



## Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
61 230 kg Hanging Counterweight  
360 Degree Rating

**LIFTING CAPACITIES:** Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (\*). Capacities indicated by (b) require 2 180 kg minimum block weight.

Hanging counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Minimum luffing jib capacity to raise hanging counterweight free of ground support is required for swing and travel. Do not allow hanging counterweight to contact ground while swinging or traveling. Exit MAX-ER mode before operating without hanging counterweight.

Upper luffing jib point capacity for liftcrane service with single part whip line is 13 610 kg. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacities. Whip line operation is not allowed where minimum luffing jib capacity to swing and travel exceeds 13 610 kg for single part line.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and luffing jib point sheaves, is considered part of luffing jib load. Boom and luffing jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

**OPERATING CONDITIONS:** Machine to operate in a level position on a firm uniformly supporting surface with gantry and mast up. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. 176153**, **No. 177334** or **No. 192108**, Wire Rope Specification chart **No. 7581-H**, Counterweight Arrangement chart **No. 7692-A** or **No. 8026-A** and Luffing Jib Raising Procedure chart **No. 7728-A**. Crane operator judgment must be used to allow for

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**MAX-ER 225**  
**On 2250 or M-250**

dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

**MACHINE TRAVEL:** Machine to travel on a firm, level and uniformly supporting surface with boom and luffing jib within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 7759-A**.

**OPERATING RADIUS:** Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts. Luffing jib angle is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

**LUFFING JIB POINT ELEVATION:** Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib point shaft.

**MACHINE EQUIPMENT:** Machine equipped with MAX-ER 225, 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 39.6m mast, 8 part boom hoist reeving, four 38 mm boom pendants or boom support straps, 10 part luffing jib hoist reeving, two 38 mm luffing jib pendants and backstays, 76 750 kg (2250) crane counterweight or 75 750 kg (M-250) crane counterweight, two 13 610 kg carbody counterweights and 61 230 kg hanging counterweight.

**WARNING:** Check amount of hanging counterweight on machine before use of this chart. Refer to Counterweight Assembly.

Consult chart **No. 7752-AM** for lifting off lower boom point with luffing jib attached.



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 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

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## MAX-ER 225 On 2250 or M-250

### 42.7m (140 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 16.8                  | 64.8                 | 65.2                   | 50 700 <b>b</b>  | 79 200 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 16.8                  |
| 18.0                  | 61.1                 | 64.5                   | 46 400 <b>b</b>  | 69 500 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.0                  |
| 20.0                  | 54.6                 | 63.2                   | 40 600 <b>b</b>  | 57 200 * <b>b</b>              | 61.8                 | 64.3                   | 36 600 <b>b</b>  | 71 200 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  |                      |                        |  |                                | 55.4                 | 63.0                   | 32 600 <b>b</b>  | 58 400 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  |                      |                        |  |                                | 48.5                 | 61.4                   | 29 200   | 49 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  |                      |                        |  |                                | 40.7                 | 59.3                   | 26 500   | 42 900 *                       | 54.4                 | 61.9                   | 23 300   | 56 900 *                       |                      |                        |  |                                | 26.0                  |
| 28.0                  |                      |                        |  |                                | 31.3                 | 56.4                   | 24 000   | 37 600 *                       | 47.4                 | 60.3                   | 21 200   | 48 400 *                       |                      |                        |  |                                | 28.0                  |
| 30.0                  |                      |                        |  |                                | 17.9                 | 51.9                   | 21 900   | 33 400 *                       | 39.4                 | 58.1                   | 19 400   | 41 900 *                       | 53.0                 | 60.5                   | 16 800   | 55 000                         | 30.0                  |
| 32.0                  |                      |                        |  |                                |                      |                        |  |                                | 29.6                 | 55.0                   | 17 700   | 36 900 *                       | 45.8                 | 58.7                   | 15 300   | 47 000 *                       | 32.0                  |
| 34.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 37.6                 | 56.4                   | 14 100   | 40 900 *                       | 34.0                  |
| 36.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.3                 | 53.1                   | 12 900   | 36 000 *                       | 36.0                  |
| 38.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 8.8                  | 46.5                   | 11 800   | 32 200 *                       | 38.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

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## MAX-ER 225 On 2250 or M-250

### 42.7m (140 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 16.8                  | 68.2                 | 68.5                   | 50 500 <b>b</b>  | 78 500 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 16.8                  |
| 18.0                  | 65.0                 | 68.0                   | 46 200 <b>b</b>  | 69 600 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.0                  |
| 20.0                  | 59.6                 | 66.9                   | 40 400   | 57 500 *                       | 65.6                 | 67.7                   | 36 300 <b>b</b>  | 71 600 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 54.0                 | 65.5                   | 35 800   | 48 800 *                       | 60.3                 | 66.7                   | 32 300 <b>b</b>  | 58 700 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  |                      |                        |  |                                | 54.7                 | 65.3                   | 29 000   | 49 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  |                      |                        |  |                                | 48.6                 | 63.7                   | 26 200   | 43 000 *                       | 59.4                 | 65.6                   | 23 000   | 57 300 *                       |                      |                        |  |                                | 26.0                  |
| 28.0                  |                      |                        |  |                                | 41.9                 | 61.7                   | 23 800   | 37 800 *                       | 53.7                 | 64.3                   | 20 900   | 48 600 *                       |                      |                        |  |                                | 28.0                  |
| 30.0                  |                      |                        |  |                                | 34.0                 | 59.0                   | 21 800   | 33 500 *                       | 47.6                 | 62.6                   | 19 100   | 42 100 *                       |                      |                        |  |                                | 30.0                  |
| 32.0                  |                      |                        |  |                                | 24.1                 | 55.3                   | 20 000   | 30 100 *                       | 40.7                 | 60.4                   | 17 500   | 37 100 *                       | 52.5                 | 62.8                   | 15 000   | 47 200 *                       | 32.0                  |
| 34.0                  |                      |                        |  |                                |                      |                        |  |                                | 32.7                 | 57.7                   | 16 100   | 33 000 *                       | 46.3                 | 61.0                   | 13 700   | 41 000 *                       | 34.0                  |
| 36.0                  |                      |                        |  |                                |                      |                        |  |                                | 22.1                 | 53.6                   | 14 800   | 29 600 *                       | 39.2                 | 58.8                   | 12 600   | 36 200 *                       | 36.0                  |
| 38.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.8                 | 55.8                   | 11 700   | 32 300 *                       | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.3                 | 51.3                   | 10 700   | 29 000 *                       | 40.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

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## MAX-ER 225 On 2250 or M-250

### 42.7m (140 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 16.8                  | 70.7                 | 71.8                   | 50 400 <b>b</b>  | 73 000 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 16.8                  |
| 18.0                  | 67.9                 | 71.3                   | 46 100 <b>b</b>  | 68 900 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.0                  |
| 20.0                  | 63.3                 | 70.4                   | 40 200   | 57 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 58.5                 | 69.2                   | 35 600   | 49 000 *                       | 63.9                 | 70.1                   | 32 100 <b>b</b>  | 59 300 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  |                      |                        |  |                                | 59.1                 | 69.0                   | 28 800   | 49 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  |                      |                        |  |                                | 54.0                 | 67.7                   | 26 000   | 43 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  |                      |                        |  |                                | 48.6                 | 66.0                   | 23 600   | 37 800 *                       | 58.3                 | 68.0                   | 20 700   | 48 900 *                       |                      |                        |  |                                | 28.0                  |
| 30.0                  |                      |                        |  |                                | 42.7                 | 64.0                   | 21 600   | 33 600 *                       | 53.2                 | 66.6                   | 18 900   | 42 300 *                       |                      |                        |  |                                | 30.0                  |
| 32.0                  |                      |                        |  |                                | 36.0                 | 61.5                   | 19 800   | 30 200 *                       | 47.7                 | 64.9                   | 17 300   | 37 200 *                       |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 27.9                 | 58.2                   | 18 200   | 27 200 *                       | 41.7                 | 62.8                   | 15 900   | 33 100 *                       | 52.1                 | 65.1                   | 13 500   | 41 200 *                       | 34.0                  |
| 36.0                  |                      |                        |  |                                | 16.4                 | 53.0                   | 16 800   | 24 800 *                       | 34.8                 | 60.2                   | 14 600   | 29 700 *                       | 46.6                 | 63.3                   | 12 400   | 36 300 *                       | 36.0                  |
| 38.0                  |                      |                        |  |                                |                      |                        |  |                                | 26.4                 | 56.7                   | 13 500   | 26 800 *                       | 40.4                 | 61.1                   | 11 400   | 32 300 *                       | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 33.3                 | 58.4                   | 10 500   | 29 100 *                       | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.4                 | 54.6                   | 9 700  | 26 400 *                       | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 9.2                  | 47.6                   | 8 900  | 24 000 *                       | 44.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

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## MAX-ER 225 On 2250 or M-250

### 42.7m (140 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 18.3                  | 69.7                 | 74.5                   | 44 900 <b>b</b>  | 64 000 <b>*b</b>               |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.3                  |
| 20.0                  | 66.2                 | 73.8                   | 40 100   | 58 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 62.0                 | 72.8                   | 35 400   | 49 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 57.6                 | 71.6                   | 31 700   | 42 600 *                       | 62.5                 | 72.5                   | 28 500   | 50 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  |                      |                        |  |                                | 58.1                 | 71.4                   | 25 700   | 43 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  |                      |                        |  |                                | 53.5                 | 70.0                   | 23 400   | 38 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  |                      |                        |  |                                | 48.7                 | 68.3                   | 21 300   | 33 700 *                       | 57.4                 | 70.3                   | 18 500   | 42 500 *                       |                      |                        |  |                                | 30.0                  |
| 32.0                  |                      |                        |  |                                | 43.4                 | 66.3                   | 19 600   | 30 200 *                       | 52.8                 | 68.9                   | 17 000   | 37 300 *                       |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 37.5                 | 63.9                   | 18 000   | 27 200 *                       | 47.9                 | 67.2                   | 15 600   | 33 100 *                       | 56.5                 | 68.9                   | 13 100   | 41 400 *                       | 34.0                  |
| 36.0                  |                      |                        |  |                                | 30.6                 | 60.9                   | 16 600   | 24 800 *                       | 42.5                 | 65.1                   | 14 300   | 29 700 *                       | 51.8                 | 67.4                   | 12 100   | 36 400 *                       | 36.0                  |
| 38.0                  |                      |                        |  |                                | 21.9                 | 56.7                   | 15 400   | 22 600 *                       | 36.5                 | 62.6                   | 13 200   | 26 800 *                       | 46.8                 | 65.6                   | 11 100   | 32 400 *                       | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                | 29.4                 | 59.5                   | 12 200   | 24 400 *                       | 41.3                 | 63.5                   | 10 200   | 29 100 *                       | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                | 20.2                 | 55.0                   | 11 300   | 22 400 *                       | 35.2                 | 60.9                   | 9 500  | 26 400 *                       | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.8                 | 57.5                   | 8 700  | 24 000 *                       | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 17.8                 | 52.6                   | 8 000  | 22 000 *                       | 46.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
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## MAX-ER 225 On 2250 or M-250

### 42.7m (140 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 19.8                  | 68.8                 | 77.2                   | 40 300   | 59 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.8                  |
| 20.0                  | 68.5                 | 77.1                   | 39 900   | 58 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 64.7                 | 76.2                   | 35 200   | 50 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 60.9                 | 75.1                   | 31 500   | 43 600 *                       | 65.2                 | 75.9                   | 28 200   | 51 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  |                      |                        |  |                                | 61.3                 | 74.9                   | 25 400   | 44 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  |                      |                        |  |                                | 57.3                 | 73.7                   | 23 100   | 38 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  |                      |                        |  |                                | 53.1                 | 72.3                   | 21 100   | 34 400 *                       | 60.7                 | 73.9                   | 18 200   | 43 500 *                       |                      |                        |  |                                | 30.0                  |
| 32.0                  |                      |                        |  |                                | 48.7                 | 70.6                   | 19 300   | 30 800 *                       | 56.7                 | 72.6                   | 16 600   | 38 100 *                       |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 43.9                 | 68.6                   | 17 800   | 27 900 *                       | 52.5                 | 71.2                   | 15 300   | 33 900 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 38.7                 | 66.3                   | 16 400   | 25 300 *                       | 48.0                 | 69.5                   | 14 100   | 30 400 *                       | 55.9                 | 71.2                   | 11 800   | 37 300 *                       | 36.0                  |
| 38.0                  |                      |                        |  |                                | 32.7                 | 63.5                   | 15 200   | 23 100 *                       | 43.1                 | 67.5                   | 13 000   | 27 400 *                       | 51.6                 | 69.7                   | 10 800   | 33 100 *                       | 38.0                  |
| 40.0                  |                      |                        |  |                                | 25.5                 | 59.8                   | 14 100   | 21 200 *                       | 37.8                 | 65.1                   | 12 000   | 25 000 *                       | 47.0                 | 67.9                   | 10 000   | 29 800 *                       | 40.0                  |
| 42.0                  |                      |                        |  |                                | 15.4                 | 54.2                   | 13 000   | 19 500 *                       | 31.7                 | 62.1                   | 11 100   | 22 800 *                       | 42.1                 | 65.8                   | 9 200  | 26 900 *                       | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                | 24.2                 | 58.2                   | 10 300   | 21 000 *                       | 36.6                 | 63.3                   | 8 500  | 24 500 *                       | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.3                 | 60.2                   | 7 800  | 22 400 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.4                 | 56.1                   | 7 200  | 20 700 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 9.4                  | 48.7                   | 6 500  | 19 000 *                       | 50.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 42.7m (140 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 19.8                  | 70.7                 | 80.4                   | 40 100   | 55 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.8                  |
| 20.0                  | 70.4                 | 80.3                   | 39 600   | 55 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 67.0                 | 79.5                   | 35 000   | 50 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 63.5                 | 78.6                   | 31 200   | 43 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 59.9                 | 77.5                   | 28 100   | 38 100 *                       | 63.9                 | 78.4                   | 25 100   | 44 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  |                      |                        |  |                                | 60.4                 | 77.3                   | 22 800   | 38 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  |                      |                        |  |                                | 56.7                 | 76.0                   | 20 800   | 34 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  |                      |                        |  |                                | 52.8                 | 74.6                   | 19 000   | 30 700 *                       | 59.8                 | 76.2                   | 16 300   | 37 900 *                       |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 48.7                 | 72.9                   | 17 500   | 27 700 *                       | 56.1                 | 75.0                   | 15 000   | 33 700 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 44.4                 | 71.0                   | 16 200   | 25 100 *                       | 52.2                 | 73.5                   | 13 800   | 30 200 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 39.6                 | 68.7                   | 15 000   | 23 000 *                       | 48.1                 | 71.8                   | 12 700   | 27 300 *                       | 55.3                 | 73.5                   | 10 500   | 32 900 *                       | 38.0                  |
| 40.0                  |                      |                        |  |                                | 34.3                 | 66.0                   | 13 900   | 21 100 *                       | 43.6                 | 69.8                   | 11 700   | 24 800 *                       | 51.4                 | 72.0                   | 9 600  | 29 600 *                       | 40.0                  |
| 42.0                  |                      |                        |  |                                | 28.2                 | 62.6                   | 12 900   | 19 400 *                       | 38.8                 | 67.5                   | 10 800   | 22 600 *                       | 47.2                 | 70.2                   | 8 800  | 26 700 *                       | 42.0                  |
| 44.0                  |                      |                        |  |                                | 20.4                 | 58.0                   | 11 900   | 18 000 *                       | 33.4                 | 64.6                   | 10 000   | 20 800 *                       | 42.7                 | 68.2                   | 8 200  | 24 300 *                       | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                | 27.1                 | 61.1                   | 9 300  | 19 200 *                       | 37.8                 | 65.8                   | 7 500  | 22 300 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                | 18.9                 | 56.3                   | 8 600  | 17 700 *                       | 32.2                 | 62.8                   | 6 900  | 20 500 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.6                 | 59.1                   | 6 400  | 18 900 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 16.7                 | 53.8                   | 5 800  | 17 500 *                       | 52.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 42.7m (140 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 21.3                  | 69.9                 | 83.1                   | 36 300   | 49 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.3                  |
| 22.0                  | 68.8                 | 82.8                   | 35 000   | 48 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 65.7                 | 82.0                   | 31 200   | 44 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 62.5                 | 81.0                   | 28 000   | 38 300 *                       | 66.1                 | 81.7                   | 25 000   | 44 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  |                      |                        |  |                                | 62.9                 | 80.8                   | 22 700   | 38 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  |                      |                        |  |                                | 59.5                 | 79.6                   | 20 700   | 34 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  |                      |                        |  |                                | 56.1                 | 78.3                   | 19 000   | 30 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 52.5                 | 76.9                   | 17 400   | 27 800 *                       | 59.0                 | 78.6                   | 14 800   | 33 800 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 48.7                 | 75.2                   | 16 100   | 25 200 *                       | 55.5                 | 77.3                   | 13 600   | 30 300 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 44.7                 | 73.3                   | 14 800   | 23 000 *                       | 51.9                 | 75.8                   | 12 600   | 27 300 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                | 40.4                 | 71.1                   | 13 800   | 21 100 *                       | 48.1                 | 74.1                   | 11 600   | 24 800 *                       | 54.8                 | 75.8                   | 9 500  | 29 700 *                       | 40.0                  |
| 42.0                  |                      |                        |  |                                | 35.7                 | 68.5                   | 12 800   | 19 400 *                       | 44.1                 | 72.1                   | 10 700   | 22 700 *                       | 51.2                 | 74.3                   | 8 700  | 26 800 *                       | 42.0                  |
| 44.0                  |                      |                        |  |                                | 30.3                 | 65.3                   | 11 900   | 18 000 *                       | 39.7                 | 69.8                   | 10 000   | 20 800 *                       | 47.3                 | 72.5                   | 8 000  | 24 400 *                       | 44.0                  |
| 46.0                  |                      |                        |  |                                | 23.8                 | 61.3                   | 11 000   | 16 600 *                       | 34.9                 | 67.1                   | 9 200  | 19 200 *                       | 43.2                 | 70.5                   | 7 400  | 22 300 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                | 14.7                 | 55.4                   | 10 300   | 15 400 *                       | 29.3                 | 63.9                   | 8 500  | 17 700 *                       | 38.8                 | 68.2                   | 6 800  | 20 500 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                | 22.6                 | 59.7                   | 7 900  | 16 500 *                       | 33.8                 | 65.4                   | 6 300  | 18 900 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.1                 | 62.0                   | 5 800  | 17 500 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.0                 | 57.5                   | 5 300  | 16 200 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 9.5                  | 49.8                   | 4 800  | 15 100 *                       | 56.0                  |





# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 42.7m (140 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 22.9                  | 69.2                 | 85.8                   | 33 000   | 44 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.9                  |
| 24.0                  | 67.5                 | 85.3                   | 31 000   | 43 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 64.6                 | 84.4                   | 27 800   | 38 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  |                      |                        |  |                                | 64.9                 | 84.2                   | 22 400   | 38 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  |                      |                        |  |                                | 61.9                 | 83.1                   | 20 400   | 34 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  |                      |                        |  |                                | 58.8                 | 82.0                   | 18 600   | 30 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 55.6                 | 80.7                   | 17 200   | 27 600 *                       | 61.4                 | 82.1                   | 14 500   | 33 700 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 52.3                 | 79.2                   | 15 800   | 25 000 *                       | 58.3                 | 80.9                   | 13 300   | 30 100 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 48.8                 | 77.5                   | 14 600   | 22 800 *                       | 55.1                 | 79.6                   | 12 200   | 27 200 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                | 45.0                 | 75.6                   | 13 500   | 20 900 *                       | 51.7                 | 78.1                   | 11 300   | 24 600 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  |                      |                        |  |                                | 41.1                 | 73.4                   | 12 600   | 19 200 *                       | 48.2                 | 76.4                   | 10 500   | 22 500 *                       | 54.4                 | 78.1                   | 8 400  | 26 700 *                       | 42.0                  |
| 44.0                  |                      |                        |  |                                | 36.8                 | 70.9                   | 11 600   | 17 700 *                       | 44.4                 | 74.4                   | 9 700  | 20 600 *                       | 51.0                 | 76.6                   | 7 700  | 24 200 *                       | 44.0                  |
| 46.0                  |                      |                        |  |                                | 31.9                 | 67.9                   | 10 800   | 16 400 *                       | 40.4                 | 72.2                   | 9 000  | 19 000 *                       | 47.5                 | 74.8                   | 7 100  | 22 100 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                | 26.3                 | 64.2                   | 10 100   | 15 300 *                       | 36.0                 | 69.6                   | 8 300  | 17 500 *                       | 43.7                 | 72.8                   | 6 500  | 20 300 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                | 19.2                 | 59.3                   | 9 400  | 14 200 *                       | 31.1                 | 66.5                   | 7 700  | 16 200 *                       | 39.6                 | 70.5                   | 6 000  | 18 700 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                | 25.3                 | 62.7                   | 7 100  | 15 100 *                       | 35.1                 | 67.9                   | 5 500  | 17 300 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                | 17.8                 | 57.5                   | 6 600  | 14 000 *                       | 30.0                 | 64.7                   | 5 000  | 16 000 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                 | 60.6                   | 4 600  | 14 900 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 15.9                 | 55.0                   | 4 200  | 13 800 *                       | 58.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 42.7m (140 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 24.4                  | 68.6                 | 88.5                   | 30 000   | 41 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.4                  |
| 26.0                  | 66.4                 | 87.8                   | 27 500   | 38 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 63.6                 | 86.8                   | 24 900   | 34 100 *                       | 66.7                 | 87.5                   | 22 100   | 39 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 60.8                 | 85.7                   | 22 600   | 30 500 *                       | 64.0                 | 86.6                   | 20 100   | 34 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  |                      |                        |  |                                | 61.1                 | 85.5                   | 18 400   | 30 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 58.2                 | 84.3                   | 16 900   | 27 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 55.2                 | 83.0                   | 15 500   | 25 200 *                       | 60.7                 | 84.5                   | 13 000   | 30 400 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 52.1                 | 81.5                   | 14 300   | 23 000 *                       | 57.7                 | 83.3                   | 12 000   | 27 400 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                | 48.8                 | 79.8                   | 13 300   | 21 000 *                       | 54.7                 | 81.9                   | 11 000   | 24 800 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  |                      |                        |  |                                | 45.3                 | 77.9                   | 12 300   | 19 300 *                       | 51.5                 | 80.4                   | 10 200   | 22 700 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  |                      |                        |  |                                | 41.6                 | 75.8                   | 11 400   | 17 800 *                       | 48.2                 | 78.7                   | 9 400  | 20 800 *                       | 54.1                 | 80.4                   | 7 400  | 24 400 *                       | 44.0                  |
| 46.0                  |                      |                        |  |                                | 37.7                 | 73.3                   | 10 600   | 16 500 *                       | 44.8                 | 76.7                   | 8 700  | 19 100 *                       | 50.9                 | 78.9                   | 6 800  | 22 300 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                | 33.3                 | 70.5                   | 9 800  | 15 300 *                       | 41.0                 | 74.5                   | 8 000  | 17 600 *                       | 47.6                 | 77.1                   | 6 200  | 20 400 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                | 28.3                 | 67.0                   | 9 200  | 14 300 *                       | 37.0                 | 72.0                   | 7 400  | 16 300 *                       | 44.0                 | 75.1                   | 5 700  | 18 800 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                | 22.4                 | 62.7                   | 8 500  | 13 300 *                       | 32.6                 | 69.1                   | 6 900  | 15 200 *                       | 40.3                 | 72.9                   | 5 200  | 17 400 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                | 14.2                 | 56.5                   | 7 900  | 12 200 *                       | 27.5                 | 65.6                   | 6 400  | 14 100 *                       | 36.2                 | 70.3                   | 4 800  | 16 100 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                | 21.3                 | 61.1                   | 5 800  | 13 100 *                       | 31.6                 | 67.3                   | 4 300  | 15 000 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.4                 | 63.6                   | 4 000  | 13 900 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.8                 | 58.8                   | 3 600  | 13 000 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 9.6                  | 50.9                   | 3 200  | 12 100 *                       | 62.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 42.7m (140 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 25.9                  | 68.1                 | 91.1                   | 27 400   | 37 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.9                  |
| 26.0                  | 68.0                 | 91.1                   | 27 300   | 37 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 65.4                 | 90.2                   | 24 700   | 34 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 62.8                 | 89.2                   | 22 400   | 30 500 *                       | 65.7                 | 90.0                   | 19 900   | 34 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 60.1                 | 88.1                   | 20 500   | 27 500 *                       | 63.1                 | 89.0                   | 18 100   | 31 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 60.4                 | 87.9                   | 16 600   | 27 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 57.7                 | 86.7                   | 15 300   | 25 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 54.8                 | 85.3                   | 14 100   | 22 900 *                       | 60.0                 | 86.9                   | 11 700   | 27 400 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                | 51.9                 | 83.8                   | 13 000   | 20 900 *                       | 57.2                 | 85.6                   | 10 700   | 24 800 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  |                      |                        |  |                                | 48.8                 | 82.1                   | 12 000   | 19 200 *                       | 54.4                 | 84.2                   | 9 900  | 22 600 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  |                      |                        |  |                                | 45.6                 | 80.2                   | 11 200   | 17 700 *                       | 51.4                 | 82.7                   | 9 100  | 20 700 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  |                      |                        |  |                                | 42.1                 | 78.1                   | 10 400   | 16 400 *                       | 48.3                 | 81.0                   | 8 400  | 19 000 *                       | 53.8                 | 82.8                   | 6 500  | 22 200 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                | 38.5                 | 75.7                   | 9 600  | 15 200 *                       | 45.0                 | 79.1                   | 7 700  | 17 500 *                       | 50.8                 | 81.2                   | 5 900  | 20 300 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                | 34.5                 | 73.0                   | 8 900  | 14 100 *                       | 41.6                 | 76.9                   | 7 200  | 16 200 *                       | 47.6                 | 79.4                   | 5 400  | 18 700 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                | 30.0                 | 69.7                   | 8 300  | 13 100 *                       | 37.9                 | 74.4                   | 6 600  | 15 000 *                       | 44.4                 | 77.5                   | 4 900  | 17 200 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                | 24.8                 | 65.8                   | 7 700  | 12 200 *                       | 33.8                 | 71.6                   | 6 100  | 13 900 *                       | 40.9                 | 75.3                   | 4 500  | 16 000 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                | 18.3                 | 60.6                   | 7 100  | 11 400 *                       | 29.3                 | 68.3                   | 5 600  | 13 000 *                       | 37.1                 | 72.7                   | 4 100  | 14 800 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                | 23.9                 | 64.2                   | 5 100  | 12 100 *                       | 32.9                 | 69.8                   | 3 700  | 13 700 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                | 17.0                 | 58.7                   | 4 700  | 11 300 *                       | 28.3                 | 66.4                   | 3 300  | 12 800 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.7                 | 62.1                   | 2 900  | 11 900 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 15.3                 | 56.1                   | 2 600  | 11 200 *                       | 64.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 42.7m (140 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 27.4                  | 67.6                 | 93.8                   | 25 300   | 34 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.4                  |
| 28.0                  | 66.9                 | 93.6                   | 24 600   | 33 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 64.5                 | 92.6                   | 22 300   | 30 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 62.0                 | 91.6                   | 20 300   | 27 400 *                       | 64.8                 | 92.4                   | 18 000   | 30 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 62.3                 | 91.4                   | 16 400   | 27 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 59.8                 | 90.3                   | 15 100   | 25 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 57.2                 | 89.0                   | 13 900   | 22 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                | 54.5                 | 87.6                   | 12 800   | 20 800 *                       | 59.4                 | 89.2                   | 10 600   | 24 700 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  |                      |                        |  |                                | 51.7                 | 86.1                   | 11 900   | 19 100 *                       | 56.7                 | 87.9                   | 9 700  | 22 400 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  |                      |                        |  |                                | 48.8                 | 84.4                   | 11 000   | 17 600 *                       | 54.0                 | 86.5                   | 9 000  | 20 500 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  |                      |                        |  |                                | 45.8                 | 82.5                   | 10 200   | 16 200 *                       | 51.2                 | 85.0                   | 8 200  | 18 900 *                       | 56.2                 | 86.5                   | 6 300  | 22 100 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                | 42.6                 | 80.4                   | 9 500  | 15 000 *                       | 48.3                 | 83.3                   | 7 600  | 17 400 *                       | 53.5                 | 85.1                   | 5 800  | 20 200 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                | 39.2                 | 78.1                   | 8 800  | 14 000 *                       | 45.3                 | 81.4                   | 7 000  | 16 000 *                       | 50.7                 | 83.5                   | 5 200  | 18 500 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                | 35.5                 | 75.4                   | 8 200  | 13 000 *                       | 42.0                 | 79.2                   | 6 500  | 14 900 *                       | 47.7                 | 81.7                   | 4 800  | 17 100 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                | 31.4                 | 72.3                   | 7 600  | 12 100 *                       | 38.6                 | 76.8                   | 6 000  | 13 800 *                       | 44.6                 | 79.8                   | 4 300  | 15 800 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                | 26.8                 | 68.7                   | 7 000  | 11 300 *                       | 34.9                 | 74.1                   | 5 500  | 12 900 *                       | 41.4                 | 77.6                   | 3 900  | 14 700 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                | 21.3                 | 64.1                   | 6 600  | 10 500 *                       | 30.7                 | 71.0                   | 5 100  | 12 000 *                       | 37.9                 | 75.2                   | 3 600  | 13 600 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                | 13.7                 | 57.6                   | 6 000  | 9 700 *                        | 26.0                 | 67.2                   | 4 600  | 11 200 *                       | 34.1                 | 72.4                   | 3 200  | 12 700 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                | 20.3                 | 62.4                   | 4 200  | 10 500 *                       | 29.8                 | 69.1                   | 2 900  | 11 800 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                | 12.1                 | 55.3                   | 3 800  | 9 800 *                        | 25.0                 | 65.2                   | 2 500  | 11 000 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.9                 | 60.1                   | 2 200  | 10 300 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 9.7                  | 52.0                   | 1 900  | 9 600 *                        | 68.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 42.7m (140 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 32.0                  | 66.3                 | 95.7                   | 17 600   | 29 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 64.0                 | 94.8                   | 16 200   | 27 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 61.6                 | 93.8                   | 14 800   | 24 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 59.2                 | 92.6                   | 13 600   | 22 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 56.7                 | 91.3                   | 12 600   | 20 600 *                       | 61.2                 | 92.7                   | 10 300   | 24 500 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 54.2                 | 89.9                   | 11 600   | 18 800 *                       | 58.8                 | 91.6                   | 9 400  | 22 200 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 51.5                 | 88.4                   | 10 700   | 17 300 *                       | 56.3                 | 90.3                   | 8 600  | 20 300 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 48.8                 | 86.7                   | 10 000   | 16 000 *                       | 53.8                 | 88.8                   | 7 900  | 18 600 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 46.0                 | 84.8                   | 9 200  | 14 800 *                       | 51.1                 | 87.3                   | 7 300  | 17 100 *                       | 55.8                 | 88.8                   | 5 400  | 20 000 *                       | 48.0                  |
| 50.0                  | 42.9                 | 82.8                   | 8 600  | 13 700 *                       | 48.4                 | 85.6                   | 6 700  | 15 800 *                       | 53.2                 | 87.4                   | 4 900  | 18 300 *                       | 50.0                  |
| 52.0                  | 39.8                 | 80.5                   | 7 900  | 12 700 *                       | 45.5                 | 83.7                   | 6 200  | 14 600 *                       | 50.6                 | 85.8                   | 4 400  | 16 900 *                       | 52.0                  |
| 54.0                  | 36.3                 | 77.9                   | 7 300  | 11 900 *                       | 42.5                 | 81.6                   | 5 700  | 13 600 *                       | 47.8                 | 84.0                   | 4 000  | 15 600 *                       | 54.0                  |
| 56.0                  | 32.6                 | 74.9                   | 6 800  | 11 000 *                       | 39.2                 | 79.2                   | 5 200  | 12 600 *                       | 44.9                 | 82.1                   | 3 600  | 14 400 *                       | 56.0                  |
| 58.0                  | 28.4                 | 71.5                   | 6 300  | 10 300 *                       | 35.8                 | 76.6                   | 4 800  | 11 800 *                       | 41.8                 | 79.9                   | 3 200  | 13 400 *                       | 58.0                  |
| 60.0                  | 23.6                 | 67.3                   | 5 800  | 9 600 *                        | 32.0                 | 73.6                   | 4 400  | 10 900 *                       | 38.6                 | 77.5                   | 2 900  | 12 400 *                       | 60.0                  |
| 62.0                  | 17.6                 | 61.9                   | 5 400  | 9 000 *                        | 27.7                 | 70.0                   | 4 000  | 10 200 *                       | 35.0                 | 74.8                   | 2 600  | 11 600 *                       | 62.0                  |
| 64.0                  | 7.7                  | 52.6                   | 4 900  | 7 900 *                        | 22.8                 | 65.7                   | 3 600  | 9 500 *                        | 31.2                 | 71.7                   | 2 200  | 10 800 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                | 16.4                 | 59.9                   | 3 200  | 8 900 *                        | 26.8                 | 68.0                   | 1 900  | 10 100 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                | 21.6                 | 63.5                   | 1 600  | 9 400 *                        | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                | 14.8                 | 57.3                   | 1 400  | 8 800 *                        | 70.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 42.7m (140 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 32.0                  | 67.6                 | 99.1                   | 17 400   | 27 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 65.4                 | 98.2                   | 15 900   | 26 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 63.2                 | 97.2                   | 14 600   | 24 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 61.0                 | 96.1                   | 13 400   | 22 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 58.7                 | 95.0                   | 12 300   | 20 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 40.0                  |
| 42.0                  | 56.3                 | 93.7                   | 11 400   | 18 600 *                       | 60.6                 | 95.1                   | 9 100  | 22 000 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 53.9                 | 92.2                   | 10 500   | 17 100 *                       | 58.3                 | 93.9                   | 8 400  | 20 100 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 51.4                 | 90.7                   | 9 700  | 15 800 *                       | 56.0                 | 92.6                   | 7 700  | 18 400 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 48.8                 | 89.0                   | 9 000  | 14 600 *                       | 53.5                 | 91.2                   | 7 100  | 16 900 *                       |                      |                        |  |                                | 48.0                  |
| 50.0                  | 46.1                 | 87.1                   | 8 300  | 13 500 *                       | 51.0                 | 89.6                   | 6 500  | 15 600 *                       | 55.5                 | 91.1                   | 4 600  | 18 100 *                       | 50.0                  |
| 52.0                  | 43.3                 | 85.1                   | 7 700  | 12 500 *                       | 48.4                 | 87.9                   | 5 900  | 14 400 *                       | 53.0                 | 89.7                   | 4 200  | 16 600 *                       | 52.0                  |
| 54.0                  | 40.3                 | 82.8                   | 7 100  | 11 600 *                       | 45.7                 | 86.0                   | 5 400  | 13 400 *                       | 50.5                 | 88.1                   | 3 800  | 15 300 *                       | 54.0                  |
| 56.0                  | 37.1                 | 80.3                   | 6 600  | 10 800 *                       | 42.8                 | 83.9                   | 5 000  | 12 400 *                       | 47.9                 | 86.3                   | 3 400  | 14 200 *                       | 56.0                  |
| 58.0                  | 33.7                 | 77.4                   | 6 100  | 10 100 *                       | 39.8                 | 81.6                   | 4 500  | 11 500 *                       | 45.1                 | 84.4                   | 3 000  | 13 200 *                       | 58.0                  |
| 60.0                  | 29.8                 | 74.2                   | 5 600  | 9 400 *                        | 36.6                 | 79.0                   | 4 100  | 10 700 *                       | 42.2                 | 82.3                   | 2 600  | 12 200 *                       | 60.0                  |
| 62.0                  | 25.5                 | 70.3                   | 5 200  | 8 800 *                        | 33.1                 | 76.1                   | 3 800  | 10 000 *                       | 39.2                 | 79.9                   | 2 300  | 11 400 *                       | 62.0                  |
| 64.0                  | 20.4                 | 65.5                   | 4 800  | 8 200 *                        | 29.2                 | 72.7                   | 3 400  | 9 300 *                        | 35.9                 | 77.3                   | 2 000  | 10 600 *                       | 64.0                  |
| 66.0                  | 13.4                 | 58.7                   | 4 300  | 7 500 *                        | 24.8                 | 68.7                   | 3 000  | 8 700 *                        | 32.3                 | 74.3                   | 1 700  | 9 900 *                        | 66.0                  |
| 68.0                  |                      |                        |  |                                | 19.4                 | 63.7                   | 2 700  | 8 100 *                        | 28.4                 | 70.8                   | 1 400  | 9 200 *                        | 68.0                  |
| 70.0                  |                      |                        |  |                                | 11.9                 | 56.4                   | 2 400  | 7 600 *                        | 23.8                 | 66.7                   | 1 100  | 8 600 *                        | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                | 18.2                 | 61.3                   | 900  | 8 000 *                        | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                | 9.7                  | 53.1                   | 600  | 7 500 *                        | 74.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 42.7m (140 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 33.5                  | 67.2                 | 101.7                  | 16 000   | 23 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 33.5                  |
| 34.0                  | 66.7                 | 101.5                  | 15 600   | 23 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 64.7                 | 100.6                  | 14 300   | 22 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 62.6                 | 99.6                   | 13 100   | 20 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 60.4                 | 98.5                   | 12 100   | 19 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 40.0                  |
| 42.0                  | 58.2                 | 97.3                   | 11 100   | 18 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 42.0                  |
| 44.0                  | 56.0                 | 96.0                   | 10 200   | 16 800 *                       | 60.1                 | 97.5                   | 8 100  | 19 000 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 53.7                 | 94.6                   | 9 500  | 15 700 *                       | 57.9                 | 96.2                   | 7 400  | 17 800 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 51.3                 | 93.0                   | 8 700  | 14 500 *                       | 55.6                 | 94.9                   | 6 800  | 16 600 *                       |                      |                        |  |                                | 48.0                  |
| 50.0                  | 48.8                 | 91.3                   | 8 100  | 13 400 *                       | 53.3                 | 93.5                   | 6 200  | 15 500 *                       |                      |                        |  |                                | 50.0                  |
| 52.0                  | 46.3                 | 89.5                   | 7 400  | 12 400 *                       | 50.9                 | 91.9                   | 5 700  | 14 300 *                       | 55.2                 | 93.5                   | 3 900  | 16 300 *                       | 52.0                  |
| 54.0                  | 43.6                 | 87.4                   | 6 900  | 11 500 *                       | 48.4                 | 90.2                   | 5 100  | 13 200 *                       | 52.8                 | 92.0                   | 3 400  | 15 200 *                       | 54.0                  |
| 56.0                  | 40.8                 | 85.2                   | 6 400  | 10 700 *                       | 45.9                 | 88.3                   | 4 700  | 12 300 *                       | 50.4                 | 90.4                   | 3 100  | 14 100 *                       | 56.0                  |
| 58.0                  | 37.8                 | 82.7                   | 5 900  | 9 900 *                        | 43.2                 | 86.2                   | 4 200  | 11 400 *                       | 47.9                 | 88.6                   | 2 700  | 13 100 *                       | 58.0                  |
| 60.0                  | 34.6                 | 79.9                   | 5 400  | 9 200 *                        | 40.3                 | 84.0                   | 3 800  | 10 600 *                       | 45.3                 | 86.7                   | 2 300  | 12 100 *                       | 60.0                  |
| 62.0                  | 31.1                 | 76.8                   | 4 900  | 8 600 *                        | 37.3                 | 81.4                   | 3 500  | 9 800 *                        | 42.6                 | 84.6                   | 2 000  | 11 200 *                       | 62.0                  |
| 64.0                  | 27.1                 | 73.1                   | 4 500  | 8 000 *                        | 34.0                 | 78.6                   | 3 100  | 9 200 *                        | 39.7                 | 82.3                   | 1 700  | 10 400 *                       | 64.0                  |
| 66.0                  | 22.6                 | 68.8                   | 4 200  | 7 400 *                        | 30.5                 | 75.4                   | 2 800  | 8 500 *                        | 36.6                 | 79.7                   | 1 400  | 9 700 *                        | 66.0                  |
| 68.0                  | 17.0                 | 63.1                   | 3 800  | 6 900 *                        | 26.5                 | 71.7                   | 2 400  | 7 900 *                        | 33.3                 | 76.8                   | 1 100  | 9 000 *                        | 68.0                  |
| 70.0                  | 8.0                  | 53.7                   | 3 400  | 6 000 *                        | 21.8                 | 67.1                   | 2 100  | 7 400 *                        | 29.7                 | 73.5                   | 900  | 8 400 *                        | 70.0                  |
| 72.0                  |                      |                        |  |                                | 15.9                 | 61.1                   | 1 800  | 6 800 *                        | 25.6                 | 69.6                   | 600  | 7 800 *                        | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                | 20.8                 | 64.9                   | 400  | 7 300 *                        | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                | 14.4                 | 58.4                   | 100  | 6 800 *                        | 76.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 48.8m (160 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 16.8                  | 67.0                 | 71.6                   | 50 200 <b>b</b>  | 81 600 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 16.8                  |
| 18.0                  | 63.3                 | 71.0                   | 46 000 <b>b</b>  | 74 300 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.0                  |
| 20.0                  | 57.1                 | 69.8                   | 40 200 <b>b</b>  | 61 200 * <b>b</b>              | 65.0                 | 70.9                   | 35 600 <b>b</b>  | 80 000 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 50.3                 | 68.3                   | 35 600   | 51 500 *                       | 58.9                 | 69.7                   | 31 700 <b>b</b>  | 64 400 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 42.8                 | 66.3                   | 31 800   | 44 300 *                       | 52.3                 | 68.3                   | 28 400   | 53 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  |                      |                        |  |                                | 45.0                 | 66.5                   | 25 700   | 46 200 *                       | 59.5                 | 68.9                   | 22 000 <b>b</b>  | 65 900 * <b>b</b>              |                      |                        |  |                                | 26.0                  |
| 28.0                  |                      |                        |  |                                | 36.6                 | 64.1                   | 23 400   | 40 200 *                       | 53.0                 | 67.5                   | 20 000 <b>b</b>  | 54 800 * <b>b</b>              |                      |                        |  |                                | 28.0                  |
| 30.0                  |                      |                        |  |                                | 25.9                 | 60.6                   | 21 300   | 35 500 *                       | 45.8                 | 65.7                   | 18 300   | 46 800 *                       |                      |                        |  |                                | 30.0                  |
| 32.0                  |                      |                        |  |                                |                      |                        |  |                                | 37.5                 | 63.4                   | 16 700   | 40 800 *                       |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                |                      |                        |  |                                | 27.2                 | 60.1                   | 15 300   | 36 000 *                       | 46.2                 | 64.5                   | 12 700   | 47 500                         | 34.0                  |
| 36.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 38.0                 | 62.2                   | 11 600   | 41 100 *                       | 36.0                  |
| 38.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.8                 | 59.0                   | 10 700   | 36 200 *                       | 38.0                  |





# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 48.8m (160 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 16.8                  | 70.1                 | 74.9                   | 50 000 <b>b</b>  | 79 700 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 16.8                  |
| 18.0                  | 66.9                 | 74.4                   | 45 800 <b>b</b>  | 74 300 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.0                  |
| 20.0                  | 61.7                 | 73.4                   | 40 000 <b>b</b>  | 61 500 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 56.1                 | 72.1                   | 35 400   | 51 800 *                       | 63.1                 | 73.3                   | 31 400 <b>b</b>  | 65 200 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 50.2                 | 70.6                   | 31 700   | 44 500 *                       | 57.7                 | 72.1                   | 28 100   | 54 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 43.6                 | 68.6                   | 28 500   | 39 000 *                       | 51.9                 | 70.6                   | 25 400   | 46 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  |                      |                        |  |                                | 45.5                 | 68.8                   | 23 100   | 40 400 *                       | 58.3                 | 71.2                   | 19 700   | 55 400 *                       |                      |                        |  |                                | 28.0                  |
| 30.0                  |                      |                        |  |                                | 38.3                 | 66.5                   | 21 100   | 35 700 *                       | 52.5                 | 69.8                   | 17 900   | 47 100 *                       |                      |                        |  |                                | 30.0                  |
| 32.0                  |                      |                        |  |                                | 29.7                 | 63.4                   | 19 400   | 31 800 *                       | 46.2                 | 68.0                   | 16 400   | 41 000 *                       |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                |                      |                        |  |                                | 39.1                 | 65.8                   | 15 100   | 36 100 *                       | 52.8                 | 68.6                   | 12 300   | 47 100                         | 34.0                  |
| 36.0                  |                      |                        |  |                                |                      |                        |  |                                | 30.7                 | 62.8                   | 13 900   | 32 200 *                       | 46.5                 | 66.8                   | 11 300   | 41 300 *                       | 36.0                  |
| 38.0                  |                      |                        |  |                                |                      |                        |  |                                | 19.2                 | 58.3                   | 12 800   | 29 000 *                       | 39.5                 | 64.6                   | 10 400   | 36 400 *                       | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 31.2                 | 61.7                   | 9 600  | 32 400 *                       | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.9                 | 57.3                   | 8 800  | 29 200 *                       | 42.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 48.8m (160 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |   |                                      | 80 Degree<br>Boom Angle |                                 |   |                                      | 75 Degree<br>Boom Angle |                                 |   |                                      | 70 Degree<br>Boom Angle |                                 |   |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 18.3                           | 69.0                    | 77.5                            | 44 600 <b>b</b>   | 70 200 * <b>b</b>                    |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 18.3                           |
| 20.0                           | 65.1                    | 76.8                            | 39 800 <b>b</b>   | 62 000 * <b>b</b>                    |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 20.0                           |
| 22.0                           | 60.3                    | 75.7                            | 35 200  | 52 000 *                             | 66.3                    | 76.7                            | 31 100 <b>b</b>   | 65 300 * <b>b</b>                    |                         |                                 |   |                                      |                         |                                 |   |                                      | 22.0                           |
| 24.0                           | 55.3                    | 74.4                            | 31 500  | 44 700 *                             | 61.7                    | 75.6                            | 27 900  | 54 500 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 24.0                           |
| 26.0                           | 50.0                    | 72.9                            | 28 400  | 39 100 *                             | 56.8                    | 74.4                            | 25 200  | 46 500 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 26.0                           |
| 28.0                           |                         |                                 |   |                                      | 51.5                    | 72.9                            | 22 900  | 40 500 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 28.0                           |
| 30.0                           |                         |                                 |   |                                      | 45.9                    | 71.1                            | 20 900  | 35 800 *                             | 57.3                    | 73.6                            | 17 700  | 47 400 *                             |                         |                                 |   |                                      | 30.0                           |
| 32.0                           |                         |                                 |   |                                      | 39.7                    | 68.9                            | 19 200  | 31 900 *                             | 52.1                    | 72.1                            | 16 100  | 41 100 *                             |                         |                                 |   |                                      | 32.0                           |
| 34.0                           |                         |                                 |   |                                      | 32.4                    | 66.1                            | 17 700  | 28 700 *                             | 46.5                    | 70.3                            | 14 900  | 36 200 *                             |                         |                                 |   |                                      | 34.0                           |
| 36.0                           |                         |                                 |   |                                      | 23.2                    | 62.1                            | 16 300  | 26 000 *                             | 40.3                    | 68.2                            | 13 700  | 32 300 *                             | 52.4                    | 70.9                            | 11 000  | 41 500 *                             | 36.0                           |
| 38.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 33.2                    | 65.4                            | 12 600  | 29 000 *                             | 46.8                    | 69.1                            | 10 100  | 36 500 *                             | 38.0                           |
| 40.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 24.3                    | 61.6                            | 11 700  | 26 300 *                             | 40.7                    | 67.0                            | 9 300   | 32 500 *                             | 40.0                           |
| 42.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 33.6                    | 64.2                            | 8 600   | 29 200 *                             | 42.0                           |
| 44.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 24.8                    | 60.5                            | 7 900   | 26 500 *                             | 44.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 48.8m (160 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 19.8                  | 68.1                 | 80.2                   | 40 100 <b>b</b>  | 61 700 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.8                  |
| 20.0                  | 67.7                 | 80.1                   | 39 600 <b>b</b>  | 60 900 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 63.6                 | 79.2                   | 35 000   | 52 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 59.2                 | 78.1                   | 31 300   | 44 900 *                       | 64.7                 | 79.1                   | 27 600   | 55 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 54.7                 | 76.7                   | 28 200   | 39 200 *                       | 60.5                 | 78.0                   | 24 900   | 46 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 49.9                 | 75.2                   | 25 600   | 34 700 *                       | 56.0                 | 76.7                   | 22 600   | 40 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  |                      |                        |  |                                | 51.3                 | 75.2                   | 20 600   | 35 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  |                      |                        |  |                                | 46.2                 | 73.4                   | 19 000   | 32 000 *                       | 56.5                 | 75.9                   | 15 800   | 41 300 *                       |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 40.7                 | 71.3                   | 17 400   | 28 800 *                       | 51.8                 | 74.4                   | 14 500   | 36 300 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 34.4                 | 68.6                   | 16 100   | 26 000 *                       | 46.8                 | 72.7                   | 13 400   | 32 300 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 26.9                 | 65.1                   | 14 900   | 23 700 *                       | 41.3                 | 70.5                   | 12 300   | 29 100 *                       | 52.0                 | 73.2                   | 9 800  | 36 600 *                       | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                | 35.1                 | 67.9                   | 11 400   | 26 300 *                       | 47.0                 | 71.4                   | 9 000  | 32 500 *                       | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                | 27.7                 | 64.5                   | 10 500   | 24 000 *                       | 41.6                 | 69.3                   | 8 300  | 29 200 *                       | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                | 17.7                 | 59.6                   | 9 700  | 22 000 *                       | 35.4                 | 66.7                   | 7 600  | 26 500 *                       | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.2                 | 63.4                   | 7 000  | 24 100 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.3                 | 58.6                   | 6 400  | 22 100 *                       | 48.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 48.8m (160 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 19.8                  | 70.2                 | 83.5                   | 39 900   | 59 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.8                  |
| 20.0                  | 69.8                 | 83.4                   | 39 400   | 59 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 66.1                 | 82.6                   | 34 800   | 54 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 62.3                 | 81.6                   | 31 100   | 45 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 58.4                 | 80.4                   | 27 900   | 40 100 *                       | 63.4                 | 81.5                   | 24 600   | 47 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 54.2                 | 79.1                   | 25 300   | 35 400 *                       | 59.5                 | 80.4                   | 22 300   | 41 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 49.8                 | 77.5                   | 23 100   | 31 700 *                       | 55.4                 | 79.1                   | 20 400   | 36 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 45.1                 | 75.6                   | 21 100   | 28 500 *                       | 51.1                 | 77.5                   | 18 700   | 32 700 *                       | 59.9                 | 79.5                   | 15 500   | 42 200 *                       |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 46.5                 | 75.7                   | 17 200   | 29 400 *                       | 55.8                 | 78.2                   | 14 200   | 37 100 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 41.5                 | 73.6                   | 15 900   | 26 600 *                       | 51.5                 | 76.7                   | 13 100   | 33 000 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 36.0                 | 71.1                   | 14 700   | 24 200 *                       | 47.0                 | 75.0                   | 12 100   | 29 700 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                | 29.5                 | 67.9                   | 13 600   | 22 200 *                       | 42.0                 | 72.9                   | 11 100   | 26 900 *                       | 51.8                 | 75.5                   | 8 700  | 33 300 *                       | 40.0                  |
| 42.0                  |                      |                        |  |                                | 21.4                 | 63.5                   | 12 600   | 20 500 *                       | 36.6                 | 70.4                   | 10 300   | 24 500 *                       | 47.2                 | 73.7                   | 8 000  | 29 900 *                       | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                | 30.2                 | 67.3                   | 9 500  | 22 400 *                       | 42.3                 | 71.7                   | 7 300  | 27 000 *                       | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                | 22.3                 | 63.1                   | 8 800  | 20 600 *                       | 36.9                 | 69.2                   | 6 700  | 24 600 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.6                 | 66.1                   | 6 200  | 22 500 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.8                 | 62.0                   | 5 700  | 20 700 *                       | 50.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 48.8m (160 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 21.3                  | 69.4                 | 86.2                   | 36 000   | 52 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.3                  |
| 22.0                  | 68.2                 | 85.9                   | 34 600   | 51 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 64.8                 | 85.0                   | 30 800   | 46 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 61.3                 | 84.0                   | 27 700   | 40 300 *                       | 65.8                 | 84.9                   | 24 300   | 48 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 57.6                 | 82.8                   | 25 100   | 35 500 *                       | 62.3                 | 83.9                   | 22 000   | 41 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 53.8                 | 81.4                   | 22 900   | 31 700 *                       | 58.6                 | 82.7                   | 20 100   | 36 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 49.8                 | 79.8                   | 20 900   | 28 500 *                       | 54.9                 | 81.4                   | 18 400   | 32 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 45.5                 | 77.9                   | 19 200   | 25 800 *                       | 50.9                 | 79.8                   | 16 900   | 29 400 *                       | 59.0                 | 81.9                   | 13 900   | 37 200 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 46.7                 | 78.0                   | 15 600   | 26 600 *                       | 55.3                 | 80.5                   | 12 700   | 33 100 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 42.2                 | 76.0                   | 14 400   | 24 200 *                       | 51.3                 | 79.0                   | 11 700   | 29 700 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                | 37.2                 | 73.5                   | 13 400   | 22 100 *                       | 47.2                 | 77.3                   | 10 800   | 26 800 *                       | 55.5                 | 79.3                   | 8 300  | 33 300 *                       | 40.0                  |
| 42.0                  |                      |                        |  |                                | 31.6                 | 70.5                   | 12 400   | 20 300 *                       | 42.7                 | 75.2                   | 10 000   | 24 400 *                       | 51.5                 | 77.8                   | 7 600  | 29 900 *                       | 42.0                  |
| 44.0                  |                      |                        |  |                                | 24.8                 | 66.7                   | 11 500   | 18 800 *                       | 37.7                 | 72.8                   | 9 200  | 22 300 *                       | 47.4                 | 76.0                   | 7 000  | 27 000 *                       | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                | 32.2                 | 69.9                   | 8 600  | 20 500 *                       | 42.9                 | 74.0                   | 6 400  | 24 500 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                | 25.6                 | 66.1                   | 7 900  | 18 900 *                       | 38.0                 | 71.6                   | 5 900  | 22 500 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                | 16.6                 | 60.8                   | 7 300  | 17 500 *                       | 32.5                 | 68.7                   | 5 400  | 20 600 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                 | 65.0                   | 4 900  | 19 000 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 17.2                 | 59.8                   | 4 500  | 17 600 *                       | 54.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 48.8m (160 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |   |                                      | 80 Degree<br>Boom Angle |                                 |   |                                      | 75 Degree<br>Boom Angle |                                 |   |                                      | 70 Degree<br>Boom Angle |                                 |   |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 22.9                           | 68.7                    | 88.8                            | 32 800  | 47 800 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 22.9                           |
| 24.0                           | 66.9                    | 88.4                            | 30 800  | 45 600 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 24.0                           |
| 26.0                           | 63.7                    | 87.4                            | 27 600  | 40 200 *                             | 67.8                    | 88.2                            | 24 200  | 47 000 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 26.0                           |
| 28.0                           | 60.4                    | 86.3                            | 25 000  | 35 500 *                             | 64.6                    | 87.3                            | 21 900  | 41 900 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 28.0                           |
| 30.0                           | 57.0                    | 85.1                            | 22 800  | 31 600 *                             | 61.3                    | 86.3                            | 20 000  | 36 700 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 30.0                           |
| 32.0                           | 53.4                    | 83.7                            | 20 800  | 28 500 *                             | 57.9                    | 85.1                            | 18 300  | 32 700 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 32.0                           |
| 34.0                           | 49.7                    | 82.1                            | 19 100  | 25 800 *                             | 54.4                    | 83.7                            | 16 800  | 29 300 *                             | 61.6                    | 85.4                            | 13 700  | 37 300 *                             |                         |                                 |   |                                      | 34.0                           |
| 36.0                           |                         |                                 |   |                                      | 50.8                    | 82.1                            | 15 500  | 26 500 *                             | 58.3                    | 84.2                            | 12 600  | 33 100 *                             |                         |                                 |   |                                      | 36.0                           |
| 38.0                           |                         |                                 |   |                                      | 46.9                    | 80.3                            | 14 300  | 24 100 *                             | 54.8                    | 82.9                            | 11 600  | 29 600 *                             |                         |                                 |   |                                      | 38.0                           |
| 40.0                           |                         |                                 |   |                                      | 42.7                    | 78.3                            | 13 200  | 22 100 *                             | 51.1                    | 81.3                            | 10 700  | 26 800 *                             |                         |                                 |   |                                      | 40.0                           |
| 42.0                           |                         |                                 |   |                                      | 38.2                    | 75.9                            | 12 300  | 20 300 *                             | 47.3                    | 79.6                            | 9 900   | 24 400 *                             | 55.0                    | 81.6                            | 7 500   | 29 900 *                             | 42.0                           |
| 44.0                           |                         |                                 |   |                                      | 33.2                    | 73.1                            | 11 400  | 18 700 *                             | 43.2                    | 77.5                            | 9 100   | 22 300 *                             | 51.3                    | 80.1                            | 6 900   | 26 900 *                             | 44.0                           |
| 46.0                           |                         |                                 |   |                                      | 27.4                    | 69.6                            | 10 600  | 17 300 *                             | 38.7                    | 75.2                            | 8 400   | 20 400 *                             | 47.5                    | 78.3                            | 6 300   | 24 500 *                             | 46.0                           |
| 48.0                           |                         |                                 |   |                                      | 20.0                    | 64.9                            | 9 900   | 16 000 *                             | 33.8                    | 72.4                            | 7 800   | 18 900 *                             | 43.4                    | 76.3                            | 5 800   | 22 400 *                             | 48.0                           |
| 50.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 28.0                    | 69.0                            | 7 200   | 17 500 *                             | 39.0                    | 74.0                            | 5 300   | 20 600 *                             | 50.0                           |
| 52.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 20.9                    | 64.5                            | 6 700   | 16 200 *                             | 34.0                    | 71.2                            | 4 800   | 19 000 *                             | 52.0                           |
| 54.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 28.3                    | 67.8                            | 4 400   | 17 500 *                             | 54.0                           |
| 56.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 21.3                    | 63.4                            | 4 000   | 16 300 *                             | 56.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 22.9                  | 70.3                 | 92.1                   | 32 500   | 44 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.9                  |
| 24.0                  | 68.6                 | 91.7                   | 30 500   | 43 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 65.7                 | 90.8                   | 27 400   | 40 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 62.7                 | 89.8                   | 24 800   | 35 300 *                       | 66.5                 | 90.7                   | 21 600   | 41 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 59.6                 | 88.7                   | 22 500   | 31 400 *                       | 63.5                 | 89.7                   | 19 700   | 36 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 56.4                 | 87.4                   | 20 600   | 28 300 *                       | 60.5                 | 88.6                   | 18 000   | 32 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 53.1                 | 86.0                   | 18 900   | 25 600 *                       | 57.3                 | 87.4                   | 16 500   | 29 100 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 49.7                 | 84.4                   | 17 400   | 23 300 *                       | 54.1                 | 86.0                   | 15 200   | 26 300 *                       | 60.8                 | 87.8                   | 12 300   | 32 900 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 50.6                 | 84.4                   | 14 000   | 23 900 *                       | 57.7                 | 86.6                   | 11 300   | 29 400 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                | 47.0                 | 82.6                   | 13 000   | 21 900 *                       | 54.4                 | 85.2                   | 10 400   | 26 600 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  |                      |                        |  |                                | 43.2                 | 80.6                   | 12 000   | 20 100 *                       | 51.0                 | 83.6                   | 9 500  | 24 100 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  |                      |                        |  |                                | 39.1                 | 78.3                   | 11 200   | 18 500 *                       | 47.4                 | 81.9                   | 8 800  | 22 000 *                       | 54.6                 | 83.9                   | 6 500  | 26 800 *                       | 44.0                  |
| 46.0                  |                      |                        |  |                                | 34.6                 | 75.6                   | 10 400   | 17 100 *                       | 43.6                 | 79.9                   | 8 200  | 20 300 *                       | 51.2                 | 82.4                   | 5 900  | 24 300 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                | 29.4                 | 72.3                   | 9 700  | 15 900 *                       | 39.5                 | 77.6                   | 7 500  | 18 600 *                       | 47.6                 | 80.6                   | 5 400  | 22 200 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                | 23.2                 | 68.2                   | 9 000  | 14 800 *                       | 35.0                 | 74.9                   | 7 000  | 17 200 *                       | 43.8                 | 78.6                   | 5 000  | 20 300 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                | 30.0                 | 71.7                   | 6 400  | 16 000 *                       | 39.8                 | 76.4                   | 4 500  | 18 700 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                | 23.9                 | 67.7                   | 5 900  | 14 900 *                       | 35.3                 | 73.7                   | 4 100  | 17 300 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                | 15.8                 | 62.0                   | 5 400  | 13 800 *                       | 30.3                 | 70.5                   | 3 700  | 16 100 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.3                 | 66.6                   | 3 300  | 14 900 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 16.3                 | 61.0                   | 3 000  | 13 900 *                       | 60.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 48.8m (160 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 24.4                  | 69.6                 | 94.8                   | 29 600   | 41 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.4                  |
| 26.0                  | 67.4                 | 94.1                   | 27 100   | 40 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 64.7                 | 93.2                   | 24 500   | 35 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 61.8                 | 92.2                   | 22 300   | 31 800 *                       | 65.4                 | 93.1                   | 19 400   | 37 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 58.9                 | 91.0                   | 20 400   | 28 500 *                       | 62.6                 | 92.1                   | 17 700   | 32 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 56.0                 | 89.7                   | 18 700   | 25 800 *                       | 59.8                 | 91.0                   | 16 200   | 29 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 52.8                 | 88.3                   | 17 200   | 23 500 *                       | 56.8                 | 89.7                   | 14 900   | 26 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 49.6                 | 86.7                   | 15 800   | 21 500 *                       | 53.7                 | 88.3                   | 13 700   | 24 100 *                       | 60.1                 | 90.1                   | 11 000   | 29 700 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  | 46.2                 | 84.8                   | 14 700   | 19 700 *                       | 50.5                 | 86.7                   | 12 700   | 22 000 *                       | 57.1                 | 88.9                   | 10 100   | 26 800 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 42.6                 | 82.7                   | 13 600   | 18 200 *                       | 47.2                 | 84.9                   | 11 800   | 20 200 *                       | 54.0                 | 87.5                   | 9 300  | 24 300 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  |                      |                        |  |                                | 43.6                 | 82.9                   | 10 900   | 18 600 *                       | 50.9                 | 85.9                   | 8 500  | 22 200 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  |                      |                        |  |                                | 39.8                 | 80.7                   | 10 100   | 17 200 *                       | 47.5                 | 84.2                   | 7 900  | 20 400 *                       | 54.2                 | 86.2                   | 5 600  | 24 500 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                | 35.7                 | 78.0                   | 9 400  | 16 000 *                       | 44.0                 | 82.2                   | 7 200  | 18 800 *                       | 51.0                 | 84.7                   | 5 200  | 22 300 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                | 31.1                 | 74.9                   | 8 800  | 14 800 *                       | 40.2                 | 79.9                   | 6 700  | 17 300 *                       | 47.7                 | 82.9                   | 4 700  | 20 500 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                | 25.7                 | 71.2                   | 8 100  | 13 800 *                       | 36.1                 | 77.3                   | 6 200  | 16 100 *                       | 44.2                 | 81.0                   | 4 200  | 18 900 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                | 19.0                 | 66.2                   | 7 500  | 12 800 *                       | 31.6                 | 74.3                   | 5 700  | 14 900 *                       | 40.4                 | 78.7                   | 3 800  | 17 400 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                | 26.3                 | 70.6                   | 5 200  | 13 900 *                       | 36.3                 | 76.2                   | 3 400  | 16 200 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                | 19.8                 | 65.8                   | 4 800  | 13 000 *                       | 31.8                 | 73.1                   | 3 100  | 15 000 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.6                 | 69.5                   | 2 700  | 14 000 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.1                 | 64.8                   | 2 400  | 13 000 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 10.3                 | 57.1                   | 2 000  | 12 200 *                       | 64.0                  |





# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 48.8m (160 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 25.9                  | 69.0                 | 97.5                   | 27 000   | 37 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.9                  |
| 26.0                  | 68.9                 | 97.4                   | 26 900   | 37 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 66.3                 | 96.6                   | 24 300   | 35 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 63.7                 | 95.6                   | 22 000   | 32 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 61.1                 | 94.6                   | 20 100   | 28 600 *                       | 64.5                 | 95.5                   | 17 400   | 32 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 58.4                 | 93.4                   | 18 400   | 25 800 *                       | 61.8                 | 94.5                   | 15 900   | 29 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 55.5                 | 92.1                   | 16 900   | 23 400 *                       | 59.1                 | 93.3                   | 14 600   | 26 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 52.6                 | 90.6                   | 15 600   | 21 400 *                       | 56.3                 | 92.0                   | 13 500   | 24 100 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 49.6                 | 89.0                   | 14 400   | 19 600 *                       | 53.4                 | 90.6                   | 12 400   | 21 900 *                       | 59.4                 | 92.5                   | 9 800  | 26 800 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 46.4                 | 87.1                   | 13 300   | 18 100 *                       | 50.4                 | 89.0                   | 11 500   | 20 100 *                       | 56.6                 | 91.2                   | 9 000  | 24 300 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 43.0                 | 85.1                   | 12 400   | 16 700 *                       | 47.3                 | 87.2                   | 10 600   | 18 500 *                       | 53.7                 | 89.8                   | 8 200  | 22 100 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 39.4                 | 82.7                   | 11 500   | 15 500 *                       | 44.0                 | 85.3                   | 9 900  | 17 100 *                       | 50.7                 | 88.2                   | 7 600  | 20 300 *                       | 56.8                 | 90.0                   | 5 300  | 24 400 *                       | 46.0                  |
| 48.0                  | 35.5                 | 80.1                   | 10 700   | 14 400 *                       | 40.4                 | 83.0                   | 9 200  | 15 800 *                       | 47.6                 | 86.5                   | 6 900  | 18 700 *                       | 53.9                 | 88.5                   | 4 800  | 22 300 *                       | 48.0                  |
| 50.0                  | 31.2                 | 77.0                   | 9 900  | 13 400 *                       | 36.6                 | 80.5                   | 8 500  | 14 700 *                       | 44.3                 | 84.5                   | 6 400  | 17 200 *                       | 50.9                 | 87.0                   | 4 300  | 20 400 *                       | 50.0                  |
| 52.0                  | 26.2                 | 73.3                   | 9 200  | 12 400 *                       | 32.4                 | 77.5                   | 7 900  | 13 600 *                       | 40.8                 | 82.3                   | 5 900  | 15 900 *                       | 47.8                 | 85.2                   | 3 900  | 18 800 *                       | 52.0                  |
| 54.0                  | 20.1                 | 68.5                   | 8 600  | 11 600 *                       | 27.7                 | 74.0                   | 7 300  | 12 700 *                       | 37.0                 | 79.8                   | 5 400  | 14 800 *                       | 44.5                 | 83.3                   | 3 500  | 17 300 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                | 22.0                 | 69.6                   | 6 800  | 11 900 *                       | 32.9                 | 76.9                   | 4 900  | 13 700 *                       | 41.0                 | 81.1                   | 3 100  | 16 000 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                | 28.2                 | 73.4                   | 4 500  | 12 800 *                       | 37.2                 | 78.6                   | 2 800  | 14 800 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                | 22.6                 | 69.1                   | 4 100  | 11 900 *                       | 33.1                 | 75.7                   | 2 400  | 13 800 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                | 15.2                 | 63.1                   | 3 700  | 11 200 *                       | 28.5                 | 72.3                   | 2 100  | 12 900 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 23.0                 | 68.0                   | 1 800  | 12 000 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 15.7                 | 62.2                   | 1 500  | 11 200 *                       | 66.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 27.4                  | 68.5                 | 100.2                  | 24 900   | 34 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.4                  |
| 28.0                  | 67.8                 | 99.9                   | 24 200   | 33 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 65.4                 | 99.0                   | 21 900   | 31 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 62.9                 | 98.0                   | 20 000   | 28 400 *                       | 66.1                 | 98.9                   | 17 200   | 32 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 60.4                 | 97.0                   | 18 300   | 25 600 *                       | 63.6                 | 97.9                   | 15 800   | 29 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 57.8                 | 95.7                   | 16 800   | 23 300 *                       | 61.1                 | 96.9                   | 14 500   | 26 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 55.2                 | 94.4                   | 15 500   | 21 300 *                       | 58.6                 | 95.7                   | 13 300   | 23 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 52.4                 | 92.9                   | 14 300   | 19 500 *                       | 55.9                 | 94.4                   | 12 300   | 21 800 *                       | 61.4                 | 96.0                   | 9 600  | 26 700 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 49.5                 | 91.3                   | 13 200   | 17 900 *                       | 53.2                 | 92.9                   | 11 400   | 20 000 *                       | 58.8                 | 94.8                   | 8 800  | 24 200 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 46.5                 | 89.4                   | 12 200   | 16 500 *                       | 50.3                 | 91.3                   | 10 500   | 18 400 *                       | 56.2                 | 93.5                   | 8 100  | 22 000 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 43.4                 | 87.4                   | 11 400   | 15 300 *                       | 47.4                 | 89.6                   | 9 700  | 17 000 *                       | 53.5                 | 92.1                   | 7 400  | 20 200 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 40.0                 | 85.1                   | 10 600   | 14 200 *                       | 44.3                 | 87.6                   | 9 000  | 15 700 *                       | 50.6                 | 90.5                   | 6 800  | 18 500 *                       | 56.3                 | 92.3                   | 4 600  | 22 200 *                       | 48.0                  |
| 50.0                  | 36.4                 | 82.5                   | 9 800  | 13 200 *                       | 41.0                 | 85.4                   | 8 400  | 14 500 *                       | 47.7                 | 88.8                   | 6 200  | 17 100 *                       | 53.6                 | 90.9                   | 4 200  | 20 300 *                       | 50.0                  |
| 52.0                  | 32.5                 | 79.6                   | 9 100  | 12 300 *                       | 37.5                 | 82.9                   | 7 700  | 13 500 *                       | 44.6                 | 86.8                   | 5 800  | 15 800 *                       | 50.8                 | 89.3                   | 3 800  | 18 600 *                       | 52.0                  |
| 54.0                  | 28.0                 | 76.1                   | 8 500  | 11 500 *                       | 33.6                 | 80.0                   | 7 200  | 12 600 *                       | 41.3                 | 84.6                   | 5 200  | 14 600 *                       | 47.9                 | 87.5                   | 3 400  | 17 200 *                       | 54.0                  |
| 56.0                  | 22.8                 | 71.8                   | 7 900  | 10 700 *                       | 29.3                 | 76.7                   | 6 700  | 11 700 *                       | 37.8                 | 82.2                   | 4 800  | 13 600 *                       | 44.8                 | 85.6                   | 3 000  | 15 900 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                | 24.4                 | 72.7                   | 6 200  | 10 900 *                       | 34.0                 | 79.4                   | 4 400  | 12 700 *                       | 41.5                 | 83.4                   | 2 600  | 14 700 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                | 18.1                 | 67.4                   | 5 700  | 10 200 *                       | 29.8                 | 76.1                   | 4 000  | 11 800 *                       | 38.0                 | 81.0                   | 2 300  | 13 700 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                | 24.9                 | 72.2                   | 3 600  | 11 000 *                       | 34.2                 | 78.2                   | 2 000  | 12 700 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                | 18.9                 | 67.1                   | 3 300  | 10 300 *                       | 30.0                 | 75.0                   | 1 700  | 11 800 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.2                 | 71.1                   | 1 400  | 11 100 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.2                 | 66.1                   | 1 100  | 10 300 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 10.2                 | 58.2                   | 900  | 9 700 *                        | 70.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 48.8m (160 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 29.0                  | 68.0                 | 102.8                  | 22 800   | 30 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.0                  |
| 30.0                  | 66.9                 | 102.4                  | 21 600   | 29 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 64.6                 | 101.5                  | 19 700   | 28 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 62.2                 | 100.4                  | 18 000   | 25 400 *                       | 65.2                 | 101.3                  | 15 500   | 28 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 59.8                 | 99.3                   | 16 500   | 23 100 *                       | 62.9                 | 100.3                  | 14 200   | 26 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 57.4                 | 98.1                   | 15 200   | 21 000 *                       | 60.5                 | 99.2                   | 13 000   | 23 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 54.8                 | 96.7                   | 14 000   | 19 300 *                       | 58.0                 | 98.0                   | 12 000   | 21 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 40.0                  |
| 42.0                  | 52.2                 | 95.2                   | 13 000   | 17 700 *                       | 55.5                 | 96.7                   | 11 100   | 19 700 *                       | 60.7                 | 98.4                   | 8 500  | 24 000 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 49.5                 | 93.6                   | 12 000   | 16 300 *                       | 53.0                 | 95.2                   | 10 200   | 18 100 *                       | 58.3                 | 97.2                   | 7 800  | 21 800 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 46.7                 | 91.7                   | 11 100   | 15 100 *                       | 50.3                 | 93.6                   | 9 500  | 16 700 *                       | 55.8                 | 95.9                   | 7 100  | 19 900 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 43.7                 | 89.7                   | 10 300   | 14 000 *                       | 47.5                 | 91.9                   | 8 800  | 15 400 *                       | 53.2                 | 94.4                   | 6 500  | 18 300 *                       |                      |                        |  |                                | 48.0                  |
| 50.0                  | 40.6                 | 87.5                   | 9 600  | 13 000 *                       | 44.6                 | 89.9                   | 8 100  | 14 300 *                       | 50.6                 | 92.8                   | 6 000  | 16 800 *                       | 55.9                 | 94.6                   | 3 800  | 20 000 *                       | 50.0                  |
| 52.0                  | 37.2                 | 85.0                   | 8 900  | 12 100 *                       | 41.5                 | 87.7                   | 7 500  | 13 200 *                       | 47.8                 | 91.1                   | 5 400  | 15 500 *                       | 53.4                 | 93.2                   | 3 400  | 18 400 *                       | 52.0                  |
| 54.0                  | 33.6                 | 82.1                   | 8 300  | 11 300 *                       | 38.2                 | 85.3                   | 6 900  | 12 300 *                       | 44.9                 | 89.1                   | 5 000  | 14 400 *                       | 50.7                 | 91.6                   | 3 000  | 16 900 *                       | 54.0                  |
| 56.0                  | 29.5                 | 78.8                   | 7 700  | 10 500 *                       | 34.6                 | 82.5                   | 6 400  | 11 500 *                       | 41.8                 | 87.0                   | 4 500  | 13 300 *                       | 47.9                 | 89.8                   | 2 600  | 15 600 *                       | 56.0                  |
| 58.0                  | 24.9                 | 74.8                   | 7 100  | 9 800 *                        | 30.7                 | 79.4                   | 5 900  | 10 700 *                       | 38.5                 | 84.6                   | 4 100  | 12 400 *                       | 45.0                 | 87.9                   | 2 300  | 14 500 *                       | 58.0                  |
| 60.0                  | 19.3                 | 69.8                   | 6 600  | 9 200 *                        | 26.3                 | 75.6                   | 5 500  | 10 000 *                       | 35.0                 | 81.9                   | 3 700  | 11 600 *                       | 42.0                 | 85.8                   | 2 000  | 13 400 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                | 21.0                 | 71.0                   | 5 000  | 9 300 *                        | 31.1                 | 78.7                   | 3 300  | 10 800 *                       | 38.7                 | 83.4                   | 1 700  | 12 500 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                | 13.8                 | 64.4                   | 4 600  | 8 700 *                        | 26.8                 | 75.1                   | 3 000  | 10 100 *                       | 35.2                 | 80.7                   | 1 400  | 11 600 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                | 21.6                 | 70.5                   | 2 700  | 9 400 *                        | 31.3                 | 77.6                   | 1 200  | 10 800 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                | 14.7                 | 64.3                   | 2 300  | 8 800 *                        | 27.0                 | 73.9                   | 900  | 10 100 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.9                 | 69.5                   | 600  | 9 400 *                        | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 15.2                 | 63.3                   | 400  | 8 800 *                        | 72.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 48.8m (160 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 32.0                  | 66.0                 | 104.8                  | 19 500   | 26 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 63.8                 | 103.9                  | 17 800   | 24 900 *                       | 66.6                 | 104.7                  | 15 200   | 26 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 61.6                 | 102.8                  | 16 300   | 22 900 *                       | 64.4                 | 103.7                  | 13 900   | 25 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 59.3                 | 101.7                  | 15 000   | 20 800 *                       | 62.2                 | 102.7                  | 12 800   | 23 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 56.9                 | 100.4                  | 13 800   | 19 000 *                       | 59.9                 | 101.6                  | 11 700   | 21 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 40.0                  |
| 42.0                  | 54.5                 | 99.0                   | 12 800   | 17 500 *                       | 57.6                 | 100.4                  | 10 800   | 19 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 42.0                  |
| 44.0                  | 52.0                 | 97.5                   | 11 800   | 16 100 *                       | 55.2                 | 99.0                   | 10 000   | 17 900 *                       | 60.2                 | 100.7                  | 7 500  | 21 600 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 49.5                 | 95.9                   | 10 900   | 14 800 *                       | 52.7                 | 97.5                   | 9 200  | 16 500 *                       | 57.8                 | 99.5                   | 6 800  | 19 700 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 46.8                 | 94.0                   | 10 100   | 13 800 *                       | 50.2                 | 95.9                   | 8 500  | 15 200 *                       | 55.5                 | 98.2                   | 6 200  | 18 100 *                       |                      |                        |  |                                | 48.0                  |
| 50.0                  | 44.0                 | 92.0                   | 9 400  | 12 800 *                       | 47.6                 | 94.2                   | 7 800  | 14 000 *                       | 53.0                 | 96.7                   | 5 700  | 16 600 *                       |                      |                        |  |                                | 50.0                  |
| 52.0                  | 41.1                 | 89.8                   | 8 700  | 11 800 *                       | 44.8                 | 92.2                   | 7 200  | 13 000 *                       | 50.5                 | 95.1                   | 5 200  | 15 300 *                       | 55.6                 | 96.9                   | 3 100  | 18 100 *                       | 52.0                  |
| 54.0                  | 37.9                 | 87.4                   | 8 000  | 11 000 *                       | 41.9                 | 90.1                   | 6 700  | 12 100 *                       | 47.8                 | 93.4                   | 4 700  | 14 200 *                       | 53.1                 | 95.5                   | 2 700  | 16 700 *                       | 54.0                  |
| 56.0                  | 34.5                 | 84.6                   | 7 500  | 10 300 *                       | 38.8                 | 87.7                   | 6 200  | 11 200 *                       | 45.1                 | 91.5                   | 4 300  | 13 100 *                       | 50.6                 | 93.9                   | 2 400  | 15 400 *                       | 56.0                  |
| 58.0                  | 30.8                 | 81.4                   | 7 000  | 9 600 *                        | 35.5                 | 85.0                   | 5 700  | 10 500 *                       | 42.2                 | 89.3                   | 3 900  | 12 200 *                       | 48.0                 | 92.1                   | 2 100  | 14 200 *                       | 58.0                  |
| 60.0                  | 26.7                 | 77.7                   | 6 400  | 8 900 *                        | 31.9                 | 82.0                   | 5 300  | 9 800 *                        | 39.1                 | 87.0                   | 3 500  | 11 300 *                       | 45.2                 | 90.2                   | 1 700  | 13 200 *                       | 60.0                  |
| 62.0                  | 21.8                 | 73.2                   | 6 000  | 8 300 *                        | 27.9                 | 78.4                   | 4 900  | 9 100 *                        | 35.9                 | 84.3                   | 3 100  | 10 600 *                       | 42.4                 | 88.1                   | 1 400  | 12 200 *                       | 62.0                  |
| 64.0                  | 15.4                 | 67.1                   | 5 500  | 7 800 *                        | 23.2                 | 74.2                   | 4 400  | 8 500 *                        | 32.3                 | 81.3                   | 2 800  | 9 800 *                        | 39.3                 | 85.8                   | 1 200  | 11 400 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                | 17.4                 | 68.7                   | 4 000  | 7 900 *                        | 28.3                 | 77.8                   | 2 500  | 9 200 *                        | 36.0                 | 83.1                   | 900  | 10 600 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                | 23.8                 | 73.7                   | 2 200  | 8 600 *                        | 32.5                 | 80.2                   | 700  | 9 900 *                        | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                | 18.1                 | 68.3                   | 1 900  | 8 000 *                        | 28.5                 | 76.7                   | 400  | 9 200 *                        | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                 | 72.6                   | 200  | 8 600 *                        | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.5                 | 67.3                   |  | 8 000 *                        | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 10.2                 | 59.3                   |  | 7 500 *                        | 76.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 48.8m (160 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 35.1                  |                      |                        |  |                                | 66.8                 | 107.5                  | 14 200   | 23 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 35.1                  |
| 36.0                  |                      |                        |  |                                | 65.8                 | 107.1                  | 13 600   | 22 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 63.7                 | 106.2                  | 12 500   | 21 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 58.8                 | 104.0                  | 13 500   | 18 200 *                       | 61.6                 | 105.1                  | 11 500   | 19 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 40.0                  |
| 42.0                  | 56.6                 | 102.7                  | 12 500   | 17 000 *                       | 59.4                 | 104.0                  | 10 500   | 18 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 42.0                  |
| 44.0                  | 54.3                 | 101.3                  | 11 500   | 15 900 *                       | 57.2                 | 102.7                  | 9 700  | 17 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 44.0                  |
| 46.0                  | 51.9                 | 99.8                   | 10 700   | 14 800 *                       | 54.9                 | 101.3                  | 8 900  | 16 300 *                       | 59.6                 | 103.1                  | 6 500  | 18 700 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 49.5                 | 98.2                   | 9 900  | 13 600 *                       | 52.6                 | 99.8                   | 8 200  | 15 100 *                       | 57.4                 | 101.9                  | 5 900  | 17 500 *                       |                      |                        |  |                                | 48.0                  |
| 50.0                  | 46.9                 | 96.3                   | 9 100  | 12 600 *                       | 50.1                 | 98.2                   | 7 600  | 13 900 *                       | 55.1                 | 100.5                  | 5 400  | 16 400 *                       |                      |                        |  |                                | 50.0                  |
| 52.0                  | 44.3                 | 94.4                   | 8 500  | 11 700 *                       | 47.6                 | 96.5                   | 7 000  | 12 900 *                       | 52.8                 | 99.0                   | 4 900  | 15 300 *                       | 57.5                 | 100.6                  | 2 800  | 17 400 *                       | 52.0                  |
| 54.0                  | 41.5                 | 92.2                   | 7 800  | 10 900 *                       | 45.0                 | 94.5                   | 6 400  | 12 000 *                       | 50.4                 | 97.4                   | 4 400  | 14 100 *                       | 55.3                 | 99.3                   | 2 400  | 16 300 *                       | 54.0                  |
| 56.0                  | 38.5                 | 89.8                   | 7 300  | 10 100 *                       | 42.3                 | 92.4                   | 5 900  | 11 100 *                       | 47.9                 | 95.7                   | 4 000  | 13 000 *                       | 52.9                 | 97.8                   | 2 100  | 15 300 *                       | 56.0                  |
| 58.0                  | 35.4                 | 87.1                   | 6 700  | 9 400 *                        | 39.4                 | 90.1                   | 5 500  | 10 300 *                       | 45.3                 | 93.8                   | 3 600  | 12 100 *                       | 50.5                 | 96.2                   | 1 700  | 14 100 *                       | 58.0                  |
| 60.0                  | 32.0                 | 84.0                   | 6 200  | 8 700 *                        | 36.3                 | 87.4                   | 5 000  | 9 600 *                        | 42.6                 | 91.7                   | 3 200  | 11 200 *                       | 48.0                 | 94.4                   | 1 400  | 13 100 *                       | 60.0                  |
| 62.0                  | 28.2                 | 80.5                   | 5 700  | 8 100 *                        | 33.0                 | 84.5                   | 4 600  | 8 900 *                        | 39.7                 | 89.3                   | 2 800  | 10 400 *                       | 45.4                 | 92.5                   | 1 100  | 12 100 *                       | 62.0                  |
| 64.0                  | 23.8                 | 76.3                   | 5 300  | 7 500 *                        | 29.3                 | 81.1                   | 4 200  | 8 300 *                        | 36.6                 | 86.8                   | 2 500  | 9 700 *                        | 42.7                 | 90.4                   | 900  | 11 200 *                       | 64.0                  |
| 66.0                  | 18.5                 | 71.1                   | 4 800  | 7 000 *                        | 25.1                 | 77.2                   | 3 800  | 7 800 *                        | 33.3                 | 83.9                   | 2 200  | 9 000 *                        | 39.8                 | 88.1                   | 600  | 10 500 *                       | 66.0                  |
| 68.0                  | 10.9                 | 63.3                   | 4 400  | 6 200 *                        | 20.1                 | 72.3                   | 3 500  | 7 200 *                        | 29.7                 | 80.5                   | 1 900  | 8 400 *                        | 36.8                 | 85.6                   | 300  | 9 700 *                        | 68.0                  |
| 70.0                  |                      |                        |  |                                | 13.5                 | 65.5                   | 3 100  | 6 600 *                        | 25.6                 | 76.7                   | 1 600  | 7 800 *                        | 33.5                 | 82.7                   | 100  | 9 100 *                        | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                | 20.7                 | 71.9                   | 1 300  | 7 300 *                        | 29.9                 | 79.4                   |  | 8 400 *                        | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                | 14.3                 | 65.4                   | 1 100  | 6 800 *                        | 25.8                 | 75.5                   |  | 7 800 *                        | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.0                 | 70.8                   |  | 7 300 *                        | 76.0                  |
| 78.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 14.7                 | 64.5                   |  | 6 800 *                        | 78.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 54.9m (180 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 18.3                  | 64.7                 | 77.3                   | 44 200 <b>b</b>  | 78 900 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.3                  |
| 20.0                  | 59.5                 | 76.3                   | 39 400 <b>b</b>  | 65 600 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 52.9                 | 74.9                   | 34 900 <b>b</b>  | 54 700 * <b>b</b>              | 62.2                 | 76.4                   | 30 300 <b>b</b>  | 72 300 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 45.7                 | 73.1                   | 31 200   | 46 800 *                       | 55.8                 | 75.1                   | 27 100 <b>b</b>  | 59 000 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 37.4                 | 70.8                   | 28 100   | 40 700 *                       | 48.9                 | 73.5                   | 24 500   | 50 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 27.0                 | 67.5                   | 25 400   | 35 900 *                       | 41.2                 | 71.4                   | 22 300   | 43 200 *                       | 58.2                 | 74.5                   | 18 000 <b>b</b>  | 61 200 <b>b</b>                |                      |                        |  |                                | 28.0                  |
| 30.0                  |                      |                        |  |                                | 32.0                 | 68.6                   | 20 300   | 37 900 *                       | 51.5                 | 73.1                   | 16 400   | 53 300 *                       |                      |                        |  |                                | 30.0                  |
| 32.0                  |                      |                        |  |                                | 18.9                 | 64.2                   | 18 600   | 33 700 *                       | 44.1                 | 71.2                   | 15 000   | 45 500 *                       |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                |                      |                        |  |                                | 35.6                 | 68.7                   | 13 700   | 39 700 *                       | 53.6                 | 72.1                   | 10 400 <b>b</b>  | 46 200 <b>b</b>                | 34.0                  |
| 36.0                  |                      |                        |  |                                |                      |                        |  |                                | 24.5                 | 65.1                   | 12 600   | 35 100 *                       | 46.5                 | 70.3                   | 9 500  | 43 200                         | 36.0                  |
| 38.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 38.4                 | 68.0                   | 8 700  | 40 400                         | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.3                 | 64.9                   | 7 900  | 36 500 *                       | 40.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 54.9m (180 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 18.3                  | 68.1                 | 80.6                   | 43 900 <b>b</b>  | 77 400 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.3                  |
| 20.0                  | 63.6                 | 79.8                   | 39 200 <b>b</b>  | 66 200 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 58.2                 | 78.7                   | 34 700 <b>b</b>  | 55 000 * <b>b</b>              | 65.9                 | 79.8                   | 29 900 <b>b</b>  | 72 300 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 52.4                 | 77.2                   | 31 000   | 47 000 *                       | 60.6                 | 78.7                   | 26 800 <b>b</b>  | 59 400 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 46.1                 | 75.4                   | 27 900   | 40 900 *                       | 55.0                 | 77.4                   | 24 200   | 50 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 39.1                 | 73.2                   | 25 300   | 36 100 *                       | 49.0                 | 75.8                   | 22 000   | 43 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 30.6                 | 70.2                   | 23 100   | 32 200 *                       | 42.3                 | 73.8                   | 20 100   | 38 100 *                       | 57.1                 | 76.9                   | 16 000   | 53 500 *                       |                      |                        |  |                                | 30.0                  |
| 32.0                  | 19.0                 | 65.7                   | 21 100   | 28 900 *                       | 34.5                 | 71.2                   | 18 400   | 33 800 *                       | 51.2                 | 75.4                   | 14 600   | 45 700 *                       |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 24.7                 | 67.5                   | 16 900   | 30 300 *                       | 44.8                 | 73.5                   | 13 400   | 39 800 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                |                      |                        |  |                                | 37.5                 | 71.1                   | 12 300   | 35 300 *                       | 53.0                 | 74.4                   | 9 100  | 42 900                         | 36.0                  |
| 38.0                  |                      |                        |  |                                |                      |                        |  |                                | 28.7                 | 68.0                   | 11 300   | 31 500 *                       | 46.8                 | 72.6                   | 8 300  | 40 200                         | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 39.8                 | 70.4                   | 7 600  | 36 700 *                       | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 31.6                 | 67.6                   | 6 900  | 32 600 *                       | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.5                 | 63.3                   | 6 300  | 29 300 *                       | 44.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 54.9m (180 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 18.3                  | 70.6                 | 83.9                   | 43 800 <b>b</b>  | 71 700 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.3                  |
| 20.0                  | 66.8                 | 83.2                   | 39 000 <b>b</b>  | 66 800 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 62.1                 | 82.2                   | 34 500   | 55 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 57.2                 | 81.0                   | 30 900   | 47 200 *                       | 64.2                 | 82.2                   | 26 500   | 59 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 52.0                 | 79.5                   | 27 800   | 41 000 *                       | 59.4                 | 81.1                   | 23 900   | 50 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 46.5                 | 77.7                   | 25 200   | 36 100 *                       | 54.3                 | 79.7                   | 21 800   | 43 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 40.3                 | 75.6                   | 23 000   | 32 300 *                       | 49.0                 | 78.1                   | 19 900   | 38 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 33.2                 | 72.8                   | 21 000   | 29 000 *                       | 43.1                 | 76.1                   | 18 200   | 33 900 *                       | 56.2                 | 79.2                   | 14 400   | 45 800 *                       |                      |                        |  |                                | 32.0                  |
| 34.0                  | 24.2                 | 69.0                   | 19 300   | 26 300 *                       | 36.4                 | 73.7                   | 16 800   | 30 300 *                       | 51.0                 | 77.7                   | 13 200   | 40 000 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 28.4                 | 70.4                   | 15 400   | 27 400 *                       | 45.3                 | 75.8                   | 12 100   | 35 300 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 17.3                 | 65.5                   | 14 300   | 24 900 *                       | 38.9                 | 73.5                   | 11 200   | 31 600 *                       | 52.6                 | 76.7                   | 8 100  | 40 000                         | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                | 31.5                 | 70.6                   | 10 300   | 28 400 *                       | 47.1                 | 74.9                   | 7 400  | 36 800 *                       | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                | 22.0                 | 66.5                   | 9 500  | 25 800 *                       | 41.0                 | 72.8                   | 6 700  | 32 600 *                       | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 34.0                 | 70.1                   | 6 200  | 29 400 *                       | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.3                 | 66.5                   | 5 600  | 26 600 *                       | 46.0                  |





# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 54.9m (180 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 19.8                  | 69.6                 | 86.6                   | 39 300 <b>b</b>  | 62 900 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.8                  |
| 20.0                  | 69.2                 | 86.5                   | 38 800 <b>b</b>  | 62 400 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 65.1                 | 85.6                   | 34 300   | 56 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 60.9                 | 84.6                   | 30 600   | 47 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 56.4                 | 83.3                   | 27 600   | 41 200 *                       | 62.7                 | 84.6                   | 23 600   | 50 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 51.7                 | 81.8                   | 25 000   | 36 300 *                       | 58.4                 | 83.4                   | 21 400   | 43 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 46.7                 | 80.1                   | 22 800   | 32 300 *                       | 53.8                 | 82.1                   | 19 500   | 38 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 41.2                 | 77.9                   | 20 900   | 29 000 *                       | 49.0                 | 80.4                   | 17 900   | 33 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 35.0                 | 75.3                   | 19 200   | 26 300 *                       | 43.7                 | 78.5                   | 16 500   | 30 400 *                       | 55.5                 | 81.5                   | 12 800   | 40 100 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  | 27.6                 | 71.9                   | 17 700   | 23 900 *                       | 37.9                 | 76.1                   | 15 200   | 27 400 *                       | 50.8                 | 80.0                   | 11 800   | 35 400 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  | 17.5                 | 66.9                   | 16 300   | 21 900 *                       | 31.1                 | 73.1                   | 14 100   | 24 900 *                       | 45.7                 | 78.1                   | 10 800   | 31 600 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                | 22.5                 | 69.0                   | 13 000   | 22 700 *                       | 40.0                 | 75.9                   | 10 000   | 28 500 *                       | 52.2                 | 79.0                   | 7 000  | 37 000 *                       | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                | 33.7                 | 73.2                   | 9 200  | 25 800 *                       | 47.3                 | 77.2                   | 6 400  | 32 700 *                       | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                | 25.9                 | 69.6                   | 8 500  | 23 500 *                       | 41.8                 | 75.1                   | 5 800  | 29 400 *                       | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 35.7                 | 72.6                   | 5 300  | 26 600 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.5                 | 69.3                   | 4 800  | 24 200 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.8                 | 64.6                   | 4 300  | 22 100 *                       | 50.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 54.9m (180 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 21.3                  | 68.8                 | 89.2                   | 35 500   | 58 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.3                  |
| 22.0                  | 67.5                 | 89.0                   | 34 100   | 55 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 63.7                 | 88.0                   | 30 400   | 48 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 59.8                 | 86.9                   | 27 400   | 42 100 *                       | 65.4                 | 88.0                   | 23 300   | 51 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 55.8                 | 85.6                   | 24 800   | 37 000 *                       | 61.6                 | 87.0                   | 21 100   | 44 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 51.5                 | 84.1                   | 22 600   | 33 000 *                       | 57.6                 | 85.8                   | 19 300   | 39 100 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 46.9                 | 82.4                   | 20 600   | 29 700 *                       | 53.4                 | 84.4                   | 17 600   | 34 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 42.0                 | 80.3                   | 18 900   | 26 800 *                       | 49.0                 | 82.7                   | 16 200   | 31 000 *                       | 59.0                 | 85.1                   | 12 500   | 41 000 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  | 36.5                 | 77.8                   | 17 500   | 24 400 *                       | 44.2                 | 80.8                   | 15 000   | 28 000 *                       | 54.9                 | 83.8                   | 11 500   | 36 200 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  | 30.2                 | 74.6                   | 16 100   | 22 400 *                       | 39.0                 | 78.5                   | 13 800   | 25 500 *                       | 50.6                 | 82.3                   | 10 600   | 32 300 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  | 22.2                 | 70.5                   | 14 900   | 20 600 *                       | 33.1                 | 75.7                   | 12 800   | 23 200 *                       | 46.0                 | 80.4                   | 9 700  | 29 000 *                       | 56.2                 | 82.8                   | 6 600  | 36 900                         | 40.0                  |
| 42.0                  |                      |                        |  |                                | 26.0                 | 72.0                   | 11 900   | 21 400 *                       | 40.9                 | 78.3                   | 8 900  | 26 300 *                       | 52.0                 | 81.3                   | 6 000  | 33 500 *                       | 42.0                  |
| 44.0                  |                      |                        |  |                                | 16.2                 | 66.7                   | 11 000   | 19 700 *                       | 35.3                 | 75.7                   | 8 200  | 24 000 *                       | 47.4                 | 79.5                   | 5 500  | 30 000 *                       | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                | 28.7                 | 72.4                   | 7 600  | 22 000 *                       | 42.5                 | 77.5                   | 5 000  | 27 200 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                | 20.3                 | 67.9                   | 7 000  | 20 300 *                       | 37.1                 | 75.0                   | 4 500  | 24 700 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.9                 | 72.0                   | 4 100  | 22 600 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 23.2                 | 68.0                   | 3 700  | 20 800 *                       | 52.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 54.9m (180 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 21.3                  | 70.6                 | 92.5                   | 35 200   | 53 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.3                  |
| 22.0                  | 69.5                 | 92.3                   | 33 900   | 52 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 66.1                 | 91.4                   | 30 100   | 48 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 62.6                 | 90.4                   | 27 100   | 42 300 *                       | 67.6                 | 91.3                   | 23 000   | 51 100 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 59.0                 | 89.3                   | 24 500   | 37 200 *                       | 64.1                 | 90.4                   | 20 800   | 45 100 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 55.2                 | 88.0                   | 22 300   | 33 000 *                       | 60.6                 | 89.4                   | 19 000   | 39 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 51.3                 | 86.4                   | 20 400   | 29 600 *                       | 56.9                 | 88.1                   | 17 400   | 34 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 47.1                 | 84.7                   | 18 700   | 26 800 *                       | 53.0                 | 86.7                   | 16 000   | 31 100 *                       | 61.9                 | 88.7                   | 12 200   | 41 200 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  | 42.6                 | 82.6                   | 17 300   | 24 400 *                       | 49.0                 | 85.0                   | 14 700   | 28 000 *                       | 58.2                 | 87.5                   | 11 100   | 36 300 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  | 37.7                 | 80.2                   | 15 900   | 22 300 *                       | 44.6                 | 83.1                   | 13 600   | 25 400 *                       | 54.5                 | 86.1                   | 10 200   | 32 300 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  | 32.1                 | 77.3                   | 14 700   | 20 500 *                       | 39.9                 | 80.8                   | 12 600   | 23 200 *                       | 50.5                 | 84.6                   | 9 400  | 29 000 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 25.5                 | 73.5                   | 13 700   | 18 900 *                       | 34.7                 | 78.2                   | 11 600   | 21 300 *                       | 46.2                 | 82.7                   | 8 600  | 26 300 *                       | 55.6                 | 85.1                   | 5 700  | 33 500 *                       | 42.0                  |
| 44.0                  | 16.5                 | 68.1                   | 12 700   | 17 500 *                       | 28.6                 | 74.8                   | 10 800   | 19 600 *                       | 41.7                 | 80.6                   | 7 900  | 24 000 *                       | 51.7                 | 83.6                   | 5 100  | 30 000 *                       | 44.0                  |
| 46.0                  |                      |                        |  |                                | 20.9                 | 70.4                   | 10 000   | 18 100 *                       | 36.6                 | 78.1                   | 7 300  | 22 000 *                       | 47.6                 | 81.8                   | 4 600  | 27 100 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                | 30.9                 | 75.0                   | 6 700  | 20 200 *                       | 43.1                 | 79.8                   | 4 200  | 24 600 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                | 24.0                 | 71.1                   | 6 200  | 18 600 *                       | 38.2                 | 77.4                   | 3 800  | 22 500 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.8                 | 74.6                   | 3 400  | 20 700 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.3                 | 70.9                   | 3 000  | 19 100 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 17.6                 | 65.8                   | 2 600  | 17 700 *                       | 56.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 54.9m (180 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 22.9                  | 69.8                 | 95.2                   | 32 000   | 48 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.9                  |
| 24.0                  | 68.0                 | 94.7                   | 30 100   | 47 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 64.9                 | 93.8                   | 27 000   | 42 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 61.6                 | 92.8                   | 24 400   | 37 100 *                       | 66.3                 | 93.8                   | 20 700   | 44 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 58.3                 | 91.6                   | 22 200   | 33 000 *                       | 63.1                 | 92.8                   | 18 800   | 39 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 54.8                 | 90.3                   | 20 300   | 29 600 *                       | 59.7                 | 91.7                   | 17 200   | 34 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 51.1                 | 88.7                   | 18 600   | 26 800 *                       | 56.3                 | 90.4                   | 15 800   | 31 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 47.3                 | 87.0                   | 17 200   | 24 300 *                       | 52.7                 | 89.0                   | 14 600   | 28 000 *                       | 60.9                 | 91.0                   | 11 000   | 36 300 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  | 43.1                 | 84.9                   | 15 800   | 22 200 *                       | 49.0                 | 87.3                   | 13 400   | 25 300 *                       | 57.6                 | 89.8                   | 10 100   | 32 300 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  | 38.7                 | 82.6                   | 14 700   | 20 400 *                       | 45.0                 | 85.4                   | 12 400   | 23 100 *                       | 54.0                 | 88.4                   | 9 200  | 29 000 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 33.7                 | 79.8                   | 13 600   | 18 800 *                       | 40.7                 | 83.2                   | 11 500   | 21 200 *                       | 50.4                 | 86.9                   | 8 500  | 26 200 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 28.0                 | 76.4                   | 12 700   | 17 400 *                       | 35.9                 | 80.6                   | 10 700   | 19 500 *                       | 46.5                 | 85.0                   | 7 800  | 23 900 *                       | 55.1                 | 87.4                   | 5 000  | 30 000 *                       | 44.0                  |
| 46.0                  | 20.8                 | 71.8                   | 11 800   | 16 200 *                       | 30.6                 | 77.5                   | 9 900  | 18 000 *                       | 42.3                 | 83.0                   | 7 200  | 21 900 *                       | 51.5                 | 85.9                   | 4 500  | 27 100 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                | 24.2                 | 73.6                   | 9 200  | 16 700 *                       | 37.7                 | 80.5                   | 6 600  | 20 100 *                       | 47.7                 | 84.1                   | 4 100  | 24 600 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                | 15.4                 | 67.8                   | 8 500  | 15 500 *                       | 32.6                 | 77.6                   | 6 100  | 18 600 *                       | 43.6                 | 82.1                   | 3 600  | 22 500 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                | 26.7                 | 74.0                   | 5 600  | 17 200 *                       | 39.2                 | 79.8                   | 3 300  | 20 700 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                | 19.0                 | 69.2                   | 5 100  | 15 900 *                       | 34.3                 | 77.1                   | 2 900  | 19 000 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.6                 | 73.7                   | 2 600  | 17 600 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.6                 | 69.4                   | 2 200  | 16 300 *                       | 58.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 24.4                  | 69.1                 | 97.9                   | 29 200   | 43 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.4                  |
| 26.0                  | 66.8                 | 97.2                   | 26 700   | 42 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 63.8                 | 96.3                   | 24 200   | 36 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 60.8                 | 95.2                   | 21 900   | 32 800 *                       | 65.1                 | 96.2                   | 18 500   | 39 100 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 57.6                 | 94.0                   | 20 000   | 29 400 *                       | 62.1                 | 95.2                   | 16 900   | 34 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 54.4                 | 92.6                   | 18 400   | 26 500 *                       | 59.0                 | 94.1                   | 15 500   | 30 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 51.0                 | 91.0                   | 16 900   | 24 100 *                       | 55.8                 | 92.8                   | 14 300   | 27 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 47.4                 | 89.3                   | 15 600   | 22 000 *                       | 52.5                 | 91.3                   | 13 200   | 25 200 *                       | 60.1                 | 93.4                   | 9 700  | 32 100 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  | 43.6                 | 87.3                   | 14 400   | 20 200 *                       | 49.0                 | 89.6                   | 12 100   | 22 900 *                       | 57.0                 | 92.2                   | 8 900  | 28 800 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 39.5                 | 85.0                   | 13 400   | 18 600 *                       | 45.3                 | 87.7                   | 11 200   | 21 000 *                       | 53.7                 | 90.8                   | 8 200  | 26 000 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 35.0                 | 82.3                   | 12 400   | 17 200 *                       | 41.3                 | 85.6                   | 10 400   | 19 300 *                       | 50.3                 | 89.2                   | 7 500  | 23 700 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 29.9                 | 79.1                   | 11 600   | 16 000 *                       | 37.0                 | 83.1                   | 9 700  | 17 800 *                       | 46.6                 | 87.4                   | 6 900  | 21 700 *                       | 54.7                 | 89.7                   | 4 200  | 26 800 *                       | 46.0                  |
| 48.0                  | 23.9                 | 75.0                   | 10 700   | 14 800 *                       | 32.2                 | 80.1                   | 9 000  | 16 500 *                       | 42.8                 | 85.3                   | 6 300  | 19 900 *                       | 51.3                 | 88.2                   | 3 700  | 24 400 *                       | 48.0                  |
| 50.0                  | 15.7                 | 69.3                   | 9 900  | 13 800 *                       | 26.7                 | 76.5                   | 8 300  | 15 300 *                       | 38.6                 | 82.9                   | 5 800  | 18 300 *                       | 47.8                 | 86.4                   | 3 300  | 22 300 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                | 19.7                 | 71.7                   | 7 700  | 14 200 *                       | 34.0                 | 80.2                   | 5 300  | 17 000 *                       | 44.0                 | 84.5                   | 3 000  | 20 400 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                | 28.8                 | 76.8                   | 4 900  | 15 700 *                       | 39.9                 | 82.2                   | 2 600  | 18 800 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                | 22.5                 | 72.5                   | 4 400  | 14 600 *                       | 35.5                 | 79.6                   | 2 300  | 17 400 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.5                 | 76.4                   | 1 900  | 16 100 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.6                 | 72.5                   | 1 600  | 15 000 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 16.8                 | 67.0                   | 1 300  | 13 900 *                       | 62.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 54.9m (180 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 24.4                  | 70.6                 | 101.1                  | 28 900   | 42 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.4                  |
| 26.0                  | 68.4                 | 100.5                  | 26 500   | 40 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 65.7                 | 99.6                   | 23 900   | 37 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 62.9                 | 98.7                   | 21 700   | 33 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 60.0                 | 97.5                   | 19 800   | 29 700 *                       | 64.1                 | 98.6                   | 16 600   | 34 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 57.1                 | 96.3                   | 18 100   | 26 800 *                       | 61.3                 | 97.6                   | 15 200   | 31 100 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 54.0                 | 94.9                   | 16 700   | 24 300 *                       | 58.4                 | 96.4                   | 14 000   | 28 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 50.8                 | 93.3                   | 15 400   | 22 200 *                       | 55.4                 | 95.1                   | 12 900   | 25 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 47.5                 | 91.6                   | 14 200   | 20 400 *                       | 52.2                 | 93.6                   | 11 900   | 23 100 *                       | 59.4                 | 95.8                   | 8 600  | 29 000 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 44.0                 | 89.6                   | 13 200   | 18 700 *                       | 49.0                 | 91.9                   | 11 000   | 21 100 *                       | 56.5                 | 94.5                   | 7 900  | 26 200 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 40.2                 | 87.3                   | 12 200   | 17 300 *                       | 45.5                 | 90.0                   | 10 200   | 19 400 *                       | 53.4                 | 93.1                   | 7 200  | 23 900 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 36.1                 | 84.7                   | 11 400   | 16 100 *                       | 41.9                 | 87.9                   | 9 400  | 17 900 *                       | 50.2                 | 91.5                   | 6 600  | 21 800 *                       | 57.4                 | 93.4                   | 3 800  | 27 100 *                       | 46.0                  |
| 48.0                  | 31.5                 | 81.7                   | 10 500   | 14 900 *                       | 37.9                 | 85.5                   | 8 700  | 16 600 *                       | 46.8                 | 89.7                   | 6 000  | 20 000 *                       | 54.3                 | 92.0                   | 3 400  | 24 600 *                       | 48.0                  |
| 50.0                  | 26.2                 | 78.0                   | 9 800  | 13 900 *                       | 33.6                 | 82.6                   | 8 100  | 15 400 *                       | 43.2                 | 87.6                   | 5 500  | 18 400 *                       | 51.2                 | 90.5                   | 3 000  | 22 400 *                       | 50.0                  |
| 52.0                  | 19.7                 | 73.2                   | 9 100  | 12 900 *                       | 28.7                 | 79.3                   | 7 500  | 14 300 *                       | 39.4                 | 85.3                   | 5 100  | 17 100 *                       | 47.8                 | 88.7                   | 2 600  | 20 600 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                | 22.8                 | 75.0                   | 6 900  | 13 300 *                       | 35.2                 | 82.6                   | 4 600  | 15 800 *                       | 44.3                 | 86.8                   | 2 300  | 18 900 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                | 14.8                 | 69.0                   | 6 400  | 12 500 *                       | 30.5                 | 79.5                   | 4 200  | 14 700 *                       | 40.6                 | 84.6                   | 2 000  | 17 500 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                | 25.1                 | 75.6                   | 3 800  | 13 700 *                       | 36.5                 | 82.0                   | 1 700  | 16 200 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                | 18.1                 | 70.4                   | 3 400  | 12 800 *                       | 32.0                 | 79.0                   | 1 400  | 15 100 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.8                 | 75.4                   | 1 100  | 14 000 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.5                 | 70.7                   | 900  | 13 100 *                       | 64.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 25.9                  | 69.9                 | 103.8                  | 26 300   | 37 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.9                  |
| 26.0                  | 69.8                 | 103.8                  | 26 200   | 37 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 67.3                 | 103.0                  | 23 700   | 36 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 64.7                 | 102.1                  | 21 400   | 33 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 62.1                 | 101.0                  | 19 500   | 29 700 *                       | 65.9                 | 102.0                  | 16 300   | 35 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 59.4                 | 99.9                   | 17 900   | 26 800 *                       | 63.2                 | 101.1                  | 14 900   | 31 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 56.6                 | 98.6                   | 16 400   | 24 300 *                       | 60.6                 | 100.0                  | 13 700   | 28 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 53.7                 | 97.2                   | 15 100   | 22 100 *                       | 57.8                 | 98.7                   | 12 600   | 25 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 50.7                 | 95.6                   | 14 000   | 20 300 *                       | 55.0                 | 97.4                   | 11 600   | 23 000 *                       | 61.5                 | 99.3                   | 8 300  | 29 100 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 47.6                 | 93.9                   | 12 900   | 18 600 *                       | 52.0                 | 95.9                   | 10 700   | 21 100 *                       | 58.8                 | 98.1                   | 7 500  | 26 200 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 44.3                 | 91.9                   | 12 000   | 17 200 *                       | 49.0                 | 94.2                   | 9 900  | 19 300 *                       | 56.0                 | 96.8                   | 6 900  | 23 800 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 40.8                 | 89.7                   | 11 100   | 15 900 *                       | 45.8                 | 92.3                   | 9 100  | 17 800 *                       | 53.1                 | 95.4                   | 6 300  | 21 800 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 37.0                 | 87.2                   | 10 300   | 14 800 *                       | 42.3                 | 90.2                   | 8 500  | 16 500 *                       | 50.1                 | 93.8                   | 5 700  | 19 900 *                       | 56.9                 | 95.7                   | 3 100  | 24 600 *                       | 48.0                  |
| 50.0                  | 32.9                 | 84.3                   | 9 600  | 13 700 *                       | 38.7                 | 87.9                   | 7 800  | 15 300 *                       | 46.9                 | 92.0                   | 5 200  | 18 400 *                       | 54.0                 | 94.3                   | 2 700  | 22 400 *                       | 50.0                  |
| 52.0                  | 28.2                 | 80.8                   | 8 900  | 12 800 *                       | 34.7                 | 85.1                   | 7 200  | 14 100 *                       | 43.6                 | 89.9                   | 4 800  | 16 900 *                       | 51.0                 | 92.8                   | 2 300  | 20 500 *                       | 52.0                  |
| 54.0                  | 22.6                 | 76.5                   | 8 300  | 11 900 *                       | 30.3                 | 81.9                   | 6 700  | 13 200 *                       | 40.0                 | 87.7                   | 4 300  | 15 700 *                       | 47.9                 | 91.0                   | 2 000  | 18 800 *                       | 54.0                  |
| 56.0                  | 15.1                 | 70.5                   | 7 700  | 11 000 *                       | 25.2                 | 78.1                   | 6 200  | 12 300 *                       | 36.2                 | 85.1                   | 3 900  | 14 500 *                       | 44.6                 | 89.1                   | 1 600  | 17 400 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                | 18.7                 | 73.0                   | 5 700  | 11 500 *                       | 32.0                 | 82.1                   | 3 500  | 13 500 *                       | 41.2                 | 86.9                   | 1 300  | 16 000 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                | 27.1                 | 78.5                   | 3 200  | 12 600 *                       | 37.4                 | 84.4                   | 1 100  | 14 900 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                | 21.3                 | 73.9                   | 2 800  | 11 800 *                       | 33.3                 | 81.6                   | 800  | 13 800 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                | 13.1                 | 67.3                   | 2 400  | 11 000 *                       | 28.7                 | 78.2                   | 500  | 12 900 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 23.2                 | 74.0                   | 300  | 12 000 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 16.1                 | 68.2                   | 100  | 11 200 *                       | 68.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 27.4                  | 69.4                 | 106.5                  | 24 200   | 34 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.4                  |
| 28.0                  | 68.7                 | 106.3                  | 23 500   | 34 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 66.3                 | 105.4                  | 21 300   | 32 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 63.9                 | 104.5                  | 19 400   | 29 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 61.4                 | 103.4                  | 17 800   | 26 600 *                       | 64.9                 | 104.5                  | 14 700   | 31 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 58.8                 | 102.3                  | 16 300   | 24 100 *                       | 62.5                 | 103.4                  | 13 500   | 27 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 56.2                 | 101.0                  | 15 000   | 22 000 *                       | 59.9                 | 102.3                  | 12 400   | 25 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 53.4                 | 99.5                   | 13 900   | 20 100 *                       | 57.3                 | 101.1                  | 11 400   | 22 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 40.0                  |
| 42.0                  | 50.6                 | 97.9                   | 12 800   | 18 500 *                       | 54.6                 | 99.7                   | 10 500   | 20 900 *                       | 60.8                 | 101.7                  | 7 400  | 26 100 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 47.7                 | 96.2                   | 11 800   | 17 000 *                       | 51.9                 | 98.2                   | 9 700  | 19 200 *                       | 58.3                 | 100.5                  | 6 700  | 23 700 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 44.6                 | 94.2                   | 11 000   | 15 800 *                       | 49.0                 | 96.5                   | 9 000  | 17 700 *                       | 55.6                 | 99.1                   | 6 100  | 21 600 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 41.3                 | 92.0                   | 10 200   | 14 600 *                       | 46.0                 | 94.7                   | 8 300  | 16 300 *                       | 52.9                 | 97.7                   | 5 600  | 19 800 *                       |                      |                        |  |                                | 48.0                  |
| 50.0                  | 37.8                 | 89.6                   | 9 500  | 13 600 *                       | 42.8                 | 92.6                   | 7 700  | 15 100 *                       | 50.0                 | 96.1                   | 5 100  | 18 200 *                       |                      |                        |  |                                | 50.0                  |
| 52.0                  | 34.0                 | 86.8                   | 8 800  | 12 700 *                       | 39.4                 | 90.2                   | 7 100  | 14 000 *                       | 47.1                 | 94.3                   | 4 600  | 16 800 *                       | 53.7                 | 96.7                   | 2 100  | 20 300 *                       | 52.0                  |
| 54.0                  | 29.7                 | 83.5                   | 8 200  | 11 800 *                       | 35.7                 | 87.6                   | 6 600  | 13 100 *                       | 43.9                 | 92.3                   | 4 200  | 15 600 *                       | 50.9                 | 95.1                   | 1 800  | 18 700 *                       | 54.0                  |
| 56.0                  | 24.9                 | 79.6                   | 7 600  | 11 000 *                       | 31.7                 | 84.6                   | 6 100  | 12 100 *                       | 40.6                 | 90.0                   | 3 800  | 14 400 *                       | 48.0                 | 93.3                   | 1 500  | 17 200 *                       | 56.0                  |
| 58.0                  | 18.8                 | 74.5                   | 7 000  | 10 300 *                       | 27.1                 | 80.9                   | 5 600  | 11 300 *                       | 37.1                 | 87.5                   | 3 400  | 13 400 *                       | 44.9                 | 91.4                   | 1 200  | 15 900 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                | 21.6                 | 76.4                   | 5 200  | 10 600 *                       | 33.2                 | 84.6                   | 3 000  | 12 500 *                       | 41.7                 | 89.3                   | 900  | 14 700 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                | 14.3                 | 70.1                   | 4 700  | 9 900 *                        | 28.8                 | 81.2                   | 2 700  | 11 600 *                       | 38.2                 | 86.8                   | 700  | 13 700 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                | 23.8                 | 77.1                   | 2 400  | 10 900 *                       | 34.4                 | 84.1                   | 400  | 12 700 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                | 17.3                 | 71.6                   | 2 100  | 10 100 *                       | 30.2                 | 80.8                   | 200  | 11 900 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.4                 | 77.0                   |  | 11 100 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.5                 | 72.0                   |  | 10 400 *                       | 70.0                  |





# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 54.9m (180 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 27.4                  | 70.6                 | 109.7                  | 23 900   | 32 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.4                  |
| 28.0                  | 69.9                 | 109.5                  | 23 300   | 31 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 67.7                 | 108.7                  | 21 000   | 30 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 65.4                 | 107.9                  | 19 100   | 28 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 63.1                 | 106.9                  | 17 500   | 26 400 *                       | 66.4                 | 107.8                  | 14 500   | 29 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 60.7                 | 105.8                  | 16 000   | 23 900 *                       | 64.1                 | 106.9                  | 13 200   | 27 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 58.3                 | 104.6                  | 14 800   | 21 700 *                       | 61.8                 | 105.8                  | 12 100   | 24 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 55.8                 | 103.3                  | 13 600   | 19 900 *                       | 59.3                 | 104.7                  | 11 200   | 22 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 40.0                  |
| 42.0                  | 53.2                 | 101.8                  | 12 500   | 18 200 *                       | 56.9                 | 103.4                  | 10 200   | 20 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 42.0                  |
| 44.0                  | 50.5                 | 100.2                  | 11 600   | 16 800 *                       | 54.3                 | 102.0                  | 9 500  | 18 900 *                       | 60.2                 | 104.0                  | 6 400  | 23 500 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 47.7                 | 98.5                   | 10 700   | 15 500 *                       | 51.7                 | 100.5                  | 8 700  | 17 400 *                       | 57.8                 | 102.8                  | 5 800  | 21 400 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 44.8                 | 96.5                   | 10 000   | 14 400 *                       | 49.0                 | 98.8                   | 8 000  | 16 100 *                       | 55.3                 | 101.5                  | 5 200  | 19 600 *                       |                      |                        |  |                                | 48.0                  |
| 50.0                  | 41.8                 | 94.4                   | 9 200  | 13 300 *                       | 46.1                 | 97.0                   | 7 400  | 14 900 *                       | 52.7                 | 100.0                  | 4 700  | 17 900 *                       |                      |                        |  |                                | 50.0                  |
| 52.0                  | 38.5                 | 92.0                   | 8 600  | 12 400 *                       | 43.1                 | 94.9                   | 6 800  | 13 800 *                       | 50.0                 | 98.4                   | 4 300  | 16 600 *                       | 56.0                 | 100.4                  | 1 800  | 20 100 *                       | 52.0                  |
| 54.0                  | 35.0                 | 89.3                   | 8 000  | 11 600 *                       | 40.0                 | 92.6                   | 6 300  | 12 800 *                       | 47.2                 | 96.6                   | 3 900  | 15 300 *                       | 53.5                 | 99.0                   | 1 500  | 18 400 *                       | 54.0                  |
| 56.0                  | 31.1                 | 86.1                   | 7 400  | 10 800 *                       | 36.5                 | 90.0                   | 5 800  | 11 900 *                       | 44.2                 | 94.6                   | 3 500  | 14 200 *                       | 50.8                 | 97.4                   | 1 100  | 17 000 *                       | 56.0                  |
| 58.0                  | 26.7                 | 82.5                   | 6 800  | 10 000 *                       | 32.8                 | 87.1                   | 5 400  | 11 100 *                       | 41.1                 | 92.4                   | 3 100  | 13 200 *                       | 48.0                 | 95.6                   | 900  | 15 700 *                       | 58.0                  |
| 60.0                  | 21.5                 | 77.9                   | 6 300  | 9 400 *                        | 28.7                 | 83.7                   | 4 900  | 10 400 *                       | 37.8                 | 89.9                   | 2 800  | 12 200 *                       | 45.1                 | 93.7                   | 600  | 14 500 *                       | 60.0                  |
| 62.0                  | 14.6                 | 71.6                   | 5 800  | 8 700 *                        | 23.9                 | 79.6                   | 4 500  | 9 700 *                        | 34.2                 | 87.1                   | 2 400  | 11 400 *                       | 42.1                 | 91.6                   | 300  | 13 500 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                | 18.0                 | 74.2                   | 4 100  | 9 000 *                        | 30.3                 | 83.9                   | 2 100  | 10 600 *                       | 38.9                 | 89.2                   | 100  | 12 500 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                | 25.8                 | 80.1                   | 1 800  | 9 900 *                        | 35.4                 | 86.5                   |  | 11 600 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                | 20.3                 | 75.3                   | 1 500  | 9 300 *                        | 31.5                 | 83.5                   |  | 10 900 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                | 12.8                 | 68.4                   | 1 200  | 8 600 *                        | 27.2                 | 79.8                   |  | 10 100 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.1                 | 75.4                   |  | 9 400 *                        | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 15.5                 | 69.4                   |  | 8 900 *                        | 74.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 54.9m (180 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 30.5                  | 68.4                 | 111.8                  | 20 300   | 28 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.5                  |
| 32.0                  | 66.8                 | 111.2                  | 18 900   | 26 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 64.6                 | 110.3                  | 17 300   | 25 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 62.4                 | 109.3                  | 15 800   | 23 700 *                       | 65.6                 | 110.2                  | 13 000   | 26 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 60.1                 | 108.2                  | 14 500   | 21 500 *                       | 63.4                 | 109.3                  | 11 900   | 24 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 57.8                 | 106.9                  | 13 400   | 19 700 *                       | 61.1                 | 108.2                  | 10 900   | 22 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 40.0                  |
| 42.0                  | 55.4                 | 105.6                  | 12 300   | 18 000 *                       | 58.8                 | 107.0                  | 10 000   | 20 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 42.0                  |
| 44.0                  | 53.0                 | 104.1                  | 11 400   | 16 600 *                       | 56.5                 | 105.7                  | 9 200  | 18 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 44.0                  |
| 46.0                  | 50.4                 | 102.5                  | 10 500   | 15 300 *                       | 54.1                 | 104.3                  | 8 500  | 17 200 *                       | 59.7                 | 106.4                  | 5 500  | 21 100 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 47.8                 | 100.8                  | 9 700  | 14 100 *                       | 51.6                 | 102.8                  | 7 800  | 15 800 *                       | 57.3                 | 105.1                  | 5 000  | 19 300 *                       |                      |                        |  |                                | 48.0                  |
| 50.0                  | 45.1                 | 98.9                   | 9 000  | 13 100 *                       | 49.0                 | 101.1                  | 7 200  | 14 600 *                       | 54.9                 | 103.8                  | 4 500  | 17 700 *                       |                      |                        |  |                                | 50.0                  |
| 52.0                  | 42.2                 | 96.7                   | 8 300  | 12 200 *                       | 46.3                 | 99.3                   | 6 600  | 13 600 *                       | 52.5                 | 102.3                  | 4 000  | 16 300 *                       |                      |                        |  |                                | 52.0                  |
| 54.0                  | 39.1                 | 94.4                   | 7 700  | 11 300 *                       | 43.5                 | 97.2                   | 6 100  | 12 600 *                       | 49.9                 | 100.7                  | 3 600  | 15 100 *                       | 55.7                 | 102.7                  | 1 200  | 18 200 *                       | 54.0                  |
| 56.0                  | 35.8                 | 91.7                   | 7 200  | 10 500 *                       | 40.5                 | 95.0                   | 5 600  | 11 700 *                       | 47.3                 | 98.9                   | 3 200  | 13 900 *                       | 53.2                 | 101.3                  | 900  | 16 800 *                       | 56.0                  |
| 58.0                  | 32.3                 | 88.7                   | 6 600  | 9 800 *                        | 37.3                 | 92.5                   | 5 100  | 10 900 *                       | 44.5                 | 96.9                   | 2 800  | 12 900 *                       | 50.7                 | 99.7                   | 600  | 15 500 *                       | 58.0                  |
| 60.0                  | 28.3                 | 85.2                   | 6 200  | 9 200 *                        | 33.9                 | 89.6                   | 4 700  | 10 100 *                       | 41.6                 | 94.7                   | 2 500  | 12 000 *                       | 48.1                 | 97.9                   | 300  | 14 300 *                       | 60.0                  |
| 62.0                  | 23.7                 | 81.1                   | 5 700  | 8 500 *                        | 30.1                 | 86.4                   | 4 300  | 9 400 *                        | 38.5                 | 92.3                   | 2 200  | 11 200 *                       | 45.4                 | 96.0                   | 100  | 13 300 *                       | 62.0                  |
| 64.0                  | 18.1                 | 75.7                   | 5 200  | 8 000 *                        | 25.8                 | 82.5                   | 3 900  | 8 800 *                        | 35.1                 | 89.6                   | 1 900  | 10 400 *                       | 42.5                 | 93.9                   |  | 12 300 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                | 20.7                 | 77.8                   | 3 500  | 8 200 *                        | 31.5                 | 86.5                   | 1 600  | 9 700 *                        | 39.4                 | 91.6                   |  | 11 400 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                | 13.9                 | 71.2                   | 3 200  | 7 700 *                        | 27.4                 | 82.9                   | 1 300  | 9 000 *                        | 36.2                 | 89.0                   |  | 10 700 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                | 22.7                 | 78.6                   | 1 000  | 8 400 *                        | 32.6                 | 86.0                   |  | 9 900 *                        | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                | 16.7                 | 72.9                   | 800  | 7 900 *                        | 28.7                 | 82.6                   |  | 9 300 *                        | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.2                 | 78.5                   |  | 8 600 *                        | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.7                 | 73.3                   |  | 8 000 *                        | 76.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |      |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |      |
| 35.1                  | 64.9                 | 113.2                  | 16 200   | 21 900 *                       | 67.8                 | 114.0                  | 13 200   | 23 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 35.1                  |      |
| 36.0                  | 63.9                 | 112.7                  | 15 500   | 21 300 *                       | 66.9                 | 113.6                  | 12 700   | 23 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |      |
| 38.0                  | 61.8                 | 111.7                  | 14 300   | 20 000 *                       | 64.8                 | 112.7                  | 11 600   | 21 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |      |
| 40.0                  | 59.6                 | 110.5                  | 13 100   | 18 700 *                       | 62.7                 | 111.7                  | 10 600   | 20 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 40.0                  |      |
| 42.0                  | 57.4                 | 109.3                  | 12 000   | 17 500 *                       | 60.6                 | 110.6                  | 9 700  | 19 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 42.0                  |      |
| 44.0                  | 55.1                 | 107.9                  | 11 100   | 16 300 *                       | 58.4                 | 109.4                  | 8 900  | 18 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 44.0                  |      |
| 46.0                  | 52.8                 | 106.4                  | 10 300   | 15 200 *                       | 56.1                 | 108.1                  | 8 200  | 16 800 *                       | 61.3                 | 109.9                  | 5 200  | 19 600 *                       |                      |                        |  |                                | 46.0                  |      |
| 48.0                  | 50.4                 | 104.8                  | 9 500  | 14 100 *                       | 53.8                 | 106.7                  | 7 500  | 15 700 *                       | 59.2                 | 108.7                  | 4 700  | 18 400 *                       |                      |                        |  |                                | 48.0                  |      |
| 50.0                  | 47.9                 | 103.1                  | 8 800  | 13 000 *                       | 51.4                 | 105.1                  | 6 900  | 14 600 *                       | 56.9                 | 107.5                  | 4 200  | 17 300 *                       |                      |                        |  |                                | 50.0                  |      |
| 52.0                  | 45.3                 | 101.2                  | 8 100  | 12 100 *                       | 49.0                 | 103.4                  | 6 300  | 13 500 *                       | 54.7                 | 106.1                  | 3 700  | 16 100 *                       |                      |                        |  |                                | 52.0                  |      |
| 54.0                  | 42.5                 | 99.1                   | 7 500  | 11 200 *                       | 46.4                 | 101.6                  | 5 800  | 12 500 *                       | 52.3                 | 104.6                  | 3 300  | 15 000 *                       |                      |                        |  |                                | 54.0                  |      |
| 56.0                  | 39.7                 | 96.7                   | 6 900  | 10 400 *                       | 43.7                 | 99.6                   | 5 300  | 11 500 *                       | 49.9                 | 103.0                  | 2 900  | 13 900 *                       | 55.4                 | 105.0                  | 600  | 16 400 *                       | 56.0                  |      |
| 58.0                  | 36.6                 | 94.2                   | 6 400  | 9 700 *                        | 40.9                 | 97.3                   | 4 900  | 10 700 *                       | 47.4                 | 101.2                  | 2 500  | 12 800 *                       | 53.0                 | 103.6                  | 300  | 15 300 *                       | 58.0                  |      |
| 60.0                  | 33.3                 | 91.3                   | 5 900  | 9 000 *                        | 38.0                 | 94.9                   | 4 500  | 10 000 *                       | 44.7                 | 99.2                   | 2 200  | 11 900 *                       | 50.6                 | 102.0                  |  | 14 200 *                       | 60.0                  |      |
| 62.0                  | 29.6                 | 87.9                   | 5 400  | 8 400 *                        | 34.8                 | 92.1                   | 4 000  | 9 300 *                        | 42.0                 | 97.1                   | 1 900  | 11 000 *                       | 48.1                 | 100.2                  |  | 13 100 *                       | 62.0                  |      |
| 64.0                  | 25.5                 | 84.0                   | 5 000  | 7 800 *                        | 31.3                 | 89.0                   | 3 700  | 8 600 *                        | 39.1                 | 94.7                   | 1 600  | 10 200 *                       | 45.5                 | 98.3                   |  | 12 200 *                       | 64.0                  |      |
| 66.0                  | 20.7                 | 79.3                   | 4 600  | 7 200 *                        | 27.4                 | 85.4                   | 3 300  | 8 000 *                        | 35.9                 | 92.1                   | 1 300  | 9 500 *                        | 42.8                 | 96.3                   |  | 11 300 *                       | 66.0                  |      |
| 68.0                  | 14.2                 | 72.8                   | 4 200  | 6 700 *                        | 22.9                 | 81.0                   | 3 000  | 7 500 *                        | 32.6                 | 89.1                   | 1 000  | 8 900 *                        | 40.0                 | 94.0                   |  | 10 500 *                       | 68.0                  |      |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 9 700 *               | 70.0 |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 9 100 *               | 72.0 |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 8 400 *               | 74.0 |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                |                      | 19.5                   | 76.6   | 300                            | 7 200 *              | 30.0                   | 85.3   |                                | 7 900 *               | 76.0 |
| 78.0                  |                      |                        |  |                                |                      |                        |  |                                |                      | 12.6                   | 69.5   |                                | 6 700 *              | 26.0                   | 81.5   |                                | 7 300 *               | 78.0 |
| 80.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                |                      | 15.0                   | 70.5   |                                | 6 800 *               | 80.0 |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 61.0m (200 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 19.8                  | 62.3                 | 82.9                   | 39 500 <b>b</b>  | 72 300 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.8                  |
| 20.0                  | 61.8                 | 82.8                   | 39 100 <b>b</b>  | 71 000 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 55.4                 | 81.5                   | 34 600 <b>b</b>  | 58 300 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 48.5                 | 79.9                   | 30 900   | 49 500 *                       | 59.2                 | 81.8                   | 26 300 <b>b</b>  | 65 600 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 40.7                 | 77.8                   | 27 900   | 42 800 *                       | 52.7                 | 80.4                   | 23 700 <b>b</b>  | 54 500 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 31.3                 | 74.9                   | 25 200   | 37 600 *                       | 45.4                 | 78.6                   | 21 500   | 46 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 17.8                 | 70.3                   | 22 900   | 33 400 *                       | 37.1                 | 76.2                   | 19 700   | 40 500 *                       | 56.8                 | 80.1                   | 15 200 <b>b</b>  | 55 700 <b>b</b>                |                      |                        |  |                                | 30.0                  |
| 32.0                  |                      |                        |  |                                | 26.6                 | 72.9                   | 18 000   | 35 800 *                       | 50.0                 | 78.6                   | 13 800   | 51 200                         |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                |                      |                        |  |                                | 42.5                 | 76.6                   | 12 700   | 44 100 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                |                      |                        |  |                                | 33.5                 | 73.9                   | 11 600   | 38 600 *                       | 53.9                 | 77.8                   | 8 000  | 42 000                         | 36.0                  |
| 38.0                  |                      |                        |  |                                |                      |                        |  |                                | 21.4                 | 69.9                   | 10 700   | 34 300 *                       | 46.8                 | 76.1                   | 7 300  | 39 300                         | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 38.7                 | 73.9                   | 6 600  | 37 000                         | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.8                 | 70.8                   | 6 000  | 34 800                         | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 12.8                 | 65.2                   | 5 500  | 32 500                         | 44.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 61.0m (200 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 19.8                  | 66.1                 | 86.3                   | 39 300 <b>b</b>  | 72 800 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.8                  |
| 20.0                  | 65.6                 | 86.2                   | 38 900 <b>b</b>  | 71 500 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 60.3                 | 85.2                   | 34 300 <b>b</b>  | 58 700 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 54.6                 | 83.8                   | 30 700   | 49 700 *                       | 63.5                 | 85.3                   | 25 900 <b>b</b>  | 65 900 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 48.5                 | 82.2                   | 27 700   | 43 000 *                       | 58.0                 | 84.2                   | 23 400 <b>b</b>  | 54 800 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 41.8                 | 80.1                   | 25 100   | 37 700 *                       | 52.2                 | 82.7                   | 21 300   | 46 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 34.0                 | 77.5                   | 22 900   | 33 500 *                       | 45.9                 | 80.9                   | 19 400   | 40 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 24.0                 | 73.7                   | 20 900   | 30 100 *                       | 38.8                 | 78.7                   | 17 800   | 35 900 *                       | 55.9                 | 82.5                   | 13 500   | 51 300                         |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 30.3                 | 75.7                   | 16 400   | 32 100 *                       | 49.9                 | 80.9                   | 12 300   | 44 300 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 18.5                 | 71.0                   | 15 000   | 28 800 *                       | 43.3                 | 78.9                   | 11 300   | 38 800 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                |                      |                        |  |                                | 35.8                 | 76.4                   | 10 400   | 34 400 *                       | 53.3                 | 80.2                   | 6 900  | 39 000                         | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                | 26.4                 | 73.0                   | 9 500  | 30 800 *                       | 47.1                 | 78.4                   | 6 300  | 36 700                         | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 40.2                 | 76.3                   | 5 700  | 34 600                         | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.0                 | 73.4                   | 5 200  | 32 600                         | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.1                 | 69.3                   | 4 700  | 29 400 *                       | 46.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 61.0m (200 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 19.8                  | 68.9                 | 89.6                   | 39 100 <b>b</b>  | 68 900 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.8                  |
| 20.0                  | 68.5                 | 89.6                   | 38 700 <b>b</b>  | 68 100 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 63.9                 | 88.6                   | 34 200 <b>b</b>  | 59 400 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 59.1                 | 87.5                   | 30 500   | 49 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 54.0                 | 86.2                   | 27 500   | 43 100 *                       | 61.9                 | 87.7                   | 23 200   | 55 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 48.6                 | 84.5                   | 24 900   | 37 800 *                       | 57.1                 | 86.5                   | 21 000   | 46 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 42.7                 | 82.5                   | 22 700   | 33 600 *                       | 51.9                 | 85.0                   | 19 200   | 40 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 35.9                 | 80.0                   | 20 800   | 30 100 *                       | 46.3                 | 83.2                   | 17 600   | 36 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 27.8                 | 76.7                   | 19 100   | 27 200 *                       | 40.1                 | 81.0                   | 16 200   | 32 100 *                       | 55.1                 | 84.8                   | 12 100   | 44 500 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  | 16.3                 | 71.5                   | 17 500   | 24 800 *                       | 32.9                 | 78.3                   | 14 900   | 28 900 *                       | 49.8                 | 83.2                   | 11 100   | 38 900 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 23.8                 | 74.4                   | 13 800   | 26 200 *                       | 44.0                 | 81.3                   | 10 200   | 34 500 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                | 37.5                 | 78.9                   | 9 400  | 30 800 *                       | 52.8                 | 82.5                   | 6 000  | 36 500                         | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                | 29.8                 | 75.8                   | 8 600  | 27 800 *                       | 47.3                 | 80.7                   | 5 400  | 34 400                         | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                | 19.4                 | 71.2                   | 7 900  | 25 300 *                       | 41.2                 | 78.6                   | 4 900  | 32 500                         | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 34.3                 | 76.0                   | 4 500  | 29 500 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.7                 | 72.4                   | 4 000  | 26 700 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 12.3                 | 66.3                   | 3 600  | 24 300 *                       | 50.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 61.0m (200 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 21.3                  | 68.0                 | 92.3                   | 35 300 <b>b</b>  | 60 600 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.3                  |
| 22.0                  | 66.7                 | 92.0                   | 34 000 <b>b</b>  | 58 200 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 62.5                 | 91.0                   | 30 300   | 50 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 58.1                 | 89.9                   | 27 300   | 43 300 *                       | 65.0                 | 91.1                   | 22 800   | 55 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 53.5                 | 88.5                   | 24 700   | 38 000 *                       | 60.7                 | 90.1                   | 20 700   | 47 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 48.6                 | 86.8                   | 22 500   | 33 700 *                       | 56.3                 | 88.8                   | 18 900   | 41 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 43.3                 | 84.8                   | 20 600   | 30 200 *                       | 51.6                 | 87.3                   | 17 300   | 36 100 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 37.4                 | 82.4                   | 18 900   | 27 200 *                       | 46.5                 | 85.5                   | 15 900   | 32 200 *                       | 59.1                 | 88.4                   | 11 700   | 44 800 *                       |                      |                        |  |                                | 34.0                  |
| 36.0                  | 30.6                 | 79.4                   | 17 500   | 24 800 *                       | 41.0                 | 83.4                   | 14 700   | 28 900 *                       | 54.5                 | 87.1                   | 10 700   | 39 000 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  | 21.8                 | 75.2                   | 16 100   | 22 600 *                       | 34.8                 | 80.8                   | 13 500   | 26 200 *                       | 49.7                 | 85.5                   | 9 800  | 34 600 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                | 27.4                 | 77.3                   | 12 500   | 23 800 *                       | 44.5                 | 83.6                   | 9 100  | 30 900 *                       | 57.1                 | 86.2                   | 5 600  | 36 200                         | 40.0                  |
| 42.0                  |                      |                        |  |                                | 17.1                 | 72.3                   | 11 600   | 21 800 *                       | 38.8                 | 81.3                   | 8 300  | 27 800 *                       | 52.4                 | 84.8                   | 5 000  | 34 100                         | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                | 32.2                 | 78.4                   | 7 600  | 25 300 *                       | 47.5                 | 83.0                   | 4 600  | 32 200                         | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                | 24.0                 | 74.5                   | 7 000  | 23 100 *                       | 42.1                 | 81.0                   | 4 100  | 29 500 *                       | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 36.0                 | 78.4                   | 3 700  | 26 700 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.8                 | 75.2                   | 3 300  | 24 300 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.3                 | 70.6                   | 2 900  | 22 200 *                       | 52.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 61.0m (200 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 21.3                  | 70.1                 | 95.6                   | 35 100 <b>b</b>  | 58 100 <b>*b</b>               |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.3                  |
| 22.0                  | 68.9                 | 95.3                   | 33 700 <b>b</b>  | 57 200 <b>*b</b>               |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 65.2                 | 94.4                   | 30 000   | 51 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 61.3                 | 93.4                   | 27 000   | 44 300 *                       | 67.4                 | 94.5                   | 22 500   | 55 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 57.3                 | 92.2                   | 24 400   | 38 800 *                       | 63.6                 | 93.5                   | 20 400   | 48 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 53.1                 | 90.8                   | 22 300   | 34 400 *                       | 59.7                 | 92.4                   | 18 600   | 41 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 48.7                 | 89.1                   | 20 400   | 30 800 *                       | 55.6                 | 91.1                   | 17 000   | 36 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 43.9                 | 87.1                   | 18 700   | 27 800 *                       | 51.3                 | 89.6                   | 15 600   | 32 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 38.6                 | 84.8                   | 17 200   | 25 300 *                       | 46.8                 | 87.8                   | 14 400   | 29 600 *                       | 58.2                 | 90.8                   | 10 400   | 40 000 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  | 32.7                 | 81.9                   | 15 900   | 23 100 *                       | 41.8                 | 85.7                   | 13 300   | 26 700 *                       | 54.0                 | 89.4                   | 9 500  | 35 300 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  | 25.5                 | 78.2                   | 14 700   | 21 200 *                       | 36.3                 | 83.2                   | 12 300   | 24 400 *                       | 49.7                 | 87.8                   | 8 700  | 31 500 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 15.3                 | 72.7                   | 13 600   | 19 500 *                       | 29.9                 | 80.1                   | 11 400   | 22 300 *                       | 44.9                 | 85.9                   | 8 000  | 28 400 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  |                      |                        |  |                                | 21.9                 | 75.8                   | 10 600   | 20 500 *                       | 39.8                 | 83.7                   | 7 400  | 25 800 *                       | 52.1                 | 87.1                   | 4 300  | 32 000                         | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                | 34.0                 | 80.9                   | 6 800  | 23 600 *                       | 47.6                 | 85.3                   | 3 800  | 30 100                         | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                | 27.2                 | 77.4                   | 6 200  | 21 600 *                       | 42.7                 | 83.3                   | 3 400  | 27 300 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                | 18.0                 | 72.5                   | 5 700  | 19 900 *                       | 37.4                 | 80.9                   | 3 000  | 24 800 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 31.2                 | 77.9                   | 2 600  | 22 700 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 23.6                 | 73.9                   | 2 300  | 20 900 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 11.9                 | 67.4                   | 1 900  | 19 200 *                       | 56.0                  |





# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 61.0m (200 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 22.9                  | 69.3                 | 98.3                   | 31 800   | 51 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.9                  |
| 24.0                  | 67.4                 | 97.8                   | 29 800   | 50 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 63.9                 | 96.9                   | 26 800   | 44 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 60.3                 | 95.8                   | 24 200   | 38 900 *                       | 66.0                 | 96.9                   | 20 100   | 48 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 56.6                 | 94.5                   | 22 000   | 34 500 *                       | 62.5                 | 95.9                   | 18 300   | 42 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 52.8                 | 93.1                   | 20 100   | 30 800 *                       | 58.9                 | 94.8                   | 16 700   | 37 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 48.7                 | 91.4                   | 18 500   | 27 800 *                       | 55.1                 | 93.5                   | 15 300   | 32 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 44.3                 | 89.5                   | 17 000   | 25 200 *                       | 51.1                 | 91.9                   | 14 100   | 29 500 *                       | 61.1                 | 94.3                   | 10 100   | 40 100 *                       |                      |                        |  |                                | 36.0                  |
| 38.0                  | 39.6                 | 87.2                   | 15 700   | 23 000 *                       | 47.0                 | 90.2                   | 13 000   | 26 700 *                       | 57.5                 | 93.1                   | 9 200  | 35 400 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  | 34.3                 | 84.5                   | 14 500   | 21 200 *                       | 42.5                 | 88.1                   | 12 000   | 24 300 *                       | 53.6                 | 91.7                   | 8 400  | 31 600 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 28.1                 | 81.1                   | 13 500   | 19 500 *                       | 37.5                 | 85.7                   | 11 100   | 22 200 *                       | 49.6                 | 90.1                   | 7 700  | 28 400 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 20.3                 | 76.5                   | 12 500   | 18 000 *                       | 31.9                 | 82.7                   | 10 300   | 20 400 *                       | 45.3                 | 88.2                   | 7 100  | 25 800 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  |                      |                        |  |                                | 25.2                 | 78.9                   | 9 600  | 18 800 *                       | 40.6                 | 86.0                   | 6 500  | 23 500 *                       | 51.9                 | 89.4                   | 3 400  | 29 900                         | 46.0                  |
| 48.0                  |                      |                        |  |                                | 16.1                 | 73.5                   | 8 800  | 17 500 *                       | 35.5                 | 83.4                   | 5 900  | 21 600 *                       | 47.7                 | 87.6                   | 3 000  | 27 300 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                | 29.6                 | 80.2                   | 5 400  | 19 800 *                       | 43.3                 | 85.6                   | 2 700  | 24 700 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                | 22.2                 | 76.0                   | 4 900  | 18 300 *                       | 38.4                 | 83.3                   | 2 300  | 22 600 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 33.0                 | 80.4                   | 2 000  | 20 800 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.6                 | 76.8                   | 1 700  | 19 200 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.1                 | 71.8                   | 1 400  | 17 700 *                       | 58.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 61.0m (200 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 22.9                  | 71.0                 | 101.5                  | 31 700   | 48 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.9                  |
| 24.0                  | 69.2                 | 101.1                  | 29 700   | 47 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 66.1                 | 100.2                  | 26 600   | 44 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 62.8                 | 99.3                   | 24 100   | 38 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 59.5                 | 98.1                   | 21 900   | 34 400 *                       | 64.8                 | 99.4                   | 18 100   | 42 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 56.1                 | 96.8                   | 20 000   | 30 800 *                       | 61.5                 | 98.3                   | 16 600   | 37 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 52.5                 | 95.4                   | 18 400   | 27 800 *                       | 58.1                 | 97.1                   | 15 200   | 32 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 48.7                 | 93.7                   | 16 900   | 25 200 *                       | 54.6                 | 95.8                   | 14 000   | 29 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 44.7                 | 91.8                   | 15 600   | 23 000 *                       | 51.0                 | 94.2                   | 12 900   | 26 700 *                       | 60.2                 | 96.7                   | 9 000  | 35 400 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  | 40.4                 | 89.6                   | 14 500   | 21 100 *                       | 47.1                 | 92.5                   | 11 900   | 24 200 *                       | 56.8                 | 95.4                   | 8 200  | 31 500 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 35.6                 | 86.9                   | 13 400   | 19 400 *                       | 43.0                 | 90.4                   | 11 000   | 22 200 *                       | 53.3                 | 94.0                   | 7 600  | 28 400 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 30.2                 | 83.8                   | 12 500   | 18 000 *                       | 38.5                 | 88.1                   | 10 200   | 20 400 *                       | 49.5                 | 92.4                   | 6 900  | 25 700 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 23.7                 | 79.8                   | 11 600   | 16 600 *                       | 33.5                 | 85.2                   | 9 500  | 18 800 *                       | 45.6                 | 90.5                   | 6 400  | 23 500 *                       | 55.3                 | 93.2                   | 3 300  | 29 700                         | 46.0                  |
| 48.0                  | 14.6                 | 73.8                   | 10 700   | 15 400 *                       | 27.7                 | 81.8                   | 8 800  | 17 400 *                       | 41.3                 | 88.4                   | 5 800  | 21 500 *                       | 51.7                 | 91.7                   | 2 900  | 27 200 *                       | 48.0                  |
| 50.0                  |                      |                        |  |                                | 20.5                 | 77.2                   | 8 100  | 16 100 *                       | 36.7                 | 85.9                   | 5 300  | 19 800 *                       | 47.8                 | 89.9                   | 2 500  | 24 700 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                | 31.5                 | 82.8                   | 4 900  | 18 200 *                       | 43.8                 | 88.0                   | 2 200  | 22 500 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                | 25.2                 | 79.0                   | 4 400  | 16 900 *                       | 39.4                 | 85.7                   | 1 900  | 20 700 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                | 17.0                 | 73.7                   | 4 000  | 15 700 *                       | 34.5                 | 82.9                   | 1 600  | 19 100 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.9                 | 79.6                   | 1 300  | 17 700 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                 | 75.3                   | 1 100  | 16 400 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 11.6                 | 68.4                   | 700  | 15 200 *                       | 62.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 61.0m (200 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 24.4                  | 70.2                 | 104.2                  | 28 800   | 43 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.4                  |
| 26.0                  | 67.9                 | 103.6                  | 26 400   | 42 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 64.9                 | 102.7                  | 23 800   | 39 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 61.9                 | 101.6                  | 21 600   | 34 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 58.8                 | 100.5                  | 19 800   | 30 600 *                       | 63.7                 | 101.8                  | 16 200   | 36 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 55.6                 | 99.2                   | 18 100   | 27 500 *                       | 60.7                 | 100.7                  | 14 900   | 32 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 52.2                 | 97.7                   | 16 700   | 25 000 *                       | 57.5                 | 99.5                   | 13 600   | 29 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 48.7                 | 96.0                   | 15 400   | 22 800 *                       | 54.3                 | 98.1                   | 12 600   | 26 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 45.0                 | 94.1                   | 14 200   | 20 800 *                       | 50.8                 | 96.5                   | 11 600   | 24 100 *                       | 59.5                 | 99.1                   | 7 900  | 31 300 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 41.0                 | 91.9                   | 13 200   | 19 200 *                       | 47.3                 | 94.8                   | 10 700   | 22 000 *                       | 56.3                 | 97.8                   | 7 200  | 28 100 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 36.7                 | 89.4                   | 12 200   | 17 700 *                       | 43.4                 | 92.7                   | 10 000   | 20 200 *                       | 53.0                 | 96.3                   | 6 600  | 25 500 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 31.9                 | 86.4                   | 11 400   | 16 400 *                       | 39.3                 | 90.4                   | 9 200  | 18 600 *                       | 49.5                 | 94.7                   | 6 000  | 23 200 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 26.3                 | 82.7                   | 10 600   | 15 300 *                       | 34.8                 | 87.7                   | 8 500  | 17 200 *                       | 45.8                 | 92.8                   | 5 500  | 21 300 *                       | 54.8                 | 95.5                   | 2 500  | 27 000 *                       | 48.0                  |
| 50.0                  | 19.2                 | 77.8                   | 9 800  | 14 200 *                       | 29.7                 | 84.5                   | 7 900  | 15 900 *                       | 41.9                 | 90.7                   | 5 000  | 19 600 *                       | 51.5                 | 94.0                   | 2 200  | 24 500 *                       | 50.0                  |
| 52.0                  |                      |                        |  |                                | 23.6                 | 80.4                   | 7 300  | 14 800 *                       | 37.7                 | 88.3                   | 4 600  | 18 100 *                       | 47.9                 | 92.2                   | 1 900  | 22 400 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                | 15.4                 | 74.6                   | 6 800  | 13 800 *                       | 33.0                 | 85.4                   | 4 200  | 16 700 *                       | 44.2                 | 90.3                   | 1 500  | 20 500 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                | 27.6                 | 81.9                   | 3 800  | 15 500 *                       | 40.1                 | 88.0                   | 1 300  | 18 900 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                | 20.9                 | 77.3                   | 3 400  | 14 400 *                       | 35.7                 | 85.4                   | 1 000  | 17 400 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.7                 | 82.3                   | 700  | 16 200 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.8                 | 78.4                   | 500  | 15 000 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 17.2                 | 73.0                   | 200  | 14 000 *                       | 64.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 61.0m (200 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 25.9                  | 69.5                 | 106.9                  | 26 300   | 40 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.9                  |
| 26.0                  | 69.4                 | 106.9                  | 26 100   | 40 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 66.7                 | 106.0                  | 23 600   | 38 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 63.9                 | 105.1                  | 21 400   | 35 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 61.1                 | 104.0                  | 19 500   | 31 200 *                       | 65.6                 | 105.2                  | 16 000   | 37 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 58.2                 | 102.8                  | 17 900   | 28 100 *                       | 62.8                 | 104.2                  | 14 600   | 33 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 55.2                 | 101.5                  | 16 400   | 25 400 *                       | 59.9                 | 103.1                  | 13 400   | 29 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 52.0                 | 100.0                  | 15 100   | 23 100 *                       | 57.0                 | 101.8                  | 12 300   | 26 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 48.8                 | 98.3                   | 14 000   | 21 200 *                       | 53.9                 | 100.4                  | 11 300   | 24 500 *                       | 61.7                 | 102.6                  | 7 600  | 32 000 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 45.3                 | 96.4                   | 12 900   | 19 500 *                       | 50.7                 | 98.8                   | 10 500   | 22 300 *                       | 58.8                 | 101.4                  | 6 900  | 28 700 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 41.6                 | 94.3                   | 12 000   | 18 000 *                       | 47.4                 | 97.1                   | 9 700  | 20 400 *                       | 55.8                 | 100.1                  | 6 300  | 26 000 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 37.7                 | 91.8                   | 11 100   | 16 600 *                       | 43.8                 | 95.1                   | 9 000  | 18 800 *                       | 52.7                 | 98.6                   | 5 700  | 23 600 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 33.3                 | 88.9                   | 10 400   | 15 400 *                       | 40.1                 | 92.8                   | 8 300  | 17 400 *                       | 49.5                 | 97.0                   | 5 200  | 21 600 *                       |                      |                        |  |                                | 48.0                  |
| 50.0                  | 28.3                 | 85.5                   | 9 600  | 14 300 *                       | 35.9                 | 90.2                   | 7 700  | 16 100 *                       | 46.1                 | 95.1                   | 4 700  | 19 800 *                       | 54.5                 | 97.8                   | 1 900  | 24 900 *                       | 50.0                  |
| 52.0                  | 22.3                 | 81.2                   | 9 000  | 13 300 *                       | 31.3                 | 87.1                   | 7 100  | 15 000 *                       | 42.4                 | 93.0                   | 4 300  | 18 300 *                       | 51.3                 | 96.3                   | 1 600  | 22 700 *                       | 52.0                  |
| 54.0                  | 14.1                 | 74.9                   | 8 300  | 12 200 *                       | 26.0                 | 83.4                   | 6 600  | 13 900 *                       | 38.5                 | 90.7                   | 3 900  | 16 900 *                       | 48.0                 | 94.5                   | 1 300  | 20 800 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                | 19.4                 | 78.5                   | 6 000  | 13 000 *                       | 34.3                 | 87.9                   | 3 500  | 15 700 *                       | 44.5                 | 92.6                   | 1 000  | 19 100 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                | 29.4                 | 84.6                   | 3 200  | 14 600 *                       | 40.8                 | 90.4                   | 700  | 17 700 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                | 23.7                 | 80.5                   | 2 800  | 13 600 *                       | 36.7                 | 87.9                   | 500  | 16 300 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                | 16.2                 | 74.9                   | 2 400  | 12 700 *                       | 32.2                 | 84.9                   | 200  | 15 200 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  | 14 100 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  | 13 200 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  | 12 300 *                       | 68.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 25.9                  | 70.9                 | 110.1                  | 26 000   | 37 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.9                  |
| 26.0                  | 70.8                 | 110.1                  | 25 900   | 37 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 68.2                 | 109.3                  | 23 300   | 36 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 65.7                 | 108.5                  | 21 100   | 34 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 63.1                 | 107.5                  | 19 200   | 30 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 60.4                 | 106.4                  | 17 600   | 27 800 *                       | 64.6                 | 107.6                  | 14 300   | 33 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 57.6                 | 105.2                  | 16 200   | 25 100 *                       | 62.0                 | 106.6                  | 13 100   | 29 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 54.8                 | 103.8                  | 14 900   | 22 900 *                       | 59.3                 | 105.4                  | 12 000   | 26 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 51.8                 | 102.3                  | 13 700   | 20 900 *                       | 56.5                 | 104.1                  | 11 000   | 24 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 40.0                  |
| 42.0                  | 48.8                 | 100.6                  | 12 700   | 19 200 *                       | 53.6                 | 102.7                  | 10 200   | 22 100 *                       | 61.0                 | 104.9                  | 6 600  | 28 500 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 45.5                 | 98.7                   | 11 700   | 17 700 *                       | 50.6                 | 101.1                  | 9 400  | 20 200 *                       | 58.2                 | 103.7                  | 5 900  | 25 700 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 42.1                 | 96.6                   | 10 900   | 16 400 *                       | 47.5                 | 99.4                   | 8 700  | 18 600 *                       | 55.4                 | 102.4                  | 5 400  | 23 400 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 38.4                 | 94.2                   | 10 100   | 15 200 *                       | 44.2                 | 97.4                   | 8 000  | 17 200 *                       | 52.5                 | 100.9                  | 4 900  | 21 300 *                       |                      |                        |  |                                | 48.0                  |
| 50.0                  | 34.4                 | 91.4                   | 9 400  | 14 100 *                       | 40.7                 | 95.2                   | 7 400  | 15 900 *                       | 49.4                 | 99.3                   | 4 400  | 19 600 *                       |                      |                        |  |                                | 50.0                  |
| 52.0                  | 30.0                 | 88.2                   | 8 700  | 13 100 *                       | 36.9                 | 92.6                   | 6 800  | 14 700 *                       | 46.3                 | 97.4                   | 4 000  | 18 000 *                       | 54.1                 | 100.1                  | 1 200  | 22 400 *                       | 52.0                  |
| 54.0                  | 24.8                 | 84.3                   | 8 100  | 12 200 *                       | 32.7                 | 89.7                   | 6 300  | 13 700 *                       | 42.9                 | 95.4                   | 3 600  | 16 700 *                       | 51.2                 | 98.6                   | 900  | 20 500 *                       | 54.0                  |
| 56.0                  | 18.2                 | 79.1                   | 7 500  | 11 400 *                       | 28.0                 | 86.2                   | 5 800  | 12 700 *                       | 39.3                 | 93.0                   | 3 200  | 15 400 *                       | 48.1                 | 96.8                   | 600  | 18 900 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                | 22.4                 | 81.9                   | 5 400  | 11 900 *                       | 35.3                 | 90.4                   | 2 800  | 14 300 *                       | 44.8                 | 94.9                   | 300  | 17 400 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                | 14.8                 | 75.8                   | 4 900  | 11 100 *                       | 31.0                 | 87.3                   | 2 500  | 13 300 *                       | 41.3                 | 92.7                   | 100  | 16 100 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                | 26.0                 | 83.5                   | 2 200  | 12 400 *                       | 37.6                 | 90.3                   |  | 15 000 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                | 19.8                 | 78.7                   | 1 900  | 11 600 *                       | 33.5                 | 87.4                   |  | 13 900 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.9                 | 84.1                   |  | 12 900 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 23.5                 | 79.9                   |  | 12 100 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 16.4                 | 74.2                   |  | 11 200 *                       | 70.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |   |                                      | 80 Degree<br>Boom Angle |                                 |   |                                      | 75 Degree<br>Boom Angle |                                 |   |                                      | 70 Degree<br>Boom Angle |                                 |   |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 27.4                           | 70.3                    | 112.8                           | 23 900  | 34 400 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 27.4                           |
| 28.0                           | 69.6                    | 112.6                           | 23 200  | 34 100 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 28.0                           |
| 30.0                           | 67.2                    | 111.8                           | 21 000  | 32 800 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 30.0                           |
| 32.0                           | 64.8                    | 110.9                           | 19 100  | 30 800 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 32.0                           |
| 34.0                           | 62.3                    | 109.9                           | 17 500  | 27 700 *                             | 66.2                    | 110.9                           | 14 100  | 32 000 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 34.0                           |
| 36.0                           | 59.8                    | 108.8                           | 16 000  | 25 000 *                             | 63.8                    | 110.0                           | 12 900  | 29 700 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 36.0                           |
| 38.0                           | 57.1                    | 107.5                           | 14 700  | 22 700 *                             | 61.3                    | 108.9                           | 11 800  | 26 600 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 38.0                           |
| 40.0                           | 54.5                    | 106.1                           | 13 600  | 20 800 *                             | 58.7                    | 107.8                           | 10 900  | 24 000 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 40.0                           |
| 42.0                           | 51.7                    | 104.6                           | 12 600  | 19 100 *                             | 56.1                    | 106.5                           | 10 000  | 21 900 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 42.0                           |
| 44.0                           | 48.8                    | 102.9                           | 11 600  | 17 600 *                             | 53.3                    | 105.0                           | 9 200   | 20 100 *                             | 60.3                    | 107.3                           | 5 800   | 25 600 *                             |                         |                                 |   |                                      | 44.0                           |
| 46.0                           | 45.7                    | 101.0                           | 10 800  | 16 200 *                             | 50.5                    | 103.4                           | 8 500   | 18 500 *                             | 57.7                    | 106.1                           | 5 200   | 23 200 *                             |                         |                                 |   |                                      | 46.0                           |
| 48.0                           | 42.5                    | 98.9                            | 10 000  | 15 000 *                             | 47.6                    | 101.7                           | 7 900   | 17 000 *                             | 55.0                    | 104.7                           | 4 700   | 21 200 *                             |                         |                                 |   |                                      | 48.0                           |
| 50.0                           | 39.1                    | 96.6                            | 9 300   | 13 900 *                             | 44.5                    | 99.7                            | 7 200   | 15 700 *                             | 52.3                    | 103.2                           | 4 300   | 19 500 *                             |                         |                                 |   |                                      | 50.0                           |
| 52.0                           | 35.4                    | 93.9                            | 8 600   | 13 000 *                             | 41.2                    | 97.5                            | 6 700   | 14 600 *                             | 49.4                    | 101.6                           | 3 800   | 17 900 *                             | 56.6                    | 103.9                           | 1 000   | 22 300 *                             | 52.0                           |
| 54.0                           | 31.4                    | 90.8                            | 8 000   | 12 100 *                             | 37.7                    | 95.0                            | 6 200   | 13 500 *                             | 46.4                    | 99.8                            | 3 400   | 16 500 *                             | 53.8                    | 102.4                           | 700   | 20 400 *                             | 54.0                           |
| 56.0                           | 26.8                    | 87.2                            | 7 400   | 11 300 *                             | 33.9                    | 92.2                            | 5 700   | 12 600 *                             | 43.3                    | 97.7                            | 3 100   | 15 300 *                             | 51.0                    | 100.9                           | 500   | 18 800 *                             | 56.0                           |
| 58.0                           | 21.2                    | 82.6                            | 6 900   | 10 500 *                             | 29.6                    | 88.9                            | 5 200   | 11 800 *                             | 39.9                    | 95.4                            | 2 700   | 14 200 *                             | 48.1                    | 99.2                            | 200   | 17 300 *                             | 58.0                           |
| 60.0                           | 13.7                    | 76.1                            | 6 400   | 9 700 *                              | 24.7                    | 85.0                            | 4 800   | 11 000 *                             | 36.3                    | 92.8                            | 2 400   | 13 200 *                             | 45.0                    | 97.2                            |   | 16 000 *                             | 60.0                           |
| 62.0                           |                         |                                 |   |                                      | 18.5                    | 79.8                            | 4 400   | 10 300 *                             | 32.3                    | 89.8                            | 2 100   | 12 300 *                             | 41.8                    | 95.1                            |   | 14 800 *                             | 62.0                           |
| 64.0                           |                         |                                 |   |                                      | 8.9                     | 71.3                            | 4 000   | 9 400 *                              | 27.8                    | 86.3                            | 1 800   | 11 500 *                             | 38.3                    | 92.7                            |   | 13 700 *                             | 64.0                           |
| 66.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 22.5                    | 82.0                            | 1 500   | 10 700 *                             | 34.6                    | 89.9                            |   | 12 800 *                             | 66.0                           |
| 68.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 15.6                    | 76.1                            | 1 200   | 10 000 *                             | 30.4                    | 86.7                            |   | 11 900 *                             | 68.0                           |
| 70.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 25.6                    | 82.9                            |   | 11 100 *                             | 70.0                           |
| 72.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 19.8                    | 78.0                            |   | 10 400 *                             | 72.0                           |
| 74.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 11.3                    | 70.6                            |   | 9 700 *                              | 74.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 61.0m (200 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 29.0                  | 69.7                 | 115.5                  | 21 800   | 31 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.0                  |
| 30.0                  | 68.5                 | 115.1                  | 20 700   | 30 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 66.3                 | 114.3                  | 18 800   | 29 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 64.0                 | 113.3                  | 17 200   | 27 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 61.6                 | 112.3                  | 15 800   | 24 800 *                       | 65.3                 | 113.4                  | 12 600   | 28 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 59.2                 | 111.1                  | 14 500   | 22 500 *                       | 63.0                 | 112.4                  | 11 500   | 26 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 56.7                 | 109.8                  | 13 300   | 20 600 *                       | 60.6                 | 111.3                  | 10 600   | 23 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 40.0                  |
| 42.0                  | 54.2                 | 108.4                  | 12 300   | 18 800 *                       | 58.2                 | 110.1                  | 9 700  | 21 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 42.0                  |
| 44.0                  | 51.5                 | 106.9                  | 11 400   | 17 300 *                       | 55.7                 | 108.8                  | 9 000  | 19 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 44.0                  |
| 46.0                  | 48.8                 | 105.2                  | 10 500   | 16 000 *                       | 53.1                 | 107.3                  | 8 200  | 18 200 *                       | 59.7                 | 109.7                  | 4 900  | 23 000 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 45.9                 | 103.3                  | 9 700  | 14 800 *                       | 50.4                 | 105.7                  | 7 600  | 16 800 *                       | 57.3                 | 108.4                  | 4 400  | 21 000 *                       |                      |                        |  |                                | 48.0                  |
| 50.0                  | 42.9                 | 101.3                  | 9 000  | 13 700 *                       | 47.7                 | 104.0                  | 7 000  | 15 500 *                       | 54.7                 | 107.1                  | 3 900  | 19 200 *                       |                      |                        |  |                                | 50.0                  |
| 52.0                  | 39.7                 | 99.0                   | 8 400  | 12 700 *                       | 44.7                 | 102.0                  | 6 400  | 14 400 *                       | 52.1                 | 105.5                  | 3 500  | 17 600 *                       |                      |                        |  |                                | 52.0                  |
| 54.0                  | 36.3                 | 96.4                   | 7 800  | 11 900 *                       | 41.7                 | 99.9                   | 5 900  | 13 300 *                       | 49.4                 | 103.9                  | 3 100  | 16 300 *                       | 56.1                 | 106.2                  | 400  | 20 200 *                       | 54.0                  |
| 56.0                  | 32.6                 | 93.4                   | 7 200  | 11 000 *                       | 38.4                 | 97.4                   | 5 400  | 12 400 *                       | 46.6                 | 102.1                  | 2 700  | 15 100 *                       | 53.6                 | 104.8                  | 100  | 18 500 *                       | 56.0                  |
| 58.0                  | 28.4                 | 90.0                   | 6 700  | 10 300 *                       | 34.8                 | 94.7                   | 5 000  | 11 500 *                       | 43.6                 | 100.0                  | 2 400  | 14 000 *                       | 50.9                 | 103.2                  |  | 17 000 *                       | 58.0                  |
| 60.0                  | 23.6                 | 85.8                   | 6 200  | 9 600 *                        | 31.0                 | 91.6                   | 4 500  | 10 800 *                       | 40.4                 | 97.8                   | 2 100  | 13 000 *                       | 48.2                 | 101.5                  |  | 15 700 *                       | 60.0                  |
| 62.0                  | 17.5                 | 80.3                   | 5 700  | 9 000 *                        | 26.6                 | 87.9                   | 4 200  | 10 000 *                       | 37.1                 | 95.3                   | 1 800  | 12 000 *                       | 45.3                 | 99.5                   |  | 14 500 *                       | 62.0                  |
| 64.0                  | 7.6                  | 71.0                   | 5 200  | 7 800 *                        | 21.3                 | 83.3                   | 3 800  | 9 300 *                        | 33.4                 | 92.4                   | 1 500  | 11 200 *                       | 42.2                 | 97.4                   |  | 13 500 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                | 14.3                 | 76.9                   | 3 400  | 8 700 *                        | 29.4                 | 89.1                   | 1 200  | 10 500 *                       | 39.0                 | 95.1                   |  | 12 600 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                | 24.7                 | 85.1                   | 900  | 9 800 *                        | 35.5                 | 92.4                   |  | 11 700 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                | 19.0                 | 80.0                   | 700  | 9 100 *                        | 31.7                 | 89.3                   |  | 10 900 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.4                 | 85.7                   |  | 10 200 *                       | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.4                 | 81.3                   |  | 9 500 *                        | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 15.8                 | 75.4                   |  | 8 900 *                        | 76.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 61.0m (200 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 29.0                  | 70.8                 | 118.8                  | 21 500   | 29 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 29.0                  |
| 30.0                  | 69.7                 | 118.4                  | 20 500   | 28 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 67.6                 | 117.6                  | 18 600   | 27 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 65.4                 | 116.7                  | 16 900   | 25 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 63.2                 | 115.7                  | 15 500   | 24 300 *                       | 66.7                 | 116.7                  | 12 300   | 26 400 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 61.0                 | 114.6                  | 14 200   | 22 300 *                       | 64.5                 | 115.8                  | 11 300   | 25 100 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 58.7                 | 113.5                  | 13 100   | 20 300 *                       | 62.3                 | 114.8                  | 10 300   | 23 600 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 56.3                 | 112.2                  | 12 100   | 18 600 *                       | 60.1                 | 113.7                  | 9 500  | 21 500 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 53.9                 | 110.7                  | 11 100   | 17 100 *                       | 57.7                 | 112.4                  | 8 700  | 19 600 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 51.4                 | 109.2                  | 10 300   | 15 800 *                       | 55.3                 | 111.1                  | 8 000  | 18 000 *                       | 61.5                 | 113.2                  | 4 600  | 22 800 *                       |                      |                        |                                | 46.0                  |
| 48.0                  | 48.8                 | 107.5                  | 9 500  | 14 600 *                       | 52.9                 | 109.6                  | 7 300  | 16 500 *                       | 59.2                 | 112.0                  | 4 100  | 20 800 *                       |                      |                        |                                | 48.0                  |
| 50.0                  | 46.1                 | 105.6                  | 8 800  | 13 500 *                       | 50.4                 | 108.0                  | 6 700  | 15 300 *                       | 56.8                 | 110.8                  | 3 600  | 19 000 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 43.3                 | 103.6                  | 8 100  | 12 500 *                       | 47.7                 | 106.3                  | 6 200  | 14 100 *                       | 54.4                 | 109.4                  | 3 200  | 17 400 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 40.3                 | 101.3                  | 7 600  | 11 600 *                       | 45.0                 | 104.3                  | 5 700  | 13 100 *                       | 51.9                 | 107.8                  | 2 900  | 16 100 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 37.1                 | 98.8                   | 7 000  | 10 800 *                       | 42.1                 | 102.2                  | 5 200  | 12 100 *                       | 49.4                 | 106.2                  | 2 500  | 14 800 *                       | 55.8                 | 108.5                  | 18 300 *                       | 56.0                  |
| 58.0                  | 33.6                 | 95.9                   | 6 500  | 10 100 *                       | 39.0                 | 99.8                   | 4 700  | 11 300 *                       | 46.7                 | 104.4                  | 2 200  | 13 700 *                       | 53.3                 | 107.1                  | 16 800 *                       | 58.0                  |
| 60.0                  | 29.8                 | 92.6                   | 6 000  | 9 400 *                        | 35.7                 | 97.2                   | 4 300  | 10 500 *                       | 43.9                 | 102.4                  | 1 800  | 12 700 *                       | 50.8                 | 105.5                  | 15 500 *                       | 60.0                  |
| 62.0                  | 25.5                 | 88.8                   | 5 500  | 8 800 *                        | 32.1                 | 94.2                   | 4 000  | 9 800 *                        | 40.9                 | 100.1                  | 1 500  | 11 800 *                       | 48.2                 | 103.8                  | 14 300 *                       | 62.0                  |
| 64.0                  | 20.3                 | 83.9                   | 5 100  | 8 200 *                        | 28.1                 | 90.7                   | 3 600  | 9 200 *                        | 37.8                 | 97.7                   | 1 200  | 11 000 *                       | 45.5                 | 101.9                  | 13 300 *                       | 64.0                  |
| 66.0                  | 13.3                 | 77.2                   | 4 600  | 7 500 *                        | 23.5                 | 86.5                   | 3 200  | 8 500 *                        | 34.4                 | 94.9                   | 1 000  | 10 300 *                       | 42.6                 | 99.8                   | 12 300 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                | 17.8                 | 81.0                   | 2 900  | 7 900 *                        | 30.7                 | 91.7                   | 700  | 9 500 *                        | 39.6                 | 97.4                   | 11 500 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                | 9.1                  | 72.4                   | 2 500  | 7 300 *                        | 26.5                 | 88.0                   | 500  | 8 900 *                        | 36.3                 | 94.8                   | 10 700 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                | 21.6                 | 83.4                   | 200  | 8 300 *                        | 32.8                 | 91.9                   | 9 900 *                        | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                | 15.1                 | 77.2                   |  | 7 700 *                        | 28.9                 | 88.5                   | 9 300 *                        | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.4                 | 84.4                   | 8 700 *                        | 76.0                  |
| 78.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.0                 | 79.3                   | 8 100 *                        | 78.0                  |
| 80.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 11.2                 | 71.7                   | 7 600 *                        | 80.0                  |





# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 61.0m (200 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 33.5                  | 67.2                 | 120.2                  | 17 100   | 23 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 33.5                  |
| 34.0                  | 66.7                 | 120.0                  | 16 700   | 23 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 64.7                 | 119.1                  | 15 300   | 21 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 62.6                 | 118.1                  | 13 900   | 20 400 *                       | 65.9                 | 119.2                  | 11 000   | 22 400 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 60.4                 | 117.0                  | 12 800   | 19 100 *                       | 63.8                 | 118.2                  | 10 000   | 21 100 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 58.2                 | 115.8                  | 11 800   | 17 900 *                       | 61.7                 | 117.2                  | 9 200  | 19 800 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 56.0                 | 114.5                  | 10 900   | 16 700 *                       | 59.5                 | 116.0                  | 8 400  | 18 600 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 53.7                 | 113.1                  | 10 000   | 15 600 *                       | 57.3                 | 114.8                  | 7 700  | 17 400 *                       |                      |                        |  |                                |                      |                        |                                | 46.0                  |
| 48.0                  | 51.3                 | 111.5                  | 9 200  | 14 500 *                       | 55.0                 | 113.4                  | 7 000  | 16 300 *                       | 60.9                 | 115.6                  | 3 800  | 19 200 *                       |                      |                        |                                | 48.0                  |
| 50.0                  | 48.8                 | 109.8                  | 8 500  | 13 400 *                       | 52.7                 | 111.9                  | 6 400  | 15 200 *                       | 58.7                 | 114.4                  | 3 300  | 18 100 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 46.2                 | 107.9                  | 7 900  | 12 400 *                       | 50.3                 | 110.3                  | 5 900  | 14 000 *                       | 56.5                 | 113.1                  | 2 900  | 16 900 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 43.6                 | 105.9                  | 7 300  | 11 500 *                       | 47.8                 | 108.6                  | 5 400  | 13 000 *                       | 54.2                 | 111.7                  | 2 500  | 15 900 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 40.7                 | 103.7                  | 6 700  | 10 700 *                       | 45.2                 | 106.6                  | 4 900  | 12 000 *                       | 51.8                 | 110.2                  | 2 200  | 14 800 *                       |                      |                        |                                | 56.0                  |
| 58.0                  | 37.8                 | 101.2                  | 6 200  | 9 900 *                        | 42.4                 | 104.5                  | 4 500  | 11 200 *                       | 49.4                 | 108.5                  | 1 800  | 13 600 *                       | 55.5                 | 110.8                  | 16 300 *                       | 58.0                  |
| 60.0                  | 34.5                 | 98.4                   | 5 700  | 9 200 *                        | 39.6                 | 102.2                  | 4 100  | 10 400 *                       | 46.8                 | 106.7                  | 1 500  | 12 600 *                       | 53.1                 | 109.4                  | 15 400 *                       | 60.0                  |
| 62.0                  | 31.0                 | 95.3                   | 5 300  | 8 600 *                        | 36.5                 | 99.6                   | 3 700  | 9 600 *                        | 44.2                 | 104.7                  | 1 200  | 11 700 *                       | 50.7                 | 107.8                  | 14 300 *                       | 62.0                  |
| 64.0                  | 27.1                 | 91.6                   | 4 900  | 8 000 *                        | 33.2                 | 96.7                   | 3 300  | 9 000 *                        | 41.4                 | 102.5                  | 900  | 10 800 *                       | 48.2                 | 106.1                  | 13 200 *                       | 64.0                  |
| 66.0                  | 22.6                 | 87.2                   | 4 400  | 7 400 *                        | 29.5                 | 93.4                   | 3 000  | 8 300 *                        | 38.4                 | 100.1                  | 700  | 10 100 *                       | 45.7                 | 104.2                  | 12 200 *                       | 66.0                  |
| 68.0                  | 16.9                 | 81.5                   | 4 000  | 6 900 *                        | 25.4                 | 89.4                   | 2 600  | 7 800 *                        | 35.3                 | 97.4                   | 400  | 9 400 *                        | 42.9                 | 102.1                  | 11 300 *                       | 68.0                  |
| 70.0                  | 7.9                  | 72.1                   | 3 600  | 6 000 *                        | 20.5                 | 84.6                   | 2 300  | 7 200 *                        | 31.8                 | 94.3                   | 200  | 8 700 *                        | 40.1                 | 99.8                   | 10 500 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                | 14.0                 | 78.0                   | 2 000  | 6 700 *                        | 28.0                 | 90.8                   |  | 8 100 *                        | 37.1                 | 97.3                   | 9 800 *                        | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                | 23.6                 | 86.6                   |  | 7 600 *                        | 33.8                 | 94.4                   | 9 100 *                        | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                | 18.3                 | 81.2                   |  | 7 100 *                        | 30.2                 | 91.2                   | 8 500 *                        | 76.0                  |
| 78.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.2                 | 87.4                   | 7 900 *                        | 78.0                  |
| 80.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.4                 | 82.7                   | 7 400 *                        | 80.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 67.1m (220 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 19.8                  | 64.6                 | 89.3                   | 39 000 <b>b</b>  | 78 500 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.8                  |
| 20.0                  | 64.0                 | 89.2                   | 38 600 <b>b</b>  | 77 100 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 57.8                 | 88.1                   | 34 100 <b>b</b>  | 62 400 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 51.1                 | 86.6                   | 30 500   | 52 400 *                       | 62.5                 | 88.4                   | 25 300 <b>b</b>  | 72 700 <b>b</b>                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 43.7                 | 84.7                   | 27 500   | 45 100 *                       | 56.2                 | 87.2                   | 22 800 <b>b</b>  | 59 700 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 35.0                 | 82.2                   | 24 900   | 39 400 *                       | 49.4                 | 85.6                   | 20 800 <b>b</b>  | 50 400 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 23.7                 | 78.4                   | 22 600   | 34 900 *                       | 41.7                 | 83.6                   | 18 900   | 43 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  |                      |                        |  |                                | 32.6                 | 80.8                   | 17 400   | 38 200 *                       | 55.4                 | 85.7                   | 12 600 <b>b</b>  | 50 500 <b>b</b>                |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 19.9                 | 76.6                   | 15 900   | 33 900 *                       | 48.5                 | 84.1                   | 11 500   | 47 000                         |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                |                      |                        |  |                                | 40.7                 | 82.0                   | 10 600   | 43 000                         |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                |                      |                        |  |                                | 31.3                 | 79.1                   | 9 700  | 37 700 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 47.1                 | 81.9                   | 5 300  | 35 800                         | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 39.1                 | 79.7                   | 4 800  | 33 800                         | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.3                 | 76.7                   | 4 300  | 31 900                         | 44.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 67.1m (220 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 19.8                  | 68.0                 | 92.7                   | 38 800 <b>b</b>  | 74 200 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.8                  |
| 20.0                  | 67.5                 | 92.6                   | 38 400 <b>b</b>  | 73 300 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.0                  |
| 22.0                  | 62.3                 | 91.6                   | 33 900 <b>b</b>  | 63 400 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 56.8                 | 90.4                   | 30 300   | 52 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 50.9                 | 88.9                   | 27 300   | 45 300 *                       | 60.9                 | 90.8                   | 22 500 <b>b</b>  | 60 000 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 44.4                 | 87.0                   | 24 700   | 39 500 *                       | 55.3                 | 89.5                   | 20 400   | 50 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 37.1                 | 84.6                   | 22 500   | 35 000 *                       | 49.3                 | 87.9                   | 18 700   | 43 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 28.1                 | 81.4                   | 20 600   | 31 300 *                       | 42.7                 | 85.9                   | 17 100   | 38 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 35.0                 | 83.4                   | 15 700   | 34 000 *                       | 54.6                 | 88.0                   | 11 200   | 46 700                         |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 25.4                 | 79.8                   | 14 500   | 30 500 *                       | 48.6                 | 86.4                   | 10 200   | 42 900                         |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 8.2                  | 72.8                   | 13 200   | 27 500 *                       | 41.8                 | 84.3                   | 9 400  | 37 800 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                | 34.0                 | 81.7                   | 8 600  | 33 600 *                       | 53.5                 | 85.9                   | 4 900  | 35 500                         | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                | 24.0                 | 78.0                   | 7 900  | 30 100 *                       | 47.4                 | 84.2                   | 4 400  | 33 500                         | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 40.5                 | 82.1                   | 3 900  | 31 700                         | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.4                 | 79.3                   | 3 500  | 30 000                         | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.7                 | 75.2                   | 3 100  | 28 400                         | 48.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225

### On 2250 or M-250

### 67.1m (220 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |   |                                      | 80 Degree<br>Boom Angle |                                 |   |                                      | 75 Degree<br>Boom Angle |                                 |   |                                      | 70 Degree<br>Boom Angle |                                 |   |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 19.8                           | 70.5                    | 96.0                            | 38 600 <b>b</b>   | 68 400 * <b>b</b>                    |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 19.8                           |
| 20.0                           | 70.1                    | 95.9                            | 38 200 <b>b</b>   | 68 000 * <b>b</b>                    |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 20.0                           |
| 22.0                           | 65.6                    | 95.1                            | 33 700 <b>b</b>   | 63 100 * <b>b</b>                    |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 22.0                           |
| 24.0                           | 60.9                    | 94.0                            | 30 100  | 53 100 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 24.0                           |
| 26.0                           | 55.9                    | 92.7                            | 27 100  | 45 500 *                             | 64.4                    | 94.3                            | 22 300 <b>b</b>   | 60 400 * <b>b</b>                    |                         |                                 |   |                                      |                         |                                 |   |                                      | 26.0                           |
| 28.0                           | 50.7                    | 91.2                            | 24 600  | 39 700 *                             | 59.7                    | 93.2                            | 20 200  | 50 900 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 28.0                           |
| 30.0                           | 44.9                    | 89.3                            | 22 400  | 35 100 *                             | 54.7                    | 91.8                            | 18 400  | 43 900 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 30.0                           |
| 32.0                           | 38.6                    | 87.0                            | 20 500  | 31 300 *                             | 49.3                    | 90.2                            | 16 900  | 38 400 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 32.0                           |
| 34.0                           | 31.1                    | 84.1                            | 18 800  | 28 300 *                             | 43.4                    | 88.3                            | 15 500  | 34 100 *                             | 59.1                    | 91.7                            | 10 900  | 46 500                               |                         |                                 |   |                                      | 34.0                           |
| 36.0                           | 21.3                    | 79.8                            | 17 300  | 25 700 *                             | 36.8                    | 85.8                            | 14 300  | 30 600 *                             | 54.0                    | 90.3                            | 10 000  | 42 900                               |                         |                                 |   |                                      | 36.0                           |
| 38.0                           |                         |                                 |   |                                      | 29.0                    | 82.6                            | 13 200  | 27 600 *                             | 48.6                    | 88.7                            | 9 100   | 37 900 *                             |                         |                                 |   |                                      | 38.0                           |
| 40.0                           |                         |                                 |   |                                      | 18.1                    | 77.9                            | 12 200  | 25 100 *                             | 42.7                    | 86.7                            | 8 400   | 33 600 *                             |                         |                                 |   |                                      | 40.0                           |
| 42.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 36.0                    | 84.2                            | 7 700   | 30 200 *                             | 53.1                    | 88.3                            | 4 100   | 33 300                               | 42.0                           |
| 44.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 27.9                    | 80.9                            | 7 100   | 27 300 *                             | 47.6                    | 86.5                            | 3 700   | 31 500                               | 44.0                           |
| 46.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 41.5                    | 84.5                            | 3 300   | 29 800                               | 46.0                           |
| 48.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 34.6                    | 81.8                            | 2 900   | 28 300                               | 48.0                           |
| 50.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 26.1                    | 78.3                            | 2 500   | 26 700                               | 50.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 67.1m (220 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 21.3                  | 69.5                 | 98.7                   | 34 800 <b>b</b>  | 60 200 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.3                  |
| 22.0                  | 68.2                 | 98.4                   | 33 500 <b>b</b>  | 59 200 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 64.0                 | 97.5                   | 29 800   | 53 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 59.7                 | 96.4                   | 26 800   | 45 700 *                       | 67.2                 | 97.6                   | 21 900 <b>b</b>  | 58 300 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 55.3                 | 95.1                   | 24 300   | 39 800 *                       | 63.0                 | 96.7                   | 19 900   | 51 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 50.5                 | 93.5                   | 22 100   | 35 200 *                       | 58.7                 | 95.5                   | 18 100   | 44 100 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 45.4                 | 91.6                   | 20 300   | 31 400 *                       | 54.1                 | 94.2                   | 16 600   | 38 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 39.7                 | 89.4                   | 18 600   | 28 300 *                       | 49.3                 | 92.5                   | 15 200   | 34 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 33.3                 | 86.6                   | 17 100   | 25 600 *                       | 44.0                 | 90.6                   | 14 000   | 30 600 *                       | 58.1                 | 94.1                   | 9 600  | 42 800                         |                      |                        |  |                                | 36.0                  |
| 38.0                  | 25.4                 | 83.0                   | 15 800   | 23 400 *                       | 38.2                 | 88.2                   | 12 900   | 27 600 *                       | 53.5                 | 92.7                   | 8 700  | 38 100 *                       |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                | 31.5                 | 85.3                   | 12 000   | 25 000 *                       | 48.7                 | 91.0                   | 8 000  | 33 700 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  |                      |                        |  |                                | 23.1                 | 81.3                   | 11 000   | 22 900 *                       | 43.4                 | 89.0                   | 7 400  | 30 200 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  |                      |                        |  |                                | 8.7                  | 73.9                   | 10 200   | 21 000 *                       | 37.5                 | 86.6                   | 6 800  | 27 300 *                       | 52.7                 | 90.6                   | 3 300  | 31 200                         | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                | 30.6                 | 83.6                   | 6 200  | 24 800 *                       | 47.7                 | 88.8                   | 2 900  | 29 500                         | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                | 21.9                 | 79.4                   | 5 600  | 22 700 *                       | 42.3                 | 86.8                   | 2 500  | 28 000                         | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 36.3                 | 84.3                   | 2 200  | 26 600                         | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.2                 | 81.1                   | 1 900  | 24 400 *                       | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.8                 | 76.5                   | 1 500  | 22 300 *                       | 54.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 67.1m (220 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |   |                                      | 80 Degree<br>Boom Angle |                                 |   |                                      | 75 Degree<br>Boom Angle |                                 |   |                                      | 70 Degree<br>Boom Angle |                                 |   |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 22.9                           | 68.7                    | 101.3                           | 31 500  | 55 500 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 22.9                           |
| 24.0                           | 66.6                    | 100.8                           | 29 600  | 53 500 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 24.0                           |
| 26.0                           | 62.8                    | 99.9                            | 26 600  | 46 700 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 26.0                           |
| 28.0                           | 58.8                    | 98.7                            | 24 000  | 40 700 *                             | 65.6                    | 100.1                           | 19 600  | 52 100 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 28.0                           |
| 30.0                           | 54.7                    | 97.4                            | 21 900  | 35 900 *                             | 61.8                    | 99.1                            | 17 800  | 45 100 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 30.0                           |
| 32.0                           | 50.4                    | 95.8                            | 20 000  | 32 100 *                             | 57.8                    | 97.9                            | 16 300  | 39 400 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 32.0                           |
| 34.0                           | 45.7                    | 94.0                            | 18 400  | 28 900 *                             | 53.6                    | 96.5                            | 14 900  | 34 900 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 34.0                           |
| 36.0                           | 40.6                    | 91.8                            | 16 900  | 26 200 *                             | 49.2                    | 94.8                            | 13 700  | 31 200 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      | 36.0                           |
| 38.0                           | 35.0                    | 89.1                            | 15 600  | 23 900 *                             | 44.5                    | 92.9                            | 12 700  | 28 200 *                             | 57.3                    | 96.4                            | 8 500   | 38 800                               |                         |                                 |   |                                      | 38.0                           |
| 40.0                           | 28.3                    | 85.8                            | 14 500  | 21 900 *                             | 39.3                    | 90.6                            | 11 700  | 25 600 *                             | 53.1                    | 95.0                            | 7 700   | 34 400 *                             |                         |                                 |   |                                      | 40.0                           |
| 42.0                           | 19.7                    | 81.2                            | 13 400  | 20 200 *                             | 33.4                    | 87.8                            | 10 800  | 23 400 *                             | 48.7                    | 93.3                            | 7 100   | 30 800 *                             |                         |                                 |   |                                      | 42.0                           |
| 44.0                           |                         |                                 |   |                                      | 26.5                    | 84.3                            | 10 000  | 21 500 *                             | 43.9                    | 91.3                            | 6 500   | 27 800 *                             |                         |                                 |   |                                      |                                |
| 46.0                           |                         |                                 |   |                                      | 16.9                    | 79.1                            | 9 300   | 19 700 *                             | 38.7                    | 89.0                            | 5 900   | 25 300 *                             | 52.3                    | 92.9                            | 2 600   | 29 300                               | 46.0                           |
| 48.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 32.7                    | 86.2                            | 5 400   | 23 200 *                             | 47.8                    | 91.1                            | 2 200   | 27 700                               | 48.0                           |
| 50.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 25.5                    | 82.5                            | 4 900   | 21 300 *                             | 43.0                    | 89.1                            | 1 900   | 26 400                               | 50.0                           |
| 52.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 37.6                    | 86.7                            | 1 600   | 25 000 *                             | 52.0                           |
| 54.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 31.5                    | 83.7                            | 1 300   | 22 800 *                             | 54.0                           |
| 56.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 23.9                    | 79.8                            | 1 000   | 21 000 *                             | 56.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 67.1m (220 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 22.9                  | 70.5                 | 104.6                  | 31 200   | 51 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.9                  |
| 24.0                  | 68.6                 | 104.2                  | 29 300   | 49 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 65.2                 | 103.3                  | 26 300   | 47 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 61.7                 | 102.2                  | 23 800   | 40 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 58.0                 | 101.1                  | 21 600   | 36 000 *                       | 64.3                 | 102.5                  | 17 500   | 45 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 54.2                 | 99.7                   | 19 800   | 32 100 *                       | 60.8                 | 101.4                  | 15 900   | 39 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 50.2                 | 98.1                   | 18 100   | 28 900 *                       | 57.1                 | 100.2                  | 14 600   | 35 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 46.0                 | 96.3                   | 16 700   | 26 200 *                       | 53.3                 | 98.8                   | 13 400   | 31 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 41.4                 | 94.1                   | 15 400   | 23 800 *                       | 49.2                 | 97.1                   | 12 400   | 28 200 *                       | 60.4                 | 100.0                  | 8 100  | 38 900                         |                      |                        |  |                                | 38.0                  |
| 40.0                  | 36.3                 | 91.6                   | 14 300   | 21 800 *                       | 44.9                 | 95.2                   | 11 400   | 25 500 *                       | 56.7                 | 98.7                   | 7 400  | 34 500 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 30.6                 | 88.5                   | 13 200   | 20 100 *                       | 40.2                 | 93.0                   | 10 600   | 23 300 *                       | 52.8                 | 97.3                   | 6 700  | 30 900 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 23.5                 | 84.5                   | 12 200   | 18 500 *                       | 35.0                 | 90.3                   | 9 800  | 21 400 *                       | 48.7                 | 95.6                   | 6 100  | 27 800 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  |                      |                        |  |                                | 29.0                 | 87.1                   | 9 100  | 19 700 *                       | 44.4                 | 93.7                   | 5 600  | 25 300 *                       | 56.0                 | 96.7                   | 2 200  | 28 900                         | 46.0                  |
| 48.0                  |                      |                        |  |                                | 21.4                 | 82.7                   | 8 400  | 18 200 *                       | 39.6                 | 91.4                   | 5 100  | 23 100 *                       | 52.0                 | 95.2                   | 1 800  | 27 400                         | 48.0                  |
| 50.0                  |                      |                        |  |                                | 9.0                  | 75.0                   | 7 700  | 16 600 *                       | 34.3                 | 88.7                   | 4 600  | 21 200 *                       | 47.9                 | 93.4                   | 1 500  | 26 100                         | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                | 28.2                 | 85.3                   | 4 200  | 19 500 *                       | 43.5                 | 91.5                   | 1 200  | 24 800                         | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                | 20.4                 | 80.7                   | 3 800  | 18 000 *                       | 38.7                 | 89.1                   | 900  | 22 700 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 33.2                 | 86.3                   | 700  | 20 800 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.9                 | 82.7                   | 400  | 19 200 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.5                 | 77.8                   | 200  | 17 800 *                       | 60.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 67.1m (220 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 24.4                  | 69.8                 | 107.3                  | 28 600   | 46 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.4                  |
| 26.0                  | 67.2                 | 106.6                  | 26 200   | 44 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 64.0                 | 105.7                  | 23 700   | 41 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 60.8                 | 104.6                  | 21 500   | 36 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 57.4                 | 103.4                  | 19 600   | 32 100 *                       | 63.2                 | 104.9                  | 15 800   | 39 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 53.8                 | 102.0                  | 18 000   | 28 800 *                       | 59.9                 | 103.8                  | 14 500   | 35 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 50.1                 | 100.4                  | 16 600   | 26 100 *                       | 56.5                 | 102.5                  | 13 300   | 31 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 46.2                 | 98.6                   | 15 300   | 23 800 *                       | 52.9                 | 101.1                  | 12 200   | 28 100 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 42.0                 | 96.5                   | 14 200   | 21 800 *                       | 49.2                 | 99.4                   | 11 300   | 25 500 *                       | 59.5                 | 102.3                  | 7 200  | 34 500 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 37.4                 | 94.0                   | 13 100   | 20 000 *                       | 45.2                 | 97.5                   | 10 500   | 23 200 *                       | 56.1                 | 101.0                  | 6 600  | 30 800 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 32.3                 | 91.1                   | 12 200   | 18 500 *                       | 40.9                 | 95.4                   | 9 700  | 21 300 *                       | 52.5                 | 99.6                   | 6 000  | 27 800 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 26.3                 | 87.4                   | 11 300   | 17 100 *                       | 36.2                 | 92.8                   | 9 000  | 19 600 *                       | 48.7                 | 97.9                   | 5 500  | 25 200 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 18.5                 | 82.5                   | 10 500   | 15 900 *                       | 30.9                 | 89.7                   | 8 300  | 18 100 *                       | 44.7                 | 96.0                   | 5 000  | 23 000 *                       | 55.4                 | 99.0                   | 1 700  | 27 400                         | 48.0                  |
| 50.0                  |                      |                        |  |                                | 24.6                 | 85.8                   | 7 700  | 16 800 *                       | 40.4                 | 93.8                   | 4 500  | 21 100 *                       | 51.8                 | 97.5                   | 1 400  | 26 000                         | 50.0                  |
| 52.0                  |                      |                        |  |                                | 16.0                 | 80.3                   | 7 100  | 15 600 *                       | 35.6                 | 91.1                   | 4 100  | 19 400 *                       | 48.0                 | 95.8                   | 1 100  | 24 700                         | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                | 30.2                 | 88.0                   | 3 700  | 17 900 *                       | 43.9                 | 93.8                   | 800  | 22 700 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                | 23.7                 | 84.0                   | 3 300  | 16 600 *                       | 39.5                 | 91.5                   | 600  | 20 800 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 34.7                 | 88.8                   | 300  | 19 200 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.1                 | 85.5                   | 100  | 17 700 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.3                 | 81.3                   |  | 16 400 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 12.3                 | 74.6                   |  | 15 300 *                       | 64.0                  |





# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 67.1m (220 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 25.9                  | 69.1                 | 110.0                  | 26 000   | 42 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.9                  |
| 26.0                  | 68.9                 | 109.9                  | 25 900   | 41 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 66.0                 | 109.1                  | 23 400   | 40 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 63.0                 | 108.1                  | 21 200   | 35 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 60.0                 | 107.0                  | 19 400   | 31 800 *                       | 65.3                 | 108.3                  | 15 500   | 39 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 56.8                 | 105.7                  | 17 800   | 28 600 *                       | 62.3                 | 107.3                  | 14 100   | 34 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 53.5                 | 104.3                  | 16 300   | 25 900 *                       | 59.2                 | 106.1                  | 13 000   | 31 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 50.1                 | 102.7                  | 15 100   | 23 600 *                       | 56.0                 | 104.8                  | 11 900   | 27 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 46.4                 | 100.9                  | 13 900   | 21 500 *                       | 52.7                 | 103.4                  | 11 000   | 25 300 *                       | 61.9                 | 105.8                  | 6 900  | 34 300 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  | 42.6                 | 98.8                   | 12 900   | 19 800 *                       | 49.2                 | 101.7                  | 10 200   | 23 000 *                       | 58.8                 | 104.7                  | 6 200  | 30 600 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 38.4                 | 96.4                   | 12 000   | 18 200 *                       | 45.5                 | 99.8                   | 9 400  | 21 100 *                       | 55.6                 | 103.4                  | 5 600  | 27 600 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 33.8                 | 93.6                   | 11 100   | 16 900 *                       | 41.6                 | 97.7                   | 8 700  | 19 400 *                       | 52.3                 | 101.9                  | 5 100  | 25 000 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 28.5                 | 90.2                   | 10 300   | 15 700 *                       | 37.3                 | 95.2                   | 8 000  | 17 900 *                       | 48.8                 | 100.2                  | 4 600  | 22 800 *                       |                      |                        |  |                                | 48.0                  |
| 50.0                  | 22.1                 | 85.9                   | 9 600  | 14 600 *                       | 32.5                 | 92.3                   | 7 400  | 16 600 *                       | 45.0                 | 98.3                   | 4 200  | 20 900 *                       | 55.0                 | 101.3                  | 1 000  | 25 700                         | 50.0                  |
| 52.0                  |                      |                        |  |                                | 27.0                 | 88.7                   | 6 900  | 15 400 *                       | 41.1                 | 96.1                   | 3 800  | 19 200 *                       | 51.6                 | 99.8                   | 700  | 24 400                         | 52.0                  |
| 54.0                  |                      |                        |  |                                | 20.2                 | 84.0                   | 6 400  | 14 300 *                       | 36.7                 | 93.6                   | 3 400  | 17 800 *                       | 48.1                 | 98.1                   | 500  | 22 500 *                       | 54.0                  |
| 56.0                  |                      |                        |  |                                | 9.1                  | 76.1                   | 5 800  | 13 200 *                       | 31.9                 | 90.6                   | 3 000  | 16 400 *                       | 44.3                 | 96.1                   | 200  | 20 600 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                | 26.3                 | 86.9                   | 2 700  | 15 300 *                       | 40.3                 | 93.9                   |  | 18 900 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                | 19.2                 | 82.0                   | 2 300  | 14 200 *                       | 35.9                 | 91.3                   |  | 17 500 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.9                 | 88.2                   |  | 16 200 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.1                 | 84.3                   |  | 15 100 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 17.6                 | 79.1                   |  | 14 000 *                       | 66.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 67.1m (220 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 25.9                  | 70.5                 | 113.2                  | 25 800   | 39 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.9                  |
| 26.0                  | 70.4                 | 113.2                  | 25 600   | 39 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 67.7                 | 112.4                  | 23 100   | 38 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 65.0                 | 111.5                  | 21 000   | 36 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 62.2                 | 110.5                  | 19 100   | 32 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 59.3                 | 109.3                  | 17 500   | 29 200 *                       | 64.3                 | 110.7                  | 13 900   | 35 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 56.3                 | 108.1                  | 16 100   | 26 300 *                       | 61.5                 | 109.7                  | 12 700   | 31 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 53.2                 | 106.6                  | 14 800   | 23 900 *                       | 58.5                 | 108.5                  | 11 700   | 28 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 50.0                 | 105.0                  | 13 700   | 21 900 *                       | 55.5                 | 107.2                  | 10 700   | 25 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 40.0                  |
| 42.0                  | 46.6                 | 103.2                  | 12 600   | 20 100 *                       | 52.4                 | 105.7                  | 9 900  | 23 400 *                       | 61.1                 | 108.2                  | 5 900  | 31 300 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 43.0                 | 101.1                  | 11 700   | 18 500 *                       | 49.2                 | 104.0                  | 9 100  | 21 400 *                       | 58.2                 | 107.0                  | 5 400  | 28 100 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 39.2                 | 98.8                   | 10 900   | 17 100 *                       | 45.7                 | 102.2                  | 8 400  | 19 700 *                       | 55.2                 | 105.7                  | 4 800  | 25 400 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 35.0                 | 96.1                   | 10 100   | 15 800 *                       | 42.1                 | 100.0                  | 7 800  | 18 100 *                       | 52.0                 | 104.2                  | 4 400  | 23 200 *                       |                      |                        |  |                                | 48.0                  |
| 50.0                  | 30.2                 | 92.9                   | 9 400  | 14 700 *                       | 38.2                 | 97.6                   | 7 200  | 16 800 *                       | 48.8                 | 102.5                  | 3 900  | 21 200 *                       |                      |                        |  |                                | 50.0                  |
| 52.0                  | 24.7                 | 89.0                   | 8 700  | 13 700 *                       | 33.8                 | 94.8                   | 6 700  | 15 500 *                       | 45.3                 | 100.6                  | 3 500  | 19 500 *                       | 54.6                 | 103.6                  | 400  | 24 200                         | 52.0                  |
| 54.0                  | 17.6                 | 83.7                   | 8 100  | 12 800 *                       | 29.0                 | 91.5                   | 6 100  | 14 500 *                       | 41.6                 | 98.5                   | 3 100  | 18 000 *                       | 51.4                 | 102.1                  | 100  | 22 900                         | 54.0                  |
| 56.0                  |                      |                        |  |                                | 23.2                 | 87.3                   | 5 700  | 13 500 *                       | 37.7                 | 96.0                   | 2 800  | 16 600 *                       | 48.1                 | 100.4                  |  | 20 900 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                | 15.4                 | 81.4                   | 5 200  | 12 500 *                       | 33.3                 | 93.1                   | 2 400  | 15 400 *                       | 44.6                 | 98.4                   |  | 19 200 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                | 28.3                 | 89.7                   | 2 100  | 14 400 *                       | 40.9                 | 96.2                   |  | 17 700 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                | 22.4                 | 85.4                   | 1 800  | 13 400 *                       | 36.9                 | 93.7                   |  | 16 400 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                | 14.1                 | 79.2                   | 1 500  | 12 500 *                       | 32.4                 | 90.7                   |  | 15 200 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.3                 | 87.2                   |  | 14 200 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.1                 | 82.6                   |  | 13 200 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 12.0                 | 75.7                   |  | 12 300 *                       | 70.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 67.1m (220 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 27.4                  | 69.9                 | 115.9                  | 23 500   | 36 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 27.4                  |
| 28.0                  | 69.2                 | 115.7                  | 22 900   | 35 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 66.6                 | 114.9                  | 20 700   | 34 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 64.0                 | 113.9                  | 18 800   | 32 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 61.4                 | 112.9                  | 17 200   | 28 900 *                       | 66.0                 | 114.1                  | 13 500   | 33 900 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 58.7                 | 111.7                  | 15 800   | 26 100 *                       | 63.4                 | 113.1                  | 12 400   | 31 600 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 55.9                 | 110.4                  | 14 500   | 23 700 *                       | 60.7                 | 112.0                  | 11 300   | 28 200 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 53.0                 | 108.9                  | 13 400   | 21 600 *                       | 58.0                 | 110.8                  | 10 400   | 25 500 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 49.9                 | 107.3                  | 12 400   | 19 800 *                       | 55.1                 | 109.5                  | 9 600  | 23 100 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 46.8                 | 105.5                  | 11 500   | 18 200 *                       | 52.2                 | 108.0                  | 8 800  | 21 200 *                       | 60.4                 | 110.6                  | 5 000  | 27 900 *                       |                      |                        |                                | 44.0                  |
| 46.0                  | 43.4                 | 103.5                  | 10 600   | 16 900 *                       | 49.2                 | 106.3                  | 8 100  | 19 400 *                       | 57.6                 | 109.4                  | 4 500  | 25 200 *                       |                      |                        |                                | 46.0                  |
| 48.0                  | 39.8                 | 101.2                  | 9 900  | 15 600 *                       | 45.9                 | 104.5                  | 7 500  | 17 900 *                       | 54.8                 | 108.0                  | 4 000  | 22 900 *                       |                      |                        |                                | 48.0                  |
| 50.0                  | 36.0                 | 98.6                   | 9 200  | 14 500 *                       | 42.6                 | 102.4                  | 6 900  | 16 500 *                       | 51.9                 | 106.5                  | 3 600  | 20 900 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 31.7                 | 95.5                   | 8 500  | 13 500 *                       | 38.9                 | 100.0                  | 6 400  | 15 300 *                       | 48.8                 | 104.8                  | 3 200  | 19 300 *                       | 57.1                 | 107.3                  | 23 900                         | 52.0                  |
| 54.0                  | 26.8                 | 91.9                   | 7 900  | 12 500 *                       | 35.0                 | 97.3                   | 5 900  | 14 200 *                       | 45.6                 | 102.9                  | 2 800  | 17 700 *                       | 54.3                 | 105.9                  | 22 600                         | 54.0                  |
| 56.0                  | 20.9                 | 87.3                   | 7 300  | 11 700 *                       | 30.6                 | 94.2                   | 5 400  | 13 200 *                       | 42.1                 | 100.8                  | 2 500  | 16 400 *                       | 51.3                 | 104.4                  | 20 600 *                       | 56.0                  |
| 58.0                  |                      |                        |  |                                | 25.5                 | 90.3                   | 5 000  | 12 300 *                       | 38.5                 | 98.4                   | 2 100  | 15 200 *                       | 48.2                 | 102.7                  | 18 900 *                       | 58.0                  |
| 60.0                  |                      |                        |  |                                | 19.2                 | 85.3                   | 4 500  | 11 500 *                       | 34.5                 | 95.7                   | 1 800  | 14 100 *                       | 44.9                 | 100.7                  | 17 500 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                | 9.3                  | 77.2                   | 4 100  | 10 400 *                       | 30.0                 | 92.4                   | 1 500  | 13 100 *                       | 41.5                 | 98.6                   | 16 200 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                | 24.8                 | 88.5                   | 1 200  | 12 200 *                       | 37.7                 | 96.1                   | 15 000 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                | 18.3                 | 83.3                   | 1 000  | 11 400 *                       | 33.7                 | 93.3                   | 13 900 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.1                 | 89.9                   | 13 000 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 23.7                 | 85.8                   | 12 100 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 16.8                 | 80.3                   | 11 300 *                       | 72.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 67.1m (220 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                |                       |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms | Jib Oper. Rad. Meters |
| 29.0                  | 69.3                 | 118.6                  | 21 600   | 33 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 29.0                  |
| 30.0                  | 68.1                 | 118.2                  | 20 600   | 32 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 65.7                 | 117.3                  | 18 700   | 31 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 63.2                 | 116.3                  | 17 100   | 28 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 60.7                 | 115.2                  | 15 700   | 26 000 *                       | 65.1                 | 116.5                  | 12 200   | 30 700 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 58.1                 | 114.0                  | 14 400   | 23 600 *                       | 62.6                 | 115.5                  | 11 200   | 28 100 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 55.5                 | 112.7                  | 13 300   | 21 500 *                       | 60.1                 | 114.4                  | 10 300   | 25 300 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 52.7                 | 111.2                  | 12 200   | 19 700 *                       | 57.5                 | 113.2                  | 9 400  | 23 000 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 49.9                 | 109.6                  | 11 300   | 18 100 *                       | 54.8                 | 111.8                  | 8 700  | 21 000 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 46.9                 | 107.8                  | 10 500   | 16 700 *                       | 52.0                 | 110.3                  | 8 000  | 19 300 *                       | 59.8                 | 112.9                  | 4 300  | 25 000 *                       |                      |                        |                                | 46.0                  |
| 48.0                  | 43.8                 | 105.8                  | 9 700  | 15 500 *                       | 49.1                 | 108.6                  | 7 300  | 17 800 *                       | 57.2                 | 111.7                  | 3 900  | 22 800 *                       |                      |                        |                                | 48.0                  |
| 50.0                  | 40.4                 | 103.5                  | 9 000  | 14 300 *                       | 46.1                 | 106.8                  | 6 800  | 16 400 *                       | 54.5                 | 110.3                  | 3 400  | 20 800 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 36.9                 | 101.0                  | 8 400  | 13 300 *                       | 43.0                 | 104.7                  | 6 300  | 15 200 *                       | 51.7                 | 108.8                  | 3 000  | 19 100 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 32.9                 | 98.1                   | 7 800  | 12 400 *                       | 39.6                 | 102.4                  | 5 700  | 14 100 *                       | 48.8                 | 107.1                  | 2 600  | 17 600 *                       | 56.7                 | 109.6                  | 22 400                         | 54.0                  |
| 56.0                  | 28.6                 | 94.7                   | 7 200  | 11 600 *                       | 35.9                 | 99.8                   | 5 300  | 13 100 *                       | 45.8                 | 105.2                  | 2 300  | 16 300 *                       | 54.0                 | 108.2                  | 20 500 *                       | 56.0                  |
| 58.0                  | 23.4                 | 90.5                   | 6 700  | 10 800 *                       | 31.9                 | 96.7                   | 4 800  | 12 200 *                       | 42.6                 | 103.1                  | 2 000  | 15 100 *                       | 51.2                 | 106.7                  | 18 800 *                       | 58.0                  |
| 60.0                  | 16.9                 | 84.9                   | 6 200  | 10 100 *                       | 27.4                 | 93.2                   | 4 400  | 11 400 *                       | 39.2                 | 100.8                  | 1 700  | 14 000 *                       | 48.2                 | 105.0                  | 17 300 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                | 22.0                 | 88.7                   | 4 000  | 10 600 *                       | 35.5                 | 98.1                   | 1 400  | 13 000 *                       | 45.2                 | 103.0                  | 16 000 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                | 14.8                 | 82.6                   | 3 600  | 9 900 *                        | 31.4                 | 95.0                   | 1 100  | 12 100 *                       | 41.9                 | 100.9                  | 14 800 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                | 26.8                 | 91.4                   | 800  | 11 300 *                       | 38.5                 | 98.5                   | 13 800 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                | 21.3                 | 86.8                   | 600  | 10 500 *                       | 34.7                 | 95.8                   | 12 800 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                | 13.7                 | 80.3                   | 400  | 9 900 *                        | 30.6                 | 92.6                   | 12 000 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.8                 | 88.8                   | 11 100 *                       | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.1                 | 84.0                   | 10 400 *                       | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 11.8                 | 76.8                   | 9 800 *                        | 76.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225

### On 2250 or M-250

### 67.1m (220 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 29.0                  | 70.5                 | 121.8                  | 21 400   | 30 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 29.0                  |
| 30.0                  | 69.4                 | 121.4                  | 20 300   | 30 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 67.1                 | 120.6                  | 18 400   | 29 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 64.8                 | 119.7                  | 16 800   | 27 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 62.5                 | 118.7                  | 15 400   | 25 800 *                       | 66.6                 | 119.9                  | 11 900   | 28 400 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 60.1                 | 117.6                  | 14 100   | 23 300 *                       | 64.2                 | 118.9                  | 10 800   | 27 200 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 57.6                 | 116.4                  | 13 000   | 21 300 *                       | 61.9                 | 117.9                  | 9 900  | 25 100 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 55.1                 | 115.0                  | 12 000   | 19 400 *                       | 59.5                 | 116.8                  | 9 100  | 22 800 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 52.5                 | 113.5                  | 11 100   | 17 900 *                       | 57.0                 | 115.5                  | 8 400  | 20 800 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 49.8                 | 111.9                  | 10 200   | 16 500 *                       | 54.5                 | 114.1                  | 7 700  | 19 000 *                       | 61.6                 | 116.5                  | 4 000  | 24 800 *                       |                      |                        |                                | 46.0                  |
| 48.0                  | 47.0                 | 110.1                  | 9 500  | 15 200 *                       | 51.9                 | 112.6                  | 7 100  | 17 500 *                       | 59.2                 | 115.3                  | 3 500  | 22 500 *                       |                      |                        |                                | 48.0                  |
| 50.0                  | 44.1                 | 108.1                  | 8 800  | 14 100 *                       | 49.1                 | 110.9                  | 6 500  | 16 100 *                       | 56.7                 | 114.0                  | 3 000  | 20 600 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 40.9                 | 105.9                  | 8 100  | 13 100 *                       | 46.3                 | 109.1                  | 5 900  | 14 900 *                       | 54.2                 | 112.6                  | 2 700  | 18 900 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 37.6                 | 103.4                  | 7 500  | 12 200 *                       | 43.3                 | 107.0                  | 5 500  | 13 800 *                       | 51.5                 | 111.1                  | 2 300  | 17 300 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 34.0                 | 100.6                  | 7 000  | 11 300 *                       | 40.1                 | 104.8                  | 5 000  | 12 900 *                       | 48.8                 | 109.4                  | 2 000  | 16 000 *                       | 56.3                 | 112.0                  | 20 300 *                       | 56.0                  |
| 58.0                  | 30.0                 | 97.4                   | 6 500  | 10 600 *                       | 36.8                 | 102.2                  | 4 600  | 12 000 *                       | 45.9                 | 107.5                  | 1 700  | 14 800 *                       | 53.7                 | 110.5                  | 18 600 *                       | 58.0                  |
| 60.0                  | 25.5                 | 93.5                   | 5 900  | 9 900 *                        | 33.1                 | 99.3                   | 4 200  | 11 200 *                       | 42.9                 | 105.5                  | 1 400  | 13 700 *                       | 51.0                 | 109.0                  | 17 100 *                       | 60.0                  |
| 62.0                  | 20.0                 | 88.6                   | 5 500  | 9 200 *                        | 29.0                 | 95.9                   | 3 800  | 10 400 *                       | 39.8                 | 103.2                  | 1 100  | 12 700 *                       | 48.3                 | 107.3                  | 15 800 *                       | 62.0                  |
| 64.0                  | 12.3                 | 81.5                   | 5 000  | 8 600 *                        | 24.2                 | 91.8                   | 3 400  | 9 700 *                        | 36.3                 | 100.6                  | 800  | 11 900 *                       | 45.4                 | 105.4                  | 14 600 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                | 18.4                 | 86.6                   | 3 000  | 9 100 *                        | 32.6                 | 97.6                   | 600  | 11 100 *                       | 42.4                 | 103.2                  | 13 500 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                | 9.4                  | 78.3                   | 2 700  | 8 200 *                        | 28.4                 | 94.2                   | 300  | 10 300 *                       | 39.1                 | 100.9                  | 12 600 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                | 23.6                 | 90.0                   | 100  | 9 600 *                        | 35.7                 | 98.2                   | 11 700 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                | 17.5                 | 84.5                   |  | 9 000 *                        | 31.9                 | 95.2                   | 10 900 *                       | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.6                 | 91.6                   | 10 200 *                       | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.6                 | 87.3                   | 9 500 *                        | 76.0                  |
| 78.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 16.2                 | 81.5                   | 8 900 *                        | 78.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225

### On 2250 or M-250

### 67.1m (220 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |   |                                      | 80 Degree<br>Boom Angle |                                 |   |                                      | 75 Degree<br>Boom Angle |                                 |   |                                      | 70 Degree<br>Boom Angle |                                 |                                      |      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |      |                                |
| 30.5                           | 70.0                    | 124.5                           | 19 500  | 28 000 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |                                      | 30.5 |                                |
| 32.0                           | 68.4                    | 123.9                           | 18 100  | 27 100 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |                                      | 32.0 |                                |
| 34.0                           | 66.2                    | 123.1                           | 16 600  | 25 800 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |                                      | 34.0 |                                |
| 36.0                           | 64.0                    | 122.1                           | 15 100  | 24 500 *                             |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |                                      | 36.0 |                                |
| 38.0                           | 61.8                    | 121.1                           | 13 900  | 23 100 *                             | 65.7                    | 122.3                           | 10 600  | 25 300 *                             |                         |                                 |   |                                      |                         |                                 |                                      | 38.0 |                                |
| 40.0                           | 59.5                    | 120.0                           | 12 700  | 21 000 *                             | 63.5                    | 121.3                           | 9 700   | 24 100 *                             |                         |                                 |   |                                      |                         |                                 |                                      | 40.0 |                                |
| 42.0                           | 57.2                    | 118.7                           | 11 700  | 19 200 *                             | 61.3                    | 120.3                           | 8 800   | 22 600 *                             |                         |                                 |   |                                      |                         |                                 |                                      | 42.0 |                                |
| 44.0                           | 54.8                    | 117.3                           | 10 800  | 17 700 *                             | 59.0                    | 119.1                           | 8 100   | 20 600 *                             |                         |                                 |   |                                      |                         |                                 |                                      | 44.0 |                                |
| 46.0                           | 52.3                    | 115.8                           | 10 000  | 16 200 *                             | 56.6                    | 117.8                           | 7 400   | 18 800 *                             |                         |                                 |   |                                      |                         |                                 |                                      | 46.0 |                                |
| 48.0                           | 49.8                    | 114.2                           | 9 200   | 15 000 *                             | 54.2                    | 116.4                           | 6 800   | 17 300 *                             | 61.0                    | 118.8                           | 3 200   | 22 200 *                             |                         |                                 |                                      | 48.0 |                                |
| 50.0                           | 47.1                    | 112.4                           | 8 500   | 13 900 *                             | 51.7                    | 114.9                           | 6 200   | 15 900 *                             | 58.7                    | 117.7                           | 2 800   | 20 400 *                             |                         |                                 |                                      | 50.0 |                                |
| 52.0                           | 44.3                    | 110.4                           | 7 900   | 12 900 *                             | 49.1                    | 113.2                           | 5 700   | 14 700 *                             | 56.3                    | 116.4                           | 2 400   | 18 600 *                             |                         |                                 |                                      | 52.0 |                                |
| 54.0                           | 41.4                    | 108.2                           | 7 300   | 11 900 *                             | 46.4                    | 111.4                           | 5 200   | 13 600 *                             | 53.9                    | 114.9                           | 2 100   | 17 100 *                             |                         |                                 |                                      | 54.0 |                                |
| 56.0                           | 38.3                    | 105.8                           | 6 800   | 11 100 *                             | 43.6                    | 109.4                           | 4 700   | 12 600 *                             | 51.4                    | 113.4                           | 1 700   | 15 800 *                             |                         |                                 |                                      | 56.0 |                                |
| 58.0                           | 34.9                    | 103.1                           | 6 200   | 10 300 *                             | 40.7                    | 107.1                           | 4 300   | 11 800 *                             | 48.8                    | 111.7                           | 1 400   | 14 600 *                             | 55.9                    | 114.3                           | 18 300 *                             | 58.0 |                                |
| 60.0                           | 31.3                    | 100.0                           | 5 800   | 9 600 *                              | 37.5                    | 104.6                           | 3 900   | 10 900 *                             | 46.1                    | 109.8                           | 1 100   | 13 500 *                             | 53.4                    | 112.9                           | 16 900 *                             | 60.0 |                                |
| 62.0                           | 27.2                    | 96.3                            | 5 300   | 9 000 *                              | 34.1                    | 101.8                           | 3 500   | 10 200 *                             | 43.3                    | 107.8                           | 800   | 12 500 *                             | 50.9                    | 111.3                           | 15 600 *                             | 62.0 |                                |
| 64.0                           | 22.4                    | 91.9                            | 4 900   | 8 400 *                              | 30.3                    | 98.6                            | 3 200   | 9 500 *                              | 40.3                    | 105.5                           | 500   | 11 700 *                             | 48.3                    | 109.6                           | 14 400 *                             | 64.0 |                                |
| 66.0                           | 16.3                    | 86.1                            | 4 400   | 7 900 *                              | 26.1                    | 94.8                            | 2 900   | 8 800 *                              | 37.1                    | 103.0                           | 300   | 10 800 *                             | 45.6                    | 107.7                           | 13 300 *                             | 66.0 |                                |
| 68.0                           |                         |                                 |   |                                      | 21.0                    | 90.1                            | 2 500   | 8 300 *                              | 33.6                    | 100.1                           | 100   | 10 100 *                             | 42.7                    | 105.6                           | 12 400 *                             | 68.0 |                                |
| 70.0                           |                         |                                 |   |                                      | 14.4                    | 83.7                            | 2 200   | 7 700 *                              | 29.8                    | 96.9                            |   | 9 400 *                              | 39.7                    | 103.3                           | 11 500 *                             | 70.0 |                                |
| 72.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 25.5                    | 93.0                            |   | 8 800 *                              | 36.5                    | 100.7                           | 10 700 *                             | 72.0 |                                |
| 74.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 20.4                    | 88.2                            |   | 8 200 *                              | 33.0                    | 97.7                            | 10 000 *                             | 74.0 |                                |
| 76.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 13.4                    | 81.4                            |   | 7 700 *                              | 29.1                    | 94.4                            | 9 300 *                              | 76.0 |                                |
| 78.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 24.6                    | 90.4                            | 8 700 *                              | 78.0 |                                |
| 80.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 19.2                    | 85.3                            | 8 100 *                              | 80.0 |                                |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 67.1m (220 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 32.0                  | 69.5                 | 127.2                  | 17 900   | 24 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 67.5                 | 126.4                  | 16 300   | 23 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 65.4                 | 125.5                  | 14 800   | 21 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 63.3                 | 124.5                  | 13 600   | 20 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 61.2                 | 123.5                  | 12 500   | 19 400 *                       | 64.9                 | 124.7                  | 9 400  | 21 500 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 59.0                 | 122.3                  | 11 500   | 18 200 *                       | 62.8                 | 123.7                  | 8 600  | 20 300 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 56.8                 | 121.0                  | 10 600   | 17 100 *                       | 60.7                 | 122.7                  | 7 800  | 19 100 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 54.5                 | 119.7                  | 9 700  | 16 000 *                       | 58.5                 | 121.5                  | 7 100  | 17 900 *                       |                      |                        |  |                                |                      |                        |                                | 46.0                  |
| 48.0                  | 52.2                 | 118.1                  | 9 000  | 14 900 *                       | 56.3                 | 120.2                  | 6 500  | 16 800 *                       |                      |                        |  |                                |                      |                        |                                | 48.0                  |
| 50.0                  | 49.7                 | 116.5                  | 8 300  | 13 800 *                       | 54.0                 | 118.7                  | 5 900  | 15 800 *                       | 60.4                 | 121.2                  | 2 500  | 18 700 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 47.2                 | 114.7                  | 7 700  | 12 700 *                       | 51.6                 | 117.2                  | 5 400  | 14 600 *                       | 58.2                 | 120.0                  | 2 000  | 17 700 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 44.6                 | 112.7                  | 7 100  | 11 800 *                       | 49.1                 | 115.5                  | 4 900  | 13 500 *                       | 56.0                 | 118.7                  | 1 700  | 16 700 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 41.8                 | 110.6                  | 6 500  | 11 000 *                       | 46.6                 | 113.7                  | 4 500  | 12 500 *                       | 53.7                 | 117.3                  | 1 400  | 15 600 *                       |                      |                        |                                | 56.0                  |
| 58.0                  | 38.9                 | 108.2                  | 6 000  | 10 200 *                       | 43.9                 | 111.7                  | 4 100  | 11 600 *                       | 51.3                 | 115.7                  | 1 100  | 14 500 *                       | 57.8                 | 117.9                  | 17 200 *                       | 58.0                  |
| 60.0                  | 35.8                 | 105.5                  | 5 500  | 9 500 *                        | 41.1                 | 109.5                  | 3 700  | 10 800 *                       | 48.8                 | 114.0                  | 800  | 13 400 *                       | 55.6                 | 116.6                  | 16 200 *                       | 60.0                  |
| 62.0                  | 32.4                 | 102.5                  | 5 100  | 8 800 *                        | 38.1                 | 107.0                  | 3 300  | 10 000 *                       | 46.3                 | 112.1                  | 500  | 12 400 *                       | 53.2                 | 115.2                  | 15 300 *                       | 62.0                  |
| 64.0                  | 28.6                 | 99.1                   | 4 600  | 8 200 *                        | 34.9                 | 104.3                  | 2 900  | 9 300 *                        | 43.6                 | 110.1                  | 300  | 11 500 *                       | 50.8                 | 113.6                  | 14 300 *                       | 64.0                  |
| 66.0                  | 24.4                 | 95.0                   | 4 200  | 7 700 *                        | 31.5                 | 101.2                  | 2 600  | 8 700 *                        | 40.8                 | 107.9                  |  | 10 700 *                       | 48.4                 | 111.9                  | 13 200 *                       | 66.0                  |
| 68.0                  | 19.2                 | 89.9                   | 3 800  | 7 100 *                        | 27.6                 | 97.6                   | 2 300  | 8 100 *                        | 37.8                 | 105.4                  |  | 9 900 *                        | 45.8                 | 110.0                  | 12 200 *                       | 68.0                  |
| 70.0                  | 12.1                 | 82.6                   | 3 500  | 6 600 *                        | 23.2                 | 93.3                   | 2 000  | 7 500 *                        | 34.6                 | 102.6                  |  | 9 200 *                        | 43.1                 | 107.9                  | 11 400 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                | 17.7                 | 87.9                   | 1 700  | 7 000 *                        | 31.0                 | 99.5                   |  | 8 600 *                        | 40.2                 | 105.6                  | 10 600 *                       | 72.0                  |
| 74.0                  |                      |                        |  |                                | 9.5                  | 79.3                   | 1 400  | 6 300 *                        | 27.1                 | 95.8                   |  | 8 000 *                        | 37.2                 | 103.1                  | 9 800 *                        | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                | 22.6                 | 91.4                   |  | 7 500 *                        | 33.9                 | 100.3                  | 9 100 *                        | 76.0                  |
| 78.0                  |                      |                        |  |                                |                      |                        |  |                                | 16.9                 | 85.8                   |  | 7 000 *                        | 30.4                 | 97.0                   | 8 500 *                        | 78.0                  |
| 80.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.3                 | 93.3                   | 7 900 *                        | 80.0                  |
| 84.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 15.7                 | 82.6                   | 6 800 *                        | 84.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 73.2m (240 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 21.3                  | 62.2                 | 95.0                   | 35 000 <b>b</b>  | 70 300 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.3                  |
| 22.0                  | 60.2                 | 94.6                   | 33 700 <b>b</b>  | 66 600 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 53.7                 | 93.2                   | 30 100 <b>b</b>  | 56 000 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 46.6                 | 91.5                   | 27 000   | 47 600 *                       | 59.6                 | 93.9                   | 21 900 <b>b</b>  | 66 100 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 38.5                 | 89.2                   | 24 500   | 41 300 *                       | 53.1                 | 92.5                   | 19 900 <b>b</b>  | 54 900 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 28.4                 | 86.1                   | 22 300   | 36 400 *                       | 45.9                 | 90.7                   | 18 200   | 47 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 12.0                 | 80.3                   | 20 300   | 32 500 *                       | 37.7                 | 88.4                   | 16 600   | 40 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 27.3                 | 85.1                   | 15 300   | 36 100 *                       | 54.0                 | 91.3                   | 10 400 <b>b</b>  | 45 900 <b>b</b>                |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                |                      |                        |  |                                | 47.0                 | 89.6                   | 9 500  | 42 900                         |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                |                      |                        |  |                                | 38.9                 | 87.4                   | 8 700  | 40 200                         |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                | 29.0                 | 84.3                   | 7 900  | 36 800 *                       | 54.5                 | 89.4                   | 3 900 <b>b</b>   | 34 700 <b>b</b>                | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 47.4                 | 87.7                   | 3 500  | 32 700                         | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 39.5                 | 85.6                   | 3 100  | 30 900                         | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.7                 | 82.5                   | 2 700  | 29 300                         | 46.0                  |





# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 73.2m (240 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 21.3                  | 66.0                 | 98.4                   | 34 700 <b>b</b>  | 67 600 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.3                  |
| 22.0                  | 64.2                 | 98.1                   | 33 400 <b>b</b>  | 65 300 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 58.8                 | 96.9                   | 29 800 <b>b</b>  | 56 500 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 53.1                 | 95.6                   | 26 800   | 47 800 *                       | 63.8                 | 97.4                   | 21 600 <b>b</b>  | 66 600 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 46.9                 | 93.8                   | 24 300   | 41 500 *                       | 58.3                 | 96.2                   | 19 600 <b>b</b>  | 55 300 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 39.9                 | 91.6                   | 22 100   | 36 600 *                       | 52.6                 | 94.8                   | 17 900   | 47 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 31.7                 | 88.8                   | 20 200   | 32 600 *                       | 46.3                 | 93.0                   | 16 400   | 41 100 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 20.7                 | 84.5                   | 18 500   | 29 300 *                       | 39.2                 | 90.8                   | 15 000   | 36 200 *                       | 59.1                 | 95.0                   | 9 900 <b>b</b>   | 45 700 <b>b</b>                |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 30.9                 | 87.9                   | 13 800   | 32 300 *                       | 53.4                 | 93.6                   | 9 100  | 42 600                         |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 19.4                 | 83.4                   | 12 700   | 29 000 *                       | 47.2                 | 91.9                   | 8 300  | 39 900                         |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                | 40.3                 | 89.7                   | 7 600  | 37 000 *                       |                      |                        |  |                                | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                | 32.2                 | 86.9                   | 7 000  | 32 800 *                       | 53.8                 | 91.7                   | 3 000  | 32 400                         | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                | 21.4                 | 82.8                   | 6 400  | 29 500 *                       | 47.6                 | 90.0                   | 2 700  | 30 600                         | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 40.8                 | 87.9                   | 2 300  | 29 000                         | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.8                 | 85.2                   | 2 000  | 27 500                         | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.2                 | 81.2                   | 1 600  | 26 100                         | 50.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 73.2m (240 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 21.3                  | 68.8                 | 101.7                  | 34 500 <b>b</b>  | 64 800 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.3                  |
| 22.0                  | 67.3                 | 101.4                  | 33 200 <b>b</b>  | 63 500 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 62.6                 | 100.5                  | 29 600   | 57 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 57.8                 | 99.3                   | 26 600   | 48 300 *                       | 66.9                 | 100.8                  | 21 300 <b>b</b>  | 63 400 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 52.7                 | 97.9                   | 24 100   | 41 900 *                       | 62.2                 | 99.8                   | 19 300 <b>b</b>  | 56 400 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 47.1                 | 96.1                   | 22 000   | 36 800 *                       | 57.3                 | 98.6                   | 17 600   | 47 600 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 41.0                 | 94.0                   | 20 100   | 32 800 *                       | 52.2                 | 97.1                   | 16 100   | 41 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 34.0                 | 91.3                   | 18 500   | 29 500 *                       | 46.6                 | 95.4                   | 14 800   | 36 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 25.4                 | 87.7                   | 17 000   | 26 700 *                       | 40.4                 | 93.2                   | 13 700   | 32 500 *                       | 58.0                 | 97.3                   | 8 800  | 42 400                         |                      |                        |  |                                | 36.0                  |
| 38.0                  | 11.6                 | 81.4                   | 15 600   | 24 300 *                       | 33.3                 | 90.4                   | 12 600   | 29 200 *                       | 52.9                 | 95.9                   | 8 100  | 39 700                         |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                | 24.5                 | 86.7                   | 11 600   | 26 400 *                       | 47.4                 | 94.2                   | 7 400  | 37 100                         |                      |                        |  |                                | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                | 41.4                 | 92.1                   | 6 800  | 33 000 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                | 34.4                 | 89.4                   | 6 200  | 29 600 *                       | 53.3                 | 94.0                   | 2 400  | 30 400                         | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                | 25.9                 | 85.9                   | 5 600  | 26 800 *                       | 47.8                 | 92.4                   | 2 000  | 28 800                         | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 41.8                 | 90.3                   | 1 700  | 27 300                         | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 34.9                 | 87.7                   | 1 400  | 25 900                         | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.5                 | 84.2                   | 1 100  | 24 700                         | 52.0                  |

# Manitowoc Cranes, Inc.

Manitowoc, Wisconsin 54220 U.S.A.



## Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

# MAX-ER 225

## On 2250 or M-250

### 73.2m (240 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 22.9                  | 67.9                 | 104.4                  | 31 200 b   | 57 800 *b                      |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.9                  |
| 24.0                  | 65.6                 | 103.9                  | 29 300   | 55 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 61.4                 | 102.8                  | 26 300   | 48 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 56.9                 | 101.6                  | 23 800   | 41 800 *                       | 65.2                 | 103.2                  | 19 000   | 54 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 52.3                 | 100.2                  | 21 700   | 36 800 *                       | 61.0                 | 102.2                  | 17 200   | 47 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 47.3                 | 98.4                   | 19 900   | 32 700 *                       | 56.5                 | 100.9                  | 15 800   | 41 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 41.9                 | 96.3                   | 18 200   | 29 400 *                       | 51.9                 | 99.4                   | 14 500   | 36 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 35.8                 | 93.8                   | 16 800   | 26 600 *                       | 46.8                 | 97.7                   | 13 300   | 32 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 28.6                 | 90.5                   | 15 500   | 24 200 *                       | 41.4                 | 95.5                   | 12 300   | 29 100 *                       | 57.2                 | 99.7                   | 7 700  | 39 400                         |                      |                        |  |                                | 38.0                  |
| 40.0                  | 19.0                 | 85.8                   | 14 300   | 22 100 *                       | 35.2                 | 92.9                   | 11 400   | 26 400 *                       | 52.5                 | 98.2                   | 7 000  | 36 800                         |                      |                        |  |                                | 40.0                  |
| 42.0                  |                      |                        |  |                                | 27.9                 | 89.6                   | 10 500   | 24 000 *                       | 47.6                 | 96.5                   | 6 400  | 33 000 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  |                      |                        |  |                                | 17.9                 | 84.7                   | 9 700  | 22 000 *                       | 42.2                 | 94.4                   | 5 800  | 29 500 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                | 36.1                 | 91.9                   | 5 300  | 26 700 *                       | 52.9                 | 96.4                   | 1 600  | 28 400                         | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                | 29.0                 | 88.7                   | 4 800  | 24 300 *                       | 47.9                 | 94.7                   | 1 300  | 27 000                         | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                | 19.6                 | 84.1                   | 4 300  | 22 200 *                       | 42.6                 | 92.6                   | 1 000  | 25 700                         | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 36.6                 | 90.1                   | 700  | 24 400                         | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.5                 | 87.0                   | 500  | 23 300                         | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.3                 | 82.5                   | 200  | 22 200                         | 56.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 73.2m (240 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 22.9                  | 70.0                 | 107.7                  | 31 000 b   | 55 000 *b                      |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.9                  |
| 24.0                  | 67.9                 | 107.2                  | 29 100   | 53 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 64.2                 | 106.3                  | 26 100   | 49 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 60.3                 | 105.2                  | 23 600   | 42 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 56.3                 | 103.9                  | 21 500   | 37 600 *                       | 63.8                 | 105.6                  | 17 000   | 48 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 52.0                 | 102.5                  | 19 600   | 33 400 *                       | 59.9                 | 104.5                  | 15 500   | 42 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 47.5                 | 100.7                  | 18 000   | 30 000 *                       | 55.9                 | 103.2                  | 14 200   | 37 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 42.6                 | 98.7                   | 16 600   | 27 100 *                       | 51.6                 | 101.7                  | 13 000   | 33 100 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 37.2                 | 96.2                   | 15 300   | 24 700 *                       | 47.0                 | 100.0                  | 12 000   | 29 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 31.0                 | 93.2                   | 14 200   | 22 600 *                       | 42.1                 | 97.9                   | 11 100   | 26 900 *                       | 56.5                 | 102.0                  | 6 700  | 36 800                         |                      |                        |  |                                | 40.0                  |
| 42.0                  | 23.3                 | 89.2                   | 13 100   | 20 800 *                       | 36.7                 | 95.4                   | 10 300   | 24 500 *                       | 52.2                 | 100.5                  | 6 100  | 33 800 *                       |                      |                        |  |                                | 42.0                  |
| 44.0                  | 11.3                 | 82.5                   | 12 100   | 18 900 *                       | 30.3                 | 92.3                   | 9 500  | 22 400 *                       | 47.7                 | 98.8                   | 5 500  | 30 200 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  |                      |                        |  |                                | 22.5                 | 88.1                   | 8 800  | 20 600 *                       | 42.8                 | 96.8                   | 5 000  | 27 300 *                       | 56.7                 | 100.1                  | 1 300  | 28 200                         | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                | 37.5                 | 94.3                   | 4 500  | 24 800 *                       | 52.5                 | 98.7                   | 1 000  | 26 700                         | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                | 31.3                 | 91.3                   | 4 100  | 22 700 *                       | 48.0                 | 97.0                   | 700  | 25 400                         | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                | 23.7                 | 87.4                   | 3 700  | 20 900 *                       | 43.2                 | 94.9                   | 500  | 24 200                         | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 37.8                 | 92.6                   | 200  | 23 100                         | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 31.7                 | 89.6                   |  | 22 000                         | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.3                 | 85.7                   |  | 21 000                         | 58.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 73.2m (240 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 24.4                  | 69.2                 | 110.3                  | 28 100   | 49 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.4                  |
| 26.0                  | 66.5                 | 109.7                  | 25 800   | 47 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 63.0                 | 108.7                  | 23 300   | 43 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 59.4                 | 107.6                  | 21 200   | 37 700 *                       | 66.2                 | 109.0                  | 16 600   | 47 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 55.7                 | 106.3                  | 19 300   | 33 500 *                       | 62.7                 | 108.0                  | 15 100   | 42 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 51.7                 | 104.8                  | 17 700   | 30 000 *                       | 59.1                 | 106.9                  | 13 900   | 37 300 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 47.6                 | 103.0                  | 16 300   | 27 100 *                       | 55.3                 | 105.6                  | 12 700   | 33 100 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 43.2                 | 101.0                  | 15 100   | 24 600 *                       | 51.4                 | 104.0                  | 11 700   | 29 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 38.3                 | 98.6                   | 13 900   | 22 500 *                       | 47.2                 | 102.3                  | 10 800   | 26 900 *                       | 59.6                 | 105.6                  | 6 300  | 36 500                         |                      |                        |  |                                | 40.0                  |
| 42.0                  | 32.8                 | 95.8                   | 12 900   | 20 700 *                       | 42.7                 | 100.2                  | 10 000   | 24 500 *                       | 55.9                 | 104.3                  | 5 700  | 33 800                         |                      |                        |  |                                | 42.0                  |
| 44.0                  | 26.3                 | 92.2                   | 12 000   | 19 100 *                       | 37.8                 | 97.8                   | 9 200  | 22 400 *                       | 52.0                 | 102.8                  | 5 200  | 30 200 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 17.8                 | 87.1                   | 11 100   | 17 600 *                       | 32.3                 | 94.9                   | 8 500  | 20 500 *                       | 47.8                 | 101.1                  | 4 700  | 27 200 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  |                      |                        |  |                                | 25.7                 | 91.2                   | 7 900  | 19 000 *                       | 43.4                 | 99.1                   | 4 200  | 24 800 *                       | 56.1                 | 102.4                  | 600  | 26 400                         | 48.0                  |
| 50.0                  |                      |                        |  |                                | 16.8                 | 85.9                   | 7 300  | 17 500 *                       | 38.5                 | 96.7                   | 3 800  | 22 600 *                       | 52.2                 | 101.0                  | 300  | 25 100                         | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                | 33.1                 | 93.9                   | 3 400  | 20 800 *                       | 48.1                 | 99.3                   |  | 23 900                         | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                | 26.7                 | 90.3                   | 3 000  | 19 200 *                       | 43.7                 | 97.3                   |  | 22 800                         | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                | 18.3                 | 85.4                   | 2 700  | 17 700 *                       | 38.9                 | 94.9                   |  | 21 700                         | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 33.5                 | 92.2                   |  | 20 800                         | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.2                 | 88.6                   |  | 19 300 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.0                 | 83.8                   |  | 17 800 *                       | 62.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 73.2m (240 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 24.4                  | 70.9                 | 113.6                  | 28 000   | 45 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.4                  |
| 26.0                  | 68.4                 | 113.0                  | 25 700   | 44 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 65.2                 | 112.1                  | 23 200   | 42 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 62.0                 | 111.1                  | 21 100   | 37 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 58.6                 | 109.9                  | 19 200   | 33 400 *                       | 65.0                 | 111.4                  | 15 000   | 42 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 55.2                 | 108.6                  | 17 600   | 29 900 *                       | 61.7                 | 110.4                  | 13 700   | 37 200 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 51.5                 | 107.1                  | 16 200   | 27 000 *                       | 58.3                 | 109.2                  | 12 600   | 33 100 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 47.7                 | 105.3                  | 15 000   | 24 600 *                       | 54.9                 | 107.9                  | 11 600   | 29 700 *                       |                      |                        |  |                                |                      |                        |  |                                | 38.0                  |
| 40.0                  | 43.6                 | 103.3                  | 13 900   | 22 500 *                       | 51.2                 | 106.3                  | 10 700   | 26 800 *                       | 62.2                 | 109.1                  | 6 100  | 36 400                         |                      |                        |  |                                | 40.0                  |
| 42.0                  | 39.2                 | 101.0                  | 12 800   | 20 600 *                       | 47.4                 | 104.6                  | 9 900  | 24 400 *                       | 58.8                 | 108.0                  | 5 600  | 33 700                         |                      |                        |  |                                | 42.0                  |
| 44.0                  | 34.3                 | 98.3                   | 11 900   | 19 000 *                       | 43.2                 | 102.6                  | 9 100  | 22 300 *                       | 55.4                 | 106.6                  | 5 000  | 30 200 *                       |                      |                        |  |                                | 44.0                  |
| 46.0                  | 28.7                 | 95.0                   | 11 000   | 17 600 *                       | 38.8                 | 100.2                  | 8 400  | 20 500 *                       | 51.7                 | 105.1                  | 4 600  | 27 200 *                       |                      |                        |  |                                | 46.0                  |
| 48.0                  | 21.7                 | 90.6                   | 10 300   | 16 300 *                       | 33.8                 | 97.4                   | 7 800  | 18 900 *                       | 47.9                 | 103.4                  | 4 100  | 24 700 *                       |                      |                        |  |                                | 48.0                  |
| 50.0                  | 11.1                 | 83.6                   | 9 500  | 15 000 *                       | 28.1                 | 94.0                   | 7 200  | 17 500 *                       | 43.8                 | 101.4                  | 3 700  | 22 600 *                       | 55.6                 | 104.8                  | 200  | 25 000                         | 50.0                  |
| 52.0                  |                      |                        |  |                                | 21.0                 | 89.5                   | 6 700  | 16 200 *                       | 39.4                 | 99.1                   | 3 300  | 20 700 *                       | 52.0                 | 103.3                  |  | 23 800                         | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                | 34.6                 | 96.4                   | 2 900  | 19 100 *                       | 48.2                 | 101.6                  |  | 22 700                         | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                | 29.0                 | 93.1                   | 2 600  | 17 700 *                       | 44.1                 | 99.6                   |  | 21 600                         | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                | 22.1                 | 88.8                   | 2 200  | 16 400 *                       | 39.7                 | 97.3                   |  | 20 700                         | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 34.9                 | 94.6                   |  | 19 300 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.4                 | 91.4                   |  | 17 800 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.7                 | 87.2                   |  | 16 500 *                       | 64.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 73.2m (240 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 25.9                  | 70.1                 | 116.3                  | 25 500   | 41 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 25.9                  |
| 26.0                  | 70.0                 | 116.3                  | 25 400   | 41 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 26.0                  |
| 28.0                  | 67.1                 | 115.4                  | 22 900   | 40 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 64.2                 | 114.5                  | 20 800   | 37 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 61.1                 | 113.5                  | 19 000   | 33 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 58.0                 | 112.3                  | 17 300   | 29 800 *                       | 63.9                 | 113.8                  | 13 400   | 37 300 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 54.7                 | 110.9                  | 15 900   | 26 800 *                       | 60.8                 | 112.8                  | 12 300   | 32 900 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 51.4                 | 109.4                  | 14 700   | 24 400 *                       | 57.7                 | 111.6                  | 11 200   | 29 500 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 47.8                 | 107.6                  | 13 600   | 22 300 *                       | 54.4                 | 110.2                  | 10 400   | 26 600 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 44.0                 | 105.7                  | 12 600   | 20 400 *                       | 51.0                 | 108.6                  | 9 500  | 24 200 *                       | 61.3                 | 111.5                  | 5 200  | 33 400                         |                      |                        |                                | 42.0                  |
| 44.0                  | 40.0                 | 103.4                  | 11 600   | 18 800 *                       | 47.5                 | 106.9                  | 8 800  | 22 100 *                       | 58.2                 | 110.3                  | 4 700  | 29 900 *                       |                      |                        |                                | 44.0                  |
| 46.0                  | 35.5                 | 100.8                  | 10 800   | 17 400 *                       | 43.7                 | 104.9                  | 8 200  | 20 300 *                       | 54.9                 | 109.0                  | 4 200  | 27 000 *                       |                      |                        |                                | 46.0                  |
| 48.0                  | 30.5                 | 97.6                   | 10 000   | 16 100 *                       | 39.6                 | 102.6                  | 7 500  | 18 600 *                       | 51.5                 | 107.4                  | 3 700  | 24 500 *                       |                      |                        |                                | 48.0                  |
| 50.0                  | 24.6                 | 93.7                   | 9 300  | 14 900 *                       | 35.1                 | 99.9                   | 7 000  | 17 200 *                       | 48.0                 | 105.7                  | 3 300  | 22 400 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 16.9                 | 88.3                   | 8 600  | 13 900 *                       | 30.1                 | 96.7                   | 6 400  | 16 000 *                       | 44.2                 | 103.7                  | 3 000  | 20 500 *                       | 55.1                 | 107.1                  | 23 500                         | 52.0                  |
| 54.0                  |                      |                        |  |                                | 24.0                 | 92.7                   | 5 900  | 14 900 *                       | 40.2                 | 101.5                  | 2 600  | 18 900 *                       | 51.8                 | 105.6                  | 22 400                         | 54.0                  |
| 56.0                  |                      |                        |  |                                | 16.0                 | 87.1                   | 5 400  | 13 800 *                       | 35.8                 | 98.9                   | 2 300  | 17 500 *                       | 48.2                 | 103.9                  | 21 400                         | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                | 30.8                 | 95.8                   | 2 000  | 16 200 *                       | 44.5                 | 101.9                  | 20 400                         | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                | 25.0                 | 91.9                   | 1 700  | 15 000 *                       | 40.5                 | 99.7                   | 19 000 *                       | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                | 17.3                 | 86.6                   | 1 400  | 14 000 *                       | 36.1                 | 97.1                   | 17 500 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 31.2                 | 94.0                   | 16 300 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.4                 | 90.2                   | 15 100 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 17.9                 | 85.1                   | 14 100 *                       | 68.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 73.2m (240 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                |                       |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms | Jib Oper. Rad. Meters |
| 27.4                  | 69.5                 | 119.0                  | 23 300   | 38 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 27.4                  |
| 28.0                  | 68.7                 | 118.7                  | 22 700   | 37 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 66.0                 | 117.9                  | 20 500   | 36 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 63.2                 | 116.9                  | 18 700   | 33 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 60.4                 | 115.8                  | 17 100   | 30 300 *                       | 65.8                 | 117.2                  | 13 100   | 36 300 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 57.4                 | 114.6                  | 15 700   | 27 300 *                       | 63.0                 | 116.2                  | 12 000   | 33 800 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 54.4                 | 113.2                  | 14 400   | 24 800 *                       | 60.1                 | 115.1                  | 11 000   | 30 000 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 51.2                 | 111.7                  | 13 300   | 22 600 *                       | 57.1                 | 113.9                  | 10 100   | 27 100 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 47.9                 | 109.9                  | 12 300   | 20 700 *                       | 54.1                 | 112.5                  | 9 300  | 24 600 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 44.4                 | 108.0                  | 11 400   | 19 100 *                       | 50.9                 | 110.9                  | 8 500  | 22 400 *                       | 60.5                 | 113.9                  | 4 400  | 30 500 *                       |                      |                        |                                | 44.0                  |
| 46.0                  | 40.6                 | 105.8                  | 10 600   | 17 600 *                       | 47.6                 | 109.2                  | 7 900  | 20 600 *                       | 57.6                 | 112.6                  | 3 900  | 27 500 *                       |                      |                        |                                | 46.0                  |
| 48.0                  | 36.6                 | 103.2                  | 9 800  | 16 300 *                       | 44.1                 | 107.2                  | 7 200  | 18 900 *                       | 54.5                 | 111.3                  | 3 400  | 24 900 *                       |                      |                        |                                | 48.0                  |
| 50.0                  | 32.1                 | 100.2                  | 9 100  | 15 100 *                       | 40.3                 | 105.0                  | 6 700  | 17 500 *                       | 51.4                 | 109.7                  | 3 000  | 22 700 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 26.9                 | 96.6                   | 8 500  | 14 100 *                       | 36.2                 | 102.4                  | 6 200  | 16 200 *                       | 48.1                 | 108.0                  | 2 700  | 20 800 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 20.5                 | 92.0                   | 7 800  | 13 100 *                       | 31.6                 | 99.3                   | 5 700  | 15 000 *                       | 44.6                 | 106.1                  | 2 300  | 19 200 *                       | 54.7                 | 109.4                  | 22 100                         | 54.0                  |
| 56.0                  | 11.0                 | 84.6                   | 7 200  | 11 700 *                       | 26.4                 | 95.7                   | 5 200  | 14 000 *                       | 40.8                 | 103.9                  | 2 000  | 17 700 *                       | 51.6                 | 107.9                  | 21 100                         | 56.0                  |
| 58.0                  |                      |                        |  |                                | 19.9                 | 90.9                   | 4 800  | 13 000 *                       | 36.8                 | 101.3                  | 1 700  | 16 400 *                       | 48.3                 | 106.2                  | 20 200                         | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                | 32.3                 | 98.4                   | 1 400  | 15 200 *                       | 44.8                 | 104.2                  | 19 200                         | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                | 27.2                 | 94.8                   | 1 100  | 14 100 *                       | 41.1                 | 102.0                  | 17 800 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                | 20.9                 | 90.2                   | 900  | 13 200 *                       | 37.1                 | 99.5                   | 16 500 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.6                 | 96.6                   | 15 300 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.5                 | 93.1                   | 14 200 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.4                 | 88.6                   | 13 200 *                       | 70.0                  |





# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 73.2m (240 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 27.4                  | 70.8                 | 122.2                  | 23 000   | 35 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 27.4                  |
| 28.0                  | 70.1                 | 122.0                  | 22 400   | 35 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 67.6                 | 121.2                  | 20 200   | 34 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 65.0                 | 120.3                  | 18 400   | 33 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 62.4                 | 119.3                  | 16 800   | 30 100 *                       | 67.4                 | 120.6                  | 12 700   | 33 900 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 59.7                 | 118.2                  | 15 400   | 27 100 *                       | 64.8                 | 119.6                  | 11 600   | 32 800 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 56.9                 | 116.9                  | 14 200   | 24 500 *                       | 62.1                 | 118.6                  | 10 700   | 29 900 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 54.0                 | 115.5                  | 13 000   | 22 300 *                       | 59.4                 | 117.5                  | 9 800  | 26 800 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 51.1                 | 114.0                  | 12 100   | 20 400 *                       | 56.7                 | 116.2                  | 9 000  | 24 300 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 48.0                 | 112.2                  | 11 100   | 18 800 *                       | 53.8                 | 114.8                  | 8 200  | 22 200 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 44.7                 | 110.3                  | 10 300   | 17 400 *                       | 50.8                 | 113.2                  | 7 600  | 20 300 *                       | 59.8                 | 116.2                  | 3 500  | 27 200 *                       |                      |                        |                                | 46.0                  |
| 48.0                  | 41.2                 | 108.1                  | 9 600  | 16 000 *                       | 47.7                 | 111.5                  | 6 900  | 18 700 *                       | 57.1                 | 115.0                  | 3 100  | 24 700 *                       |                      |                        |                                | 48.0                  |
| 50.0                  | 37.5                 | 105.6                  | 8 900  | 14 900 *                       | 44.4                 | 109.5                  | 6 400  | 17 200 *                       | 54.2                 | 113.6                  | 2 700  | 22 500 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 33.4                 | 102.8                  | 8 200  | 13 800 *                       | 40.9                 | 107.3                  | 5 900  | 15 900 *                       | 51.2                 | 112.0                  | 2 300  | 20 600 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 28.7                 | 99.4                   | 7 600  | 12 900 *                       | 37.1                 | 104.8                  | 5 400  | 14 800 *                       | 48.1                 | 110.3                  | 2 000  | 18 900 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 23.3                 | 95.2                   | 7 100  | 12 000 *                       | 33.0                 | 101.9                  | 4 900  | 13 700 *                       | 44.8                 | 108.4                  | 1 700  | 17 400 *                       | 54.4                 | 111.7                  | 20 800                         | 56.0                  |
| 58.0                  | 16.1                 | 89.5                   | 6 500  | 11 200 *                       | 28.3                 | 98.5                   | 4 500  | 12 800 *                       | 41.4                 | 106.2                  | 1 400  | 16 100 *                       | 51.4                 | 110.2                  | 19 900                         | 58.0                  |
| 60.0                  |                      |                        |  |                                | 22.7                 | 94.2                   | 4 100  | 12 000 *                       | 37.7                 | 103.7                  | 1 100  | 15 000 *                       | 48.3                 | 108.5                  | 18 900                         | 60.0                  |
| 62.0                  |                      |                        |  |                                | 15.3                 | 88.2                   | 3 700  | 11 200 *                       | 33.6                 | 100.9                  | 800  | 13 900 *                       | 45.1                 | 106.5                  | 17 500 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                | 29.0                 | 97.6                   | 600  | 12 900 *                       | 41.6                 | 104.4                  | 16 200 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                | 23.6                 | 93.4                   | 300  | 12 100 *                       | 37.9                 | 101.9                  | 15 000 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                | 16.6                 | 87.8                   | 100  | 11 300 *                       | 33.9                 | 99.1                   | 14 000 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.3                 | 95.8                   | 13 000 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                 | 91.8                   | 12 100 *                       | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 17.1                 | 86.3                   | 11 300 *                       | 74.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 73.2m (240 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                |                       |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms | Jib Oper. Rad. Meters |
| 29.0                  | 70.2                 | 124.9                  | 21 100   | 32 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 29.0                  |
| 30.0                  | 69.0                 | 124.5                  | 20 100   | 32 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 66.6                 | 123.7                  | 18 200   | 31 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 64.1                 | 122.7                  | 16 600   | 29 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 61.6                 | 121.7                  | 15 200   | 27 000 *                       | 66.4                 | 123.0                  | 11 500   | 30 900 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 59.1                 | 120.5                  | 14 000   | 24 400 *                       | 63.9                 | 122.1                  | 10 500   | 29 600 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 56.5                 | 119.3                  | 12 900   | 22 200 *                       | 61.4                 | 121.0                  | 9 600  | 26 700 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 53.8                 | 117.8                  | 11 900   | 20 300 *                       | 58.9                 | 119.8                  | 8 800  | 24 200 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 50.9                 | 116.3                  | 11 000   | 18 700 *                       | 56.2                 | 118.5                  | 8 100  | 22 100 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 48.0                 | 114.5                  | 10 200   | 17 200 *                       | 53.5                 | 117.1                  | 7 400  | 20 200 *                       | 61.8                 | 119.7                  | 3 300  | 27 100 *                       |                      |                        |                                | 46.0                  |
| 48.0                  | 44.9                 | 112.6                  | 9 400  | 15 900 *                       | 50.7                 | 115.5                  | 6 800  | 18 500 *                       | 59.2                 | 118.6                  | 2 900  | 24 600 *                       |                      |                        |                                | 48.0                  |
| 50.0                  | 41.7                 | 110.5                  | 8 800  | 14 800 *                       | 47.7                 | 113.8                  | 6 200  | 17 100 *                       | 56.6                 | 117.3                  | 2 500  | 22 300 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 38.2                 | 108.0                  | 8 100  | 13 700 *                       | 44.7                 | 111.8                  | 5 800  | 15 800 *                       | 53.9                 | 115.9                  | 2 200  | 20 400 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 34.4                 | 105.3                  | 7 500  | 12 800 *                       | 41.4                 | 109.7                  | 5 200  | 14 600 *                       | 51.1                 | 114.3                  | 1 800  | 18 800 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 30.3                 | 102.1                  | 6 900  | 11 900 *                       | 37.9                 | 107.2                  | 4 800  | 13 600 *                       | 48.2                 | 112.6                  | 1 500  | 17 300 *                       |                      |                        |                                | 56.0                  |
| 58.0                  | 25.5                 | 98.2                   | 6 500  | 11 100 *                       | 34.1                 | 104.4                  | 4 400  | 12 700 *                       | 45.1                 | 110.7                  | 1 200  | 16 000 *                       | 54.1                 | 114.0                  | 19 800                         | 58.0                  |
| 60.0                  | 19.6                 | 93.3                   | 5 900  | 10 400 *                       | 29.9                 | 101.2                  | 4 000  | 11 800 *                       | 41.9                 | 108.6                  | 1 000  | 14 800 *                       | 51.3                 | 112.5                  | 18 800                         | 60.0                  |
| 62.0                  | 10.9                 | 85.7                   | 5 400  | 9 300 *                        | 25.0                 | 97.2                   | 3 600  | 11 000 *                       | 38.4                 | 106.1                  | 700  | 13 700 *                       | 48.4                 | 110.8                  | 17 400 *                       | 62.0                  |
| 64.0                  |                      |                        |  |                                | 19.0                 | 92.2                   | 3 300  | 10 300 *                       | 34.6                 | 103.4                  | 400  | 12 800 *                       | 45.3                 | 108.9                  | 16 100 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                | 30.5                 | 100.2                  | 200  | 12 000 *                       | 42.1                 | 106.7                  | 14 900 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                | 25.7                 | 96.4                   |  | 11 100 *                       | 38.6                 | 104.3                  | 13 800 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                | 19.9                 | 91.5                   |  | 10 400 *                       | 34.9                 | 101.6                  | 12 900 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.8                 | 98.5                   | 12 000 *                       | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.1                 | 94.7                   | 11 200 *                       | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.3                 | 89.9                   | 10 500 *                       | 76.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 73.2m (240 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 30.5                  | 69.7                 | 127.6                  | 19 300   | 29 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.5                  |
| 32.0                  | 68.0                 | 127.0                  | 18 000   | 29 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 65.7                 | 126.1                  | 16 400   | 27 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 63.4                 | 125.1                  | 15 000   | 26 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 61.0                 | 124.1                  | 13 700   | 24 200 *                       | 65.5                 | 125.4                  | 10 200   | 27 500 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 58.6                 | 122.9                  | 12 600   | 22 000 *                       | 63.1                 | 124.5                  | 9 300  | 26 200 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 56.1                 | 121.6                  | 11 600   | 20 100 *                       | 60.8                 | 123.4                  | 8 500  | 24 000 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 53.5                 | 120.2                  | 10 700   | 18 400 *                       | 58.3                 | 122.2                  | 7 800  | 21 800 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 50.8                 | 118.6                  | 9 900  | 16 900 *                       | 55.8                 | 120.9                  | 7 100  | 19 900 *                       |                      |                        |  |                                |                      |                        |                                | 46.0                  |
| 48.0                  | 48.1                 | 116.8                  | 9 200  | 15 700 *                       | 53.3                 | 119.4                  | 6 500  | 18 300 *                       | 61.1                 | 122.1                  | 2 600  | 24 300 *                       |                      |                        |                                | 48.0                  |
| 50.0                  | 45.2                 | 114.9                  | 8 500  | 14 500 *                       | 50.6                 | 117.8                  | 6 000  | 16 800 *                       | 58.7                 | 120.9                  | 2 200  | 22 100 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 42.1                 | 112.8                  | 7 800  | 13 500 *                       | 47.8                 | 116.1                  | 5 400  | 15 600 *                       | 56.2                 | 119.6                  | 1 800  | 20 200 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 38.9                 | 110.4                  | 7 300  | 12 500 *                       | 44.9                 | 114.1                  | 5 000  | 14 400 *                       | 53.6                 | 118.2                  | 1 500  | 18 500 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 35.4                 | 107.7                  | 6 700  | 11 600 *                       | 41.8                 | 112.0                  | 4 500  | 13 400 *                       | 51.0                 | 116.6                  | 1 200  | 17 000 *                       |                      |                        |                                | 56.0                  |
| 58.0                  | 31.6                 | 104.7                  | 6 200  | 10 800 *                       | 38.6                 | 109.6                  | 4 100  | 12 400 *                       | 48.2                 | 114.9                  | 900  | 15 700 *                       | 56.4                 | 117.8                  | 19 500                         | 58.0                  |
| 60.0                  | 27.3                 | 101.1                  | 5 700  | 10 100 *                       | 35.1                 | 106.9                  | 3 700  | 11 600 *                       | 45.3                 | 113.0                  | 600  | 14 600 *                       | 53.8                 | 116.3                  | 18 500                         | 60.0                  |
| 62.0                  | 22.2                 | 96.6                   | 5 300  | 9 400 *                        | 31.2                 | 103.8                  | 3 300  | 10 800 *                       | 42.3                 | 110.9                  | 400  | 13 500 *                       | 51.2                 | 114.8                  | 17 200 *                       | 62.0                  |
| 64.0                  | 15.6                 | 90.6                   | 4 800  | 8 800 *                        | 26.8                 | 100.1                  | 3 000  | 10 100 *                       | 39.1                 | 108.5                  | 100  | 12 600 *                       | 48.4                 | 113.1                  | 15 800 *                       | 64.0                  |
| 66.0                  |                      |                        |  |                                | 21.7                 | 95.6                   | 2 700  | 9 400 *                        | 35.6                 | 105.9                  |  | 11 700 *                       | 45.5                 | 111.2                  | 14 700 *                       | 66.0                  |
| 68.0                  |                      |                        |  |                                | 14.8                 | 89.4                   | 2 300  | 8 800 *                        | 31.8                 | 102.8                  |  | 10 900 *                       | 42.5                 | 109.1                  | 13 600 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                | 27.5                 | 99.2                   |  | 10 200 *                       | 39.3                 | 106.7                  | 12 600 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                | 22.5                 | 94.9                   |  | 9 500 *                        | 35.8                 | 104.1                  | 11 800 *                       | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                | 16.0                 | 89.0                   |  | 8 900 *                        | 32.0                 | 101.1                  | 11 000 *                       | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.8                 | 97.5                   | 10 200 *                       | 76.0                  |
| 78.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.8                 | 93.2                   | 9 600 *                        | 78.0                  |
| 80.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 16.5                 | 87.5                   | 8 900 *                        | 80.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225

### On 2250 or M-250

### 73.2m (240 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                |      | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |      |                       |
| 30.5                  | 70.8                 | 130.8                  | 19 100   | 27 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.5 |                       |
| 32.0                  | 69.2                 | 130.3                  | 17 700   | 26 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0 |                       |
| 34.0                  | 67.0                 | 129.5                  | 16 100   | 25 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0 |                       |
| 36.0                  | 64.9                 | 128.5                  | 14 700   | 24 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 36.0 |                       |
| 38.0                  | 62.7                 | 127.5                  | 13 500   | 22 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 38.0 |                       |
| 40.0                  | 60.4                 | 126.4                  | 12 400   | 21 500 *                       | 64.7                 | 127.9                  | 9 000  | 23 800 *                       |                      |                        |  |                                |                      |                        |                                | 40.0 |                       |
| 42.0                  | 58.1                 | 125.2                  | 11 400   | 20 200 *                       | 62.5                 | 126.9                  | 8 200  | 22 600 *                       |                      |                        |  |                                |                      |                        |                                | 42.0 |                       |
| 44.0                  | 55.7                 | 123.9                  | 10 500   | 18 500 *                       | 60.2                 | 125.7                  | 7 500  | 21 500 *                       |                      |                        |  |                                |                      |                        |                                | 44.0 |                       |
| 46.0                  | 53.3                 | 122.5                  | 9 700  | 16 900 *                       | 57.9                 | 124.5                  | 6 800  | 20 000 *                       |                      |                        |  |                                |                      |                        |                                | 46.0 |                       |
| 48.0                  | 50.7                 | 120.9                  | 8 900  | 15 600 *                       | 55.5                 | 123.2                  | 6 300  | 18 300 *                       |                      |                        |  |                                |                      |                        |                                | 48.0 |                       |
| 50.0                  | 48.1                 | 119.1                  | 8 300  | 14 400 *                       | 53.0                 | 121.7                  | 5 700  | 16 800 *                       | 60.5                 | 124.5                  | 1 900  | 21 300 *                       |                      |                        |                                | 50.0 |                       |
| 52.0                  | 45.4                 | 117.2                  | 7 600  | 13 400 *                       | 50.5                 | 120.1                  | 5 200  | 15 500 *                       | 58.2                 | 123.3                  | 1 600  | 20 300 *                       |                      |                        |                                | 52.0 |                       |
| 54.0                  | 42.5                 | 115.1                  | 7 000  | 12 400 *                       | 47.9                 | 118.4                  | 4 700  | 14 400 *                       | 55.8                 | 122.0                  | 1 200  | 18 600 *                       |                      |                        |                                | 54.0 |                       |
| 56.0                  | 39.5                 | 112.8                  | 6 500  | 11 500 *                       | 45.1                 | 116.5                  | 4 300  | 13 300 *                       | 53.4                 | 120.5                  | 900  | 17 000 *                       |                      |                        |                                | 56.0 |                       |
| 58.0                  | 36.2                 | 110.2                  | 6 000  | 10 700 *                       | 42.2                 | 114.3                  | 3 900  | 12 300 *                       | 50.9                 | 118.9                  | 600  | 15 700 *                       |                      |                        |                                | 58.0 |                       |
| 60.0                  | 32.7                 | 107.2                  | 5 500  | 10 000 *                       | 39.2                 | 112.0                  | 3 500  | 11 500 *                       | 48.3                 | 117.2                  | 300  | 14 500 *                       | 56.0                 | 120.1                  | 18 400                         | 60.0 |                       |
| 62.0                  | 28.8                 | 103.8                  | 5 100  | 9 300 *                        | 35.9                 | 109.3                  | 3 100  | 10 700 *                       | 45.5                 | 115.3                  | 100  | 13 400 *                       | 53.6                 | 118.6                  | 17 200 *                       | 62.0 |                       |
| 64.0                  | 24.3                 | 99.7                   | 4 700  | 8 700 *                        | 32.4                 | 106.4                  | 2 800  | 9 900 *                        | 42.7                 | 113.2                  |  | 12 500 *                       | 51.0                 | 117.1                  | 15 800 *                       | 64.0 |                       |
| 66.0                  | 18.8                 | 94.6                   | 4 300  | 8 100 *                        | 28.4                 | 102.9                  | 2 500  | 9 300 *                        | 39.6                 | 110.9                  |  | 11 600 *                       | 48.4                 | 115.4                  | 14 600 *                       | 66.0 |                       |
| 68.0                  | 10.8                 | 86.8                   | 3 800  | 7 300 *                        | 23.8                 | 98.7                   | 2 200  | 8 600 *                        | 36.4                 | 108.3                  |  | 10 800 *                       | 45.7                 | 113.5                  | 13 500 *                       | 68.0 |                       |
| 70.0                  |                      |                        |  |                                | 18.2                 | 93.4                   | 1 900  | 8 100 *                        | 32.9                 | 105.4                  |  | 10 100 *                       | 42.9                 | 111.4                  | 12 500 *                       | 70.0 |                       |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                | 29.0                 | 102.0                  |  | 9 300 *                        | 39.8                 | 109.1                  | 11 600 *                       | 72.0 |                       |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                | 24.5                 | 97.9                   |  | 8 700 *                        | 36.6                 | 106.5                  | 10 800 *                       | 74.0 |                       |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                | 19.1                 | 92.8                   |  | 8 100 *                        | 33.1                 | 103.6                  | 10 100 *                       | 76.0 |                       |
| 78.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.3                 | 100.3                  | 9 400 *                        | 78.0 |                       |
| 80.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.8                 | 96.3                   | 8 800 *                        | 80.0 |                       |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225

### On 2250 or M-250

### 73.2m (240 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 32.0                  | 70.3                 | 133.5                  | 17 400   | 24 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 68.3                 | 132.8                  | 15 800   | 23 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 66.2                 | 131.9                  | 14 400   | 22 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 64.1                 | 131.0                  | 13 200   | 20 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 62.0                 | 129.9                  | 12 100   | 19 700 *                       | 66.0                 | 131.2                  | 8 700  | 21 900 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 59.9                 | 128.8                  | 11 100   | 18 600 *                       | 63.9                 | 130.3                  | 7 900  | 20 800 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 57.6                 | 127.6                  | 10 200   | 17 400 *                       | 61.8                 | 129.2                  | 7 200  | 19 600 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 55.4                 | 126.2                  | 9 400  | 16 300 *                       | 59.7                 | 128.1                  | 6 500  | 18 500 *                       |                      |                        |  |                                |                      |                        |                                | 46.0                  |
| 48.0                  | 53.1                 | 124.8                  | 8 700  | 15 300 *                       | 57.4                 | 126.9                  | 5 900  | 17 400 *                       |                      |                        |  |                                |                      |                        |                                | 48.0                  |
| 50.0                  | 50.7                 | 123.2                  | 8 000  | 14 200 *                       | 55.2                 | 125.5                  | 5 400  | 16 300 *                       |                      |                        |  |                                |                      |                        |                                | 50.0                  |
| 52.0                  | 48.2                 | 121.4                  | 7 300  | 13 100 *                       | 52.8                 | 124.0                  | 4 900  | 15 200 *                       | 60.0                 | 126.8                  | 1 200  | 18 400 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 45.6                 | 119.5                  | 6 800  | 12 200 *                       | 50.4                 | 122.4                  | 4 400  | 14 100 *                       | 57.8                 | 125.6                  | 800  | 17 400 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 42.9                 | 117.5                  | 6 200  | 11 300 *                       | 47.9                 | 120.7                  | 4 000  | 13 000 *                       | 55.5                 | 124.3                  | 600  | 16 400 *                       |                      |                        |                                | 56.0                  |
| 58.0                  | 40.0                 | 115.2                  | 5 700  | 10 500 *                       | 45.3                 | 118.8                  | 3 600  | 12 100 *                       | 53.2                 | 122.8                  | 300  | 15 400 *                       |                      |                        |                                | 58.0                  |
| 60.0                  | 37.0                 | 112.6                  | 5 300  | 9 700 *                        | 42.6                 | 116.7                  | 3 200  | 11 200 *                       | 50.8                 | 121.2                  |  | 14 300 *                       |                      |                        |                                | 60.0                  |
| 62.0                  | 33.7                 | 109.8                  | 4 800  | 9 000 *                        | 39.7                 | 114.4                  | 2 800  | 10 400 *                       | 48.3                 | 119.5                  |  | 13 200 *                       | 55.7                 | 122.4                  | 16 200 *                       | 62.0                  |
| 64.0                  | 30.1                 | 106.5                  | 4 400  | 8 400 *                        | 36.7                 | 111.8                  | 2 500  | 9 700 *                        | 45.7                 | 117.6                  |  | 12 200 *                       | 53.3                 | 121.0                  | 15 300 *                       | 64.0                  |
| 66.0                  | 26.0                 | 102.7                  | 4 000  | 7 800 *                        | 33.4                 | 108.9                  | 2 200  | 9 000 *                        | 43.0                 | 115.6                  |  | 11 300 *                       | 50.9                 | 119.4                  | 14 400 *                       | 66.0                  |
| 68.0                  | 21.3                 | 98.0                   | 3 600  | 7 300 *                        | 29.7                 | 105.6                  | 1 900  | 8 400 *                        | 40.1                 | 113.3                  |  | 10 500 *                       | 48.5                 | 117.7                  | 13 300 *                       | 68.0                  |
| 70.0                  | 15.1                 | 91.8                   | 3 300  | 6 800 *                        | 25.6                 | 101.7                  | 1 600  | 7 800 *                        | 37.1                 | 110.7                  |  | 9 800 *                        | 45.9                 | 115.8                  | 12 300 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                | 20.8                 | 97.0                   | 1 400  | 7 300 *                        | 33.8                 | 107.9                  |  | 9 100 *                        | 43.2                 | 113.7                  | 11 400 *                       | 72.0                  |
| 74.0                  |                      |                        |  |                                | 14.4                 | 90.5                   | 1 000  | 6 800 *                        | 30.3                 | 104.6                  |  | 8 500 *                        | 40.3                 | 111.5                  | 10 600 *                       | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                | 26.2                 | 100.9                  |  | 7 900 *                        | 37.3                 | 108.9                  | 9 900 *                        | 76.0                  |
| 78.0                  |                      |                        |  |                                |                      |                        |  |                                | 21.5                 | 96.3                   |  | 7 400 *                        | 34.1                 | 106.1                  | 9 200 *                        | 78.0                  |
| 80.0                  |                      |                        |  |                                |                      |                        |  |                                | 15.5                 | 90.2                   |  | 6 800 *                        | 30.5                 | 102.9                  | 8 500 *                        | 80.0                  |
| 84.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.9                 | 94.6                   | 7 400 *                        | 84.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 79.2m (260 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 21.3                  | 64.5                 | 101.4                  | 34 300 <b>b</b>  | 64 200 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.3                  |
| 22.0                  | 62.5                 | 101.1                  | 33 000 <b>b</b>  | 62 700 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 56.2                 | 99.8                   | 29 400 <b>b</b>  | 58 500 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 49.3                 | 98.3                   | 26 500   | 50 700 *                       | 62.9                 | 100.5                  | 20 900 <b>b</b>  | 65 000 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 41.6                 | 96.2                   | 24 000   | 43 700 *                       | 56.6                 | 99.3                   | 18 900 <b>b</b>  | 59 900 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 32.5                 | 93.5                   | 21 800   | 38 300 *                       | 49.8                 | 97.7                   | 17 300   | 51 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 19.8                 | 89.2                   | 19 900   | 34 000 *                       | 42.2                 | 95.7                   | 15 800   | 44 100 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  |                      |                        |  |                                | 33.2                 | 93.0                   | 14 500   | 38 700 *                       | 59.2                 | 98.3                   | 9 000 <b>b</b>   | 44 800 <b>b</b>                |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 20.9                 | 88.9                   | 13 300   | 34 300 *                       | 52.6                 | 96.9                   | 8 200  | 41 800                         |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                |                      |                        |  |                                | 45.4                 | 95.1                   | 7 500  | 39 200                         |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                | 37.0                 | 92.7                   | 6 800  | 36 900                         |                      |                        |  |                                | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                | 26.5                 | 89.3                   | 6 200  | 34 700                         | 54.8                 | 95.2                   | 2 000 <b>b</b>   | 31 500 <b>b</b>                | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 47.8                 | 93.6                   | 1 700  | 29 700                         | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 39.8                 | 91.4                   | 1 300  | 28 200                         | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.2                 | 88.4                   | 1 100  | 26 700                         | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 15.8                 | 83.5                   | 700  | 25 400                         | 50.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 79.2m (260 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 21.3                  | 67.9                 | 104.8                  | 34 000 <b>b</b>  | 61 700 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.3                  |
| 22.0                  | 66.2                 | 104.5                  | 32 700 <b>b</b>  | 60 400 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 60.9                 | 103.4                  | 29 100 <b>b</b>  | 56 500 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 55.3                 | 102.2                  | 26 200   | 51 000 *                       | 66.5                 | 103.9                  | 20 500 <b>b</b>  | 62 500 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 49.3                 | 100.6                  | 23 700   | 43 900 *                       | 61.2                 | 102.9                  | 18 600 <b>b</b>  | 58 500 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 42.6                 | 98.6                   | 21 600   | 38 400 *                       | 55.7                 | 101.6                  | 16 900   | 52 000 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 35.0                 | 96.0                   | 19 800   | 34 100 *                       | 49.7                 | 100.0                  | 15 500   | 44 400 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 25.3                 | 92.4                   | 18 100   | 30 600 *                       | 43.1                 | 98.1                   | 14 200   | 38 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  |                      |                        |  |                                | 35.5                 | 95.5                   | 13 100   | 34 400 *                       | 57.9                 | 100.6                  | 7 800  | 41 500                         |                      |                        |  |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 26.1                 | 92.1                   | 12 000   | 30 800 *                       | 52.1                 | 99.2                   | 7 100  | 38 900                         |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                |                      |                        |  |                                | 45.8                 | 97.4                   | 6 500  | 36 600                         |                      |                        |  |                                | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                | 38.7                 | 95.1                   | 5 900  | 34 500                         |                      |                        |  |                                | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                | 30.2                 | 92.1                   | 5 400  | 32 100                         | 54.0                 | 97.5                   | 1 200  | 29 400                         | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 47.9                 | 95.9                   | 900  | 27 900                         | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 41.1                 | 93.8                   | 700  | 26 400                         | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 33.1                 | 91.0                   | 400  | 25 100                         | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.8                 | 87.1                   |  | 23 900                         | 52.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 79.2m (260 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |  |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms |                       |
| 21.3                  | 70.5                 | 108.1                  | 33 700 <b>b</b>  | 59 400 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.3                  |
| 22.0                  | 69.0                 | 107.8                  | 32 500 <b>b</b>  | 58 200 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                  |
| 24.0                  | 64.4                 | 106.9                  | 28 900 <b>b</b>  | 54 700 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.0                  |
| 26.0                  | 59.6                 | 105.8                  | 26 000   | 51 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.0                  |
| 28.0                  | 54.6                 | 104.5                  | 23 600   | 44 100 *                       | 64.7                 | 106.3                  | 18 300 <b>b</b>  | 56 600 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                | 28.0                  |
| 30.0                  | 49.2                 | 102.9                  | 21 400   | 38 500 *                       | 60.0                 | 105.2                  | 16 600   | 51 800 *                       |                      |                        |  |                                |                      |                        |  |                                | 30.0                  |
| 32.0                  | 43.4                 | 100.9                  | 19 600   | 34 200 *                       | 55.0                 | 103.9                  | 15 200   | 44 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 32.0                  |
| 34.0                  | 36.8                 | 98.4                   | 18 000   | 30 600 *                       | 49.6                 | 102.3                  | 14 000   | 38 900 *                       |                      |                        |  |                                |                      |                        |  |                                | 34.0                  |
| 36.0                  | 28.9                 | 95.2                   | 16 600   | 27 600 *                       | 43.8                 | 100.4                  | 12 900   | 34 500 *                       |                      |                        |  |                                |                      |                        |  |                                | 36.0                  |
| 38.0                  | 18.0                 | 90.4                   | 15 300   | 25 100 *                       | 37.2                 | 98.0                   | 11 900   | 30 900 *                       | 57.0                 | 102.9                  | 6 800  | 38 700                         |                      |                        |  |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                | 29.5                 | 94.9                   | 10 900   | 27 900 *                       | 51.8                 | 101.5                  | 6 200  | 36 400                         |                      |                        |  |                                | 40.0                  |
| 42.0                  |                      |                        |  |                                | 18.9                 | 90.2                   | 10 100   | 25 300 *                       | 46.2                 | 99.7                   | 5 600  | 34 300                         |                      |                        |  |                                | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                | 40.0                 | 97.5                   | 5 100  | 32 100                         |                      |                        |  |                                | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                | 32.8                 | 94.7                   | 4 600  | 29 000 *                       | 53.5                 | 99.8                   | 600  | 27 600                         | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                | 23.7                 | 90.8                   | 4 200  | 26 300 *                       | 48.0                 | 98.2                   | 400  | 26 200                         | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 42.0                 | 96.1                   | 200  | 24 900                         | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 35.2                 | 93.5                   |  | 23 700                         | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.9                 | 90.1                   |  | 22 600                         | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 14.7                 | 84.6                   |  | 21 600                         | 56.0                  |





# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 79.2m (260 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 22.9                  | 69.4                 | 110.7                  | 30 500 <b>b</b>  | 54 500 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 22.9                  |
| 24.0                  | 67.1                 | 110.3                  | 28 700 <b>b</b>  | 52 700 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 24.0                  |
| 26.0                  | 63.0                 | 109.3                  | 25 700   | 49 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 26.0                  |
| 28.0                  | 58.6                 | 108.2                  | 23 200   | 44 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 54.1                 | 106.8                  | 21 200   | 38 800 *                       | 63.2                 | 108.7                  | 16 300   | 51 200 *                       |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 49.2                 | 105.2                  | 19 400   | 34 300 *                       | 58.9                 | 107.6                  | 14 900   | 44 900 *                       |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 44.0                 | 103.2                  | 17 800   | 30 700 *                       | 54.4                 | 106.2                  | 13 600   | 39 200 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 38.2                 | 100.9                  | 16 300   | 27 700 *                       | 49.5                 | 104.6                  | 12 500   | 34 600 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 31.4                 | 97.9                   | 15 100   | 25 200 *                       | 44.3                 | 102.7                  | 11 600   | 31 000 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 23.0                 | 93.9                   | 13 900   | 23 000 *                       | 38.6                 | 100.4                  | 10 700   | 27 900 *                       | 56.2                 | 105.3                  | 5 800  | 36 000                         |                      |                        |                                | 40.0                  |
| 42.0                  |                      |                        |  |                                | 31.9                 | 97.5                   | 9 800  | 25 300 *                       | 51.5                 | 103.8                  | 5 300  | 34 000                         |                      |                        |                                | 42.0                  |
| 44.0                  |                      |                        |  |                                | 23.7                 | 93.6                   | 9 100  | 23 100 *                       | 46.5                 | 102.0                  | 4 800  | 32 100                         |                      |                        |                                | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                | 41.0                 | 99.8                   | 4 300  | 29 100 *                       |                      |                        |                                | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                | 34.7                 | 97.2                   | 3 800  | 26 300 *                       | 53.1                 | 102.1                  | 25 900                         | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                | 27.3                 | 93.8                   | 3 400  | 24 000 *                       | 48.1                 | 100.5                  | 24 600                         | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 42.8                 | 98.4                   | 23 400                         | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 36.8                 | 96.0                   | 22 300                         | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.8                 | 92.8                   | 21 300                         | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.8                 | 88.5                   | 20 400                         | 58.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 79.2m (260 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                |                       |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms | Jib Oper. Rad. Meters |
| 24.4                  | 68.6                 | 113.4                  | 27 800   | 50 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 24.4                  |
| 26.0                  | 65.6                 | 112.7                  | 25 500   | 48 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 26.0                  |
| 28.0                  | 61.8                 | 111.7                  | 23 000   | 45 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 57.8                 | 110.5                  | 20 900   | 39 800 *                       | 65.9                 | 112.1                  | 16 000   | 49 700 *                       |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 53.6                 | 109.1                  | 19 100   | 35 100 *                       | 62.0                 | 111.1                  | 14 600   | 45 900 *                       |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 49.2                 | 107.5                  | 17 500   | 31 400 *                       | 58.1                 | 109.9                  | 13 300   | 40 000 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 44.4                 | 105.5                  | 16 100   | 28 300 *                       | 53.9                 | 108.6                  | 12 300   | 35 400 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 39.3                 | 103.2                  | 14 900   | 25 700 *                       | 49.5                 | 106.9                  | 11 300   | 31 600 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 33.4                 | 100.5                  | 13 800   | 23 500 *                       | 44.8                 | 105.0                  | 10 400   | 28 500 *                       | 59.7                 | 108.9                  | 5 500  | 35 800                         |                      |                        |                                | 40.0                  |
| 42.0                  | 26.4                 | 96.9                   | 12 700   | 21 500 *                       | 39.6                 | 102.8                  | 9 600  | 25 900 *                       | 55.6                 | 107.6                  | 4 900  | 33 800                         |                      |                        |                                | 42.0                  |
| 44.0                  | 16.8                 | 91.7                   | 11 700   | 19 800 *                       | 33.8                 | 100.0                  | 8 900  | 23 600 *                       | 51.3                 | 106.1                  | 4 400  | 31 900                         |                      |                        |                                | 44.0                  |
| 46.0                  |                      |                        |  |                                | 26.9                 | 96.5                   | 8 200  | 21 600 *                       | 46.7                 | 104.3                  | 4 000  | 29 800 *                       |                      |                        |                                | 46.0                  |
| 48.0                  |                      |                        |  |                                | 17.6                 | 91.5                   | 7 500  | 20 000 *                       | 41.8                 | 102.2                  | 3 600  | 26 900 *                       |                      |                        |                                | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                | 36.2                 | 99.7                   | 3 200  | 24 500 *                       | 52.7                 | 104.5                  | 24 400                         | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                | 29.9                 | 96.5                   | 2 800  | 22 400 *                       | 48.2                 | 102.8                  | 23 200                         | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                | 21.8                 | 92.2                   | 2 500  | 20 600 *                       | 43.4                 | 100.8                  | 22 100                         | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 38.1                 | 98.4                   | 21 100                         | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.0                 | 95.5                   | 20 100                         | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.7                 | 91.7                   | 19 300                         | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 13.9                 | 85.7                   | 18 400                         | 62.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 79.2m (260 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 24.4                  | 70.5                 | 116.7                  | 27 400   | 47 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 24.4                  |
| 26.0                  | 67.8                 | 116.0                  | 25 100   | 46 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 26.0                  |
| 28.0                  | 64.3                 | 115.1                  | 22 700   | 43 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 60.8                 | 114.1                  | 20 600   | 39 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 57.1                 | 112.8                  | 18 800   | 34 900 *                       | 64.5                 | 114.6                  | 14 200   | 45 000 *                       |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 53.2                 | 111.4                  | 17 200   | 31 200 *                       | 61.0                 | 113.5                  | 13 000   | 39 900 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 49.2                 | 109.8                  | 15 900   | 28 100 *                       | 57.3                 | 112.3                  | 11 900   | 35 200 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 44.8                 | 107.9                  | 14 600   | 25 500 *                       | 53.5                 | 110.9                  | 10 900   | 31 500 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 40.2                 | 105.6                  | 13 500   | 23 300 *                       | 49.5                 | 109.2                  | 10 100   | 28 300 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 34.9                 | 103.0                  | 12 500   | 21 300 *                       | 45.1                 | 107.4                  | 9 300  | 25 700 *                       | 58.8                 | 111.2                  | 4 500  | 33 500                         |                      |                        |                                | 42.0                  |
| 44.0                  | 28.9                 | 99.7                   | 11 600   | 19 700 *                       | 40.5                 | 105.1                  | 8 600  | 23 400 *                       | 55.1                 | 109.9                  | 4 100  | 31 600                         |                      |                        |                                | 44.0                  |
| 46.0                  | 21.3                 | 95.3                   | 10 700   | 18 200 *                       | 35.3                 | 102.5                  | 7 900  | 21 500 *                       | 51.1                 | 108.4                  | 3 600  | 29 600 *                       |                      |                        |                                | 46.0                  |
| 48.0                  |                      |                        |  |                                | 29.3                 | 99.3                   | 7 300  | 19 800 *                       | 46.9                 | 106.6                  | 3 200  | 26 700 *                       |                      |                        |                                | 48.0                  |
| 50.0                  |                      |                        |  |                                | 21.9                 | 95.0                   | 6 700  | 18 300 *                       | 42.4                 | 104.5                  | 2 800  | 24 300 *                       |                      |                        |                                | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                | 37.5                 | 102.1                  | 2 500  | 22 200 *                       | 52.4                 | 106.8                  | 22 900                         | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                | 31.9                 | 99.1                   | 2 100  | 20 400 *                       | 48.3                 | 105.1                  | 21 800                         | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                | 25.2                 | 95.3                   | 1 800  | 18 800 *                       | 43.9                 | 103.1                  | 20 800                         | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 39.1                 | 100.8                  | 19 900                         | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 33.7                 | 98.0                   | 19 000                         | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.5                 | 94.5                   | 18 200                         | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.4                 | 89.8                   | 17 400                         | 64.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 79.2m (260 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                |                       |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms | Jib Oper. Rad. Meters |
| 25.9                  | 69.7                 | 119.4                  | 25 100   | 43 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 25.9                  |
| 26.0                  | 69.6                 | 119.3                  | 25 000   | 43 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 26.0                  |
| 28.0                  | 66.4                 | 118.5                  | 22 600   | 42 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 63.2                 | 117.5                  | 20 500   | 39 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 59.9                 | 116.4                  | 18 700   | 34 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 56.5                 | 115.2                  | 17 100   | 31 200 *                       | 63.4                 | 117.0                  | 12 800   | 40 200 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 52.9                 | 113.7                  | 15 700   | 28 100 *                       | 60.1                 | 115.9                  | 11 800   | 35 200 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 49.2                 | 112.1                  | 14 500   | 25 500 *                       | 56.7                 | 114.6                  | 10 800   | 31 400 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 45.2                 | 110.2                  | 13 400   | 23 200 *                       | 53.2                 | 113.2                  | 10 000   | 28 200 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 40.9                 | 108.0                  | 12 400   | 21 300 *                       | 49.4                 | 111.5                  | 9 200  | 25 600 *                       | 61.5                 | 114.8                  | 4 400  | 33 300                         |                      |                        |                                | 42.0                  |
| 44.0                  | 36.2                 | 105.4                  | 11 500   | 19 600 *                       | 45.5                 | 109.7                  | 8 500  | 23 400 *                       | 58.1                 | 113.6                  | 3 900  | 31 500                         |                      |                        |                                | 44.0                  |
| 46.0                  | 30.9                 | 102.3                  | 10 700   | 18 100 *                       | 41.2                 | 107.5                  | 7 800  | 21 400 *                       | 54.6                 | 112.2                  | 3 500  | 29 600 *                       |                      |                        |                                | 46.0                  |
| 48.0                  | 24.5                 | 98.4                   | 9 900  | 16 700 *                       | 36.5                 | 105.0                  | 7 200  | 19 700 *                       | 50.9                 | 110.7                  | 3 100  | 26 600 *                       |                      |                        |                                | 48.0                  |
| 50.0                  | 15.9                 | 92.8                   | 9 200  | 15 600 *                       | 31.3                 | 101.9                  | 6 600  | 18 200 *                       | 47.1                 | 108.9                  | 2 700  | 24 200 *                       |                      |                        |                                | 50.0                  |
| 52.0                  |                      |                        |  |                                | 25.0                 | 98.1                   | 6 100  | 16 800 *                       | 42.9                 | 106.9                  | 2 400  | 22 200 *                       | 55.7                 | 110.5                  | 22 800                         | 52.0                  |
| 54.0                  |                      |                        |  |                                | 16.7                 | 92.7                   | 5 600  | 15 700 *                       | 38.5                 | 104.5                  | 2 000  | 20 400 *                       | 52.1                 | 109.1                  | 21 700                         | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                | 33.5                 | 101.7                  | 1 700  | 18 800 *                       | 48.3                 | 107.4                  | 20 700                         | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                | 27.7                 | 98.2                   | 1 400  | 17 400 *                       | 44.3                 | 105.4                  | 19 800                         | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                | 20.4                 | 93.6                   | 1 200  | 16 100 *                       | 39.9                 | 103.2                  | 18 900                         | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 35.1                 | 100.5                  | 18 100                         | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.6                 | 97.3                   | 17 400                         | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 23.0                 | 93.1                   | 16 600                         | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 13.4                 | 86.8                   | 15 400 *                       | 68.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 79.2m (260 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 27.4                  | 69.0                 | 122.0                  | 22 900   | 39 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 27.4                  |
| 28.0                  | 68.2                 | 121.8                  | 22 300   | 38 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 65.3                 | 120.9                  | 20 200   | 37 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 62.3                 | 119.9                  | 18 400   | 35 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 59.2                 | 118.8                  | 16 800   | 31 300 *                       | 65.5                 | 120.4                  | 12 500   | 37 400 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 56.0                 | 117.5                  | 15 500   | 28 100 *                       | 62.5                 | 119.4                  | 11 400   | 35 400 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 52.6                 | 116.0                  | 14 200   | 25 500 *                       | 59.4                 | 118.2                  | 10 500   | 31 600 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 49.1                 | 114.4                  | 13 100   | 23 200 *                       | 56.2                 | 116.9                  | 9 600  | 28 300 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 45.5                 | 112.5                  | 12 100   | 21 200 *                       | 52.9                 | 115.5                  | 8 800  | 25 600 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 41.5                 | 110.3                  | 11 300   | 19 500 *                       | 49.4                 | 113.8                  | 8 100  | 23 300 *                       | 60.6                 | 117.1                  | 3 500  | 31 200                         |                      |                        |                                | 44.0                  |
| 46.0                  | 37.2                 | 107.8                  | 10 500   | 18 000 *                       | 45.7                 | 112.0                  | 7 500  | 21 400 *                       | 57.5                 | 115.9                  | 3 100  | 29 400                         |                      |                        |                                | 46.0                  |
| 48.0                  | 32.5                 | 104.9                  | 9 700  | 16 700 *                       | 41.8                 | 109.8                  | 6 900  | 19 600 *                       | 54.2                 | 114.5                  | 2 700  | 26 700 *                       |                      |                        |                                | 48.0                  |
| 50.0                  | 27.0                 | 101.3                  | 9 000  | 15 500 *                       | 37.5                 | 107.4                  | 6 400  | 18 100 *                       | 50.8                 | 113.0                  | 2 400  | 24 200 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 20.1                 | 96.6                   | 8 300  | 14 400 *                       | 32.8                 | 104.5                  | 5 800  | 16 700 *                       | 47.2                 | 111.2                  | 2 000  | 22 100 *                       |                      |                        |                                | 52.0                  |
| 54.0                  |                      |                        |  |                                | 27.4                 | 101.0                  | 5 400  | 15 500 *                       | 43.4                 | 109.2                  | 1 700  | 20 300 *                       | 55.3                 | 112.9                  | 21 400                         | 54.0                  |
| 56.0                  |                      |                        |  |                                | 20.6                 | 96.4                   | 4 900  | 14 400 *                       | 39.3                 | 106.9                  | 1 400  | 18 700 *                       | 51.9                 | 111.4                  | 20 400                         | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                | 34.8                 | 104.2                  | 1 100  | 17 300 *                       | 48.4                 | 109.7                  | 19 500                         | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                | 29.7                 | 100.9                  | 900  | 16 000 *                       | 44.6                 | 107.7                  | 18 600                         | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                | 23.6                 | 96.8                   | 600  | 14 900 *                       | 40.6                 | 105.5                  | 17 800                         | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                | 15.2                 | 91.0                   | 400  | 13 800 *                       | 36.3                 | 103.0                  | 17 100                         | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 31.4                 | 99.9                   | 16 300                         | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.7                 | 96.1                   | 15 300 *                       | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.3                 | 91.1                   | 14 200 *                       | 70.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 79.2m (260 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                |                       |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms | Jib Oper. Rad. Meters |
| 27.4                  | 70.5                 | 125.3                  | 22 700   | 37 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 27.4                  |
| 28.0                  | 69.7                 | 125.1                  | 22 000   | 36 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 67.0                 | 124.3                  | 19 900   | 35 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 64.3                 | 123.4                  | 18 100   | 34 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 61.4                 | 122.3                  | 16 600   | 31 700 *                       | 67.2                 | 123.7                  | 12 200   | 35 600 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 58.5                 | 121.1                  | 15 200   | 28 400 *                       | 64.4                 | 122.8                  | 11 100   | 34 700 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 55.5                 | 119.8                  | 14 000   | 25 700 *                       | 61.6                 | 121.7                  | 10 200   | 31 900 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 52.4                 | 118.3                  | 12 900   | 23 400 *                       | 58.7                 | 120.6                  | 9 300  | 28 600 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 49.1                 | 116.7                  | 11 900   | 21 400 *                       | 55.7                 | 119.3                  | 8 600  | 25 800 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 45.7                 | 114.8                  | 11 000   | 19 700 *                       | 52.6                 | 117.8                  | 7 900  | 23 500 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 42.1                 | 112.7                  | 10 200   | 18 100 *                       | 49.4                 | 116.1                  | 7 200  | 21 500 *                       | 59.9                 | 119.5                  | 2 800  | 29 200                         |                      |                        |                                | 46.0                  |
| 48.0                  | 38.1                 | 110.3                  | 9 500  | 16 700 *                       | 45.9                 | 114.3                  | 6 600  | 19 800 *                       | 56.9                 | 118.3                  | 2 400  | 27 000 *                       |                      |                        |                                | 48.0                  |
| 50.0                  | 33.8                 | 107.4                  | 8 800  | 15 500 *                       | 42.3                 | 112.2                  | 6 100  | 18 200 *                       | 53.9                 | 116.8                  | 2 000  | 24 400 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 28.9                 | 104.1                  | 8 200  | 14 500 *                       | 38.4                 | 109.8                  | 5 600  | 16 800 *                       | 50.7                 | 115.3                  | 1 700  | 22 300 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 23.1                 | 99.9                   | 7 600  | 13 500 *                       | 34.1                 | 107.0                  | 5 100  | 15 600 *                       | 47.3                 | 113.5                  | 1 400  | 20 500 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 15.3                 | 94.0                   | 7 000  | 12 500 *                       | 29.3                 | 103.7                  | 4 700  | 14 500 *                       | 43.8                 | 111.5                  | 1 100  | 18 800 *                       | 54.9                 | 115.2                  | 20 100                         | 56.0                  |
| 58.0                  |                      |                        |  |                                | 23.5                 | 99.6                   | 4 300  | 13 500 *                       | 40.0                 | 109.2                  | 800  | 17 400 *                       | 51.7                 | 113.7                  | 19 200                         | 58.0                  |
| 60.0                  |                      |                        |  |                                | 15.9                 | 93.9                   | 3 900  | 12 600 *                       | 35.9                 | 106.6                  | 600  | 16 100 *                       | 48.4                 | 112.0                  | 18 400                         | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                | 31.3                 | 103.6                  | 400  | 15 000 *                       | 45.0                 | 110.0                  | 17 600                         | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                | 26.0                 | 99.8                   | 100  | 13 900 *                       | 41.2                 | 107.9                  | 16 900                         | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                | 19.3                 | 94.9                   |  | 13 000 *                       | 37.2                 | 105.4                  | 16 200                         | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.8                 | 102.5                  | 15 400                         | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.8                 | 99.0                   | 14 200 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.7                 | 94.5                   | 13 300 *                       | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 13.0                 | 87.9                   | 12 400 *                       | 74.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 79.2m (260 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 29.0                  | 69.9                 | 128.0                  | 20 700   | 33 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 29.0                  |
| 30.0                  | 68.5                 | 127.6                  | 19 700   | 33 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 66.0                 | 126.7                  | 17 800   | 32 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 63.4                 | 125.8                  | 16 300   | 31 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 60.7                 | 124.7                  | 14 900   | 28 200 *                       | 66.2                 | 126.1                  | 10 800   | 32 300 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 58.0                 | 123.5                  | 13 700   | 25 400 *                       | 63.5                 | 125.2                  | 9 800  | 31 500 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 55.1                 | 122.1                  | 12 600   | 23 100 *                       | 60.9                 | 124.1                  | 9 000  | 28 300 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 52.2                 | 120.6                  | 11 600   | 21 100 *                       | 58.1                 | 122.9                  | 8 200  | 25 600 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 49.1                 | 119.0                  | 10 700   | 19 400 *                       | 55.3                 | 121.6                  | 7 500  | 23 300 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 45.9                 | 117.1                  | 9 900  | 17 900 *                       | 52.4                 | 120.1                  | 6 900  | 21 300 *                       | 62.0                 | 123.0                  | 2 400  | 28 900                         |                      |                        |                                | 46.0                  |
| 48.0                  | 42.5                 | 115.0                  | 9 200  | 16 500 *                       | 49.3                 | 118.4                  | 6 300  | 19 500 *                       | 59.2                 | 121.9                  | 2 000  | 26 800 *                       |                      |                        |                                | 48.0                  |
| 50.0                  | 38.9                 | 112.6                  | 8 500  | 15 300 *                       | 46.1                 | 116.6                  | 5 800  | 18 000 *                       | 56.5                 | 120.6                  | 1 700  | 24 200 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 34.9                 | 109.9                  | 7 900  | 14 200 *                       | 42.8                 | 114.5                  | 5 300  | 16 600 *                       | 53.6                 | 119.2                  | 1 400  | 22 000 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 30.5                 | 106.8                  | 7 300  | 13 200 *                       | 39.1                 | 112.2                  | 4 800  | 15 400 *                       | 50.6                 | 117.6                  | 1 100  | 20 200 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 25.4                 | 102.9                  | 6 800  | 12 300 *                       | 35.2                 | 109.5                  | 4 400  | 14 300 *                       | 47.4                 | 115.8                  | 800  | 18 600 *                       |                      |                        |                                | 56.0                  |
| 58.0                  | 19.1                 | 97.9                   | 6 200  | 11 500 *                       | 30.8                 | 106.4                  | 4 000  | 13 300 *                       | 44.1                 | 113.8                  | 500  | 17 100 *                       | 54.5                 | 117.5                  | 19 000                         | 58.0                  |
| 60.0                  |                      |                        |  |                                | 25.8                 | 102.6                  | 3 600  | 12 400 *                       | 40.6                 | 111.6                  | 300  | 15 900 *                       | 51.5                 | 116.0                  | 18 100                         | 60.0                  |
| 62.0                  |                      |                        |  |                                | 19.6                 | 97.7                   | 3 300  | 11 600 *                       | 36.8                 | 109.1                  | 100  | 14 700 *                       | 48.5                 | 114.3                  | 17 300                         | 62.0                  |
| 64.0                  |                      |                        |  |                                | 10.1                 | 89.9                   | 2 900  | 10 800 *                       | 32.6                 | 106.1                  |  | 13 700 *                       | 45.2                 | 112.4                  | 16 600                         | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                | 27.9                 | 102.6                  |  | 12 800 *                       | 41.8                 | 110.2                  | 15 900                         | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                | 22.3                 | 98.3                   |  | 11 900 *                       | 38.1                 | 107.8                  | 15 100                         | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                | 14.7                 | 92.1                   |  | 11 100 *                       | 34.0                 | 105.0                  | 14 000 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.5                 | 101.7                  | 13 100 *                       | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.2                 | 97.7                   | 12 100 *                       | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 17.5                 | 92.3                   | 11 400 *                       | 76.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 79.2m (260 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                |                       |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms | Jib Oper. Rad. Meters |
| 30.5                  | 69.3                 | 130.7                  | 19 000   | 31 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.5                  |
| 32.0                  | 67.5                 | 130.1                  | 17 700   | 30 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 65.1                 | 129.2                  | 16 100   | 29 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 62.6                 | 128.2                  | 14 700   | 28 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 60.0                 | 127.0                  | 13 500   | 25 300 *                       | 65.2                 | 128.6                  | 9 700  | 29 400 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 57.5                 | 125.8                  | 12 500   | 23 000 *                       | 62.8                 | 127.6                  | 8 800  | 28 300 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 54.8                 | 124.4                  | 11 500   | 21 000 *                       | 60.2                 | 126.5                  | 8 100  | 25 500 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 52.0                 | 122.9                  | 10 600   | 19 300 *                       | 57.6                 | 125.3                  | 7 400  | 23 200 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 49.1                 | 121.3                  | 9 800  | 17 800 *                       | 55.0                 | 123.9                  | 6 800  | 21 100 *                       |                      |                        |  |                                |                      |                        |                                | 46.0                  |
| 48.0                  | 46.1                 | 119.4                  | 9 100  | 16 400 *                       | 52.2                 | 122.4                  | 6 200  | 19 400 *                       | 61.2                 | 125.4                  | 1 900  | 26 500 *                       |                      |                        |                                | 48.0                  |
| 50.0                  | 42.9                 | 117.3                  | 8 400  | 15 200 *                       | 49.3                 | 120.7                  | 5 700  | 17 900 *                       | 58.7                 | 124.2                  | 1 500  | 24 100 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 39.5                 | 115.0                  | 7 700  | 14 100 *                       | 46.3                 | 118.9                  | 5 200  | 16 500 *                       | 56.0                 | 122.9                  | 1 200  | 21 900 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 35.9                 | 112.4                  | 7 200  | 13 100 *                       | 43.1                 | 116.8                  | 4 700  | 15 200 *                       | 53.3                 | 121.5                  | 900  | 20 000 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 31.9                 | 109.4                  | 6 600  | 12 200 *                       | 39.8                 | 114.5                  | 4 300  | 14 100 *                       | 50.5                 | 119.9                  | 600  | 18 400 *                       |                      |                        |                                | 56.0                  |
| 58.0                  | 27.3                 | 105.8                  | 6 100  | 11 400 *                       | 36.1                 | 111.9                  | 3 900  | 13 200 *                       | 47.5                 | 118.1                  | 300  | 17 000 *                       | 56.9                 | 121.2                  | 18 800                         | 58.0                  |
| 60.0                  | 21.9                 | 101.3                  | 5 700  | 10 600 *                       | 32.2                 | 108.9                  | 3 500  | 12 300 *                       | 44.4                 | 116.1                  | 100  | 15 700 *                       | 54.2                 | 119.8                  | 18 000                         | 60.0                  |
| 62.0                  | 14.7                 | 95.1                   | 5 200  | 9 900 *                        | 27.7                 | 105.4                  | 3 200  | 11 400 *                       | 41.2                 | 114.0                  |  | 14 600 *                       | 51.4                 | 118.3                  | 17 200                         | 62.0                  |
| 64.0                  |                      |                        |  |                                | 22.3                 | 101.0                  | 2 800  | 10 700 *                       | 37.6                 | 111.5                  |  | 13 600 *                       | 48.5                 | 116.6                  | 16 500                         | 64.0                  |
| 66.0                  |                      |                        |  |                                | 15.3                 | 95.0                   | 2 500  | 10 000 *                       | 33.8                 | 108.7                  |  | 12 600 *                       | 45.4                 | 114.7                  | 15 800                         | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                | 29.5                 | 105.4                  |  | 11 800 *                       | 42.2                 | 112.6                  | 15 000                         | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                | 24.6                 | 101.4                  |  | 11 000 *                       | 38.8                 | 110.2                  | 13 900 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                | 18.5                 | 96.2                   |  | 10 300 *                       | 35.1                 | 107.5                  | 12 900 *                       | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 31.0                 | 104.3                  | 12 000 *                       | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.3                 | 100.6                  | 11 200 *                       | 76.0                  |
| 78.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.6                 | 95.9                   | 10 500 *                       | 78.0                  |
| 80.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 12.7                 | 89.0                   | 9 800 *                        | 80.0                  |





# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225

### On 2250 or M-250

### 79.2m (260 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 30.5                  | 70.5                 | 133.9                  | 18 700   | 29 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.5                  |
| 32.0                  | 68.8                 | 133.3                  | 17 400   | 28 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 66.5                 | 132.5                  | 15 800   | 27 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 64.2                 | 131.6                  | 14 500   | 26 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 61.9                 | 130.5                  | 13 300   | 25 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 59.5                 | 129.4                  | 12 200   | 22 800 *                       | 64.4                 | 131.0                  | 8 500  | 26 200 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 57.0                 | 128.1                  | 11 200   | 20 800 *                       | 62.0                 | 130.0                  | 7 800  | 25 000 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 54.5                 | 126.8                  | 10 300   | 19 000 *                       | 59.6                 | 128.8                  | 7 100  | 23 000 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 51.8                 | 125.2                  | 9 500  | 17 500 *                       | 57.2                 | 127.6                  | 6 400  | 20 900 *                       |                      |                        |  |                                |                      |                        |                                | 46.0                  |
| 48.0                  | 49.1                 | 123.6                  | 8 800  | 16 100 *                       | 54.6                 | 126.2                  | 5 900  | 19 100 *                       |                      |                        |  |                                |                      |                        |                                | 48.0                  |
| 50.0                  | 46.3                 | 121.7                  | 8 100  | 14 900 *                       | 52.0                 | 124.7                  | 5 300  | 17 600 *                       | 60.6                 | 127.8                  | 1 200  | 23 700 *                       |                      |                        |                                | 50.0                  |
| 52.0                  | 43.3                 | 119.7                  | 7 500  | 13 800 *                       | 49.3                 | 123.0                  | 4 900  | 16 200 *                       | 58.2                 | 126.6                  | 800  | 21 700 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 40.1                 | 117.4                  | 6 900  | 12 800 *                       | 46.5                 | 121.2                  | 4 400  | 15 000 *                       | 55.7                 | 125.2                  | 500  | 19 800 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 36.7                 | 114.8                  | 6 400  | 12 000 *                       | 43.5                 | 119.2                  | 4 000  | 13 900 *                       | 53.1                 | 123.8                  | 300  | 18 200 *                       |                      |                        |                                | 56.0                  |
| 58.0                  | 33.0                 | 111.9                  | 5 900  | 11 100 *                       | 40.3                 | 116.9                  | 3 600  | 12 900 *                       | 50.4                 | 122.2                  |  | 16 800 *                       |                      |                        |                                | 58.0                  |
| 60.0                  | 28.9                 | 108.5                  | 5 400  | 10 400 *                       | 37.0                 | 114.4                  | 3 300  | 12 000 *                       | 47.6                 | 120.4                  |  | 15 500 *                       | 56.5                 | 123.5                  | 17 700                         | 60.0                  |
| 62.0                  | 24.2                 | 104.5                  | 5 000  | 9 700 *                        | 33.3                 | 111.5                  | 2 900  | 11 200 *                       | 44.7                 | 118.5                  |  | 14 400 *                       | 53.9                 | 122.1                  | 16 900                         | 62.0                  |
| 64.0                  | 18.3                 | 99.2                   | 4 600  | 9 100 *                        | 29.2                 | 108.1                  | 2 500  | 10 400 *                       | 41.6                 | 116.3                  |  | 13 300 *                       | 51.3                 | 120.6                  | 16 200                         | 64.0                  |
| 66.0                  |                      |                        |  |                                | 24.5                 | 104.1                  | 2 200  | 9 700 *                        | 38.3                 | 113.9                  |  | 12 400 *                       | 48.5                 | 118.9                  | 15 500                         | 66.0                  |
| 68.0                  |                      |                        |  |                                | 18.8                 | 99.0                   | 1 900  | 9 100 *                        | 34.8                 | 111.1                  |  | 11 500 *                       | 45.6                 | 117.0                  | 14 700                         | 68.0                  |
| 70.0                  |                      |                        |  |                                | 10.1                 | 91.0                   | 1 600  | 8 500 *                        | 30.9                 | 108.0                  |  | 10 700 *                       | 42.6                 | 114.9                  | 13 700 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                | 26.5                 | 104.3                  |  | 10 000 *                       | 39.4                 | 112.6                  | 12 700 *                       | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                | 21.3                 | 99.7                   |  | 9 400 *                        | 36.0                 | 109.9                  | 11 800 *                       | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                | 14.2                 | 93.3                   |  | 8 800 *                        | 32.2                 | 106.9                  | 11 000 *                       | 76.0                  |
| 78.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                 | 103.4                  | 10 200 *                       | 78.0                  |
| 80.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 23.1                 | 99.2                   | 9 600 *                        | 80.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 79.2m (260 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                |                       |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms | Jib Oper. Rad. Meters |
| 32.0                  | 70.0                 | 136.6                  | 17 100   | 25 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 67.8                 | 135.8                  | 15 600   | 25 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 65.7                 | 134.9                  | 14 200   | 23 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 63.5                 | 134.0                  | 13 000   | 22 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 61.2                 | 132.9                  | 11 900   | 21 700 *                       | 65.8                 | 134.4                  | 8 200  | 23 800 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 58.9                 | 131.7                  | 10 900   | 20 500 *                       | 63.6                 | 133.4                  | 7 500  | 22 800 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 56.6                 | 130.5                  | 10 100   | 19 100 *                       | 61.4                 | 132.4                  | 6 800  | 21 700 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 54.2                 | 129.1                  | 9 300  | 17 500 *                       | 59.1                 | 131.2                  | 6 200  | 20 600 *                       |                      |                        |  |                                |                      |                        |                                | 46.0                  |
| 48.0                  | 51.7                 | 127.5                  | 8 500  | 16 100 *                       | 56.8                 | 129.9                  | 5 600  | 19 300 *                       |                      |                        |  |                                |                      |                        |                                | 48.0                  |
| 50.0                  | 49.1                 | 125.9                  | 7 900  | 14 900 *                       | 54.3                 | 128.5                  | 5 100  | 17 600 *                       |                      |                        |  |                                |                      |                        |                                | 50.0                  |
| 52.0                  | 46.4                 | 124.0                  | 7 200  | 13 800 *                       | 51.9                 | 127.0                  | 4 600  | 16 200 *                       | 60.0                 | 130.1                  | 600  | 20 700 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 43.6                 | 122.0                  | 6 700  | 12 700 *                       | 49.3                 | 125.3                  | 4 200  | 15 000 *                       | 57.7                 | 128.9                  | 300  | 19 700 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 40.6                 | 119.7                  | 6 200  | 11 900 *                       | 46.6                 | 123.5                  | 3 800  | 13 800 *                       | 55.3                 | 127.6                  |  | 18 200 *                       |                      |                        |                                | 56.0                  |
| 58.0                  | 37.5                 | 117.2                  | 5 700  | 11 000 *                       | 43.8                 | 121.5                  | 3 300  | 12 800 *                       | 52.9                 | 126.1                  |  | 16 800 *                       |                      |                        |                                | 58.0                  |
| 60.0                  | 34.0                 | 114.4                  | 5 200  | 10 300 *                       | 40.8                 | 119.3                  | 3 000  | 11 900 *                       | 50.3                 | 124.5                  |  | 15 500 *                       |                      |                        |                                | 60.0                  |
| 62.0                  | 30.3                 | 111.2                  | 4 800  | 9 600 *                        | 37.7                 | 116.8                  | 2 600  | 11 100 *                       | 47.7                 | 122.7                  |  | 14 300 *                       | 56.1                 | 125.9                  | 16 700                         | 62.0                  |
| 64.0                  | 26.0                 | 107.4                  | 4 400  | 8 900 *                        | 34.3                 | 114.0                  | 2 300  | 10 300 *                       | 44.9                 | 120.8                  |  | 13 200 *                       | 53.7                 | 124.4                  | 16 000                         | 64.0                  |
| 66.0                  | 21.0                 | 102.7                  | 4 000  | 8 300 *                        | 30.5                 | 110.8                  | 2 000  | 9 600 *                        | 42.0                 | 118.6                  |  | 12 300 *                       | 51.1                 | 122.9                  | 15 300                         | 66.0                  |
| 68.0                  | 14.3                 | 96.3                   | 3 600  | 7 500 *                        | 26.3                 | 107.0                  | 1 700  | 9 000 *                        | 39.0                 | 116.3                  |  | 11 400 *                       | 48.5                 | 121.2                  | 14 600                         | 68.0                  |
| 70.0                  |                      |                        |  |                                | 21.4                 | 102.4                  | 1 500  | 8 400 *                        | 35.7                 | 113.6                  |  | 10 600 *                       | 45.8                 | 119.3                  | 13 600 *                       | 70.0                  |
| 72.0                  |                      |                        |  |                                | 14.9                 | 96.2                   | 1 200  | 7 800 *                        | 32.1                 | 110.6                  |  | 9 900 *                        | 43.0                 | 117.2                  | 12 600 *                       | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                | 28.1                 | 107.1                  |  | 9 200 *                        | 40.0                 | 114.9                  | 11 700 *                       | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                | 23.5                 | 102.9                  |  | 8 600 *                        | 36.8                 | 112.4                  | 10 900 *                       | 76.0                  |
| 78.0                  |                      |                        |  |                                |                      |                        |  |                                | 17.8                 | 97.4                   |  | 8 000 *                        | 33.3                 | 109.5                  | 10 100 *                       | 78.0                  |
| 80.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.4                 | 106.1                  | 9 500 *                        | 80.0                  |
| 84.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.8                 | 97.2                   | 8 200 *                        | 84.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 79.2m (260 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                |      | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |      |                       |
| 33.5                  | 69.5                 | 139.3                  | 15 600   | 23 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 33.5 |                       |
| 34.0                  | 69.0                 | 139.1                  | 15 300   | 23 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0 |                       |
| 36.0                  | 67.0                 | 138.3                  | 13 900   | 22 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 36.0 |                       |
| 38.0                  | 64.9                 | 137.4                  | 12 700   | 20 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 38.0 |                       |
| 40.0                  | 62.8                 | 136.4                  | 11 600   | 19 800 *                       | 67.1                 | 137.7                  | 7 900  | 21 900 *                       |                      |                        |  |                                |                      |                        |                                | 40.0 |                       |
| 42.0                  | 60.7                 | 135.3                  | 10 700   | 18 700 *                       | 65.0                 | 136.8                  | 7 100  | 20 900 *                       |                      |                        |  |                                |                      |                        |                                | 42.0 |                       |
| 44.0                  | 58.5                 | 134.1                  | 9 800  | 17 500 *                       | 62.9                 | 135.8                  | 6 500  | 19 900 *                       |                      |                        |  |                                |                      |                        |                                | 44.0 |                       |
| 46.0                  | 56.2                 | 132.8                  | 9 000  | 16 500 *                       | 60.8                 | 134.7                  | 5 900  | 18 800 *                       |                      |                        |  |                                |                      |                        |                                | 46.0 |                       |
| 48.0                  | 53.9                 | 131.4                  | 8 200  | 15 400 *                       | 58.6                 | 133.5                  | 5 300  | 17 800 *                       |                      |                        |  |                                |                      |                        |                                | 48.0 |                       |
| 50.0                  | 51.6                 | 129.8                  | 7 600  | 14 400 *                       | 56.4                 | 132.2                  | 4 800  | 16 700 *                       |                      |                        |  |                                |                      |                        |                                | 50.0 |                       |
| 52.0                  | 49.1                 | 128.2                  | 7 000  | 13 500 *                       | 54.1                 | 130.8                  | 4 300  | 15 700 *                       | 61.7                 | 133.6                  | 200  | 18 900 *                       |                      |                        |                                | 52.0 |                       |
| 54.0                  | 46.5                 | 126.3                  | 6 400  | 12 500 *                       | 51.7                 | 129.3                  | 3 800  | 14 700 *                       | 59.5                 | 132.5                  |  | 17 900 *                       |                      |                        |                                | 54.0 |                       |
| 56.0                  | 43.9                 | 124.3                  | 5 900  | 11 600 *                       | 49.3                 | 127.6                  | 3 400  | 13 600 *                       | 57.3                 | 131.2                  |  | 17 000 *                       |                      |                        |                                | 56.0 |                       |
| 58.0                  | 41.1                 | 122.1                  | 5 400  | 10 800 *                       | 46.7                 | 125.8                  | 3 100  | 12 600 *                       | 55.0                 | 129.9                  |  | 16 100 *                       |                      |                        |                                | 58.0 |                       |
| 60.0                  | 38.1                 | 119.6                  | 5 000  | 10 000 *                       | 44.1                 | 123.8                  | 2 700  | 11 700 *                       | 52.7                 | 128.4                  |  | 15 100 *                       |                      |                        |                                | 60.0 |                       |
| 62.0                  | 34.9                 | 116.9                  | 4 500  | 9 300 *                        | 41.3                 | 121.6                  | 2 300  | 10 800 *                       | 50.3                 | 126.8                  |  | 14 000 *                       |                      |                        |                                | 62.0 |                       |
| 64.0                  | 31.4                 | 113.8                  | 4 100  | 8 700 *                        | 38.3                 | 119.2                  | 2 000  | 10 100 *                       | 47.8                 | 125.0                  |  | 13 000 *                       | 55.7                 | 128.2                  | 15 600                         | 64.0 |                       |
| 66.0                  | 27.6                 | 110.2                  | 3 700  | 8 000 *                        | 35.1                 | 116.5                  | 1 700  | 9 400 *                        | 45.1                 | 123.1                  |  | 12 000 *                       | 53.4                 | 126.7                  | 15 000                         | 66.0 |                       |
| 68.0                  | 23.1                 | 105.9                  | 3 400  | 7 000 *                        | 31.7                 | 113.4                  | 1 400  | 8 700 *                        | 42.4                 | 121.0                  |  | 11 200 *                       | 51.0                 | 125.2                  | 14 300                         | 68.0 |                       |
| 70.0                  | 17.6                 | 100.4                  | 3 000  | 6 100 *                        | 27.9                 | 109.8                  | 1 200  | 8 100 *                        | 39.5                 | 118.6                  |  | 10 400 *                       | 48.6                 | 123.5                  | 13 300 *                       | 70.0 |                       |
| 72.0                  |                      |                        |  |                                | 23.5                 | 105.6                  | 900  | 7 600 *                        | 36.4                 | 116.0                  |  | 9 700 *                        | 46.0                 | 121.6                  | 12 300 *                       | 72.0 |                       |
| 74.0                  |                      |                        |  |                                | 18.1                 | 100.2                  | 700  | 7 000 *                        | 33.1                 | 113.1                  |  | 9 000 *                        | 43.3                 | 119.5                  | 11 400 *                       | 74.0 |                       |
| 76.0                  |                      |                        |  |                                | 10.2                 | 92.1                   | 400  | 6 500 *                        | 29.5                 | 109.8                  |  | 8 400 *                        | 40.5                 | 117.3                  | 10 600 *                       | 76.0 |                       |
| 78.0                  |                      |                        |  |                                |                      |                        |  |                                | 25.3                 | 105.9                  |  | 7 800 *                        | 37.5                 | 114.8                  | 9 900 *                        | 78.0 |                       |
| 80.0                  |                      |                        |  |                                |                      |                        |  |                                | 20.4                 | 101.0                  |  | 7 200 *                        | 34.2                 | 112.0                  | 9 200 *                        | 80.0 |                       |
| 84.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.7                 | 105.1                  | 8 000 *                        | 84.0 |                       |
| 88.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 16.3                 | 94.7                   | 6 900 *                        | 88.0 |                       |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 85.3m (280 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |   |                                      | 80 Degree<br>Boom Angle |                                 |   |                                      | 75 Degree<br>Boom Angle |                                 |   |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|---|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 22.9                           | 62.1                    | 107.1                           | 30 700 <b>b</b>   | 61 100 * <b>b</b>                    |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |                                      | 22.9                           |
| 24.0                           | 58.6                    | 106.4                           | 28 900 <b>b</b>   | 59 000 * <b>b</b>                    |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 51.9                    | 104.9                           | 26 000 <b>b</b>   | 53 900 * <b>b</b>                    |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 44.6                    | 103.1                           | 23 500  | 46 100 *                             | 60.0                    | 106.0                           | 18 000 <b>b</b>   | 58 000 * <b>b</b>                    |                         |                                 |   |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 36.1                    | 100.6                           | 21 400  | 40 200 *                             | 53.5                    | 104.6                           | 16 400 <b>b</b>   | 55 100 * <b>b</b>                    |                         |                                 |   |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 25.2                    | 97.1                            | 19 500  | 35 500 *                             | 46.3                    | 102.9                           | 15 000  | 47 700 *                             |                         |                                 |   |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           |                         |                                 |   |                                      | 38.2                    | 100.6                           | 13 800  | 41 400 *                             |                         |                                 |   |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           |                         |                                 |   |                                      | 28.0                    | 97.4                            | 12 600  | 36 500 *                             | 57.8                    | 103.9                           | 7 000 <b>b</b>  | 40 800 <b>b</b>                      |                         |                                 |                                      | 36.0                           |
| 38.0                           |                         |                                 |   |                                      | 11.0                    | 91.4                            | 11 500  | 32 500 *                             | 51.1                    | 102.4                           | 6 300 <b>b</b>  | 38 300 <b>b</b>                      |                         |                                 |                                      | 38.0                           |
| 40.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 43.7                    | 100.5                           | 5 700   | 36 000                               |                         |                                 |                                      | 40.0                           |
| 42.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 35.0                    | 98.0                            | 5 200   | 33 900                               |                         |                                 |                                      | 42.0                           |
| 44.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      | 23.7                    | 94.3                            | 4 700   | 32 000                               |                         |                                 |                                      | 44.0                           |
| 46.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 48.1                    | 99.4                            | 27 100                               | 46.0                           |
| 48.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 40.2                    | 97.2                            | 25 700                               | 48.0                           |
| 50.0                           |                         |                                 |   |                                      |                         |                                 |   |                                      |                         |                                 |   |                                      | 30.7                    | 94.3                            | 24 400                               | 50.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 85.3m (280 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 22.9                  | 65.9                 | 110.5                  | 30 400 <b>b</b>  | 58 800 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 22.9                  |
| 24.0                  | 62.9                 | 109.9                  | 28 600 <b>b</b>  | 56 800 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 24.0                  |
| 26.0                  | 57.4                 | 108.7                  | 25 700 <b>b</b>  | 53 500 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 26.0                  |
| 28.0                  | 51.6                 | 107.2                  | 23 200   | 46 400 *                       | 64.1                 | 109.5                  | 17 600 <b>b</b>  | 55 500 * <b>b</b>              |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 45.2                 | 105.4                  | 21 200   | 40 300 *                       | 58.7                 | 108.3                  | 16 000 <b>b</b>  | 54 100 * <b>b</b>              |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 38.0                 | 103.1                  | 19 300   | 35 600 *                       | 52.9                 | 106.9                  | 14 600   | 47 900 *                       |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 29.2                 | 100.0                  | 17 700   | 31 800 *                       | 46.7                 | 105.2                  | 13 400   | 41 500 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 16.7                 | 95.0                   | 16 300   | 28 600 *                       | 39.7                 | 103.0                  | 12 300   | 36 600 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  |                      |                        |  |                                | 31.4                 | 100.1                  | 11 400   | 32 600 *                       | 56.8                 | 106.2                  | 5 900  | 37 900                         |                      |                        |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                | 20.2                 | 95.8                   | 10 400   | 29 300 *                       | 50.9                 | 104.7                  | 5 300  | 35 700                         |                      |                        |                                | 40.0                  |
| 42.0                  |                      |                        |  |                                |                      |                        |  |                                | 44.4                 | 102.8                  | 4 800  | 33 600                         |                      |                        |                                | 42.0                  |
| 44.0                  |                      |                        |  |                                |                      |                        |  |                                | 37.1                 | 100.4                  | 4 400  | 31 700                         |                      |                        |                                | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                | 28.1                 | 97.2                   | 3 900  | 30 100                         | 54.3                 | 103.3                  | 26 800                         | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 48.2                 | 101.7                  | 25 400                         | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 41.4                 | 99.6                   | 24 100                         | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 33.5                 | 96.9                   | 23 000                         | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 23.3                 | 93.0                   | 21 900                         | 54.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 85.3m (280 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 22.9                  | 68.7                 | 113.8                  | 30 200 <b>b</b>  | 56 100 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 22.9                  |
| 24.0                  | 66.1                 | 113.3                  | 28 300 <b>b</b>  | 54 600 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 24.0                  |
| 26.0                  | 61.4                 | 112.3                  | 25 500 <b>b</b>  | 51 700 * <b>b</b>              |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 26.0                  |
| 28.0                  | 56.5                 | 111.0                  | 23 000   | 47 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 51.3                 | 109.5                  | 20 900   | 40 700 *                       | 62.5                 | 111.9                  | 15 800   | 51 400 *                       |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 45.6                 | 107.7                  | 19 200   | 36 000 *                       | 57.6                 | 110.7                  | 14 400   | 48 500 *                       |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 39.3                 | 105.5                  | 17 600   | 32 100 *                       | 52.5                 | 109.2                  | 13 200   | 42 000 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 32.0                 | 102.6                  | 16 200   | 28 800 *                       | 46.9                 | 107.5                  | 12 100   | 37 000 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 22.7                 | 98.6                   | 14 900   | 26 200 *                       | 40.8                 | 105.3                  | 11 200   | 32 900 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  |                      |                        |  |                                | 33.8                 | 102.6                  | 10 300   | 29 500 *                       | 55.9                 | 108.5                  | 5 100  | 35 400                         |                      |                        |                                | 40.0                  |
| 42.0                  |                      |                        |  |                                | 25.1                 | 99.0                   | 9 500  | 26 700 *                       | 50.7                 | 107.0                  | 4 500  | 33 400                         |                      |                        |                                | 42.0                  |
| 44.0                  |                      |                        |  |                                | 10.8                 | 92.5                   | 8 700  | 24 300 *                       | 44.9                 | 105.1                  | 4 100  | 31 600                         |                      |                        |                                | 44.0                  |
| 46.0                  |                      |                        |  |                                |                      |                        |  |                                | 38.6                 | 102.8                  | 3 700  | 29 900                         |                      |                        |                                | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                | 31.1                 | 99.9                   | 3 300  | 28 200                         | 53.7                 | 105.6                  | 25 200                         | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                | 21.3                 | 95.7                   | 2 900  | 25 900 *                       | 48.3                 | 104.0                  | 23 900                         | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 42.3                 | 101.9                  | 22 800                         | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 35.5                 | 99.4                   | 21 700                         | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.3                 | 96.0                   | 20 700                         | 56.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 85.3m (280 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 22.9                  | 70.9                 | 117.1                  | 29 900 b   | 53 300 *b                      |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 22.9                  |
| 24.0                  | 68.6                 | 116.6                  | 28 000 b   | 52 300 *b                      |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 24.0                  |
| 26.0                  | 64.5                 | 115.7                  | 25 100   | 49 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 26.0                  |
| 28.0                  | 60.2                 | 114.7                  | 22 700   | 46 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 55.8                 | 113.4                  | 20 700   | 40 800 *                       | 65.5                 | 115.3                  | 15 400   | 49 100 *                       |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 51.0                 | 111.8                  | 18 900   | 35 900 *                       | 61.2                 | 114.2                  | 14 000   | 48 200 *                       |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 46.0                 | 110.0                  | 17 300   | 32 000 *                       | 56.8                 | 113.0                  | 12 800   | 42 000 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 40.4                 | 107.8                  | 15 900   | 28 800 *                       | 52.1                 | 111.5                  | 11 800   | 36 900 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 34.1                 | 105.1                  | 14 700   | 26 100 *                       | 47.2                 | 109.8                  | 10 800   | 32 800 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 26.4                 | 101.6                  | 13 600   | 23 700 *                       | 41.7                 | 107.7                  | 10 000   | 29 400 *                       | 59.7                 | 112.2                  | 4 600  | 35 100                         |                      |                        |                                | 40.0                  |
| 42.0                  | 15.6                 | 96.2                   | 12 500   | 21 700 *                       | 35.6                 | 105.1                  | 9 200  | 26 700 *                       | 55.3                 | 110.9                  | 4 100  | 33 100                         |                      |                        |                                | 42.0                  |
| 44.0                  |                      |                        |  |                                | 28.3                 | 101.8                  | 8 500  | 24 300 *                       | 50.5                 | 109.3                  | 3 700  | 31 200                         |                      |                        |                                | 44.0                  |
| 46.0                  |                      |                        |  |                                | 18.6                 | 97.0                   | 7 800  | 22 200 *                       | 45.4                 | 107.5                  | 3 300  | 29 600                         |                      |                        |                                | 46.0                  |
| 48.0                  |                      |                        |  |                                |                      |                        |  |                                | 39.7                 | 105.2                  | 2 900  | 28 000                         |                      |                        |                                | 48.0                  |
| 50.0                  |                      |                        |  |                                |                      |                        |  |                                | 33.3                 | 102.4                  | 2 500  | 25 900 *                       | 53.3                 | 107.9                  | 23 600                         | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                | 25.4                 | 98.8                   | 2 200  | 23 500 *                       | 48.4                 | 106.3                  | 22 400                         | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 43.0                 | 104.3                  | 21 400                         | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 37.1                 | 101.8                  | 20 400                         | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 30.2                 | 98.7                   | 19 500                         | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 21.3                 | 94.4                   | 18 700                         | 60.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 85.3m (280 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                |                       |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms | Jib Oper. Rad. Meters |
| 24.4                  | 70.0                 | 119.8                  | 27 100 b   | 49 400 *b                      |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 24.4                  |
| 26.0                  | 67.0                 | 119.1                  | 24 900   | 48 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 26.0                  |
| 28.0                  | 63.2                 | 118.1                  | 22 400   | 45 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 59.3                 | 117.0                  | 20 400   | 42 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 55.2                 | 115.7                  | 18 600   | 36 700 *                       | 64.1                 | 117.7                  | 13 700   | 46 100 *                       |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 50.9                 | 114.1                  | 17 100   | 32 700 *                       | 60.2                 | 116.6                  | 12 500   | 43 300 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 46.3                 | 112.3                  | 15 700   | 29 400 *                       | 56.1                 | 115.3                  | 11 500   | 37 700 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 41.2                 | 110.2                  | 14 500   | 26 600 *                       | 51.9                 | 113.8                  | 10 600   | 33 500 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 35.7                 | 107.6                  | 13 400   | 24 300 *                       | 47.3                 | 112.1                  | 9 700  | 30 100 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 29.2                 | 104.4                  | 12 400   | 22 200 *                       | 42.4                 | 110.0                  | 8 900  | 27 200 *                       | 58.8                 | 114.5                  | 3 800  | 32 800                         |                      |                        |                                | 42.0                  |
| 44.0                  | 20.9                 | 100.0                  | 11 400   | 20 400 *                       | 37.0                 | 107.6                  | 8 300  | 24 800 *                       | 54.7                 | 113.2                  | 3 400  | 31 000                         |                      |                        |                                | 44.0                  |
| 46.0                  |                      |                        |  |                                | 30.7                 | 104.5                  | 7 600  | 22 700 *                       | 50.4                 | 111.6                  | 3 000  | 29 300                         |                      |                        |                                | 46.0                  |
| 48.0                  |                      |                        |  |                                | 23.0                 | 100.4                  | 7 000  | 20 800 *                       | 45.7                 | 109.8                  | 2 600  | 27 800                         |                      |                        |                                | 48.0                  |
| 50.0                  |                      |                        |  |                                | 10.7                 | 93.6                   | 6 400  | 19 000 *                       | 40.6                 | 107.6                  | 2 300  | 26 300                         |                      |                        |                                | 50.0                  |
| 52.0                  |                      |                        |  |                                |                      |                        |  |                                | 35.0                 | 104.9                  | 2 000  | 24 000 *                       | 52.9                 | 110.2                  | 22 200                         | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                | 28.3                 | 101.6                  | 1 600  | 22 000 *                       | 48.4                 | 108.6                  | 21 200                         | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                | 19.7                 | 97.0                   | 1 300  | 20 300 *                       | 43.6                 | 106.6                  | 20 200                         | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 38.3                 | 104.2                  | 19 300                         | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 32.3                 | 101.3                  | 18 400                         | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.0                 | 97.6                   | 17 600                         | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 14.6                 | 91.8                   | 16 900                         | 64.0                  |





# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225

### On 2250 or M-250

### 85.3m (280 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 25.9                  | 69.2                 | 122.4                  | 24 700   | 44 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 25.9                  |
| 26.0                  | 69.0                 | 122.4                  | 24 600   | 44 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 26.0                  |
| 28.0                  | 65.6                 | 121.5                  | 22 200   | 43 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 62.1                 | 120.5                  | 20 100   | 41 300 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 58.5                 | 119.4                  | 18 300   | 37 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 54.7                 | 118.0                  | 16 800   | 32 800 *                       | 62.9                 | 120.1                  | 12 200   | 42 700 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 50.7                 | 116.4                  | 15 400   | 29 500 *                       | 59.3                 | 118.9                  | 11 100   | 38 200 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 46.5                 | 114.6                  | 14 200   | 26 700 *                       | 55.5                 | 117.6                  | 10 200   | 33 700 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 41.9                 | 112.5                  | 13 100   | 24 200 *                       | 51.6                 | 116.1                  | 9 400  | 30 200 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 36.9                 | 110.1                  | 12 100   | 22 200 *                       | 47.5                 | 114.4                  | 8 600  | 27 300 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 31.3                 | 107.0                  | 11 200   | 20 400 *                       | 43.0                 | 112.4                  | 7 900  | 24 800 *                       | 58.0                 | 116.9                  | 3 000  | 30 700                         |                      |                        |                                | 44.0                  |
| 46.0                  | 24.4                 | 103.1                  | 10 400   | 18 800 *                       | 38.1                 | 110.0                  | 7 300  | 22 600 *                       | 54.2                 | 115.5                  | 2 600  | 29 100                         |                      |                        |                                | 46.0                  |
| 48.0                  | 14.8                 | 97.3                   | 9 600  | 17 200 *                       | 32.6                 | 107.1                  | 6 700  | 20 800 *                       | 50.2                 | 113.9                  | 2 300  | 27 600                         |                      |                        |                                | 48.0                  |
| 50.0                  |                      |                        |  |                                | 26.1                 | 103.4                  | 6 200  | 19 200 *                       | 46.0                 | 112.1                  | 1 900  | 26 200                         |                      |                        |                                | 50.0                  |
| 52.0                  |                      |                        |  |                                | 17.4                 | 98.3                   | 5 700  | 17 700 *                       | 41.4                 | 109.9                  | 1 600  | 24 000 *                       | 56.4                 | 114.0                  | 21 900                         | 52.0                  |
| 54.0                  |                      |                        |  |                                |                      |                        |  |                                | 36.3                 | 107.4                  | 1 300  | 22 000 *                       | 52.6                 | 112.6                  | 20 800                         | 54.0                  |
| 56.0                  |                      |                        |  |                                |                      |                        |  |                                | 30.6                 | 104.3                  | 1 000  | 20 200 *                       | 48.5                 | 110.9                  | 19 900                         | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                | 23.5                 | 100.3                  | 800  | 18 700 *                       | 44.1                 | 108.9                  | 19 000                         | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 39.3                 | 106.6                  | 18 100                         | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 34.0                 | 103.9                  | 17 400                         | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 27.8                 | 100.4                  | 16 600                         | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 19.8                 | 95.8                   | 15 900                         | 66.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 85.3m (280 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                |                       |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms | Jib Oper. Rad. Meters |
| 25.9                  | 70.8                 | 125.7                  | 24 500   | 41 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 25.9                  |
| 26.0                  | 70.7                 | 125.7                  | 24 400   | 41 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 26.0                  |
| 28.0                  | 67.6                 | 124.9                  | 22 000   | 40 600 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 64.4                 | 124.0                  | 20 000   | 39 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 61.1                 | 122.9                  | 18 200   | 36 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 57.8                 | 121.7                  | 16 700   | 32 800 *                       | 65.1                 | 123.5                  | 12 000   | 39 600 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 54.3                 | 120.3                  | 15 300   | 29 400 *                       | 61.9                 | 122.5                  | 11 000   | 37 700 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 50.6                 | 118.7                  | 14 100   | 26 600 *                       | 58.5                 | 121.3                  | 10 100   | 33 700 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 46.7                 | 116.9                  | 13 000   | 24 200 *                       | 55.1                 | 120.0                  | 9 200  | 30 100 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 42.5                 | 114.9                  | 12 100   | 22 100 *                       | 51.4                 | 118.4                  | 8 500  | 27 200 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 38.0                 | 112.5                  | 11 200   | 20 300 *                       | 47.6                 | 116.7                  | 7 800  | 24 700 *                       | 60.8                 | 120.4                  | 2 800  | 30 600                         |                      |                        |                                | 44.0                  |
| 46.0                  | 32.9                 | 109.6                  | 10 400   | 18 700 *                       | 43.5                 | 114.7                  | 7 200  | 22 600 *                       | 57.4                 | 119.2                  | 2 400  | 28 900                         |                      |                        |                                | 46.0                  |
| 48.0                  | 27.1                 | 106.1                  | 9 600  | 17 400 *                       | 39.1                 | 112.4                  | 6 600  | 20 700 *                       | 53.8                 | 117.8                  | 2 100  | 27 500                         |                      |                        |                                | 48.0                  |
| 50.0                  | 19.6                 | 101.3                  | 8 900  | 16 100 *                       | 34.1                 | 109.6                  | 6 100  | 19 100 *                       | 50.1                 | 116.2                  | 1 800  | 26 100                         |                      |                        |                                | 50.0                  |
| 52.0                  |                      |                        |  |                                | 28.5                 | 106.3                  | 5 600  | 17 700 *                       | 46.2                 | 114.4                  | 1 500  | 24 000 *                       |                      |                        |                                | 52.0                  |
| 54.0                  |                      |                        |  |                                | 21.5                 | 101.8                  | 5 100  | 16 400 *                       | 42.0                 | 112.3                  | 1 200  | 21 900 *                       | 55.9                 | 116.3                  | 20 700                         | 54.0                  |
| 56.0                  |                      |                        |  |                                | 10.6                 | 94.6                   | 4 700  | 15 100 *                       | 37.4                 | 109.8                  | 900  | 20 200 *                       | 52.3                 | 114.9                  | 19 800                         | 56.0                  |
| 58.0                  |                      |                        |  |                                |                      |                        |  |                                | 32.3                 | 106.9                  | 700  | 18 600 *                       | 48.5                 | 113.2                  | 18 900                         | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                | 26.3                 | 103.2                  | 400  | 17 200 *                       | 44.5                 | 111.2                  | 18 100                         | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                | 18.5                 | 98.3                   | 200  | 16 000 *                       | 40.1                 | 109.0                  | 17 300                         | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 35.3                 | 106.4                  | 16 600                         | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.9                 | 103.2                  | 15 900                         | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 23.3                 | 99.1                   | 15 200                         | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 14.0                 | 92.9                   | 14 600                         | 70.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 85.3m (280 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 27.4                  | 70.1                 | 128.4                  | 22 400   | 38 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 27.4                  |
| 28.0                  | 69.3                 | 128.2                  | 21 700   | 37 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 28.0                  |
| 30.0                  | 66.4                 | 127.3                  | 19 700   | 36 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 63.4                 | 126.4                  | 17 900   | 35 500 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 60.3                 | 125.3                  | 16 400   | 32 700 *                       | 67.0                 | 126.8                  | 11 700   | 36 800 *                       |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 57.2                 | 124.0                  | 15 000   | 29 200 *                       | 64.1                 | 125.9                  | 10 600   | 35 900 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 53.9                 | 122.6                  | 13 800   | 26 400 *                       | 61.0                 | 124.8                  | 9 700  | 33 500 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 50.5                 | 121.0                  | 12 700   | 24 000 *                       | 57.9                 | 123.6                  | 8 900  | 30 000 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 46.9                 | 119.3                  | 11 800   | 21 900 *                       | 54.6                 | 122.3                  | 8 200  | 27 000 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 43.0                 | 117.2                  | 10 900   | 20 100 *                       | 51.3                 | 120.7                  | 7 500  | 24 500 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 38.9                 | 114.9                  | 10 100   | 18 500 *                       | 47.7                 | 119.0                  | 6 900  | 22 300 *                       | 60.0                 | 122.8                  | 2 100  | 28 700                         |                      |                        |                                | 46.0                  |
| 48.0                  | 34.3                 | 112.1                  | 9 400  | 17 100 *                       | 43.9                 | 117.0                  | 6 300  | 20 500 *                       | 56.8                 | 121.5                  | 1 700  | 27 200                         |                      |                        |                                | 48.0                  |
| 50.0                  | 29.1                 | 108.8                  | 8 700  | 15 900 *                       | 39.8                 | 114.7                  | 5 800  | 18 900 *                       | 53.5                 | 120.1                  | 1 400  | 25 800                         |                      |                        |                                | 50.0                  |
| 52.0                  | 22.9                 | 104.6                  | 8 100  | 14 800 *                       | 35.4                 | 112.1                  | 5 300  | 17 400 *                       | 50.1                 | 118.5                  | 1 100  | 23 700 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 14.2                 | 98.5                   | 7 400  | 13 600 *                       | 30.4                 | 108.9                  | 4 900  | 16 100 *                       | 46.4                 | 116.7                  | 900  | 21 700 *                       |                      |                        |                                | 54.0                  |
| 56.0                  |                      |                        |  |                                | 24.4                 | 105.0                  | 4 400  | 15 000 *                       | 42.6                 | 114.6                  | 600  | 19 900 *                       | 55.4                 | 118.7                  | 19 500                         | 56.0                  |
| 58.0                  |                      |                        |  |                                | 16.6                 | 99.5                   | 4 000  | 14 000 *                       | 38.4                 | 112.2                  | 300  | 18 400 *                       | 52.1                 | 117.2                  | 18 600                         | 58.0                  |
| 60.0                  |                      |                        |  |                                |                      |                        |  |                                | 33.8                 | 109.4                  | 100  | 17 000 *                       | 48.5                 | 115.5                  | 17 800                         | 60.0                  |
| 62.0                  |                      |                        |  |                                |                      |                        |  |                                | 28.5                 | 106.0                  |  | 15 800 *                       | 44.8                 | 113.5                  | 17 000                         | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                | 22.1                 | 101.7                  |  | 14 700 *                       | 40.8                 | 111.3                  | 16 300                         | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 36.5                 | 108.8                  | 15 600                         | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 31.6                 | 105.8                  | 15 000                         | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 25.9                 | 102.1                  | 14 400                         | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 18.7                 | 97.0                   | 13 800                         | 72.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 85.3m (280 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                |                       |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms | Jib Oper. Rad. Meters |
| 29.0                  | 69.4                 | 131.1                  | 20 400   | 34 800 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 29.0                  |
| 30.0                  | 68.0                 | 130.6                  | 19 400   | 34 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 65.3                 | 129.8                  | 17 600   | 33 400 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 62.5                 | 128.8                  | 16 100   | 32 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 59.6                 | 127.6                  | 14 700   | 29 600 *                       | 65.9                 | 129.3                  | 10 300   | 34 100 *                       |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 56.6                 | 126.4                  | 13 600   | 26 600 *                       | 63.1                 | 128.3                  | 9 400  | 33 300 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 53.6                 | 124.9                  | 12 500   | 24 200 *                       | 60.3                 | 127.2                  | 8 600  | 30 200 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 50.4                 | 123.3                  | 11 500   | 22 100 *                       | 57.3                 | 126.0                  | 7 900  | 27 200 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 47.0                 | 121.6                  | 10 600   | 20 300 *                       | 54.3                 | 124.6                  | 7 200  | 24 700 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 43.4                 | 119.5                  | 9 900  | 18 700 *                       | 51.1                 | 123.0                  | 6 600  | 22 500 *                       | 62.2                 | 126.3                  | 1 800  | 28 400                         |                      |                        |                                | 46.0                  |
| 48.0                  | 39.6                 | 117.2                  | 9 100  | 17 300 *                       | 47.8                 | 121.3                  | 6 000  | 20 700 *                       | 59.3                 | 125.1                  | 1 400  | 26 900                         |                      |                        |                                | 48.0                  |
| 50.0                  | 35.5                 | 114.6                  | 8 400  | 16 000 *                       | 44.3                 | 119.3                  | 5 500  | 19 000 *                       | 56.3                 | 123.9                  | 1 100  | 25 600                         |                      |                        |                                | 50.0                  |
| 52.0                  | 30.8                 | 111.5                  | 7 800  | 14 800 *                       | 40.5                 | 117.1                  | 5 100  | 17 600 *                       | 53.2                 | 122.4                  | 800  | 24 000 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 25.4                 | 107.6                  | 7 300  | 13 800 *                       | 36.4                 | 114.5                  | 4 600  | 16 300 *                       | 50.0                 | 120.8                  | 500  | 21 900 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 18.6                 | 102.6                  | 6 700  | 12 900 *                       | 31.9                 | 111.5                  | 4 200  | 15 100 *                       | 46.6                 | 119.0                  | 300  | 20 100 *                       |                      |                        |                                | 56.0                  |
| 58.0                  |                      |                        |  |                                | 26.7                 | 107.9                  | 3 800  | 14 100 *                       | 43.0                 | 116.9                  |  | 18 500 *                       | 55.0                 | 121.0                  | 18 300                         | 58.0                  |
| 60.0                  |                      |                        |  |                                | 20.3                 | 103.2                  | 3 400  | 13 100 *                       | 39.2                 | 114.6                  |  | 17 100 *                       | 51.9                 | 119.5                  | 17 500                         | 60.0                  |
| 62.0                  |                      |                        |  |                                | 10.6                 | 95.7                   | 3 000  | 11 800 *                       | 35.0                 | 111.9                  |  | 15 900 *                       | 48.6                 | 117.8                  | 16 800                         | 62.0                  |
| 64.0                  |                      |                        |  |                                |                      |                        |  |                                | 30.2                 | 108.7                  |  | 14 700 *                       | 45.1                 | 115.9                  | 16 100                         | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                | 24.7                 | 104.8                  |  | 13 700 *                       | 41.4                 | 113.7                  | 15 400                         | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                | 17.6                 | 99.5                   |  | 12 800 *                       | 37.4                 | 111.2                  | 14 800                         | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 33.0                 | 108.3                  | 14 200                         | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 28.0                 | 104.9                  | 13 600                         | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 22.0                 | 100.5                  | 13 100                         | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 13.5                 | 94.0                   | 12 400                         | 76.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225 On 2250 or M-250

### 85.3m (280 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 29.0                  | 70.8                 | 134.3                  | 20 100   | 32 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 29.0                  |
| 30.0                  | 69.5                 | 133.9                  | 19 100   | 31 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.0                  |
| 32.0                  | 66.9                 | 133.1                  | 17 300   | 31 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 64.3                 | 132.2                  | 15 800   | 30 200 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 61.7                 | 131.1                  | 14 400   | 28 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 59.0                 | 130.0                  | 13 300   | 26 400 *                       | 64.9                 | 131.7                  | 9 100  | 31 000 *                       |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 56.2                 | 128.7                  | 12 200   | 23 900 *                       | 62.3                 | 130.7                  | 8 300  | 30 000 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 53.3                 | 127.2                  | 11 200   | 21 900 *                       | 59.6                 | 129.6                  | 7 500  | 27 000 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 50.3                 | 125.6                  | 10 400   | 20 000 *                       | 56.8                 | 128.3                  | 6 900  | 24 500 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 47.1                 | 123.9                  | 9 600  | 18 400 *                       | 54.0                 | 126.9                  | 6 300  | 22 300 *                       |                      |                        |  |                                |                      |                        |                                | 46.0                  |
| 48.0                  | 43.8                 | 121.9                  | 8 800  | 17 000 *                       | 51.0                 | 125.3                  | 5 700  | 20 400 *                       | 61.4                 | 128.7                  | 1 000  | 26 600                         |                      |                        |                                | 48.0                  |
| 50.0                  | 40.3                 | 119.6                  | 8 200  | 15 700 *                       | 47.9                 | 123.6                  | 5 200  | 18 800 *                       | 58.7                 | 127.5                  | 700  | 25 300                         |                      |                        |                                | 50.0                  |
| 52.0                  | 36.4                 | 117.0                  | 7 600  | 14 600 *                       | 44.6                 | 121.6                  | 4 800  | 17 300 *                       | 55.9                 | 126.2                  | 400  | 23 700 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 32.2                 | 114.1                  | 7 000  | 13 600 *                       | 41.1                 | 119.5                  | 4 300  | 16 000 *                       | 53.0                 | 124.7                  | 200  | 21 700 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 27.4                 | 110.5                  | 6 500  | 12 600 *                       | 37.3                 | 117.0                  | 3 900  | 14 900 *                       | 49.9                 | 123.1                  |  | 19 800 *                       |                      |                        |                                | 56.0                  |
| 58.0                  | 21.7                 | 106.0                  | 6 000  | 11 800 *                       | 33.2                 | 114.1                  | 3 500  | 13 800 *                       | 46.8                 | 121.3                  |  | 18 300 *                       | 57.5                 | 124.7                  | 18 000                         | 58.0                  |
| 60.0                  | 13.7                 | 99.6                   | 5 500  | 10 800 *                       | 28.6                 | 110.7                  | 3 200  | 12 800 *                       | 43.4                 | 119.3                  |  | 16 900 *                       | 54.6                 | 123.3                  | 17 200                         | 60.0                  |
| 62.0                  |                      |                        |  |                                | 23.1                 | 106.5                  | 2 800  | 12 000 *                       | 39.8                 | 117.0                  |  | 15 600 *                       | 51.7                 | 121.8                  | 16 400                         | 62.0                  |
| 64.0                  |                      |                        |  |                                | 15.9                 | 100.7                  | 2 500  | 11 200 *                       | 36.0                 | 114.4                  |  | 14 500 *                       | 48.6                 | 120.1                  | 15 700                         | 64.0                  |
| 66.0                  |                      |                        |  |                                |                      |                        |  |                                | 31.7                 | 111.3                  |  | 13 500 *                       | 45.4                 | 118.2                  | 15 100                         | 66.0                  |
| 68.0                  |                      |                        |  |                                |                      |                        |  |                                | 26.8                 | 107.7                  |  | 12 600 *                       | 41.9                 | 116.0                  | 14 500                         | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                | 20.9                 | 103.1                  |  | 11 700 *                       | 38.2                 | 113.6                  | 13 900                         | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 34.2                 | 110.8                  | 13 300                         | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 29.7                 | 107.6                  | 12 800                         | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 24.5                 | 103.6                  | 12 200                         | 76.0                  |
| 78.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 17.8                 | 98.3                   | 11 400 *                       | 78.0                  |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 61 230 kg Hanging Counterweight  
 360 Degree Rating

Designed And Tested  
 With The Intent To Be In  
 The Scope of ANSI B30.5

## MAX-ER 225

### On 2250 or M-250

### 85.3m (280 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

| Jib Oper. Rad. Meters | 83 Degree Boom Angle |                        |  |                                | 80 Degree Boom Angle |                        |  |                                | 75 Degree Boom Angle |                        |  |                                | 70 Degree Boom Angle |                        |                                |                       |
|-----------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms | Jib Oper. Rad. Meters |
| 30.5                  | 70.2                 | 137.0                  | 18 500   | 29 100 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 30.5                  |
| 32.0                  | 68.4                 | 136.4                  | 17 100   | 28 700 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 32.0                  |
| 34.0                  | 66.0                 | 135.5                  | 15 600   | 27 900 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 34.0                  |
| 36.0                  | 63.5                 | 134.6                  | 14 300   | 27 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 36.0                  |
| 38.0                  | 61.0                 | 133.5                  | 13 100   | 26 000 *                       |                      |                        |  |                                |                      |                        |  |                                |                      |                        |                                | 38.0                  |
| 40.0                  | 58.4                 | 132.3                  | 12 000   | 23 900 *                       | 64.1                 | 134.1                  | 8 100  | 28 300 *                       |                      |                        |  |                                |                      |                        |                                | 40.0                  |
| 42.0                  | 55.8                 | 131.0                  | 11 100   | 21 700 *                       | 61.6                 | 133.1                  | 7 400  | 26 900 *                       |                      |                        |  |                                |                      |                        |                                | 42.0                  |
| 44.0                  | 53.0                 | 129.6                  | 10 200   | 19 900 *                       | 59.0                 | 131.9                  | 6 700  | 24 400 *                       |                      |                        |  |                                |                      |                        |                                | 44.0                  |
| 46.0                  | 50.2                 | 127.9                  | 9 400  | 18 300 *                       | 56.4                 | 130.6                  | 6 100  | 22 200 *                       |                      |                        |  |                                |                      |                        |                                | 46.0                  |
| 48.0                  | 47.2                 | 126.2                  | 8 700  | 16 900 *                       | 53.7                 | 129.2                  | 5 600  | 20 300 *                       |                      |                        |  |                                |                      |                        |                                | 48.0                  |
| 50.0                  | 44.1                 | 124.2                  | 8 100  | 15 600 *                       | 50.9                 | 127.6                  | 5 100  | 18 600 *                       | 60.7                 | 131.0                  | 500  | 25 100                         |                      |                        |                                | 50.0                  |
| 52.0                  | 40.8                 | 122.0                  | 7 400  | 14 500 *                       | 47.9                 | 125.9                  | 4 600  | 17 200 *                       | 58.1                 | 129.8                  | 300  | 23 600 *                       |                      |                        |                                | 52.0                  |
| 54.0                  | 37.3                 | 119.5                  | 6 900  | 13 500 *                       | 44.8                 | 124.0                  | 4 200  | 15 900 *                       | 55.5                 | 128.5                  |  | 21 500 *                       |                      |                        |                                | 54.0                  |
| 56.0                  | 33.4                 | 116.6                  | 6 400  | 12 500 *                       | 41.6                 | 121.8                  | 3 800  | 14 700 *                       | 52.7                 | 127.0                  |  | 19 700 *                       |                      |                        |                                | 56.0                  |
| 58.0                  | 29.1                 | 113.2                  | 5 900  | 11 700 *                       | 38.1                 | 119.4                  | 3 400  | 13 600 *                       | 49.9                 | 125.4                  |  | 18 100 *                       |                      |                        |                                | 58.0                  |
| 60.0                  | 24.1                 | 109.2                  | 5 400  | 10 900 *                       | 34.3                 | 116.6                  | 3 000  | 12 700 *                       | 46.9                 | 123.6                  |  | 16 700 *                       | 57.0                 | 127.0                  | 17 100                         | 60.0                  |
| 62.0                  | 17.8                 | 103.8                  | 4 900  | 10 100 *                       | 30.1                 | 113.4                  | 2 700  | 11 800 *                       | 43.8                 | 121.6                  |  | 15 500 *                       | 54.3                 | 125.6                  | 16 300                         | 62.0                  |
| 64.0                  | 7.1                  | 94.4                   | 4 500  | 8 800 *                        | 25.3                 | 109.5                  | 2 400  | 11 100 *                       | 40.4                 | 119.3                  |  | 14 400 *                       | 51.5                 | 124.1                  | 15 600                         | 64.0                  |
| 66.0                  |                      |                        |  |                                | 19.4                 | 104.5                  | 2 100  | 10 400 *                       | 36.9                 | 116.8                  |  | 13 300 *                       | 48.6                 | 122.4                  | 15 000                         | 66.0                  |
| 68.0                  |                      |                        |  |                                | 10.5                 | 96.8                   | 1 700  | 9 400 *                        | 32.9                 | 113.9                  |  | 12 400 *                       | 45.6                 | 120.5                  | 14 400                         | 68.0                  |
| 70.0                  |                      |                        |  |                                |                      |                        |  |                                | 28.6                 | 110.5                  |  | 11 600 *                       | 42.4                 | 118.4                  | 13 800                         | 70.0                  |
| 72.0                  |                      |                        |  |                                |                      |                        |  |                                | 23.4                 | 106.3                  |  | 10 800 *                       | 38.9                 | 116.0                  | 13 200                         | 72.0                  |
| 74.0                  |                      |                        |  |                                |                      |                        |  |                                | 16.9                 | 100.7                  |  | 10 100 *                       | 35.2                 | 113.3                  | 12 700                         | 74.0                  |
| 76.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 31.1                 | 110.2                  | 12 000                         | 76.0                  |
| 78.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 26.5                 | 106.5                  | 11 300 *                       | 78.0                  |
| 80.0                  |                      |                        |  |                                |                      |                        |  |                                |                      |                        |  |                                | 20.9                 | 101.9                  | 10 500 *                       | 80.0                  |