

## 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  
102 060 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 102 060 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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## MAX-ER 225 On 2250 or M-250

Deduct From Luffing Jib Capacities When Fixed Jib Is Attached	
Fixed Jib Length	Fixed Jib No.140
12.2m	3 270 kg
18.3m	4 040 kg
24.4m	5 030 kg
30.5m	6 080 kg
36.6m	7 260 kg

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

Jib Oper. Rad. Meters	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	
30.5	57.0	63.9	30 000	53 100 *	30.5
32.0	52.5	62.8	28 300	47 200 *	32.0
34.0	46.3	61.0	26 200	41 000 *	34.0
36.0	39.2	58.8	24 400	36 200 *	36.0
38.0	30.8	55.8	22 700	32 300 *	38.0
40.0	19.3	51.3	21 200	29 000 *	40.0

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

Jib Oper. Rad. Meters	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	
33.5	57.6	69.2	26 000	42 700 *	33.5
34.0	56.5	68.9	25 600	41 400 *	34.0
36.0	51.8	67.4	23 800	36 400 *	36.0
38.0	46.8	65.6	22 200	32 400 *	38.0
40.0	41.3	63.5	20 700	29 100 *	40.0
42.0	35.2	60.9	19 400	26 400 *	42.0

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

Jib Oper. Rad. Meters	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	
29.0	56.5	61.2	32 300 <b>b</b>	60 200 <b>*b</b>	29.0
30.0	53.0	60.5	31 000	55 200 *	30.0
32.0	45.8	58.7	28 600	47 000 *	32.0
34.0	37.6	56.4	26 500	40 900 *	34.0
36.0	27.3	53.1	24 700	36 000 *	36.0
38.0	8.8	46.5	22 900	32 200 *	38.0

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

Jib Oper. Rad. Meters	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	
32.0	57.3	66.5	28 000	47 400 *	32.0
34.0	52.1	65.1	25 900	41 200 *	34.0
36.0	46.6	63.3	24 200	36 300 *	36.0
38.0	40.4	61.1	22 500	32 300 *	38.0
40.0	33.3	58.4	21 000	29 100 *	40.0

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

Jib Oper. Rad. Meters	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	
35.1	57.8	71.8	24 300	39 500 *	35.1
36.0	55.9	71.2	23 500	37 300 *	36.0
38.0	51.6	69.7	21 900	33 100 *	38.0
40.0	47.0	67.9	20 500	29 800 *	40.0
42.0	42.1	65.8	19 100	26 900 *	42.0
44.0	36.6	63.3	18 000	24 500 *	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  
 102 060 kg Hanging Counterweight  
 360 Degree Rating

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

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

Jib Oper. Rad. Meters	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	
36.6	58.0	74.5	22 700	35 700 *	36.6
38.0	55.3	73.5	21 500	32 900 *	38.0
40.0	51.4	72.0	20 100	29 600 *	40.0
42.0	47.2	70.2	18 800	26 700 *	42.0
44.0	42.7	68.2	17 700	24 300 *	44.0

**42.7m (140 Ft.) Boom  
 42.7m (140 Ft.) Luffing Jib**

Jib Oper. Rad. Meters	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	
41.1	55.8	78.7	18 900	27 800 *	41.1
42.0	54.4	78.1	18 400	26 700 *	42.0
44.0	51.0	76.6	17 200	24 200 *	44.0
46.0	47.5	74.8	16 200	22 100 *	46.0

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

Jib Oper. Rad. Meters	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	
44.2	56.4	84.0	16 500	24 100 *	44.2
46.0	53.8	82.8	15 500	22 200 *	46.0
48.0	50.8	81.2	14 600	20 300 *	48.0
50.0	47.6	79.4	13 700	18 700 *	50.0

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

Jib Oper. Rad. Meters	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	
39.6	55.5	76.1	20 300	30 300 *	39.6
40.0	54.8	75.8	20 000	29 700 *	40.0
42.0	51.2	74.3	18 700	26 800 *	42.0
44.0	47.3	72.5	17 600	24 400 *	44.0

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

Jib Oper. Rad. Meters	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	
42.7	56.1	81.4	17 700	26 000 *	42.7
44.0	54.1	80.4	16 900	24 400 *	44.0
46.0	50.9	78.9	15 900	22 300 *	46.0
48.0	47.6	77.1	14 900	20 400 *	48.0
50.0	44.0	75.1	14 000	18 800 *	50.0

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

Jib Oper. Rad. Meters	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	
45.7	56.6	86.7	15 600	22 400 *	45.7
46.0	56.2	86.5	15 400	22 100 *	46.0
48.0	53.5	85.1	14 400	20 200 *	48.0
50.0	50.7	83.5	13 600	18 500 *	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  
 102 060 kg Hanging Counterweight  
 360 Degree Rating

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

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

Jib Oper. Rad. Meters	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	
47.2	56.8	89.3	14 500	20 600 *	47.2
48.0	55.8	88.8	14 100	20 000 *	48.0
50.0	53.2	87.4	13 300	18 300 *	50.0

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

Jib Oper. Rad. Meters	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	
48.8	57.0	92.0	13 500	19 000 *	48.8
50.0	55.5	91.1	13 000	18 100 *	50.0
52.0	53.0	89.7	12 200	16 600 *	52.0

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

Jib Oper. Rad. Meters	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	
50.3	57.1	94.6	12 600	17 200 *	50.3
52.0	55.2	93.5	11 900	16 300 *	52.0
54.0	52.8	92.0	11 100	15 200 *	54.0
56.0	50.4	90.4	10 500	14 100 *	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  
 102 060 kg Hanging Counterweight  
 360 Degree Rating

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

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

Jib Oper. Rad. Meters	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	
25.9	59.8	69.0	38 800 <b>b</b>	66 400 * <b>b</b>					25.9
26.0	59.5	68.9	38 700 <b>b</b>	65 900 * <b>b</b>					26.0
28.0	53.0	67.5	35 400 <b>b</b>	54 800 * <b>b</b>					28.0
30.0	45.8	65.7	32 500	46 800 *					30.0
32.0	37.5	63.4	30 000	40 800 *					32.0
34.0					46.2	64.5	25 200	47 300 *	34.0
36.0					38.0	62.2	23 400	41 100 *	36.0
38.0					27.8	59.0	21 800	36 200 *	38.0



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

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

Jib Oper. Rad. Meters	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	
27.4	59.8	71.6	35 900	58 000 *					27.4
28.0	58.3	71.2	35 100	55 400 *					28.0
30.0	52.5	69.8	32 200	47 100 *					30.0
32.0	46.2	68.0	29 800	41 000 *					32.0
34.0					52.8	68.6	24 800	47 600 *	34.0
36.0					46.5	66.8	23 100	41 300 *	36.0
38.0					39.5	64.6	21 500	36 400 *	38.0
40.0					31.2	61.7	20 100	32 400 *	40.0
42.0					19.9	57.3	18 800	29 200 *	42.0



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

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

Jib Oper. Rad. Meters	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	
29.0	59.8	74.2	33 400	51 200 *					29.0
30.0	57.3	73.6	32 000	47 400 *					30.0
32.0	52.1	72.1	29 500	41 100 *					32.0
34.0									34.0
36.0					52.4	70.9	22 800	41 500 *	36.0
38.0					46.8	69.1	21 300	36 500 *	38.0
40.0					40.7	67.0	19 900	32 500 *	40.0
42.0					33.6	64.2	18 600	29 200 *	42.0
44.0					24.8	60.5	17 400	26 500 *	44.0



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

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

Jib Oper. Rad. Meters	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	
36.6	55.4	74.2	22 000	40 000 *	36.6
38.0	52.0	73.2	20 900	36 600 *	38.0
40.0	47.0	71.4	19 500	32 500 *	40.0
42.0	41.6	69.3	18 300	29 200 *	42.0
44.0	35.4	66.7	17 200	26 500 *	44.0
46.0	28.2	63.4	16 100	24 100 *	46.0
48.0	18.3	58.6	15 100	22 100 *	48.0

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

Jib Oper. Rad. Meters	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	
38.1	55.8	76.9	20 500	37 100 *	38.1
40.0	51.8	75.5	19 200	33 300 *	40.0
42.0	47.2	73.7	18 000	29 900 *	42.0
44.0	42.3	71.7	16 900	27 000 *	44.0
46.0	36.9	69.2	15 900	24 600 *	46.0
48.0	30.6	66.1	14 900	22 500 *	48.0
50.0	22.8	62.0	14 000	20 700 *	50.0

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

Jib Oper. Rad. Meters	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	
39.6	56.2	79.6	19 100	34 000 *	39.6
40.0	55.5	79.3	18 900	33 300 *	40.0
42.0	51.5	77.8	17 700	29 900 *	42.0
44.0	47.4	76.0	16 600	27 000 *	44.0
46.0	42.9	74.0	15 600	24 500 *	46.0
48.0	38.0	71.6	14 600	22 500 *	48.0
50.0	32.5	68.7	13 700	20 600 *	50.0
52.0	26.0	65.0	12 900	19 000 *	52.0
54.0	17.2	59.8	12 200	17 600 *	54.0





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 or 75 750 kg (M-250) Crane Counterweight  
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## MAX-ER 225 On 2250 or M-250

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

Jib Oper. Rad. Meters	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	
41.1	56.5	82.2	18 000	31 200 *	41.1
42.0	55.0	81.6	17 500	29 900 *	42.0
44.0	51.3	80.1	16 400	26 900 *	44.0
46.0	47.5	78.3	15 400	24 500 *	46.0
48.0	43.4	76.3	14 500	22 400 *	48.0
50.0	39.0	74.0	13 600	20 600 *	50.0
52.0	34.0	71.2	12 900	19 000 *	52.0
54.0	28.3	67.8	12 100	17 500 *	54.0
56.0	21.3	63.4	11 400	16 300 *	56.0

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

Jib Oper. Rad. Meters	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	
42.7	56.7	84.8	16 800	28 600 *	42.7
44.0	54.6	83.9	16 100	26 800 *	44.0
46.0	51.2	82.4	15 100	24 300 *	46.0
48.0	47.6	80.6	14 200	22 200 *	48.0
50.0	43.8	78.6	13 300	20 300 *	50.0
52.0	39.8	76.4	12 500	18 700 *	52.0
54.0	35.3	73.7	11 800	17 300 *	54.0
56.0	30.3	70.5	11 100	16 100 *	56.0
58.0	24.3	66.6	10 500	14 900 *	58.0
60.0	16.3	61.0	9 900	13 900 *	60.0

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

Jib Oper. Rad. Meters	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	
44.2	57.0	87.5	15 600	26 700 *	44.2
46.0	54.2	86.2	14 800	24 500 *	46.0
48.0	51.0	84.7	13 800	22 300 *	48.0
50.0	47.7	82.9	13 000	20 500 *	50.0
52.0	44.2	81.0	12 300	18 900 *	52.0
54.0	40.4	78.7	11 600	17 400 *	54.0
56.0	36.3	76.2	10 900	16 200 *	56.0
58.0	31.8	73.1	10 200	15 000 *	58.0
60.0	26.6	69.5	9 600	14 000 *	60.0
62.0	20.1	64.8	9 100	13 000 *	62.0
64.0	10.3	57.1	8 500	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  
 102 060 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	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	
45.7	57.2	90.1	14 600	24 800 *	45.7
46.0	56.8	90.0	14 400	24 400 *	46.0
48.0	53.9	88.5	13 500	22 300 *	48.0
50.0	50.9	87.0	12 700	20 400 *	50.0
52.0	47.8	85.2	11 900	18 800 *	52.0
54.0	44.5	83.3	11 200	17 300 *	54.0
56.0	41.0	81.1	10 600	16 000 *	56.0
58.0	37.2	78.6	9 900	14 800 *	58.0
60.0	33.1	75.7	9 400	13 800 *	60.0
62.0	28.5	72.3	8 800	12 900 *	62.0
64.0	23.0	68.0	8 300	12 000 *	64.0
66.0	15.7	62.2	7 800	11 200 *	66.0

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

Jib Oper. Rad. Meters	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	
47.2	57.3	92.8	13 700	22 900 *	47.2
48.0	56.3	92.3	13 400	22 200 *	48.0
50.0	53.6	90.9	12 500	20 300 *	50.0
52.0	50.8	89.3	11 800	18 600 *	52.0
54.0	47.9	87.5	11 100	17 200 *	54.0
56.0	44.8	85.6	10 400	15 900 *	56.0
58.0	41.5	83.4	9 800	14 700 *	58.0
60.0	38.0	81.0	9 200	13 700 *	60.0
62.0	34.2	78.2	8 700	12 700 *	62.0
64.0	30.0	75.0	8 200	11 800 *	64.0
66.0	25.2	71.1	7 700	11 100 *	66.0
68.0	19.2	66.1	7 200	10 300 *	68.0
70.0	10.2	58.2	6 800	9 700 *	70.0

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

Jib Oper. Rad. Meters	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	
48.8	57.5	95.4	12 700	21 100 *	48.8
50.0	55.9	94.6	12 200	20 000 *	50.0
52.0	53.4	93.2	11 400	18 400 *	52.0
54.0	50.7	91.6	10 800	16 900 *	54.0
56.0	47.9	89.8	10 100	15 600 *	56.0
58.0	45.0	87.9	9 500	14 500 *	58.0
60.0	42.0	85.8	8 900	13 400 *	60.0
62.0	38.7	83.4	8 400	12 500 *	62.0
64.0	35.2	80.7	7 900	11 600 *	64.0
66.0	31.3	77.6	7 400	10 800 *	66.0
68.0	27.0	73.9	7 000	10 100 *	68.0
70.0	21.9	69.5	6 500	9 400 *	70.0
72.0	15.2	63.3	6 100	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  
 102 060 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	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	
50.3	57.6	98.1	11 800	19 500 *	50.3
52.0	55.6	96.9	11 200	18 100 *	52.0
54.0	53.1	95.5	10 500	16 700 *	54.0
56.0	50.6	93.9	9 800	15 400 *	56.0
58.0	48.0	92.1	9 200	14 200 *	58.0
60.0	45.2	90.2	8 600	13 200 *	60.0
62.0	42.4	88.1	8 100	12 200 *	62.0
64.0	39.3	85.8	7 600	11 400 *	64.0
66.0	36.0	83.1	7 200	10 600 *	66.0
68.0	32.5	80.2	6 700	9 900 *	68.0
70.0	28.5	76.7	6 300	9 200 *	70.0
72.0	24.0	72.6	5 900	8 600 *	72.0
74.0	18.5	67.3	5 500	8 000 *	74.0
76.0	10.2	59.3	5 100	7 500 *	76.0

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

Jib Oper. Rad. Meters	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	
51.8	57.7	100.7	10 900	17 500 *	51.8
52.0	57.5	100.6	10 900	17 400 *	52.0
54.0	55.3	99.3	10 200	16 300 *	54.0
56.0	52.9	97.8	9 500	15 300 *	56.0
58.0	50.5	96.2	8 900	14 100 *	58.0
60.0	48.0	94.4	8 300	13 100 *	60.0
62.0	45.4	92.5	7 800	12 100 *	62.0
64.0	42.7	90.4	7 300	11 200 *	64.0
66.0	39.8	88.1	6 900	10 500 *	66.0
68.0	36.8	85.6	6 400	9 700 *	68.0
70.0	33.5	82.7	6 000	9 100 *	70.0
72.0	29.9	79.4	5 600	8 400 *	72.0
74.0	25.8	75.5	5 200	7 800 *	74.0
76.0	21.0	70.8	4 900	7 300 *	76.0
78.0	14.7	64.5	4 500	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  
 102 060 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	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	
27.4	60.0	74.9	34 300 <b>b</b>	66 800 * <b>b</b>					27.4
28.0	58.2	74.5	33 500 <b>b</b>	63 500 * <b>b</b>					28.0
30.0	51.5	73.1	30 700	53 000 *					30.0
32.0	44.1	71.2	28 400	45 500 *					32.0
34.0	35.6	68.7	26 300	39 700 *	53.6	72.1	22 900 <b>b</b>	56 000 * <b>b</b>	34.0
36.0	24.5	65.1	24 400	35 100 *	46.5	70.3	21 300	47 500 *	36.0
38.0					38.4	68.0	19 800	41 300 *	38.0
40.0					28.3	64.9	18 500	36 400 *	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  
 102 060 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	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	
29.0	60.0	77.5	31 700 <b>b</b>	58 200 <b>*b</b>					29.0
30.0	57.1	76.9	30 400	53 500 *					30.0
32.0	51.2	75.4	28 100	45 700 *					32.0
34.0	44.8	73.5	26 000	39 800 *					34.0
36.0	37.5	71.1	24 200	35 300 *	53.0	74.4	20 900	47 900 *	36.0
38.0	28.7	68.0	22 500	31 500 *	46.8	72.6	19 500	41 500 *	38.0
40.0					39.8	70.4	18 200	36 600 *	40.0
42.0					31.6	67.6	17 000	32 600 *	42.0
44.0					20.5	63.3	15 900	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  
 102 060 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	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	
30.5	60.0	80.2	29 500	51 400 *					30.5
32.0	56.2	79.2	27 800	45 800 *					32.0
34.0	51.0	77.7	25 800	40 000 *					34.0
36.0	45.3	75.8	24 000	35 300 *					36.0
38.0	38.9	73.5	22 300	31 600 *	52.6	76.7	19 200	41 700 *	38.0
40.0	31.5	70.6	20 900	28 400 *	47.1	74.9	18 000	36 600 *	40.0
42.0					41.0	72.8	16 800	32 600 *	42.0
44.0					34.0	70.1	15 700	29 400 *	44.0
46.0					25.3	66.5	14 700	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  
 102 060 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	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	
32.0	60.0	82.8	27 400	46 100 *					32.0
34.0	55.5	81.5	25 400	40 100 *					34.0
36.0	50.8	80.0	23 600	35 400 *					36.0
38.0	45.7	78.1	22 000	31 600 *					38.0
40.0	40.0	75.9	20 600	28 500 *	52.2	79.0	17 600	36 800 *	40.0
42.0					47.3	77.2	16 400	32 700 *	42.0
44.0					41.8	75.1	15 400	29 400 *	44.0
46.0					35.7	72.6	14 400	26 600 *	46.0
48.0					28.5	69.3	13 600	24 200 *	48.0
50.0					18.8	64.6	12 700	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  
 102 060 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	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	
32.0	63.0	86.3	27 100	47 100 *					32.0
34.0	59.0	85.1	25 100	41 000 *					34.0
36.0	54.9	83.8	23 300	36 200 *					36.0
38.0	50.6	82.3	21 800	32 300 *					38.0
40.0	46.0	80.4	20 300	29 000 *	56.2	82.8	17 200	37 600 *	40.0
42.0	40.9	78.3	19 000	26 300 *	52.0	81.3	16 100	33 400 *	42.0
44.0	35.3	75.7	17 800	24 000 *	47.4	79.5	15 100	30 000 *	44.0
46.0					42.5	77.5	14 200	27 200 *	46.0
48.0					37.1	75.0	13 300	24 700 *	48.0
50.0					30.9	72.0	12 500	22 600 *	50.0
52.0					23.2	68.0	11 700	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  
 102 060 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	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	
33.5	62.7	88.9	25 200	42 500 *					33.5
34.0	61.9	88.7	24 800	41 200 *					34.0
36.0	58.2	87.5	23 000	36 300 *					36.0
38.0	54.5	86.1	21 400	32 300 *					38.0
40.0	50.5	84.6	20 000	29 000 *					40.0
42.0	46.2	82.7	18 700	26 300 *	55.6	85.1	15 800	33 500 *	42.0
44.0	41.7	80.6	17 600	24 000 *	51.7	83.6	14 700	30 000 *	44.0
46.0					47.6	81.8	13 800	27 100 *	46.0
48.0					43.1	79.8	13 000	24 600 *	48.0
50.0					38.2	77.4	12 200	22 500 *	50.0
52.0					32.8	74.6	11 500	20 700 *	52.0
54.0					26.3	70.9	10 800	19 100 *	54.0
56.0					17.6	65.8	10 100	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  
 102 060 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	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	
35.1	62.5	91.6	23 700	38 500 *					35.1
36.0	60.9	91.0	22 900	36 300 *					36.0
38.0	57.6	89.8	21 300	32 300 *					38.0
40.0	54.0	88.4	19 900	29 000 *					40.0
42.0	50.4	86.9	18 600	26 200 *					42.0
44.0	46.5	85.0	17 400	23 900 *	55.1	87.4	14 600	30 000 *	44.0
46.0					51.5	85.9	13 700	27 100 *	46.0
48.0					47.7	84.1	12 800	24 600 *	48.0
50.0					43.6	82.1	12 000	22 500 *	50.0
52.0					39.2	79.8	11 300	20 700 *	52.0
54.0					34.3	77.1	10 700	19 000 *	54.0
56.0					28.6	73.7	10 000	17 600 *	56.0
58.0					21.6	69.4	9 400	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  
 102 060 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	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	
36.6	62.3	94.2	22 000	34 800 *					36.6
38.0	60.1	93.4	20 900	32 100 *					38.0
40.0	57.0	92.2	19 500	28 800 *					40.0
42.0	53.7	90.8	18 300	26 000 *					42.0
44.0	50.3	89.2	17 100	23 700 *					44.0
46.0					54.7	89.7	13 300	26 800 *	46.0
48.0					51.3	88.2	12 500	24 400 *	48.0
50.0					47.8	86.4	11 700	22 300 *	50.0
52.0					44.0	84.5	11 000	20 400 *	52.0
54.0					39.9	82.2	10 300	18 800 *	54.0
56.0					35.5	79.6	9 700	17 400 *	56.0
58.0					30.5	76.4	9 100	16 100 *	58.0
60.0					24.6	72.5	8 600	15 000 *	60.0
62.0					16.8	67.0	8 100	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  
 102 060 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	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	
38.1	62.2	96.9	20 500	32 200 *					38.1
40.0	59.4	95.8	19 200	29 000 *					40.0
42.0	56.5	94.5	18 000	26 200 *					42.0
44.0	53.4	93.1	16 800	23 900 *					44.0
46.0	50.2	91.5	15 800	21 800 *	57.4	93.4	13 000	27 100 *	46.0
48.0	46.8	89.7	14 800	20 000 *	54.3	92.0	12 200	24 600 *	48.0
50.0					51.2	90.5	11 400	22 400 *	50.0
52.0					47.8	88.7	10 700	20 600 *	52.0
54.0					44.3	86.8	10 000	18 900 *	54.0
56.0					40.6	84.6	9 500	17 500 *	56.0
58.0					36.5	82.0	8 900	16 200 *	58.0
60.0					32.0	79.0	8 300	15 100 *	60.0
62.0					26.8	75.4	7 800	14 000 *	62.0
64.0					20.5	70.7	7 300	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  
 102 060 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	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	
39.6	62.0	99.5	19 100	29 700 *					39.6
40.0	61.5	99.3	18 900	29 100 *					40.0
42.0	58.8	98.1	17 700	26 200 *					42.0
44.0	56.0	96.8	16 500	23 800 *					44.0
46.0	53.1	95.4	15 500	21 800 *					46.0
48.0	50.1	93.8	14 500	19 900 *	56.9	95.7	11 800	24 600 *	48.0
50.0	46.9	92.0	13 600	18 400 *	54.0	94.3	11 100	22 400 *	50.0
52.0					51.0	92.8	10 400	20 500 *	52.0
54.0					47.9	91.0	9 700	18 800 *	54.0
56.0					44.6	89.1	9 100	17 400 *	56.0
58.0					41.2	86.9	8 500	16 000 *	58.0
60.0					37.4	84.4	8 000	14 900 *	60.0
62.0					33.3	81.6	7 500	13 800 *	62.0
64.0					28.7	78.2	7 100	12 900 *	64.0
66.0					23.2	74.0	6 600	12 000 *	66.0
68.0					16.1	68.2	6 200	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  
 102 060 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	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	
41.1	61.9	102.1	18 000	27 300 *					41.1
42.0	60.8	101.7	17 500	26 100 *					42.0
44.0	58.3	100.5	16 300	23 700 *					44.0
46.0	55.6	99.1	15 300	21 600 *					46.0
48.0	52.9	97.7	14 300	19 800 *					48.0
50.0	50.0	96.1	13 500	18 200 *					50.0
52.0					53.7	96.7	10 200	20 300 *	52.0
54.0					50.9	95.1	9 500	18 700 *	54.0
56.0					48.0	93.3	9 000	17 200 *	56.0
58.0					44.9	91.4	8 400	15 900 *	58.0
60.0					41.7	89.3	7 900	14 700 *	60.0
62.0					38.2	86.8	7 400	13 700 *	62.0
64.0					34.4	84.1	6 900	12 700 *	64.0
66.0					30.2	80.8	6 500	11 900 *	66.0
68.0					25.4	77.0	6 100	11 100 *	68.0
70.0					19.5	72.0	5 700	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  
 102 060 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	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	
42.7	61.8	104.8	16 700	25 000 *					42.7
44.0	60.2	104.0	16 000	23 500 *					44.0
46.0	57.8	102.8	15 000	21 400 *					46.0
48.0	55.3	101.5	14 000	19 600 *					48.0
50.0	52.7	100.0	13 200	17 900 *					50.0
52.0					56.0	100.4	9 900	20 100 *	52.0
54.0					53.5	99.0	9 200	18 400 *	54.0
56.0					50.8	97.4	8 600	17 000 *	56.0
58.0					48.0	95.6	8 100	15 700 *	58.0
60.0					45.1	93.7	7 600	14 500 *	60.0
62.0					42.1	91.6	7 000	13 500 *	62.0
64.0					38.9	89.2	6 600	12 500 *	64.0
66.0					35.4	86.5	6 200	11 600 *	66.0
68.0					31.5	83.5	5 800	10 900 *	68.0
70.0					27.2	79.8	5 400	10 100 *	70.0
72.0					22.1	75.4	5 000	9 400 *	72.0
74.0					15.5	69.4	4 700	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  
 102 060 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	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	
44.2	61.7	107.4	15 600	23 000 *					44.2
46.0	59.7	106.4	14 700	21 100 *					46.0
48.0	57.3	105.1	13 800	19 300 *					48.0
50.0	54.9	103.8	12 900	17 700 *					50.0
52.0									52.0
54.0					55.7	102.7	8 900	18 200 *	54.0
56.0					53.2	101.3	8 300	16 800 *	56.0
58.0					50.7	99.7	7 800	15 500 *	58.0
60.0					48.1	97.9	7 300	14 300 *	60.0
62.0					45.4	96.0	6 800	13 300 *	62.0
64.0					42.5	93.9	6 300	12 300 *	64.0
66.0					39.4	91.6	5 900	11 400 *	66.0
68.0					36.2	89.0	5 500	10 700 *	68.0
70.0					32.6	86.0	5 100	9 900 *	70.0
72.0					28.7	82.6	4 800	9 300 *	72.0
74.0					24.2	78.5	4 400	8 600 *	74.0
76.0					18.7	73.3	4 100	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  
 102 060 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	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	
45.7	61.6	110.1	14 600	19 700 *					45.7
46.0	61.3	109.9	14 400	19 600 *					46.0
48.0	59.2	108.7	13 400	18 400 *					48.0
50.0	56.9	107.5	12 600	17 300 *					50.0
52.0	54.7	106.1	11 800	16 100 *					52.0
54.0	52.3	104.6	11 100	15 000 *					54.0
56.0					55.4	105.0	8 000	16 400 *	56.0
58.0					53.0	103.6	7 500	15 300 *	58.0
60.0					50.6	102.0	7 000	14 200 *	60.0
62.0					48.1	100.2	6 500	13 100 *	62.0
64.0					45.5	98.3	6 000	12 200 *	64.0
66.0					42.8	96.3	5 600	11 300 *	66.0
68.0					40.0	94.0	5 200	10 500 *	68.0
70.0					36.9	91.4	4 800	9 700 *	70.0
72.0					33.6	88.5	4 500	9 100 *	72.0
74.0					30.0	85.3	4 100	8 400 *	74.0
76.0					26.0	81.5	3 800	7 900 *	76.0
78.0					21.2	76.8	3 500	7 300 *	78.0
80.0					15.0	70.5	3 200	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  
 102 060 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	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	
29.0	60.1	80.8	30 900 <b>b</b>	67 200 * <b>b</b>					29.0
30.0	56.8	80.1	29 600 <b>b</b>	61 000 * <b>b</b>					30.0
32.0	50.0	78.6	27 400	51 200 *					32.0
34.0	42.5	76.6	25 400	44 100 *					34.0
36.0	33.5	73.9	23 600	38 600 *	53.9	77.8	19 900	53 700	36.0
38.0	21.4	69.9	21 900	34 300 *	46.8	76.1	18 500	47 900	38.0
40.0					38.7	73.9	17 300	41 600 *	40.0
42.0					28.8	70.8	16 200	36 600 *	42.0
44.0					12.8	65.2	15 100	32 600 *	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  
 102 060 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	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	
30.5	60.1	83.4	28 700 <b>b</b>	58 500 * <b>b</b>					30.5
32.0	55.9	82.5	27 000	51 500 *					32.0
34.0	49.9	80.9	25 000	44 300 *					34.0
36.0	43.3	78.9	23 200	38 800 *					36.0
38.0	35.8	76.4	21 700	34 400 *	53.3	80.2	18 100	48 100	38.0
40.0	26.4	73.0	20 200	30 800 *	47.1	78.4	16 900	41 700 *	40.0
42.0					40.2	76.3	15 800	36 700 *	42.0
44.0					32.0	73.4	14 800	32 700 *	44.0
46.0					21.1	69.3	13 800	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  
 102 060 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	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	
32.0	60.1	86.1	26 700	51 700 *					32.0
34.0	55.1	84.8	24 700	44 400 *					34.0
36.0	49.8	83.2	23 000	38 900 *					36.0
38.0	44.0	81.3	21 400	34 500 *					38.0
40.0	37.5	78.9	20 100	30 800 *	52.8	82.5	16 700	41 900 *	40.0
42.0	29.8	75.8	18 700	27 800 *	47.3	80.7	15 600	36 900 *	42.0
44.0	19.4	71.2	17 600	25 300 *	41.2	78.6	14 600	32 800 *	44.0
46.0					34.3	76.0	13 700	29 500 *	46.0
48.0					25.7	72.4	12 800	26 700 *	48.0
50.0					12.3	66.3	12 000	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  
 102 060 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	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	
33.5	60.1	88.7	24 800	46 300 *					33.5
34.0	59.1	88.4	24 400	44 800 *					34.0
36.0	54.5	87.1	22 600	39 000 *					36.0
38.0	49.7	85.5	21 100	34 600 *					38.0
40.0	44.5	83.6	19 700	30 900 *	57.1	86.2	16 200	42 100 *	40.0
42.0	38.8	81.3	18 400	27 800 *	52.4	84.8	15 200	37 000 *	42.0
44.0	32.2	78.4	17 300	25 300 *	47.5	83.0	14 200	32 900 *	44.0
46.0	24.0	74.5	16 200	23 100 *	42.1	81.0	13 300	29 500 *	46.0
48.0					36.0	78.4	12 500	26 700 *	48.0
50.0					28.8	75.2	11 700	24 300 *	50.0
52.0					19.3	70.6	11 000	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  
 102 060 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	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	
35.1	60.1	91.4	23 100	42 500 *					35.1
36.0	58.2	90.8	22 300	40 000 *					36.0
38.0	54.0	89.4	20 800	35 300 *					38.0
40.0	49.7	87.8	19 400	31 500 *					40.0
42.0	44.9	85.9	18 200	28 400 *					42.0
44.0	39.8	83.7	17 000	25 800 *	52.1	87.1	13 900	33 600 *	44.0
46.0	34.0	80.9	16 000	23 600 *	47.6	85.3	13 000	30 100 *	46.0
48.0	27.2	77.4	15 100	21 600 *	42.7	83.3	12 200	27 300 *	48.0
50.0	18.0	72.5	14 100	19 900 *	37.4	80.9	11 400	24 800 *	50.0
52.0					31.2	77.9	10 700	22 700 *	52.0
54.0					23.6	73.9	10 100	20 900 *	54.0
56.0					11.9	67.4	9 400	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  
 102 060 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	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	
35.1	62.8	94.8	22 800	42 700 *					35.1
36.0	61.1	94.3	22 000	40 100 *					36.0
38.0	57.5	93.1	20 400	35 400 *					38.0
40.0	53.6	91.7	19 100	31 600 *					40.0
42.0	49.6	90.1	17 900	28 400 *					42.0
44.0	45.3	88.2	16 700	25 800 *					44.0
46.0	40.6	86.0	15 700	23 500 *	51.9	89.4	12 600	30 100 *	46.0
48.0	35.5	83.4	14 800	21 600 *	47.7	87.6	11 800	27 200 *	48.0
50.0	29.6	80.2	13 900	19 800 *	43.3	85.6	11 100	24 700 *	50.0
52.0	22.2	76.0	13 100	18 300 *	38.4	83.3	10 400	22 600 *	52.0
54.0					33.0	80.4	9 800	20 800 *	54.0
56.0					26.6	76.8	9 200	19 200 *	56.0
58.0					18.1	71.8	8 600	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  
 102 060 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	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	
36.6	62.6	97.5	21 400	38 600 *					36.6
38.0	60.2	96.7	20 300	35 400 *					38.0
40.0	56.8	95.4	18 900	31 500 *					40.0
42.0	53.3	94.0	17 700	28 400 *					42.0
44.0	49.5	92.4	16 600	25 700 *					44.0
46.0	45.6	90.5	15 600	23 500 *	55.3	93.2	12 500	30 100 *	46.0
48.0	41.3	88.4	14 700	21 500 *	51.7	91.7	11 700	27 200 *	48.0
50.0	36.7	85.9	13 800	19 800 *	47.8	89.9	11 000	24 700 *	50.0
52.0	31.5	82.8	13 000	18 200 *	43.8	88.0	10 300	22 500 *	52.0
54.0	25.2	79.0	12 200	16 900 *	39.4	85.7	9 700	20 700 *	54.0
56.0	17.0	73.7	11 500	15 700 *	34.5	82.9	9 100	19 100 *	56.0
58.0					28.9	79.6	8 500	17 700 *	58.0
60.0					22.0	75.3	8 000	16 400 *	60.0
62.0					11.6	68.4	7 500	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  
 102 060 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	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	
38.1	62.4	100.1	19 900	35 000 *					38.1
40.0	59.5	99.1	18 600	31 300 *					40.0
42.0	56.3	97.8	17 400	28 100 *					42.0
44.0	53.0	96.3	16 300	25 500 *					44.0
46.0	49.5	94.7	15 200	23 200 *					46.0
48.0	45.8	92.8	14 400	21 300 *	54.8	95.5	11 300	27 000 *	48.0
50.0	41.9	90.7	13 500	19 600 *	51.5	94.0	10 600	24 500 *	50.0
52.0	37.7	88.3	12 700	18 100 *	47.9	92.2	10 000	22 400 *	52.0
54.0	33.0	85.4	12 000	16 700 *	44.2	90.3	9 300	20 500 *	54.0
56.0	27.6	81.9	11 300	15 500 *	40.1	88.0	8 800	18 900 *	56.0
58.0	20.9	77.3	10 600	14 400 *	35.7	85.4	8 200	17 400 *	58.0
60.0					30.7	82.3	7 700	16 200 *	60.0
62.0					24.8	78.4	7 200	15 000 *	62.0
64.0					17.2	73.0	6 800	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  
 102 060 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	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	
39.6	62.3	102.8	18 500	32 700 *					39.6
40.0	61.7	102.6	18 300	32 000 *					40.0
42.0	58.8	101.4	17 100	28 700 *					42.0
44.0	55.8	100.1	16 000	26 000 *					44.0
46.0	52.7	98.6	15 000	23 600 *					46.0
48.0	49.5	97.0	14 000	21 600 *					48.0
50.0	46.1	95.1	13 200	19 800 *	54.5	97.8	10 300	24 900 *	50.0
52.0	42.4	93.0	12 400	18 300 *	51.3	96.3	9 600	22 700 *	52.0
54.0	38.5	90.7	11 700	16 900 *	48.0	94.5	9 100	20 800 *	54.0
56.0	34.3	87.9	11 000	15 700 *	44.5	92.6	8 500	19 100 *	56.0
58.0	29.4	84.6	10 400	14 600 *	40.8	90.4	7 900	17 700 *	58.0
60.0	23.7	80.5	9 800	13 600 *	36.7	87.9	7 400	16 300 *	60.0
62.0	16.2	74.9	9 200	12 700 *	32.2	84.9	7 000	15 200 *	62.0
64.0					27.1	81.3	6 500	14 100 *	64.0
66.0					20.8	76.7	6 100	13 200 *	66.0
68.0					11.4	69.5	5 700	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  
 102 060 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	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	
41.1	62.1	105.4	17 200	29 800 *					41.1
42.0	61.0	104.9	16 700	28 500 *					42.0
44.0	58.2	103.7	15 600	25 700 *					44.0
46.0	55.4	102.4	14 600	23 400 *					46.0
48.0	52.5	100.9	13 700	21 300 *					48.0
50.0	49.4	99.3	12 900	19 600 *					50.0
52.0	46.3	97.4	12 100	18 000 *	54.1	100.1	9 300	22 400 *	52.0
54.0	42.9	95.4	11 400	16 700 *	51.2	98.6	8 700	20 500 *	54.0
56.0	39.3	93.0	10 700	15 400 *	48.1	96.8	8 100	18 900 *	56.0
58.0	35.3	90.4	10 100	14 300 *	44.8	94.9	7 600	17 400 *	58.0
60.0	31.0	87.3	9 500	13 300 *	41.3	92.7	7 100	16 100 *	60.0
62.0	26.0	83.5	9 000	12 400 *	37.6	90.3	6 600	15 000 *	62.0
64.0	19.8	78.7	8 400	11 600 *	33.5	87.4	6 200	13 900 *	64.0
66.0					28.9	84.1	5 800	12 900 *	66.0
68.0					23.5	79.9	5 400	12 100 *	68.0
70.0					16.4	74.2	5 000	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  
 102 060 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 Oper. Rad. Meters	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	
42.7	62.0	108.1	16 200	27 300 *					42.7
44.0	60.3	107.3	15 500	25 600 *					44.0
46.0	57.7	106.1	14 500	23 200 *					46.0
48.0	55.0	104.7	13 500	21 200 *					48.0
50.0	52.3	103.2	12 700	19 500 *					50.0
52.0	49.4	101.6	11 900	17 900 *	56.6	103.9	9 100	22 300 *	52.0
54.0	46.4	99.8	11 200	16 500 *	53.8	102.4	8 500	20 400 *	54.0
56.0	43.3	97.7	10 600	15 300 *	51.0	100.9	7 900	18 800 *	56.0
58.0	39.9	95.4	9 900	14 200 *	48.1	99.2	7 500	17 300 *	58.0
60.0	36.3	92.8	9 400	13 200 *	45.0	97.2	6 900	16 000 *	60.0
62.0	32.3	89.8	8 800	12 300 *	41.8	95.1	6 500	14 800 *	62.0
64.0	27.8	86.3	8 300	11 500 *	38.3	92.7	6 100	13 700 *	64.0
66.0	22.5	82.0	7 800	10 700 *	34.6	89.9	5 700	12 800 *	66.0
68.0	15.6	76.1	7 300	10 000 *	30.4	86.7	5 300	11 900 *	68.0
70.0					25.6	82.9	4 900	11 100 *	70.0
72.0					19.8	78.0	4 600	10 400 *	72.0
74.0					11.3	70.6	4 200	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  
 102 060 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	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	
44.2	61.9	110.7	15 000	25 100 *					44.2
46.0	59.7	109.7	14 200	23 000 *					46.0
48.0	57.3	108.4	13 200	21 000 *					48.0
50.0	54.7	107.1	12 400	19 200 *					50.0
52.0	52.1	105.5	11 600	17 600 *					52.0
54.0	49.4	103.9	10 900	16 300 *	56.1	106.2	8 200	20 200 *	54.0
56.0	46.6	102.1	10 300	15 100 *	53.6	104.8	7 600	18 500 *	56.0
58.0	43.6	100.0	9 600	14 000 *	50.9	103.2	7 100	17 000 *	58.0
60.0	40.4	97.8	9 100	13 000 *	48.2	101.5	6 600	15 700 *	60.0
62.0	37.1	95.3	8 500	12 000 *	45.3	99.5	6 200	14 500 *	62.0
64.0	33.4	92.4	8 000	11 200 *	42.2	97.4	5 700	13 500 *	64.0
66.0	29.4	89.1	7 500	10 500 *	39.0	95.1	5 300	12 600 *	66.0
68.0	24.7	85.1	7 100	9 800 *	35.5	92.4	4 900	11 700 *	68.0
70.0	19.0	80.0	6 600	9 100 *	31.7	89.3	4 600	10 900 *	70.0
72.0					27.4	85.7	4 200	10 200 *	72.0
74.0					22.4	81.3	3 900	9 500 *	74.0
76.0					15.8	75.4	3 600	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  
 102 060 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	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	
45.7	61.8	113.3	14 000	23 100 *					45.7
46.0	61.5	113.2	13 800	22 800 *					46.0
48.0	59.2	112.0	12 900	20 800 *					48.0
50.0	56.8	110.8	12 100	19 000 *					50.0
52.0	54.4	109.4	11 400	17 400 *					52.0
54.0	51.9	107.8	10 700	16 100 *					54.0
56.0	49.4	106.2	10 000	14 800 *	55.8	108.5	7 300	18 300 *	56.0
58.0	46.7	104.4	9 400	13 700 *	53.3	107.1	6 800	16 800 *	58.0
60.0	43.9	102.4	8 800	12 700 *	50.8	105.5	6 300	15 500 *	60.0
62.0	40.9	100.1	8 300	11 800 *	48.2	103.8	5 900	14 300 *	62.0
64.0	37.8	97.7	7 800	11 000 *	45.5	101.9	5 400	13 300 *	64.0
66.0	34.4	94.9	7 300	10 300 *	42.6	99.8	5 100	12 300 *	66.0
68.0	30.7	91.7	6 900	9 500 *	39.6	97.4	4 700	11 500 *	68.0
70.0	26.5	88.0	6 400	8 900 *	36.3	94.8	4 300	10 700 *	70.0
72.0	21.6	83.4	6 000	8 300 *	32.8	91.9	4 000	9 900 *	72.0
74.0	15.1	77.2	5 600	7 700 *	28.9	88.5	3 700	9 300 *	74.0
76.0					24.4	84.4	3 400	8 700 *	76.0
78.0					19.0	79.3	3 100	8 100 *	78.0
80.0					11.2	71.7	2 700	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  
 102 060 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	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	
47.2	61.7	116.0	13 000	19 600 *					47.2
48.0	60.9	115.6	12 600	19 200 *					48.0
50.0	58.7	114.4	11 800	18 100 *					50.0
52.0	56.5	113.1	11 000	16 900 *					52.0
54.0	54.2	111.7	10 300	15 900 *					54.0
56.0	51.8	110.2	9 700	14 800 *					56.0
58.0	49.4	108.5	9 100	13 600 *	55.5	110.8	6 500	16 300 *	58.0
60.0	46.8	106.7	8 500	12 600 *	53.1	109.4	6 000	15 400 *	60.0
62.0	44.2	104.7	8 000	11 700 *	50.7	107.8	5 500	14 300 *	62.0
64.0	41.4	102.5	7 500	10 800 *	48.2	106.1	5 100	13 200 *	64.0
66.0	38.4	100.1	7 000	10 100 *	45.7	104.2	4 700	12 200 *	66.0
68.0	35.3	97.4	6 600	9 400 *	42.9	102.1	4 400	11 300 *	68.0
70.0	31.8	94.3	6 100	8 700 *	40.1	99.8	4 000	10 500 *	70.0
72.0	28.0	90.8	5 800	8 100 *	37.1	97.3	3 700	9 800 *	72.0
74.0	23.6	86.6	5 400	7 600 *	33.8	94.4	3 400	9 100 *	74.0
76.0	18.3	81.2	5 000	7 100 *	30.2	91.2	3 100	8 500 *	76.0
78.0					26.2	87.4	2 800	7 900 *	78.0
80.0					21.4	82.7	2 500	7 400 *	80.0
82.0					15.4	76.6	2 200	6 800 *	82.0



# 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  
 102 060 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	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	
22.9	66.0	89.0	46 400 <b>b</b>	81 400 * <b>b</b>									22.9
24.0	62.5	88.4	43 900 <b>b</b>	72 800 * <b>b</b>									24.0
26.0	56.2	87.2	39 900 <b>b</b>	59 700 * <b>b</b>									26.0
28.0	49.4	85.6	36 500 <b>b</b>	50 400 * <b>b</b>									28.0
30.0													30.0
32.0					55.4	85.7	26 200 <b>b</b>	58 500 * <b>b</b>					32.0
34.0					48.5	84.1	24 300	49 500 *					34.0
36.0					40.7	82.0	22 600	42 800 *					36.0
38.0					31.3	79.1	21 000	37 600 *					38.0
40.0									47.1	81.9	16 000	46 200	40.0
42.0									39.1	79.7	14 900	42 100 *	42.0
44.0									29.3	76.7	14 000	36 800 *	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  
 102 060 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	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		
24.4	65.2	91.7	42 700 <b>b</b>	70 300 * <b>b</b>										24.4
26.0	60.9	90.8	39 600 <b>b</b>	60 000 * <b>b</b>										26.0
28.0	55.3	89.5	36 100	50 700 *										28.0
30.0														30.0
32.0														32.0
34.0					54.6	88.0	23 900	49 800 *						34.0
36.0					48.6	86.4	22 200	43 000 *						36.0
38.0					41.8	84.3	20 700	37 800 *						38.0
40.0					34.0	81.7	19 300	33 600 *	53.5	85.9	15 600	46 000		40.0
42.0					24.0	78.0	18 100	30 100 *	47.4	84.2	14 500	42 300		42.0
44.0									40.5	82.1	13 600	36 900 *		44.0
46.0									32.4	79.3	12 800	32 900 *		46.0
48.0									21.7	75.2	11 900	29 600 *		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  
 102 060 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 Oper. Rad. Meters	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	
33.5	60.2	92.0	24 000	51 900 *					33.5
34.0	59.1	91.7	23 600	50 100 *					34.0
36.0	54.0	90.3	21 900	43 200 *					36.0
38.0	48.6	88.7	20 500	37 900 *					38.0
40.0	42.7	86.7	19 100	33 600 *					40.0
42.0	36.0	84.2	17 900	30 200 *	53.1	88.3	14 300	42 000	42.0
44.0	27.9	80.9	16 800	27 300 *	47.6	86.5	13 400	37 100 *	44.0
46.0					41.5	84.5	12 500	32 900 *	46.0
48.0					34.6	81.8	11 700	29 600 *	48.0
50.0					26.1	78.3	11 000	26 800 *	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  
 102 060 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	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	
35.1	60.2	94.6	22 300	46 400 *					35.1
36.0	58.1	94.1	21 600	43 500 *					36.0
38.0	53.5	92.7	20 100	38 000 *					38.0
40.0	48.7	91.0	18 800	33 700 *					40.0
42.0	43.4	89.0	17 600	30 200 *					42.0
44.0	37.5	86.6	16 500	27 300 *	52.7	90.6	12 900	37 200 *	44.0
46.0	30.6	83.6	15 500	24 800 *	47.7	88.8	12 100	33 000 *	46.0
48.0	21.9	79.4	14 500	22 700 *	42.3	86.8	11 300	29 600 *	48.0
50.0					36.3	84.3	10 600	26 800 *	50.0
52.0					29.2	81.1	10 000	24 400 *	52.0
54.0					19.8	76.5	9 400	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  
 102 060 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 Oper. Rad. Meters	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	
36.6	60.2	97.3	20 800	42 600 *					36.6
38.0	57.3	96.4	19 800	38 900 *					38.0
40.0	53.1	95.0	18 500	34 400 *					40.0
42.0	48.7	93.3	17 300	30 800 *					42.0
44.0	43.9	91.3	16 200	27 800 *					44.0
46.0	38.7	89.0	15 200	25 300 *	52.3	92.9	11 800	33 700 *	46.0
48.0	32.7	86.2	14 300	23 200 *	47.8	91.1	11 000	30 300 *	48.0
50.0	25.5	82.5	13 400	21 300 *	43.0	89.1	10 300	27 400 *	50.0
52.0					37.6	86.7	9 700	24 900 *	52.0
54.0					31.5	83.7	9 100	22 800 *	54.0
56.0					23.9	79.8	8 500	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  
 102 060 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	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	
36.6	62.9	100.8	20 400	42 800 *					36.6
38.0	60.4	100.0	19 400	39 000 *					38.0
40.0	56.7	98.7	18 100	34 500 *					40.0
42.0	52.8	97.3	16 900	30 900 *					42.0
44.0	48.7	95.6	15 800	27 800 *					44.0
46.0	44.4	93.7	14 900	25 300 *	56.0	96.7	11 400	33 800 *	46.0
48.0	39.6	91.4	14 000	23 100 *	52.0	95.2	10 700	30 300 *	48.0
50.0	34.3	88.7	13 100	21 200 *	47.9	93.4	10 000	27 300 *	50.0
52.0	28.2	85.3	12 400	19 500 *	43.5	91.5	9 300	24 900 *	52.0
54.0	20.4	80.7	11 600	18 000 *	38.7	89.1	8 700	22 700 *	54.0
56.0					33.2	86.3	8 200	20 800 *	56.0
58.0					26.9	82.7	7 700	19 200 *	58.0
60.0					18.5	77.8	7 200	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  
 102 060 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	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	
38.1	62.7	103.4	19 200	38 700 *					38.1
40.0	59.5	102.3	18 000	34 500 *					40.0
42.0	56.1	101.0	16 800	30 800 *					42.0
44.0	52.5	99.6	15 700	27 800 *					44.0
46.0	48.7	97.9	14 700	25 200 *					46.0
48.0	44.7	96.0	13 800	23 000 *	55.4	99.0	10 500	30 300 *	48.0
50.0	40.4	93.8	13 000	21 100 *	51.8	97.5	9 800	27 300 *	50.0
52.0	35.6	91.1	12 300	19 400 *	48.0	95.8	9 200	24 800 *	52.0
54.0	30.2	88.0	11 600	17 900 *	43.9	93.8	8 600	22 600 *	54.0
56.0	23.7	84.0	10 900	16 600 *	39.5	91.5	8 100	20 800 *	56.0
58.0					34.7	88.8	7 600	19 200 *	58.0
60.0					29.1	85.5	7 100	17 700 *	60.0
62.0					22.3	81.3	6 600	16 400 *	62.0
64.0					12.3	74.6	6 200	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  
 102 060 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	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	
39.6	62.5	106.0	17 800	35 100 *					39.6
40.0	61.9	105.8	17 600	34 300 *					40.0
42.0	58.8	104.7	16 400	30 600 *					42.0
44.0	55.6	103.4	15 300	27 600 *					44.0
46.0	52.3	101.9	14 400	25 000 *					46.0
48.0	48.8	100.2	13 500	22 800 *					48.0
50.0	45.0	98.3	12 700	20 900 *	55.0	101.3	9 500	27 100 *	50.0
52.0	41.1	96.1	11 900	19 200 *	51.6	99.8	8 800	24 600 *	52.0
54.0	36.7	93.6	11 200	17 800 *	48.1	98.1	8 300	22 400 *	54.0
56.0	31.9	90.6	10 600	16 400 *	44.3	96.1	7 700	20 600 *	56.0
58.0	26.3	86.9	9 900	15 300 *	40.3	93.9	7 200	18 900 *	58.0
60.0	19.2	82.0	9 400	14 200 *	35.9	91.3	6 800	17 500 *	60.0
62.0					30.9	88.2	6 300	16 200 *	62.0
64.0					25.1	84.3	5 900	15 100 *	64.0
66.0					17.6	79.1	5 500	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  
 102 060 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	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	
41.1	62.3	108.7	16 600	32 700 *					41.1
42.0	61.1	108.2	16 100	31 300 *					42.0
44.0	58.2	107.0	15 100	28 100 *					44.0
46.0	55.2	105.7	14 100	25 400 *					46.0
48.0	52.0	104.2	13 200	23 200 *					48.0
50.0	48.8	102.5	12 400	21 200 *					50.0
52.0	45.3	100.6	11 700	19 500 *	54.6	103.6	8 500	25 000 *	52.0
54.0	41.6	98.5	11 000	18 000 *	51.4	102.1	8 000	22 800 *	54.0
56.0	37.7	96.0	10 300	16 600 *	48.1	100.4	7 400	20 900 *	56.0
58.0	33.3	93.1	9 700	15 400 *	44.6	98.4	7 000	19 200 *	58.0
60.0	28.3	89.7	9 100	14 400 *	40.9	96.2	6 500	17 700 *	60.0
62.0	22.4	85.4	8 600	13 400 *	36.9	93.7	6 000	16 400 *	62.0
64.0	14.1	79.2	8 100	12 500 *	32.4	90.7	5 600	15 200 *	64.0
66.0					27.3	87.2	5 300	14 200 *	66.0
68.0					21.1	82.6	4 900	13 200 *	68.0
70.0					12.0	75.7	4 500	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  
 102 060 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	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	
42.7	62.2	111.3	15 400	29 800 *					42.7
44.0	60.4	110.6	14 700	27 900 *					44.0
46.0	57.6	109.4	13 700	25 200 *					46.0
48.0	54.8	108.0	12 900	22 900 *					48.0
50.0	51.9	106.5	12 100	20 900 *					50.0
52.0	48.8	104.8	11 300	19 300 *	57.1	107.3	8 200	24 700 *	52.0
54.0	45.6	102.9	10 700	17 700 *	54.3	105.9	7 600	22 500 *	54.0
56.0	42.1	100.8	10 000	16 400 *	51.3	104.4	7 100	20 600 *	56.0
58.0	38.5	98.4	9 400	15 200 *	48.2	102.7	6 600	18 900 *	58.0
60.0	34.5	95.7	8 900	14 100 *	44.9	100.7	6 100	17 500 *	60.0
62.0	30.0	92.4	8 300	13 100 *	41.5	98.6	5 700	16 200 *	62.0
64.0	24.8	88.5	7 800	12 200 *	37.7	96.1	5 300	15 000 *	64.0
66.0	18.3	83.3	7 300	11 400 *	33.7	93.3	4 900	13 900 *	66.0
68.0					29.1	89.9	4 500	13 000 *	68.0
70.0					23.7	85.8	4 200	12 100 *	70.0
72.0					16.8	80.3	3 900	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  
 102 060 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	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	
44.2	62.1	114.0	14 400	27 400 *					44.2
46.0	59.8	112.9	13 600	25 000 *					46.0
48.0	57.2	111.7	12 700	22 800 *					48.0
50.0	54.5	110.3	11 900	20 800 *					50.0
52.0	51.7	108.8	11 200	19 100 *					52.0
54.0	48.8	107.1	10 500	17 600 *	56.7	109.6	7 400	22 400 *	54.0
56.0	45.8	105.2	9 900	16 300 *	54.0	108.2	6 900	20 500 *	56.0
58.0	42.6	103.1	9 300	15 100 *	51.2	106.7	6 400	18 800 *	58.0
60.0	39.2	100.8	8 700	14 000 *	48.2	105.0	6 000	17 300 *	60.0
62.0	35.5	98.1	8 200	13 000 *	45.2	103.0	5 500	16 000 *	62.0
64.0	31.4	95.0	7 700	12 100 *	41.9	100.9	5 200	14 800 *	64.0
66.0	26.8	91.4	7 200	11 300 *	38.5	98.5	4 800	13 800 *	66.0
68.0	21.3	86.8	6 800	10 500 *	34.7	95.8	4 400	12 800 *	68.0
70.0	13.7	80.3	6 400	9 900 *	30.6	92.6	4 100	12 000 *	70.0
72.0					25.8	88.8	3 700	11 100 *	72.0
74.0					20.1	84.0	3 500	10 400 *	74.0
76.0					11.8	76.8	3 100	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  
 102 060 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	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	
45.7	61.9	116.6	13 400	25 200 *					45.7
46.0	61.6	116.5	13 300	24 800 *					46.0
48.0	59.2	115.3	12 400	22 500 *					48.0
50.0	56.7	114.0	11 600	20 600 *					50.0
52.0	54.2	112.6	10 900	18 900 *					52.0
54.0	51.5	111.1	10 200	17 300 *					54.0
56.0	48.8	109.4	9 500	16 000 *	56.3	112.0	6 500	20 300 *	56.0
58.0	45.9	107.5	9 000	14 800 *	53.7	110.5	6 100	18 600 *	58.0
60.0	42.9	105.5	8 400	13 700 *	51.0	109.0	5 600	17 100 *	60.0
62.0	39.8	103.2	7 900	12 700 *	48.3	107.3	5 200	15 800 *	62.0
64.0	36.3	100.6	7 400	11 900 *	45.4	105.4	4 800	14 600 *	64.0
66.0	32.6	97.6	6 900	11 100 *	42.4	103.2	4 400	13 500 *	66.0
68.0	28.4	94.2	6 500	10 300 *	39.1	100.9	4 100	12 600 *	68.0
70.0	23.6	90.0	6 100	9 600 *	35.7	98.2	3 800	11 700 *	70.0
72.0	17.5	84.5	5 700	9 000 *	31.9	95.2	3 400	10 900 *	72.0
74.0					27.6	91.6	3 100	10 200 *	74.0
76.0					22.6	87.3	2 800	9 500 *	76.0
78.0					16.2	81.5	2 500	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  
 102 060 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 Oper. Rad. Meters	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	
47.2	61.8	119.3	12 400	22 800 *					47.2
48.0	61.0	118.8	12 100	22 200 *					48.0
50.0	58.7	117.7	11 300	20 400 *					50.0
52.0	56.3	116.4	10 500	18 600 *					52.0
54.0	53.9	114.9	9 900	17 100 *					54.0
56.0	51.4	113.4	9 300	15 800 *					56.0
58.0	48.8	111.7	8 700	14 600 *	55.9	114.3	5 800	18 300 *	58.0
60.0	46.1	109.8	8 100	13 500 *	53.4	112.9	5 300	16 900 *	60.0
62.0	43.3	107.8	7 600	12 500 *	50.9	111.3	4 900	15 600 *	62.0
64.0	40.3	105.5	7 200	11 700 *	48.3	109.6	4 500	14 400 *	64.0
66.0	37.1	103.0	6 700	10 800 *	45.6	107.7	4 200	13 300 *	66.0
68.0	33.6	100.1	6 300	10 100 *	42.7	105.6	3 800	12 400 *	68.0
70.0	29.8	96.9	5 900	9 400 *	39.7	103.3	3 500	11 500 *	70.0
72.0	25.5	93.0	5 500	8 800 *	36.5	100.7	3 200	10 700 *	72.0
74.0	20.4	88.2	5 100	8 200 *	33.0	97.7	2 900	10 000 *	74.0
76.0	13.4	81.4	4 700	7 700 *	29.1	94.4	2 600	9 300 *	76.0
78.0					24.6	90.4	2 300	8 700 *	78.0
80.0					19.2	85.3	2 100	8 100 *	80.0
82.0					11.6	77.8	1 800	7 600 *	82.0



# 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  
 102 060 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	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	
48.8	61.8	121.9	11 400	19 400 *					48.8
50.0	60.4	121.2	10 900	18 700 *					50.0
52.0	58.2	120.0	10 200	17 700 *					52.0
54.0	56.0	118.7	9 600	16 700 *					54.0
56.0	53.7	117.3	9 000	15 600 *					56.0
58.0	51.3	115.7	8 400	14 500 *	57.8	117.9	5 400	17 200 *	58.0
60.0	48.8	114.0	7 800	13 400 *	55.6	116.6	5 000	16 200 *	60.0
62.0	46.3	112.1	7 300	12 400 *	53.2	115.2	4 600	15 300 *	62.0
64.0	43.6	110.1	6 800	11 500 *	50.8	113.6	4 200	14 300 *	64.0
66.0	40.8	107.9	6 400	10 700 *	48.4	111.9	3 800	13 200 *	66.0
68.0	37.8	105.4	6 000	9 900 *	45.8	110.0	3 500	12 200 *	68.0
70.0	34.6	102.6	5 600	9 200 *	43.1	107.9	3 100	11 400 *	70.0
72.0	31.0	99.5	5 200	8 600 *	40.2	105.6	2 800	10 600 *	72.0
74.0	27.1	95.8	4 800	8 000 *	37.2	103.1	2 600	9 800 *	74.0
76.0	22.6	91.4	4 500	7 500 *	33.9	100.3	2 300	9 100 *	76.0
78.0	16.9	85.8	4 100	7 000 *	30.4	97.0	2 000	8 500 *	78.0
80.0					26.3	93.3	1 800	7 900 *	80.0
82.0					21.7	88.7	1 500	7 400 *	82.0
84.0					15.7	82.6	1 300	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  
 102 060 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	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	
24.4	64.6	94.8	42 200 <b>b</b>	73 800 * <b>b</b>									24.4
26.0	59.6	93.9	39 100 <b>b</b>	66 100 * <b>b</b>									26.0
28.0	53.1	92.5	35 800 <b>b</b>	54 900 * <b>b</b>									28.0
30.0	45.9	90.7	32 900	47 000 *									30.0
32.0	37.7	88.4	30 400	40 900 *									32.0
34.0					54.0	91.3	23 200 <b>b</b>	56 900 * <b>b</b>					34.0
36.0					47.0	89.6	21 500	48 000 *					36.0
38.0					38.9	87.4	20 100	41 600 *					38.0
40.0					29.0	84.3	18 700	36 700 *	54.5	89.4	14 600 <b>b</b>	45 100 <b>b</b>	40.0
42.0									47.4	87.7	13 600	42 600	42.0
44.0									39.5	85.6	12 800	40 300	44.0
46.0									29.7	82.5	11 900	37 100 *	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  
 102 060 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	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		
24.4	68.0	98.1	41 800 <b>b</b>	70 800 * <b>b</b>										24.4
26.0	63.8	97.4	38 700 <b>b</b>	66 600 * <b>b</b>										26.0
28.0	58.3	96.2	35 400 <b>b</b>	55 300 * <b>b</b>										28.0
30.0	52.6	94.8	32 500	47 200 *										30.0
32.0	46.3	93.0	30 100	41 100 *										32.0
34.0					59.1	95.0	22 700 <b>b</b>	56 700 * <b>b</b>						34.0
36.0					53.4	93.6	21 100	48 200 *						36.0
38.0					47.2	91.9	19 700	41 800 *						38.0
40.0					40.3	89.7	18 400	36 800 *						40.0
42.0					32.2	86.9	17 200	32 800 *	53.8	91.7	13 200	42 300		42.0
44.0					21.4	82.8	16 100	29 500 *	47.6	90.0	12 400	40 000		44.0
46.0									40.8	87.9	11 500	37 300 *		46.0
48.0									32.8	85.2	10 800	33 100 *		48.0
50.0									22.2	81.2	10 100	29 700 *		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  
 102 060 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	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	
25.9	67.1	100.8	38 600 <b>b</b>	63 700 * <b>b</b>									25.9
26.0	66.9	100.8	38 400 <b>b</b>	63 400 * <b>b</b>									26.0
28.0	62.2	99.8	35 100 <b>b</b>	56 400 * <b>b</b>									28.0
30.0	57.3	98.6	32 300	47 600 *									30.0
32.0	52.2	97.1	29 800	41 400 *									32.0
34.0													34.0
36.0					58.0	97.3	20 900	48 800 *					36.0
38.0					52.9	95.9	19 400	42 200 *					38.0
40.0					47.4	94.2	18 100	37 100 *					40.0
42.0					41.4	92.1	17 000	33 000 *					42.0
44.0					34.4	89.4	15 900	29 600 *	53.3	94.0	12 100	39 800	44.0
46.0					25.9	85.9	14 900	26 800 *	47.8	92.4	11 300	37 500	46.0
48.0									41.8	90.3	10 600	33 300 *	48.0
50.0									34.9	87.7	9 900	29 900 *	50.0
52.0									26.5	84.2	9 300	27 000 *	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  
 102 060 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	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	
27.4	66.4	103.5	35 600	56 800 *									27.4
28.0	65.2	103.2	34 800	54 900 *									28.0
30.0	61.0	102.2	32 000	47 800 *									30.0
32.0	56.5	100.9	29 500	41 300 *									32.0
34.0													34.0
36.0													36.0
38.0					57.2	99.7	19 000	42 200 *					38.0
40.0					52.5	98.2	17 800	37 000 *					40.0
42.0					47.6	96.5	16 600	32 900 *					42.0
44.0					42.2	94.4	15 600	29 500 *					44.0
46.0					36.1	91.9	14 600	26 700 *	52.9	96.4	10 900	37 200	46.0
48.0					29.0	88.7	13 700	24 300 *	47.9	94.7	10 200	33 200 *	48.0
50.0					19.6	84.1	12 900	22 200 *	42.6	92.6	9 500	29 800 *	50.0
52.0									36.6	90.1	8 900	26 900 *	52.0
54.0									29.5	87.0	8 300	24 500 *	54.0
56.0									20.3	82.5	7 800	22 400 *	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  
 102 060 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	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	
29.0	65.8	106.1	33 100	52 600 *									29.0
30.0	63.8	105.6	31 700	48 800 *									30.0
32.0	59.9	104.5	29 200	42 200 *									32.0
34.0	55.9	103.2	27 000	37 200 *									34.0
36.0													36.0
38.0													38.0
40.0					56.5	102.0	17 500	37 800 *					40.0
42.0					52.2	100.5	16 300	33 600 *					42.0
44.0					47.7	98.8	15 300	30 200 *					44.0
46.0					42.8	96.8	14 300	27 300 *	56.7	100.1	10 600	37 100	46.0
48.0					37.5	94.3	13 500	24 800 *	52.5	98.7	9 900	34 100 *	48.0
50.0					31.3	91.3	12 600	22 700 *	48.0	97.0	9 200	30 400 *	50.0
52.0					23.7	87.4	11 900	20 900 *	43.2	94.9	8 600	27 500 *	52.0
54.0									37.8	92.6	8 100	25 000 *	54.0
56.0									31.7	89.6	7 500	22 900 *	56.0
58.0									24.3	85.7	7 000	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  
 102 060 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	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		
29.0	68.0	109.5	32 700	48 200 *										29.0
30.0	66.2	109.0	31 300	47 400 *										30.0
32.0	62.7	108.0	28 800	42 500 *										32.0
34.0	59.1	106.9	26 700	37 300 *										34.0
36.0														36.0
38.0														38.0
40.0					59.6	105.6	17 100	38 000 *						40.0
42.0					55.9	104.3	16 000	33 700 *						42.0
44.0					52.0	102.8	14 900	30 200 *						44.0
46.0					47.8	101.1	14 000	27 200 *						46.0
48.0					43.4	99.1	13 100	24 800 *	56.1	102.4	9 500	34 000 *		48.0
50.0					38.5	96.7	12 300	22 600 *	52.2	101.0	8 800	30 400 *		50.0
52.0					33.1	93.9	11 600	20 800 *	48.1	99.3	8 200	27 500 *		52.0
54.0					26.7	90.3	10 900	19 200 *	43.7	97.3	7 700	24 900 *		54.0
56.0					18.3	85.4	10 200	17 700 *	38.9	94.9	7 200	22 800 *		56.0
58.0									33.5	92.2	6 700	20 900 *		58.0
60.0									27.2	88.6	6 300	19 300 *		60.0
62.0									19.0	83.8	5 800	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  
 102 060 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	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	
30.5	67.4	112.1	30 500	43 900 *									30.5
32.0	65.0	111.4	28 700	42 400 *									32.0
34.0	61.7	110.4	26 600	37 200 *									34.0
36.0													36.0
38.0													38.0
40.0					62.2	109.1	16 900	38 000 *					40.0
42.0					58.8	108.0	15 800	33 600 *					42.0
44.0					55.4	106.6	14 800	30 100 *					44.0
46.0					51.7	105.1	13 800	27 200 *					46.0
48.0					47.9	103.4	13 000	24 700 *					48.0
50.0					43.8	101.4	12 200	22 600 *	55.6	104.8	8 700	30 400 *	50.0
52.0					39.4	99.1	11 500	20 700 *	52.0	103.3	8 100	27 400 *	52.0
54.0					34.6	96.4	10 800	19 100 *	48.2	101.6	7 600	24 900 *	54.0
56.0					29.0	93.1	10 200	17 700 *	44.1	99.6	7 100	22 700 *	56.0
58.0					22.1	88.8	9 600	16 400 *	39.7	97.3	6 600	20 900 *	58.0
60.0									34.9	94.6	6 100	19 200 *	60.0
62.0									29.4	91.4	5 700	17 800 *	62.0
64.0									22.7	87.2	5 300	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  
 102 060 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	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	
41.1	62.6	112.0	15 900	35 100 *					41.1
42.0	61.3	111.5	15 400	33 500 *					42.0
44.0	58.2	110.3	14 400	29 900 *					44.0
46.0	54.9	109.0	13 500	27 000 *					46.0
48.0	51.5	107.4	12 700	24 500 *					48.0
50.0	48.0	105.7	11 900	22 400 *					50.0
52.0	44.2	103.7	11 100	20 500 *	55.1	107.1	7 700	27 200 *	52.0
54.0	40.2	101.5	10 500	18 900 *	51.8	105.6	7 200	24 700 *	54.0
56.0	35.8	98.9	9 900	17 500 *	48.2	103.9	6 700	22 500 *	56.0
58.0	30.8	95.8	9 300	16 200 *	44.5	101.9	6 200	20 600 *	58.0
60.0	25.0	91.9	8 700	15 000 *	40.5	99.7	5 800	19 000 *	60.0
62.0	17.3	86.6	8 200	14 000 *	36.1	97.1	5 400	17 500 *	62.0
64.0					31.2	94.0	5 000	16 300 *	64.0
66.0					25.4	90.2	4 600	15 100 *	66.0
68.0					17.9	85.1	4 300	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  
 102 060 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	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	
42.7	62.4	114.6	14 700	32 800 *					42.7
44.0	60.5	113.9	14 100	30 500 *					44.0
46.0	57.6	112.6	13 200	27 500 *					46.0
48.0	54.5	111.3	12 300	24 900 *					48.0
50.0	51.4	109.7	11 600	22 700 *					50.0
52.0	48.1	108.0	10 900	20 800 *					52.0
54.0	44.6	106.1	10 200	19 200 *	54.7	109.4	6 900	25 100 *	54.0
56.0	40.8	103.9	9 600	17 700 *	51.6	107.9	6 400	22 800 *	56.0
58.0	36.8	101.3	9 000	16 400 *	48.3	106.2	5 900	21 000 *	58.0
60.0	32.3	98.4	8 500	15 200 *	44.8	104.2	5 500	19 300 *	60.0
62.0	27.2	94.8	8 000	14 100 *	41.1	102.0	5 100	17 800 *	62.0
64.0	20.9	90.2	7 500	13 200 *	37.1	99.5	4 700	16 500 *	64.0
66.0					32.6	96.6	4 400	15 300 *	66.0
68.0					27.5	93.1	4 000	14 200 *	68.0
70.0					21.4	88.6	3 700	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  
 102 060 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	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	
44.2	62.3	117.2	13 600	29 900 *					44.2
46.0	59.8	116.2	12 800	27 200 *					46.0
48.0	57.1	115.0	12 000	24 700 *					48.0
50.0	54.2	113.6	11 200	22 500 *					50.0
52.0	51.2	112.0	10 500	20 600 *					52.0
54.0	48.1	110.3	9 900	18 900 *					54.0
56.0	44.8	108.4	9 300	17 400 *	54.4	111.7	6 000	22 600 *	56.0
58.0	41.4	106.2	8 700	16 100 *	51.4	110.2	5 600	20 700 *	58.0
60.0	37.7	103.7	8 100	15 000 *	48.3	108.5	5 100	19 000 *	60.0
62.0	33.6	100.9	7 600	13 900 *	45.1	106.5	4 700	17 500 *	62.0
64.0	29.0	97.6	7 200	12 900 *	41.6	104.4	4 400	16 200 *	64.0
66.0	23.6	93.4	6 700	12 100 *	37.9	101.9	4 000	15 000 *	66.0
68.0	16.6	87.8	6 300	11 300 *	33.9	99.1	3 700	14 000 *	68.0
70.0					29.3	95.8	3 400	13 000 *	70.0
72.0					24.0	91.8	3 100	12 100 *	72.0
74.0					17.1	86.3	2 800	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  
 102 060 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	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	
45.7	62.1	119.9	12 800	27 500 *					45.7
46.0	61.8	119.7	12 700	27 100 *					46.0
48.0	59.2	118.6	11 800	24 600 *					48.0
50.0	56.6	117.3	11 100	22 300 *					50.0
52.0	53.9	115.9	10 400	20 400 *					52.0
54.0	51.1	114.3	9 700	18 800 *					54.0
56.0	48.2	112.6	9 100	17 300 *					56.0
58.0	45.1	110.7	8 500	16 000 *	54.1	114.0	5 400	20 600 *	58.0
60.0	41.9	108.6	8 000	14 800 *	51.3	112.5	5 000	18 900 *	60.0
62.0	38.4	106.1	7 500	13 700 *	48.4	110.8	4 600	17 400 *	62.0
64.0	34.6	103.4	7 100	12 800 *	45.3	108.9	4 200	16 100 *	64.0
66.0	30.5	100.2	6 600	12 000 *	42.1	106.7	3 900	14 900 *	66.0
68.0	25.7	96.4	6 200	11 100 *	38.6	104.3	3 600	13 800 *	68.0
70.0	19.9	91.5	5 800	10 400 *	34.9	101.6	3 200	12 900 *	70.0
72.0					30.8	98.5	2 900	12 000 *	72.0
74.0					26.1	94.7	2 700	11 200 *	74.0
76.0					20.3	89.9	2 400	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  
 102 060 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	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	
47.2	62.0	122.5	11 800	25 200 *					47.2
48.0	61.1	122.1	11 500	24 300 *					48.0
50.0	58.7	120.9	10 700	22 100 *					50.0
52.0	56.2	119.6	10 000	20 200 *					52.0
54.0	53.6	118.2	9 400	18 500 *					54.0
56.0	51.0	116.6	8 800	17 000 *					56.0
58.0	48.2	114.9	8 200	15 700 *	56.4	117.8	5 000	20 300 *	58.0
60.0	45.3	113.0	7 700	14 600 *	53.8	116.3	4 600	18 600 *	60.0
62.0	42.3	110.9	7 200	13 500 *	51.2	114.8	4 200	17 200 *	62.0
64.0	39.1	108.5	6 800	12 600 *	48.4	113.1	3 900	15 800 *	64.0
66.0	35.6	105.9	6 300	11 700 *	45.5	111.2	3 500	14 700 *	66.0
68.0	31.8	102.8	5 900	10 900 *	42.5	109.1	3 200	13 600 *	68.0
70.0	27.5	99.2	5 500	10 200 *	39.3	106.7	2 900	12 600 *	70.0
72.0	22.5	94.9	5 100	9 500 *	35.8	104.1	2 600	11 800 *	72.0
74.0	16.0	89.0	4 700	8 900 *	32.0	101.1	2 300	11 000 *	74.0
76.0					27.8	97.5	2 100	10 200 *	76.0
78.0					22.8	93.2	1 800	9 600 *	78.0
80.0					16.5	87.5	1 600	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  
 102 060 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	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	
48.8	61.9	125.2	10 900	21 900 *					48.8
50.0	60.5	124.5	10 400	21 300 *					50.0
52.0	58.2	123.3	9 700	20 300 *					52.0
54.0	55.8	122.0	9 100	18 600 *					54.0
56.0	53.4	120.5	8 500	17 000 *					56.0
58.0	50.9	118.9	8 000	15 700 *					58.0
60.0	48.3	117.2	7 400	14 500 *	56.0	120.1	4 300	18 700 *	60.0
62.0	45.5	115.3	7 000	13 400 *	53.6	118.6	3 900	17 200 *	62.0
64.0	42.7	113.2	6 500	12 500 *	51.0	117.1	3 600	15 800 *	64.0
66.0	39.6	110.9	6 100	11 600 *	48.4	115.4	3 200	14 600 *	66.0
68.0	36.4	108.3	5 700	10 800 *	45.7	113.5	2 900	13 500 *	68.0
70.0	32.9	105.4	5 300	10 100 *	42.9	111.4	2 600	12 500 *	70.0
72.0	29.0	102.0	4 900	9 300 *	39.8	109.1	2 300	11 600 *	72.0
74.0	24.5	97.9	4 500	8 700 *	36.6	106.5	2 100	10 800 *	74.0
76.0	19.1	92.8	4 200	8 100 *	33.1	103.6	1 800	10 100 *	76.0
78.0					29.3	100.3	1 500	9 400 *	78.0
80.0					24.8	96.3	1 300	8 800 *	80.0
82.0					19.5	91.3	1 100	8 200 *	82.0



# 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  
 102 060 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	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	
50.3	61.8	127.8	10 000	19 300 *					50.3
52.0	60.0	126.8	9 400	18 400 *					52.0
54.0	57.8	125.6	8 700	17 400 *					54.0
56.0	55.5	124.3	8 100	16 400 *					56.0
58.0	53.2	122.8	7 600	15 400 *					58.0
60.0	50.8	121.2	7 100	14 300 *					60.0
62.0	48.3	119.5	6 600	13 200 *	55.7	122.4	3 600	16 200 *	62.0
64.0	45.7	117.6	6 200	12 200 *	53.3	121.0	3 200	15 300 *	64.0
66.0	43.0	115.6	5 700	11 300 *	50.9	119.4	2 900	14 400 *	66.0
68.0	40.1	113.3	5 300	10 500 *	48.5	117.7	2 600	13 300 *	68.0
70.0	37.1	110.7	5 000	9 800 *	45.9	115.8	2 300	12 300 *	70.0
72.0	33.8	107.9	4 600	9 100 *	43.2	113.7	2 000	11 400 *	72.0
74.0	30.3	104.6	4 200	8 500 *	40.3	111.5	1 700	10 600 *	74.0
76.0	26.2	100.9	3 900	7 900 *	37.3	108.9	1 500	9 900 *	76.0
78.0	21.5	96.3	3 600	7 400 *	34.1	106.1	1 200	9 200 *	78.0
80.0	15.5	90.2	3 300	6 800 *	30.5	102.9	1 000	8 500 *	80.0
82.0					26.5	99.2	800	7 900 *	82.0
84.0					21.9	94.6	600	7 400 *	84.0
86.0					16.0	88.7	300	6 900 *	86.0



# 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  
 102 060 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	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	
25.9	63.2	100.6	38 200 <b>b</b>	65 200 * <b>b</b>									25.9
26.0	62.9	100.5	38 100 <b>b</b>	65 000 * <b>b</b>									26.0
28.0	56.6	99.3	34 800 <b>b</b>	59 900 * <b>b</b>									28.0
30.0	49.8	97.7	32 000	51 500 *									30.0
32.0	42.2	95.7	29 600	44 100 *									32.0
34.0	33.2	93.0	27 400	38 700 *	59.2	98.3	21 800 <b>b</b>	57 200 <b>b</b>					34.0
36.0					52.6	96.9	20 300	53 400					36.0
38.0					45.4	95.1	18 900	46 900 *					38.0
40.0					37.0	92.7	17 600	40 700 *					40.0
42.0					26.5	89.3	16 500	35 900 *	54.8	95.2	12 200 <b>b</b>	41 400 <b>b</b>	42.0
44.0									47.8	93.6	11 400	39 200	44.0
46.0									39.8	91.4	10 600	37 100	46.0
48.0									30.2	88.4	9 900	35 300	48.0
50.0									15.8	83.5	9 200	33 100	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  
 102 060 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	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		
25.9	66.8	103.9	37 800 <b>b</b>	62 600 * <b>b</b>										25.9
26.0	66.5	103.9	37 700 <b>b</b>	62 500 * <b>b</b>										26.0
28.0	61.2	102.9	34 500 <b>b</b>	58 500 * <b>b</b>										28.0
30.0	55.7	101.6	31 700	52 000 *										30.0
32.0	49.7	100.0	29 300	44 400 *										32.0
34.0	43.1	98.1	27 100	38 800 *										34.0
36.0	35.5	95.5	25 200	34 400 *	57.9	100.6	19 900	53 300						36.0
38.0					52.1	99.2	18 500	47 100						38.0
40.0					45.8	97.4	17 300	40 900 *						40.0
42.0					38.7	95.1	16 200	36 100 *						42.0
44.0					30.2	92.1	15 100	32 200 *	54.0	97.5	11 000	38 800		44.0
46.0									47.9	95.9	10 200	36 800		46.0
48.0									41.1	93.8	9 500	35 000		48.0
50.0									33.1	91.0	8 900	33 100		50.0
52.0									22.8	87.1	8 300	29 900 *		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  
 102 060 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	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	
27.4	66.0	106.6	35 000 <b>b</b>	57 600 * <b>b</b>									27.4
28.0	64.7	106.3	34 200 <b>b</b>	56 600 * <b>b</b>									28.0
30.0	60.0	105.2	31 400	51 800 *									30.0
32.0	55.0	103.9	29 000	44 500 *									32.0
34.0	49.6	102.3	26 900	38 900 *									34.0
36.0	43.8	100.4	25 000	34 500 *									36.0
38.0					57.0	102.9	18 200	47 200					38.0
40.0					51.8	101.5	17 000	41 000 *					40.0
42.0					46.2	99.7	15 900	36 100 *					42.0
44.0					40.0	97.5	14 900	32 200 *					44.0
46.0					32.8	94.7	14 000	29 000 *	53.5	99.8	9 900	36 600	46.0
48.0					23.7	90.8	13 100	26 300 *	48.0	98.2	9 300	34 800	48.0
50.0									42.0	96.1	8 700	33 100	50.0
52.0									35.2	93.5	8 100	30 000 *	52.0
54.0									26.9	90.1	7 600	27 100 *	54.0
56.0									14.7	84.6	7 000	24 700 *	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  
 102 060 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	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		
29.0	65.4	109.3	32 400	53 100 *										29.0
30.0	63.2	108.7	31 100	51 200 *										30.0
32.0	58.9	107.6	28 700	44 900 *										32.0
34.0	54.4	106.2	26 600	39 200 *										34.0
36.0	49.5	104.6	24 700	34 600 *										36.0
38.0	44.3	102.7	23 100	31 000 *										38.0
40.0					56.2	105.3	16 600	41 300 *						40.0
42.0					51.5	103.8	15 500	36 300 *						42.0
44.0					46.5	102.0	14 500	32 400 *						44.0
46.0					41.0	99.8	13 600	29 100 *						46.0
48.0					34.7	97.2	12 800	26 300 *	53.1	102.1	8 800	34 500		48.0
50.0					27.3	93.8	12 000	24 000 *	48.1	100.5	8 200	32 800		50.0
52.0									42.8	98.4	7 700	30 100 *		52.0
54.0									36.8	96.0	7 200	27 200 *		54.0
56.0									29.8	92.8	6 700	24 700 *		56.0
58.0									20.8	88.5	6 200	22 600 *		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  
 102 060 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	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	
29.0	67.8	112.6	32 100	50 900 *									29.0
30.0	65.9	112.1	30 700	49 700 *									30.0
32.0	62.0	111.1	28 300	45 900 *									32.0
34.0	58.1	109.9	26 300	40 000 *									34.0
36.0	53.9	108.6	24 400	35 400 *									36.0
38.0	49.5	106.9	22 800	31 600 *									38.0
40.0					59.7	108.9	16 300	42 300 *					40.0
42.0					55.6	107.6	15 200	37 100 *					42.0
44.0					51.3	106.1	14 200	33 100 *					44.0
46.0					46.7	104.3	13 300	29 700 *					46.0
48.0					41.8	102.2	12 500	26 900 *					48.0
50.0					36.2	99.7	11 800	24 500 *	52.7	104.5	7 900	32 600	50.0
52.0					29.9	96.5	11 000	22 400 *	48.2	102.8	7 400	30 800 *	52.0
54.0					21.8	92.2	10 300	20 600 *	43.4	100.8	6 900	27 700 *	54.0
56.0									38.1	98.4	6 400	25 200 *	56.0
58.0									32.0	95.5	6 000	23 100 *	58.0
60.0									24.7	91.7	5 500	21 200 *	60.0
62.0									13.9	85.7	5 100	19 500 *	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  
 102 060 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	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		
30.5	67.2	115.3	29 800	46 100 *										30.5
32.0	64.5	114.6	28 000	45 000 *										32.0
34.0	61.0	113.5	25 900	39 900 *										34.0
36.0	57.3	112.3	24 100	35 200 *										36.0
38.0	53.5	110.9	22 400	31 500 *										38.0
40.0														40.0
42.0					58.8	111.2	14 800	37 100 *						42.0
44.0					55.1	109.9	13 800	32 900 *						44.0
46.0					51.1	108.4	12 900	29 500 *						46.0
48.0					46.9	106.6	12 200	26 700 *						48.0
50.0					42.4	104.5	11 400	24 300 *						50.0
52.0					37.5	102.1	10 700	22 200 *	52.4	106.8	7 000	30 600 *		52.0
54.0					31.9	99.1	10 000	20 400 *	48.3	105.1	6 500	27 600 *		54.0
56.0					25.2	95.3	9 500	18 800 *	43.9	103.1	6 000	25 000 *		56.0
58.0									39.1	100.8	5 600	22 900 *		58.0
60.0									33.7	98.0	5 200	21 000 *		60.0
62.0									27.5	94.5	4 800	19 400 *		62.0
64.0									19.4	89.8	4 400	17 900 *		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  
 102 060 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	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	66.6	117.9	27 800	42 000 *									32.0
34.0	63.4	117.0	25 800	40 200 *									34.0
36.0	60.1	115.9	23 900	35 200 *									36.0
38.0	56.7	114.6	22 300	31 400 *									38.0
40.0													40.0
42.0					61.5	114.8	14 700	37 000 *					42.0
44.0					58.1	113.6	13 700	32 800 *					44.0
46.0					54.6	112.2	12 800	29 500 *					46.0
48.0					50.9	110.7	12 000	26 600 *					48.0
50.0					47.1	108.9	11 300	24 200 *					50.0
52.0					42.9	106.9	10 600	22 200 *	55.7	110.5	6 800	30 500	52.0
54.0					38.5	104.5	10 000	20 400 *	52.1	109.1	6 300	27 500 *	54.0
56.0					33.5	101.7	9 400	18 800 *	48.3	107.4	5 900	25 000 *	56.0
58.0					27.7	98.2	8 800	17 400 *	44.3	105.4	5 500	22 800 *	58.0
60.0					20.4	93.6	8 200	16 100 *	39.9	103.2	5 100	20 900 *	60.0
62.0									35.1	100.5	4 700	19 300 *	62.0
64.0									29.6	97.3	4 400	17 800 *	64.0
66.0									23.0	93.1	4 000	16 500 *	66.0
68.0									13.4	86.8	3 600	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  
 102 060 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	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	66.2	120.6	25 900	37 600 *									33.5
34.0	65.5	120.4	25 400	37 400 *									34.0
36.0	62.5	119.4	23 600	35 400 *									36.0
38.0	59.4	118.2	22 000	31 600 *									38.0
40.0	56.2	116.9	20 500	28 300 *									40.0
42.0													42.0
44.0					60.6	117.1	13 300	33 000 *					44.0
46.0					57.5	115.9	12 400	29 600 *					46.0
48.0					54.2	114.5	11 700	26 700 *					48.0
50.0					50.8	113.0	10 900	24 200 *					50.0
52.0					47.2	111.2	10 200	22 100 *					52.0
54.0					43.4	109.2	9 600	20 300 *	55.3	112.9	6 000	27 600 *	54.0
56.0					39.3	106.9	9 000	18 700 *	51.9	111.4	5 500	25 000 *	56.0
58.0					34.8	104.2	8 500	17 300 *	48.4	109.7	5 100	22 800 *	58.0
60.0					29.7	100.9	8 000	16 000 *	44.6	107.7	4 700	20 900 *	60.0
62.0					23.6	96.8	7 500	14 900 *	40.6	105.5	4 300	19 200 *	62.0
64.0					15.2	91.0	7 000	13 800 *	36.3	103.0	4 000	17 700 *	64.0
66.0									31.4	99.9	3 700	16 400 *	66.0
68.0									25.7	96.1	3 300	15 200 *	68.0
70.0									18.3	91.1	3 000	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  
 102 060 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	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	67.8	123.9	25 600	35 800 *									33.5
34.0	67.2	123.7	25 100	35 600 *									34.0
36.0	64.4	122.8	23 300	34 700 *									36.0
38.0	61.6	121.7	21 700	31 900 *									38.0
40.0	58.7	120.6	20 200	28 600 *									40.0
42.0	55.7	119.3	18 900	25 800 *									42.0
44.0													44.0
46.0					59.9	119.5	12 100	29 800 *					46.0
48.0					56.9	118.3	11 400	26 900 *					48.0
50.0					53.9	116.8	10 600	24 400 *					50.0
52.0					50.7	115.3	10 000	22 300 *					52.0
54.0					47.3	113.5	9 300	20 500 *					54.0
56.0					43.8	111.5	8 700	18 800 *	54.9	115.2	5 200	25 200 *	56.0
58.0					40.0	109.2	8 200	17 400 *	51.7	113.7	4 800	22 900 *	58.0
60.0					35.9	106.6	7 700	16 100 *	48.4	112.0	4 400	21 000 *	60.0
62.0					31.3	103.6	7 200	15 000 *	45.0	110.0	4 000	19 300 *	62.0
64.0					26.0	99.8	6 800	13 900 *	41.2	107.9	3 700	17 800 *	64.0
66.0					19.3	94.9	6 300	13 000 *	37.2	105.4	3 400	16 500 *	66.0
68.0									32.8	102.5	3 100	15 300 *	68.0
70.0									27.8	99.0	2 800	14 200 *	70.0
72.0									21.7	94.5	2 500	13 300 *	72.0
74.0									13.0	87.9	2 200	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  
 102 060 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	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	
35.1	67.4	126.6	23 800	32 700 *									35.1
36.0	66.2	126.1	23 000	32 300 *									36.0
38.0	63.5	125.2	21 300	31 500 *									38.0
40.0	60.9	124.1	19 900	28 300 *									40.0
42.0	58.1	122.9	18 600	25 600 *									42.0
44.0	55.3	121.6	17 400	23 300 *									44.0
46.0					62.0	123.0	11 800	29 600 *					46.0
48.0					59.2	121.9	11 000	26 700 *					48.0
50.0					56.5	120.6	10 300	24 200 *					50.0
52.0					53.6	119.2	9 600	22 000 *					52.0
54.0					50.6	117.6	9 000	20 200 *					54.0
56.0					47.4	115.8	8 400	18 600 *					56.0
58.0					44.1	113.8	7 900	17 100 *	54.5	117.5	4 400	22 700 *	58.0
60.0					40.6	111.6	7 300	15 900 *	51.5	116.0	4 000	20 800 *	60.0
62.0					36.8	109.1	6 900	14 700 *	48.5	114.3	3 700	19 100 *	62.0
64.0					32.6	106.1	6 400	13 700 *	45.2	112.4	3 300	17 600 *	64.0
66.0					27.9	102.6	6 000	12 800 *	41.8	110.2	3 000	16 300 *	66.0
68.0					22.3	98.3	5 600	11 900 *	38.1	107.8	2 700	15 100 *	68.0
70.0					14.7	92.1	5 200	11 100 *	34.0	105.0	2 500	14 000 *	70.0
72.0									29.5	101.7	2 200	13 100 *	72.0
74.0									24.2	97.7	1 900	12 100 *	74.0
76.0									17.5	92.3	1 700	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  
 102 060 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	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	
36.6	66.9	129.2	22 300	29 900 *									36.6
38.0	65.2	128.6	21 200	29 400 *									38.0
40.0	62.8	127.6	19 700	28 300 *									40.0
42.0	60.2	126.5	18 400	25 500 *									42.0
44.0	57.6	125.3	17 200	23 200 *									44.0
46.0													46.0
48.0					61.2	125.4	10 800	26 500 *					48.0
50.0					58.7	124.2	10 100	24 100 *					50.0
52.0					56.0	122.9	9 400	21 900 *					52.0
54.0					53.3	121.5	8 800	20 000 *					54.0
56.0					50.5	119.9	8 200	18 400 *					56.0
58.0					47.5	118.1	7 700	17 000 *	56.9	121.2	4 200	22 600 *	58.0
60.0					44.4	116.1	7 200	15 700 *	54.2	119.8	3 800	20 700 *	60.0
62.0					41.2	114.0	6 700	14 600 *	51.4	118.3	3 500	19 000 *	62.0
64.0					37.6	111.5	6 300	13 600 *	48.5	116.6	3 200	17 500 *	64.0
66.0					33.8	108.7	5 900	12 600 *	45.4	114.7	2 900	16 100 *	66.0
68.0					29.5	105.4	5 500	11 800 *	42.2	112.6	2 600	15 000 *	68.0
70.0					24.6	101.4	5 100	11 000 *	38.8	110.2	2 300	13 900 *	70.0
72.0					18.5	96.2	4 700	10 300 *	35.1	107.5	2 000	12 900 *	72.0
74.0									31.0	104.3	1 800	12 000 *	74.0
76.0									26.3	100.6	1 500	11 200 *	76.0
78.0									20.6	95.9	1 300	10 500 *	78.0
80.0									12.7	89.0	1 000	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  
 102 060 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	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	
39.6	64.8	131.2	19 700	26 400 *									39.6
40.0	64.4	131.0	19 400	26 200 *									40.0
42.0	62.0	130.0	18 100	25 000 *									42.0
44.0	59.6	128.8	16 900	23 000 *									44.0
46.0													46.0
48.0													48.0
50.0					60.6	127.8	9 700	23 700 *					50.0
52.0					58.2	126.6	9 100	21 700 *					52.0
54.0					55.7	125.2	8 500	19 800 *					54.0
56.0					53.1	123.8	7 900	18 200 *					56.0
58.0					50.4	122.2	7 400	16 800 *					58.0
60.0					47.6	120.4	6 900	15 500 *	56.5	123.5	3 500	20 400 *	60.0
62.0					44.7	118.5	6 400	14 400 *	53.9	122.1	3 100	18 700 *	62.0
64.0					41.6	116.3	6 000	13 300 *	51.3	120.6	2 800	17 200 *	64.0
66.0					38.3	113.9	5 600	12 400 *	48.5	118.9	2 500	15 900 *	66.0
68.0					34.8	111.1	5 200	11 500 *	45.6	117.0	2 200	14 700 *	68.0
70.0					30.9	108.0	4 800	10 700 *	42.6	114.9	2 000	13 700 *	70.0
72.0					26.5	104.3	4 500	10 000 *	39.4	112.6	1 700	12 700 *	72.0
74.0					21.3	99.7	4 100	9 400 *	36.0	109.9	1 400	11 800 *	74.0
76.0					14.2	93.3	3 800	8 800 *	32.2	106.9	1 200	11 000 *	76.0
78.0									28.0	103.4	1 000	10 200 *	78.0
80.0									23.1	99.2	700	9 600 *	80.0
82.0									16.8	93.5	500	8 900 *	82.0



# 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  
 102 060 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	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	
50.3	62.0	131.1	9 300	21 500 *					50.3
52.0	60.0	130.1	8 800	20 700 *					52.0
54.0	57.7	128.9	8 200	19 700 *					54.0
56.0	55.3	127.6	7 600	18 200 *					56.0
58.0	52.9	126.1	7 100	16 800 *					58.0
60.0	50.3	124.5	6 600	15 500 *					60.0
62.0	47.7	122.7	6 100	14 300 *	56.1	125.9	2 800	18 600 *	62.0
64.0	44.9	120.8	5 700	13 200 *	53.7	124.4	2 500	17 200 *	64.0
66.0	42.0	118.6	5 300	12 300 *	51.1	122.9	2 200	15 800 *	66.0
68.0	39.0	116.3	4 900	11 400 *	48.5	121.2	1 900	14 600 *	68.0
70.0	35.7	113.6	4 500	10 600 *	45.8	119.3	1 600	13 600 *	70.0
72.0	32.1	110.6	4 200	9 900 *	43.0	117.2	1 400	12 600 *	72.0
74.0	28.1	107.1	3 900	9 200 *	40.0	114.9	1 200	11 700 *	74.0
76.0	23.5	102.9	3 600	8 600 *	36.8	112.4	900	10 900 *	76.0
78.0	17.8	97.4	3 300	8 000 *	33.3	109.5	700	10 100 *	78.0
80.0					29.4	106.1	500	9 500 *	80.0
82.0					25.0	102.2	300	8 800 *	82.0
84.0					19.8	97.2		8 200 *	84.0
86.0					12.5	90.1		7 700 *	86.0





# 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  
 102 060 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	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	
51.8	61.9	133.7	8 500	19 000 *					51.8
52.0	61.7	133.6	8 400	18 900 *					52.0
54.0	59.5	132.5	7 800	17 900 *					54.0
56.0	57.3	131.2	7 300	17 000 *					56.0
58.0	55.0	129.9	6 700	16 100 *					58.0
60.0	52.7	128.4	6 300	15 100 *					60.0
62.0	50.3	126.8	5 800	14 000 *					62.0
64.0	47.8	125.0	5 400	13 000 *	55.7	128.2	2 100	16 100 *	64.0
66.0	45.1	123.1	5 000	12 000 *	53.4	126.7	1 800	15 200 *	66.0
68.0	42.4	121.0	4 600	11 200 *	51.0	125.2	1 600	14 300 *	68.0
70.0	39.5	118.6	4 200	10 400 *	48.6	123.5	1 300	13 300 *	70.0
72.0	36.4	116.0	3 900	9 700 *	46.0	121.6	1 000	12 300 *	72.0
74.0	33.1	113.1	3 600	9 000 *	43.3	119.5	800	11 400 *	74.0
76.0	29.5	109.8	3 300	8 400 *	40.5	117.3	600	10 600 *	76.0
78.0	25.3	105.9	3 000	7 800 *	37.5	114.8	400	9 900 *	78.0
80.0	20.4	101.0	2 700	7 200 *	34.2	112.0	100	9 200 *	80.0
82.0	13.9	94.4	2 400	6 700 *	30.7	108.8		8 600 *	82.0
84.0					26.7	105.1		8 000 *	84.0
86.0					22.1	100.6		7 400 *	86.0
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  
 102 060 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 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	
27.4	61.7	106.3	34 800 <b>b</b>	58 500 * <b>b</b>									27.4
28.0	60.0	106.0	34 000 <b>b</b>	58 000 * <b>b</b>									28.0
30.0	53.5	104.6	31 200 <b>b</b>	55 100 * <b>b</b>									30.0
32.0	46.3	102.9	28 800	47 700 *									32.0
34.0	38.2	100.6	26 700	41 400 *									34.0
36.0	28.0	97.4	24 900	36 500 *	57.8	103.9	19 100 <b>b</b>	51 600 * <b>b</b>					36.0
38.0	11.0	91.4	23 100	32 500 *	51.1	102.4	17 800 <b>b</b>	49 300 <b>b</b>					38.0
40.0					43.7	100.5	16 600	45 700 *					40.0
42.0					35.0	98.0	15 500	39 600 *					42.0
44.0					23.7	94.3	14 500	35 000 *					44.0
46.0									48.1	99.4	9 300	36 100	46.0
48.0									40.2	97.2	8 700	34 300	48.0
50.0									30.7	94.3	8 100	32 700	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  
 102 060 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	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	
27.4	65.6	109.7	34 400 <b>b</b>	55 900 * <b>b</b>									27.4
28.0	64.1	109.5	33 600 <b>b</b>	55 500 * <b>b</b>									28.0
30.0	58.7	108.3	30 800 <b>b</b>	54 100 * <b>b</b>									30.0
32.0	52.9	106.9	28 500	47 900 *									32.0
34.0	46.7	105.2	26 400	41 500 *									34.0
36.0	39.7	103.0	24 600	36 600 *									36.0
38.0	31.4	100.1	22 900	32 600 *	56.8	106.2	17 400	48 400 *					38.0
40.0	20.2	95.8	21 400	29 300 *	50.9	104.7	16 200	45 700					40.0
42.0					44.4	102.8	15 100	39 800 *					42.0
44.0					37.1	100.4	14 100	35 200 *					44.0
46.0					28.1	97.2	13 300	31 400 *	54.3	103.3	8 900	35 700	46.0
48.0									48.2	101.7	8 300	34 000	48.0
50.0									41.4	99.6	7 700	32 300	50.0
52.0									33.5	96.9	7 200	30 800	52.0
54.0									23.3	93.0	6 700	29 400	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  
 102 060 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	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	
29.0	64.9	112.4	31 900 b	52 100 *b									29.0
30.0	62.5	111.9	30 600	51 400 *									30.0
32.0	57.6	110.7	28 200	48 500 *									32.0
34.0	52.5	109.2	26 200	42 000 *									34.0
36.0	46.9	107.5	24 300	37 000 *									36.0
38.0	40.8	105.3	22 700	32 900 *									38.0
40.0	33.8	102.6	21 200	29 500 *	55.9	108.5	15 900	44 900 *					40.0
42.0					50.7	107.0	14 900	40 400 *					42.0
44.0					44.9	105.1	13 900	35 500 *					44.0
46.0					38.6	102.8	13 000	31 700 *					46.0
48.0					31.1	99.9	12 300	28 500 *	53.7	105.6	8 000	33 700	48.0
50.0					21.3	95.7	11 500	25 900 *	48.3	104.0	7 400	32 100	50.0
52.0									42.3	101.9	6 900	30 600	52.0
54.0									35.5	99.4	6 500	29 300	54.0
56.0									27.3	96.0	6 000	27 400	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  
 102 060 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	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	
29.0	67.6	115.7	31 500 b	49 700 *b									29.0
30.0	65.5	115.3	30 200	49 100 *									30.0
32.0	61.2	114.2	27 900	48 200 *									32.0
34.0	56.8	113.0	25 800	42 000 *									34.0
36.0	52.1	111.5	24 000	36 900 *									36.0
38.0	47.2	109.8	22 400	32 800 *									38.0
40.0	41.7	107.7	20 900	29 400 *	59.7	112.2	15 500	43 200 *					40.0
42.0	35.6	105.1	19 600	26 700 *	55.3	110.9	14 500	40 700 *					42.0
44.0					50.5	109.3	13 500	35 400 *					44.0
46.0					45.4	107.5	12 700	31 600 *					46.0
48.0					39.7	105.2	11 900	28 400 *					48.0
50.0					33.3	102.4	11 100	25 800 *	53.3	107.9	7 000	31 800	50.0
52.0					25.4	98.8	10 500	23 500 *	48.4	106.3	6 500	30 300	52.0
54.0									43.0	104.3	6 000	29 000	54.0
56.0									37.1	101.8	5 600	27 200	56.0
58.0									30.2	98.7	5 200	24 800 *	58.0
60.0									21.3	94.4	4 800	22 600 *	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  
 102 060 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	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	
30.5	66.9	118.4	29 300	46 800 *									30.5
32.0	64.1	117.7	27 500	46 100 *									32.0
34.0	60.2	116.6	25 500	43 300 *									34.0
36.0	56.1	115.3	23 700	37 700 *									36.0
38.0	51.9	113.8	22 100	33 500 *									38.0
40.0	47.3	112.1	20 600	30 100 *									40.0
42.0	42.4	110.0	19 300	27 200 *	58.8	114.5	14 100	40 100 *					42.0
44.0	37.0	107.6	18 200	24 800 *	54.7	113.2	13 200	36 300 *					44.0
46.0					50.4	111.6	12 400	32 300 *					46.0
48.0					45.7	109.8	11 600	29 100 *					48.0
50.0					40.6	107.6	10 800	26 400 *					50.0
52.0					35.0	104.9	10 200	24 000 *	52.9	110.2	6 200	30 000	52.0
54.0					28.3	101.6	9 500	22 000 *	48.4	108.6	5 700	28 700	54.0
56.0					19.7	97.0	9 000	20 300 *	43.6	106.6	5 300	27 400	56.0
58.0									38.3	104.2	4 900	25 300 *	58.0
60.0									32.3	101.3	4 500	23 100 *	60.0
62.0									25.0	97.6	4 200	21 300 *	62.0
64.0									14.6	91.8	3 800	19 600 *	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  
 102 060 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	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	66.4	121.1	27 200	43 900 *									32.0
34.0	62.9	120.1	25 200	42 700 *									34.0
36.0	59.3	118.9	23 400	38 200 *									36.0
38.0	55.5	117.6	21 800	33 700 *									38.0
40.0	51.6	116.1	20 300	30 200 *									40.0
42.0	47.5	114.4	19 100	27 300 *									42.0
44.0	43.0	112.4	17 800	24 800 *	58.0	116.9	12 800	36 400 *					44.0
46.0					54.2	115.5	12 000	32 500 *					46.0
48.0					50.2	113.9	11 200	29 200 *					48.0
50.0					46.0	112.1	10 500	26 400 *					50.0
52.0					41.4	109.9	9 900	24 000 *	56.4	114.0	5 800	29 700	52.0
54.0					36.3	107.4	9 200	22 000 *	52.6	112.6	5 300	28 400	54.0
56.0					30.6	104.3	8 700	20 200 *	48.5	110.9	4 900	27 100	56.0
58.0					23.5	100.3	8 100	18 700 *	44.1	108.9	4 500	25 300 *	58.0
60.0									39.3	106.6	4 200	23 100 *	60.0
62.0									34.0	103.9	3 800	21 200 *	62.0
64.0									27.8	100.4	3 500	19 600 *	64.0
66.0									19.8	95.8	3 100	18 100 *	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  
 102 060 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	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	65.9	123.7	25 400	39 900 *									33.5
34.0	65.1	123.5	25 000	39 600 *									34.0
36.0	61.9	122.5	23 200	37 700 *									36.0
38.0	58.5	121.3	21 600	33 700 *									38.0
40.0	55.1	120.0	20 200	30 100 *									40.0
42.0	51.4	118.4	18 900	27 200 *									42.0
44.0	47.6	116.7	17 700	24 700 *	60.8	120.4	12 700	36 100 *					44.0
46.0					57.4	119.2	11 900	32 400 *					46.0
48.0					53.8	117.8	11 100	29 100 *					48.0
50.0					50.1	116.2	10 400	26 300 *					50.0
52.0					46.2	114.4	9 700	24 000 *					52.0
54.0					42.0	112.3	9 100	21 900 *	55.9	116.3	5 200	28 300	54.0
56.0					37.4	109.8	8 600	20 200 *	52.3	114.9	4 700	27 000	56.0
58.0					32.3	106.9	8 000	18 600 *	48.5	113.2	4 400	25 300 *	58.0
60.0					26.3	103.2	7 500	17 200 *	44.5	111.2	4 000	23 100 *	60.0
62.0					18.5	98.3	7 100	16 000 *	40.1	109.0	3 700	21 200 *	62.0
64.0									35.3	106.4	3 400	19 500 *	64.0
66.0									29.9	103.2	3 100	18 000 *	66.0
68.0									23.3	99.1	2 800	16 700 *	68.0
70.0									14.0	92.9	2 500	15 500 *	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  
 102 060 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	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	67.7	127.0	25 100	37 000 *									33.5
34.0	67.0	126.8	24 600	36 800 *									34.0
36.0	64.1	125.9	22 900	35 900 *									36.0
38.0	61.0	124.8	21 300	33 500 *									38.0
40.0	57.9	123.6	19 900	30 000 *									40.0
42.0	54.6	122.3	18 600	27 000 *									42.0
44.0	51.3	120.7	17 400	24 500 *									44.0
46.0	47.7	119.0	16 400	22 300 *	60.0	122.8	11 500	32 300 *					46.0
48.0					56.8	121.5	10 700	28 900 *					48.0
50.0					53.5	120.1	10 000	26 100 *					50.0
52.0					50.1	118.5	9 400	23 700 *					52.0
54.0					46.4	116.7	8 800	21 700 *					54.0
56.0					42.6	114.6	8 200	19 900 *	55.4	118.7	4 300	26 700	56.0
58.0					38.4	112.2	7 700	18 400 *	52.1	117.2	4 000	25 100 *	58.0
60.0					33.8	109.4	7 200	17 000 *	48.5	115.5	3 600	22 800 *	60.0
62.0					28.5	106.0	6 800	15 800 *	44.8	113.5	3 300	21 000 *	62.0
64.0					22.1	101.7	6 300	14 700 *	40.8	111.3	3 000	19 300 *	64.0
66.0									36.5	108.8	2 700	17 800 *	66.0
68.0									31.6	105.8	2 400	16 500 *	68.0
70.0									25.9	102.1	2 100	15 300 *	70.0
72.0									18.7	97.0	1 900	14 200 *	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  
 102 060 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	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	
35.1	67.2	129.7	23 400	34 400 *									35.1
36.0	65.9	129.3	22 600	34 100 *									36.0
38.0	63.1	128.3	21 000	33 300 *									38.0
40.0	60.3	127.2	19 600	30 200 *									40.0
42.0	57.3	126.0	18 300	27 200 *									42.0
44.0	54.3	124.6	17 100	24 700 *									44.0
46.0	51.1	123.0	16 000	22 500 *	62.2	126.3	11 100	31 900 *					46.0
48.0	47.8	121.3	15 100	20 700 *	59.3	125.1	10 400	29 200 *					48.0
50.0					56.3	123.9	9 700	26 400 *					50.0
52.0					53.2	122.4	9 100	24 000 *					52.0
54.0					50.0	120.8	8 500	21 900 *					54.0
56.0					46.6	119.0	7 900	20 100 *					56.0
58.0					43.0	116.9	7 400	18 500 *	55.0	121.0	3 700	25 300	58.0
60.0					39.2	114.6	6 900	17 100 *	51.9	119.5	3 300	23 000 *	60.0
62.0					35.0	111.9	6 500	15 900 *	48.6	117.8	3 000	21 100 *	62.0
64.0					30.2	108.7	6 100	14 700 *	45.1	115.9	2 700	19 400 *	64.0
66.0					24.7	104.8	5 700	13 700 *	41.4	113.7	2 400	17 900 *	66.0
68.0					17.6	99.5	5 200	12 800 *	37.4	111.2	2 100	16 600 *	68.0
70.0									33.0	108.3	1 900	15 400 *	70.0
72.0									28.0	104.9	1 600	14 300 *	72.0
74.0									22.0	100.5	1 400	13 300 *	74.0
76.0									13.5	94.0	1 100	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  
 102 060 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	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	
36.6	66.8	132.4	21 700	31 400 *									36.6
38.0	64.9	131.7	20 600	31 000 *									38.0
40.0	62.3	130.7	19 200	30 000 *									40.0
42.0	59.6	129.6	17 900	27 000 *									42.0
44.0	56.8	128.3	16 800	24 500 *									44.0
46.0	54.0	126.9	15 700	22 300 *									46.0
48.0	51.0	125.3	14 800	20 400 *	61.4	128.7	10 000	28 600 *					48.0
50.0	47.9	123.6	13 900	18 800 *	58.7	127.5	9 300	26 200 *					50.0
52.0					55.9	126.2	8 700	23 700 *					52.0
54.0					53.0	124.7	8 100	21 700 *					54.0
56.0					49.9	123.1	7 600	19 800 *					56.0
58.0					46.8	121.3	7 000	18 300 *	57.5	124.7	3 200	24 900	58.0
60.0					43.4	119.3	6 600	16 900 *	54.6	123.3	2 900	22 800 *	60.0
62.0					39.8	117.0	6 100	15 600 *	51.7	121.8	2 600	20 800 *	62.0
64.0					36.0	114.4	5 700	14 500 *	48.6	120.1	2 300	19 100 *	64.0
66.0					31.7	111.3	5 300	13 500 *	45.4	118.2	2 000	17 700 *	66.0
68.0					26.8	107.7	4 900	12 600 *	41.9	116.0	1 800	16 300 *	68.0
70.0					20.9	103.1	4 600	11 700 *	38.2	113.6	1 500	15 100 *	70.0
72.0									34.2	110.8	1 300	14 000 *	72.0
74.0									29.7	107.6	1 000	13 100 *	74.0
76.0									24.5	103.6	800	12 200 *	76.0
78.0									17.8	98.3	600	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  
 102 060 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	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	
38.1	66.4	135.0	20 400	28 800 *									38.1
40.0	64.1	134.1	19 100	28 300 *									40.0
42.0	61.6	133.1	17 800	26 900 *									42.0
44.0	59.0	131.9	16 600	24 400 *									44.0
46.0	56.4	130.6	15 600	22 200 *									46.0
48.0	53.7	129.2	14 600	20 300 *									48.0
50.0	50.9	127.6	13 700	18 600 *	60.7	131.0	9 200	25 800 *					50.0
52.0					58.1	129.8	8 500	23 600 *					52.0
54.0					55.5	128.5	7 900	21 500 *					54.0
56.0					52.7	127.0	7 400	19 700 *					56.0
58.0					49.9	125.4	6 900	18 100 *					58.0
60.0					46.9	123.6	6 400	16 700 *	57.0	127.0	2 800	22 700 *	60.0
62.0					43.8	121.6	6 000	15 500 *	54.3	125.6	2 400	20 700 *	62.0
64.0					40.4	119.3	5 600	14 400 *	51.5	124.1	2 100	19 000 *	64.0
66.0					36.9	116.8	5 200	13 300 *	48.6	122.4	1 900	17 500 *	66.0
68.0					32.9	113.9	4 800	12 400 *	45.6	120.5	1 600	16 200 *	68.0
70.0					28.6	110.5	4 500	11 600 *	42.4	118.4	1 400	15 000 *	70.0
72.0					23.4	106.3	4 200	10 800 *	38.9	116.0	1 100	13 900 *	72.0
74.0					16.9	100.7	3 800	10 100 *	35.2	113.3	900	12 900 *	74.0
76.0									31.1	110.2	700	12 100 *	76.0
78.0									26.5	106.5	500	11 300 *	78.0
80.0									20.9	101.9	300	10 500 *	80.0
82.0									13.1	95.1	100	9 800 *	82.0



# 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  
 102 060 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, 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	
39.6	66.0	137.7	19 000	25 700 *									39.6
40.0	65.6	137.5	18 800	25 500 *									40.0
42.0	63.3	136.5	17 500	24 600 *									42.0
44.0	60.9	135.5	16 300	23 600 *									44.0
46.0	58.5	134.3	15 300	22 300 *									46.0
48.0	56.0	133.0	14 300	20 300 *									48.0
50.0	53.4	131.5	13 400	18 600 *									50.0
52.0	50.8	129.9	12 600	17 100 *	60.1	133.4	8 100	22 800 *					52.0
54.0					57.6	132.2	7 600	21 700 *					54.0
56.0					55.1	130.8	7 100	19 700 *					56.0
58.0					52.5	129.3	6 600	18 100 *					58.0
60.0					49.8	127.7	6 100	16 700 *					60.0
62.0					47.0	125.9	5 700	15 400 *	56.6	129.3	2 100	20 600 *	62.0
64.0					44.1	123.9	5 300	14 300 *	54.0	127.9	1 800	19 100 *	64.0
66.0					40.9	121.7	4 900	13 200 *	51.4	126.4	1 500	17 500 *	66.0
68.0					37.6	119.2	4 500	12 300 *	48.6	124.7	1 200	16 100 *	68.0
70.0					34.0	116.4	4 200	11 500 *	45.8	122.8	1 000	14 900 *	70.0
72.0					30.0	113.2	3 800	10 700 *	42.8	120.7	800	13 800 *	72.0
74.0					25.5	109.3	3 500	10 000 *	39.6	118.4	500	12 800 *	74.0
76.0					20.0	104.4	3 200	9 300 *	36.1	115.8	300	12 000 *	76.0
78.0									32.4	112.8	100	11 100 *	78.0
80.0									28.2	109.3		10 400 *	80.0
82.0									23.3	105.1		9 700 *	82.0
84.0									17.1	99.5		9 100 *	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  
 102 060 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, 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	
42.7	64.1	139.6	16 800	22 400 *									42.7
44.0	62.6	138.9	16 000	21 800 *									44.0
46.0	60.3	137.8	15 000	20 800 *									46.0
48.0	58.0	136.6	14 000	19 800 *									48.0
50.0	55.6	135.3	13 200	18 500 *									50.0
52.0	53.2	133.8	12 400	16 900 *	61.8	136.9	7 900	21 000 *					52.0
54.0					59.5	135.8	7 300	20 200 *					54.0
56.0					57.2	134.5	6 800	19 300 *					56.0
58.0					54.8	133.1	6 300	17 900 *					58.0
60.0					52.3	131.6	5 800	16 500 *					60.0
62.0					49.8	130.0	5 400	15 200 *					62.0
64.0					47.1	128.2	5 000	14 100 *	56.2	131.7	1 400	18 500 *	64.0
66.0					44.3	126.2	4 600	13 000 *	53.8	130.2	1 200	17 300 *	66.0
68.0					41.4	124.0	4 200	12 100 *	51.3	128.7	900	15 900 *	68.0
70.0					38.3	121.6	3 900	11 200 *	48.7	127.0	700	14 700 *	70.0
72.0					34.9	118.9	3 600	10 500 *	45.9	125.1	500	13 600 *	72.0
74.0					31.3	115.8	3 300	9 700 *	43.1	123.0	300	12 600 *	74.0
76.0					27.2	112.1	3 000	9 100 *	40.1	120.8	100	11 700 *	76.0
78.0					22.4	107.7	2 700	8 500 *	36.9	118.2		10 900 *	78.0
80.0					16.3	101.9	2 400	7 900 *	33.4	115.3		10 200 *	80.0
82.0									29.6	112.0		9 500 *	82.0
84.0									25.2	108.1		8 800 *	84.0
86.0									20.0	103.2		8 200 *	86.0
88.0									12.8	96.2		7 700 *	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  
 102 060 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, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. Meters	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	
53.3	61.9	139.6	7 100	18 700 *					53.3
54.0	61.2	139.3	6 900	18 400 *					54.0
56.0	59.0	138.1	6 400	17 500 *					56.0
58.0	56.8	136.8	5 900	16 600 *					58.0
60.0	54.5	135.5	5 500	15 700 *					60.0
62.0	52.2	134.0	5 000	14 800 *					62.0
64.0	49.7	132.3	4 600	13 800 *					64.0
66.0	47.2	130.5	4 300	12 800 *	55.8	134.0	800	15 900 *	66.0
68.0	44.6	128.5	3 900	11 800 *	53.5	132.5	600	15 100 *	68.0
70.0	41.8	126.4	3 600	11 000 *	51.1	131.0	300	14 300 *	70.0
72.0	38.9	124.0	3 300	10 200 *	48.7	129.3	100	13 400 *	72.0
74.0	35.8	121.3	3 000	9 500 *	46.1	127.4		12 400 *	74.0
76.0	32.4	118.3	2 700	8 800 *	43.4	125.4		11 500 *	76.0
78.0	28.6	114.9	2 400	8 200 *	40.6	123.1		10 600 *	78.0
80.0	24.4	110.8	2 100	7 700 *	37.6	120.6		9 900 *	80.0
82.0	19.2	105.7	1 900	7 100 *	34.4	117.8		9 200 *	82.0
84.0					30.8	114.7		8 600 *	84.0
86.0					26.9	111.0		8 000 *	86.0
88.0					22.3	106.5		7 400 *	88.0
90.0					16.5	100.7		6 900 *	90.0



# 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  
 102 060 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

### 91.4m (300 Ft.) Boom, 21.3m (70 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		
29.0	60.3	112.0	31 500 <b>b</b>	46 500 * <b>b</b>										29.0
30.0	57.0	111.4	30 200 <b>b</b>	45 800 * <b>b</b>										30.0
32.0	50.2	109.8	27 900 <b>b</b>	44 400 * <b>b</b>										32.0
34.0	42.7	107.9	25 800	42 900 *										34.0
36.0	33.8	105.2	24 000	39 600 *										36.0
38.0	21.8	101.3	22 300	34 800 *	56.5	109.5	16 400 <b>b</b>	39 800 * <b>b</b>						38.0
40.0					49.6	107.9	15 300 <b>b</b>	38 700 * <b>b</b>						40.0
42.0					42.0	105.9	14 300	37 600 *						42.0
44.0					32.9	103.2	13 400	36 400 *						44.0
46.0									55.3	106.8	7 800 <b>b</b>	34 200 * <b>b</b>		46.0
48.0									48.4	105.2	7 200 <b>b</b>	32 800 <b>b</b>		48.0
50.0									40.6	103.1	6 700	31 600		50.0
52.0									31.1	100.2	6 300	30 100		52.0
54.0									17.5	95.5	5 800	28 700		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  
 102 060 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

### 91.4m (300 Ft.) Boom, 24.4m (80 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	
29.0	64.3	115.5	31 100 <b>b</b>	44 700 * <b>b</b>									29.0
30.0	61.6	115.0	29 800 <b>b</b>	44 100 * <b>b</b>									30.0
32.0	56.0	113.7	27 500 <b>b</b>	42 900 * <b>b</b>									32.0
34.0	50.1	112.1	25 500	41 700 *									34.0
36.0	43.5	110.2	23 700	39 400 *									36.0
38.0	36.0	107.7	22 100	34 900 *									38.0
40.0	26.7	104.3	20 600	31 200 *	55.5	111.8	14 900 <b>b</b>	37 400 * <b>b</b>					40.0
42.0					49.6	110.2	13 900	36 400 *					42.0
44.0					42.9	108.3	13 000	35 400 *					44.0
46.0					35.3	105.7	12 200	34 200 *					46.0
48.0					25.8	102.2	11 400	31 000 *	54.5	109.1	6 800 <b>b</b>	31 600 * <b>b</b>	48.0
50.0									48.5	107.5	6 300	30 700 *	50.0
52.0									41.7	105.4	5 800	29 800	52.0
54.0									33.9	102.7	5 400	28 400	54.0
56.0									23.8	99.0	5 000	27 100	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  
 102 060 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

### 91.4m (300 Ft.) Boom, 27.4m (90 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	
29.0	67.4	118.9	30 800 <b>b</b>	43 000 * <b>b</b>									29.0
30.0	65.0	118.4	29 500 <b>b</b>	42 500 * <b>b</b>									30.0
32.0	60.2	117.3	27 200	41 500 *									32.0
34.0	55.3	116.0	25 200	40 300 *									34.0
36.0	49.9	114.4	23 500	38 800 *									36.0
38.0	44.1	112.5	21 900	35 000 *									38.0
40.0	37.7	110.2	20 500	31 200 *	59.8	115.5	14 600	36 200 *					40.0
42.0	30.0	107.1	19 200	28 200 *	54.8	114.1	13 600	35 300 *					42.0
44.0	19.7	102.6	17 900	25 500 *	49.5	112.5	12 700	34 400 *					44.0
46.0					43.7	110.6	11 900	33 500 *					46.0
48.0					37.1	108.2	11 200	31 200 *					48.0
50.0					29.3	105.0	10 500	28 000 *	53.9	111.4	6 000	29 700 *	50.0
52.0									48.5	109.8	5 500	28 900 *	52.0
54.0									42.6	107.8	5 100	28 100	54.0
56.0									35.9	105.2	4 800	27 000	56.0
58.0									27.7	101.9	4 400	25 800	58.0
60.0									16.1	96.7	3 900	24 700	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  
 102 060 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

### 91.4m (300 Ft.) Boom, 30.5m (100 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	
30.5	66.7	121.5	28 500 b	40 500 *b									30.5
32.0	63.5	120.8	26 900	39 800 *									32.0
34.0	59.2	119.7	24 900	38 900 *									34.0
36.0	54.6	118.3	23 100	37 900 *									36.0
38.0	49.8	116.7	21 500	35 000 *									38.0
40.0	44.7	114.8	20 100	31 100 *									40.0
42.0	38.9	112.6	18 800	28 100 *	58.8	117.8	13 200	34 000 *					42.0
44.0	32.4	109.7	17 700	25 500 *	54.3	116.4	12 300	33 200 *					44.0
46.0	24.2	105.9	16 600	23 200 *	49.4	114.8	11 500	32 300 *					46.0
48.0					44.2	112.9	10 800	30 900 *					48.0
50.0					38.4	110.6	10 100	27 900 *					50.0
52.0					31.8	107.6	9 500	25 300 *	53.5	113.7	5 100	27 800 *	52.0
54.0					23.5	103.7	8 900	23 100 *	48.6	112.1	4 700	27 100 *	54.0
56.0									43.3	110.1	4 300	26 400 *	56.0
58.0									37.4	107.7	4 000	25 500	58.0
60.0									30.5	104.6	3 600	24 400	60.0
62.0									21.7	100.4	3 300	22 800 *	62.0
64.0									2.7	90.5	2 900	20 800 *	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  
 102 060 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

### 91.4m (300 Ft.) Boom, 33.5m (110 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	66.1	124.2	26 500	37 700 *									32.0
34.0	62.3	123.2	24 500	36 900 *									34.0
36.0	58.3	122.0	22 800	36 100 *									36.0
38.0	54.1	120.6	21 300	35 200 *									38.0
40.0	49.8	119.0	19 800	32 200 *									40.0
42.0	45.1	117.2	18 600	28 900 *									42.0
44.0	39.9	114.9	17 400	26 200 *	58.0	120.1	12 000	31 400 *					44.0
46.0	34.2	112.2	16 400	23 900 *	53.8	118.8	11 200	30 700 *					46.0
48.0	27.4	108.8	15 400	21 900 *	49.4	117.1	10 500	29 900 *					48.0
50.0	18.3	103.9	14 500	20 200 *	44.7	115.2	9 800	28 600 *					50.0
52.0					39.5	113.0	9 200	26 000 *	57.3	117.5	4 800	26 200 *	52.0
54.0					33.7	110.2	8 600	23 800 *	53.1	116.0	4 400	25 700 *	54.0
56.0					26.7	106.7	8 000	21 800 *	48.6	114.4	4 000	25 100 *	56.0
58.0									43.8	112.4	3 700	24 400 *	58.0
60.0									38.6	110.1	3 300	23 700 *	60.0
62.0									32.6	107.2	3 000	23 100 *	62.0
64.0									25.4	103.5	2 700	21 500 *	64.0
66.0									15.2	97.9	2 400	19 800 *	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  
 102 060 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

### 91.4m (300 Ft.) Boom, 36.6m (120 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	65.6	126.8	24 600	35 600 *									33.5
34.0	64.8	126.6	24 200	35 400 *									34.0
36.0	61.2	125.6	22 500	34 700 *									36.0
38.0	57.5	124.4	20 900	33 800 *									38.0
40.0	53.7	123.0	19 500	32 200 *									40.0
42.0	49.7	121.3	18 300	28 800 *									42.0
44.0	45.4	119.5	17 100	26 000 *									44.0
46.0	40.8	117.3	16 100	23 700 *	57.2	122.5	10 800	29 400 *					46.0
48.0	35.6	114.7	15 100	21 700 *	53.4	121.1	10 100	28 700 *					48.0
50.0	29.7	111.5	14 200	20 000 *	49.4	119.4	9 400	28 000 *					50.0
52.0	22.4	107.3	13 400	18 500 *	45.1	117.5	8 800	25 900 *					52.0
54.0					40.4	115.3	8 200	23 600 *	56.6	119.8	3 900	24 500 *	54.0
56.0					35.2	112.7	7 700	21 600 *	52.7	118.3	3 600	24 000 *	56.0
58.0					29.2	109.4	7 200	19 900 *	48.6	116.7	3 200	23 500 *	58.0
60.0					21.7	105.1	6 800	18 400 *	44.3	114.7	3 000	22 900 *	60.0
62.0									39.5	112.5	2 700	22 300 *	62.0
64.0									34.2	109.7	2 400	21 300 *	64.0
66.0									28.1	106.3	2 100	19 600 *	66.0
68.0									20.2	101.7	1 800	18 100 *	68.0
70.0									5.1	92.4	1 500	16 800 *	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  
 102 060 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

### 91.4m (300 Ft.) Boom, 39.6m (130 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	67.6	130.2	24 400	34 000 *									33.5
34.0	66.8	130.0	24 000	33 800 *									34.0
36.0	63.6	129.0	22 300	33 200 *									36.0
38.0	60.3	127.9	20 700	32 500 *									38.0
40.0	56.9	126.7	19 400	31 600 *									40.0
42.0	53.4	125.3	18 100	28 800 *									42.0
44.0	49.6	123.6	17 000	26 000 *									44.0
46.0	45.7	121.8	16 000	23 700 *	60.1	126.1	10 600	28 200 *					46.0
48.0	41.5	119.6	15 000	21 700 *	56.6	124.8	9 900	27 600 *					48.0
50.0	36.8	117.1	14 100	19 900 *	53.1	123.4	9 300	27 000 *					50.0
52.0	31.6	114.1	13 300	18 400 *	49.3	121.7	8 700	25 900 *					52.0
54.0	25.4	110.4	12 500	17 000 *	45.4	119.9	8 100	23 500 *					54.0
56.0	17.3	105.1		15 800 *	41.1	117.7	7 600	21 500 *					56.0
58.0					36.4	115.1	7 100	19 800 *	52.4	120.7	3 100	22 600 *	58.0
60.0					31.1	112.1	6 700	18 300 *	48.7	119.0	2 800	22 100 *	60.0
62.0					24.9	108.2	6 200	17 000 *	44.7	117.0	2 500	21 600 *	62.0
64.0					16.4	102.8	5 800	15 700 *	40.3	114.8	2 200	21 000 *	64.0
66.0									35.6	112.2	2 000	19 600 *	66.0
68.0									30.1	109.0	1 700	18 100 *	68.0
70.0									23.6	105.0	1 500	16 800 *	70.0
72.0									14.5	99.0	1 200	15 500 *	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  
 102 060 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

### 91.4m (300 Ft.) Boom, 42.7m (140 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	
35.1	67.0	132.8	22 700	31 800 *									35.1
36.0	65.6	132.4	21 900	31 500 *									36.0
38.0	62.6	131.4	20 400	31 000 *									38.0
40.0	59.6	130.3	19 000	30 300 *									40.0
42.0	56.4	129.0	17 800	28 700 *									42.0
44.0	53.1	127.6	16 700	25 800 *									44.0
46.0	49.6	125.9	15 600	23 500 *	62.4	129.6	10 200	26 800 *					46.0
48.0	45.9	124.1	14 700	21 500 *	59.3	128.4	9 500	26 400 *					48.0
50.0	42.0	122.0	13 800	19 700 *	56.1	127.1	8 900	25 800 *					50.0
52.0	37.8	119.5	13 000	18 200 *	52.8	125.7	8 300	25 200 *					52.0
54.0	33.1	116.7	12 300	16 800 *	49.3	124.0	7 800	23 400 *					54.0
56.0	27.7	113.2	11 600	15 600 *	45.6	122.2	7 300	21 300 *					56.0
58.0	21.1	108.7		14 500 *	41.7	120.0	6 800	19 600 *	55.5	124.4	2 700	21 500 *	58.0
60.0					37.4	117.6	6 300	18 100 *	52.2	123.0	2 400	21 100 *	60.0
62.0					32.7	114.7	5 900	16 700 *	48.7	121.3	2 100	20 700 *	62.0
64.0					27.2	111.1	5 500	15 500 *	45.0	119.4	1 900	20 200 *	64.0
66.0					20.5	106.5	5 100	14 500 *	41.0	117.2	1 600	19 400 *	66.0
68.0									36.7	114.6	1 300	17 900 *	68.0
70.0									31.8	111.6	1 100	16 500 *	70.0
72.0									26.2	108.0	900	15 300 *	72.0
74.0									19.0	103.0	700	14 300 *	74.0
76.0									6.2	93.7	400	13 300 *	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  
 102 060 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

### 91.4m (300 Ft.) Boom, 45.7m (150 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	
36.6	66.6	135.5	21 200	29 800 *									36.6
38.0	64.6	134.8	20 100	29 500 *									38.0
40.0	61.8	133.8	18 700	29 000 *									40.0
42.0	58.9	132.6	17 500	28 000 *									42.0
44.0	55.9	131.3	16 400	26 100 *									44.0
46.0	52.8	129.9	15 300	23 600 *									46.0
48.0	49.6	128.2	14 400	21 600 *	61.6	131.9	9 200	25 100 *					48.0
50.0	46.1	126.4	13 500	19 900 *	58.7	130.8	8 600	24 700 *					50.0
52.0	42.5	124.3	12 800	18 300 *	55.7	129.5	8 000	24 300 *					52.0
54.0	38.6	121.9	12 000	16 900 *	52.5	128.0	7 400	23 500 *					54.0
56.0	34.4	119.2	11 300	15 700 *	49.3	126.3	7 000	21 500 *					56.0
58.0	29.6	115.9	10 700	14 600 *	45.9	124.5	6 500	19 700 *					58.0
60.0	23.9	111.9	10 100	13 600 *	42.2	122.4	6 000	18 200 *	55.1	126.8	2 100	20 200 *	60.0
62.0	16.5	106.3	9 500	12 700 *	38.3	120.0	5 600	16 800 *	52.0	125.3	1 800	19 800 *	62.0
64.0					34.0	117.2	5 200	15 600 *	48.7	123.6	1 500	19 400 *	64.0
66.0					29.2	113.9	4 900	14 500 *	45.3	121.7	1 300	19 000 *	66.0
68.0					23.4	109.7	4 500	13 500 *	41.6	119.5	1 000	18 000 *	68.0
70.0					15.7	103.9	4 100	12 600 *	37.6	117.1	800	16 600 *	70.0
72.0									33.2	114.2	600	15 400 *	72.0
74.0									28.2	110.8	400	14 300 *	74.0
76.0									22.3	106.4	200	13 400 *	76.0
78.0									14.0	100.1		12 500 *	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  
 102 060 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

### 91.4m (300 Ft.) Boom, 48.8m (160 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	
38.1	66.2	138.2	19 700	27 200 *									38.1
40.0	63.7	137.3	18 300	26 700 *									40.0
42.0	61.0	136.2	17 100	26 000 *									42.0
44.0	58.3	135.0	16 000	25 100 *									44.0
46.0	55.5	133.7	15 000	23 500 *									46.0
48.0	52.6	132.2	14 100	21 400 *									48.0
50.0	49.5	130.5	13 200	19 600 *	60.8	134.3	8 200	23 400 *					50.0
52.0	46.3	128.7	12 400	18 100 *	58.1	133.1	7 600	23 000 *					52.0
54.0	43.0	126.7	11 700	16 700 *	55.3	131.8	7 100	22 600 *					54.0
56.0	39.4	124.3	11 000	15 500 *	52.3	130.3	6 600	21 300 *					56.0
58.0	35.4	121.7	10 400	14 300 *	49.3	128.6	6 100	19 500 *					58.0
60.0	31.1	118.6	9 800	13 300 *	46.1	126.8	5 700	18 000 *					60.0
62.0	26.1	114.8	9 200	12 500 *	42.7	124.7	5 300	16 600 *	54.8	129.1	1 400	18 800 *	62.0
64.0					39.1	122.4	4 900	15 400 *	51.8	127.6	1 100	18 500 *	64.0
66.0					35.1	119.7	4 500	14 300 *	48.7	125.9	900	18 100 *	66.0
68.0					30.7	116.5	4 200	13 300 *	45.5	124.0	700	17 600 *	68.0
70.0					25.7	112.7	3 800	12 400 *	42.1	121.9	500	16 400 *	70.0
72.0					19.4	107.8	3 500	11 500 *	38.4	119.5	200	15 200 *	72.0
74.0									34.4	116.7		14 100 *	74.0
76.0									29.9	113.5		13 100 *	76.0
78.0									24.7	109.5		12 300 *	78.0
80.0									18.1	104.3		11 400 *	80.0
82.0									6.9	94.9		10 700 *	82.0



# 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  
 102 060 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

### 91.4m (300 Ft.) Boom, 51.8m (170 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	
41.1	64.0	140.1	17 500	24 200 *									41.1
42.0	62.9	139.7	17 000	23 900 *									42.0
44.0	60.4	138.6	15 900	23 200 *									44.0
46.0	57.8	137.3	14 900	22 500 *									46.0
48.0	55.1	136.0	13 900	21 400 *									48.0
50.0	52.4	134.5	13 100	19 800 *									50.0
52.0	49.5	132.8	12 300	18 200 *	60.2	136.7	7 500	21 400 *					52.0
54.0	46.5	131.0	11 600	16 700 *	57.6	135.5	6 900	21 100 *					54.0
56.0	43.3	129.0	10 900	15 500 *	54.9	134.1	6 400	20 700 *					56.0
58.0	40.0	126.7	10 300	14 400 *	52.1	132.6	6 000	19 700 *					58.0
60.0	36.4	124.1	9 700	13 400 *	49.3	130.9	5 500	18 100 *					60.0
62.0	32.4	121.1	9 100	12 400 *	46.2	129.1	5 100	16 600 *					62.0
64.0	27.9	117.6	8 600	11 600 *	43.1	127.0	4 700	15 400 *	54.4	131.4	900	17 100 *	64.0
66.0					39.7	124.7	4 400	14 300 *	51.6	129.9	700	16 800 *	66.0
68.0					36.1	122.1	4 100	13 300 *	48.7	128.2	500	16 500 *	68.0
70.0					32.1	119.1	3 700	12 400 *	45.7	126.3	300	16 200 *	70.0
72.0					27.6	115.6	3 400	11 500 *	42.5	124.2		15 200 *	72.0
74.0					22.2	111.2	3 100	10 700 *	39.1	121.8		14 100 *	74.0
76.0					15.1	105.1	2 800	10 000 *	35.4	119.2		13 100 *	76.0
78.0									31.3	116.1		12 200 *	78.0
80.0									26.7	112.4		11 400 *	80.0
82.0									21.2	107.8		10 600 *	82.0
84.0									13.6	101.2		10 000 *	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  
 102 060 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

### 91.4m (300 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	
42.7	63.7	142.7	16 300	21 800 *									42.7
44.0	62.2	142.0	15 500	21 400 *									44.0
46.0	59.8	140.9	14 500	20 800 *									46.0
48.0	57.3	139.7	13 600	20 000 *									48.0
50.0	54.8	138.3	12 800	19 200 *									50.0
52.0	52.2	136.8	12 000	17 900 *	62.0	140.2	7 100	20 100 *					52.0
54.0	49.5	135.1	11 200	16 500 *	59.6	139.0	6 500	19 900 *					54.0
56.0	46.6	133.3	10 600	15 200 *	57.1	137.8	6 100	19 600 *					56.0
58.0	43.7	131.3	9 900	14 100 *	54.6	136.4	5 600	19 200 *					58.0
60.0	40.5	129.1	9 400	13 100 *	52.0	134.9	5 200	17 800 *					60.0
62.0	37.2	126.5	8 800	12 200 *	49.2	133.2	4 800	16 400 *					62.0
64.0	33.5	123.7	8 300	11 300 *	46.4	131.4	4 400	15 200 *					64.0
66.0					43.4	129.4	4 000	14 000 *	54.1	133.7	300	15 900 *	66.0
68.0					40.3	127.1	3 700	13 100 *	51.5	132.2	100	15 600 *	68.0
70.0					36.9	124.5	3 400	12 100 *	48.8	130.5		15 400 *	70.0
72.0					33.2	121.7	3 100	11 300 *	45.9	128.6		15 000 *	72.0
74.0					29.1	118.3	2 800	10 500 *	42.9	126.5		13 900 *	74.0
76.0					24.4	114.3	2 500	9 800 *	39.7	124.2		12 900 *	76.0
78.0					18.6	109.1	2 200	9 200 *	36.3	121.6		12 000 *	78.0
80.0									32.5	118.7		11 200 *	80.0
82.0									28.4	115.2		10 400 *	82.0
84.0									23.5	111.0		9 700 *	84.0
86.0									17.4	105.5		9 100 *	86.0
88.0									7.3	96.1		8 500 *	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  
 102 060 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

### 91.4m (300 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	Luffing Jib Capacity Kilograms	
45.7	61.8	144.6	14 400	19 200 *								45.7
46.0	61.5	144.4	14 200	19 200 *								46.0
48.0	59.2	143.3	13 300	18 600 *								48.0
50.0	56.9	142.0	12 500	17 900 *								50.0
52.0	54.5	140.6	11 700	17 100 *								52.0
54.0	52.0	139.1	11 000	16 200 *	61.3	142.6	6 300	18 800 *				54.0
56.0	49.4	137.4	10 300	15 000 *	59.1	141.4	5 800	18 600 *				56.0
58.0	46.8	135.6	9 700	13 900 *	56.7	140.1	5 300	18 300 *				58.0
60.0	44.0	133.6	9 100	12 900 *	54.3	138.7	4 900	17 600 *				60.0
62.0	41.0	131.4	8 600	12 000 *	51.8	137.2	4 500	16 200 *				62.0
64.0	37.9	128.9	8 100	11 100 *	49.2	135.5	4 100	14 900 *				64.0
66.0					46.5	133.7	3 800	13 800 *	56.3	137.4	15 100 *	66.0
68.0					43.7	131.7	3 400	12 800 *	53.9	136.0	14 900 *	68.0
70.0					40.8	129.4	3 100	11 900 *	51.4	134.5	14 700 *	70.0
72.0					37.6	127.0	2 800	11 100 *	48.8	132.8	14 400 *	72.0
74.0					34.2	124.2	2 500	10 300 *	46.1	130.9	13 700 *	74.0
76.0					30.5	120.9	2 300	9 600 *	43.2	128.9	12 600 *	76.0
78.0					26.2	117.2	2 000	8 900 *	40.2	126.6	11 800 *	78.0
80.0					21.2	112.5	1 700	8 300 *	37.0	124.0	10 900 *	80.0
82.0					14.7	106.2	1 500	7 800 *	33.6	121.2	10 200 *	82.0
84.0									29.8	117.9	9 500 *	84.0
86.0									25.4	114.0	8 900 *	86.0
88.0									20.3	109.2	8 300 *	88.0
90.0									13.2	102.4	7 700 *	90.0



# 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  
 102 060 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

### 91.4m (300 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	Luffing Jib Capacity Kilograms	
50.3	58.4	145.4	12 100	16 400 *								50.3
52.0	56.5	144.3	11 400	15 800 *								52.0
54.0	54.2	142.9	10 700	15 100 *								54.0
56.0	51.9	141.4	10 000	14 300 *	60.8	144.9	5 400	17 300 *				56.0
58.0	49.4	139.7	9 400	13 400 *	58.6	143.7	4 900	16 600 *				58.0
60.0	46.9	137.9	8 800	12 500 *	56.3	142.4	4 500	15 800 *				60.0
62.0	44.2	135.9	8 300	11 600 *	54.0	141.0	4 100	15 000 *				62.0
64.0	41.4	133.8	7 800	10 600 *	51.7	139.5	3 800	14 200 *				64.0
66.0					49.2	137.8	3 400	13 400 *				66.0
68.0					46.7	136.0	3 100	12 500 *	55.9	139.8	13 900 *	68.0
70.0					44.0	134.0	2 800	11 700 *	53.6	138.3	13 700 *	70.0
72.0					41.2	131.8	2 500	10 800 *	51.2	136.8	13 500 *	72.0
74.0					38.2	129.4	2 200	10 100 *	48.8	135.1	13 100 *	74.0
76.0					35.1	126.6	1 900	9 400 *	46.2	133.2	12 300 *	76.0
78.0					31.6	123.6	1 700	8 700 *	43.5	131.2	11 500 *	78.0
80.0					27.8	120.0	1 400	8 100 *	40.7	128.9	10 700 *	80.0
82.0					23.4	115.7	1 200	7 600 *	37.7	126.5	9 900 *	82.0
84.0					17.9	110.3	1 000	7 000 *	34.5	123.7	9 200 *	84.0
86.0									31.0	120.5	8 600 *	86.0
88.0									27.1	116.9	8 000 *	88.0
90.0									22.5	112.5	7 500 *	90.0
92.0									16.8	106.7	6 900 *	92.0
94.0									7.7	97.2	6 500 *	94.0