



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
0 Lb. 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 4,800 Lb. minimum block weight.

Exit MAX-ER mode before operating without hanging counterweight.

Upper luffing jib point capacity for liftcrane service with single part whip line is 30,000 Lbs. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacities.

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 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.

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

MAX-ER 225
On 2250 or M-250

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, 30 Ft. 9 in. crawlers, 48 in. treads, 28 Ft. retractable gantry, 130 Ft. mast, 8 part boom hoist reeving, four 1-1/2 in. boom pendants or boom support straps, 10 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants and backstays, 169,200 Lb. (2250) crane counterweight or 167,000 Lb. (M-250) crane counterweight, two 30,000 Lb. carbody counterweights and 0 Lb. hanging counterweight.

WARNING: Remove hanging counterweight before use of this chart. Refer to Counterweight Assembly.

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



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Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. Hanging Counterweight
 360 Degree Rating

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MAX-ER 225 On 2250 or M-250

140 Ft. Boom, 70 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 55 | 64.8 | 213.8 | 174,800 *b | | | | | | | | | | 55 |
| 60 | 60.2 | 211.1 | 148,200 *b | 67.0 | 213.8 | 162,100 b | | | | | | | 60 |
| 65 | 55.3 | 207.8 | 128,400 *b | 62.4 | 211.3 | 146,400 b | | | | | | | 65 |
| 70 | 50.0 | 203.9 | 113,000 * | 57.6 | 208.3 | 133,300 b | | | | | | | 70 |
| 75 | 44.4 | 199.1 | 100,700 * | 52.6 | 204.6 | 119,800 * | | | | | | | 75 |
| 80 | 38.0 | 193.1 | 90,700 * | 47.1 | 200.3 | 106,200 * | 59.6 | 206.8 | 106,700 b | | | | 80 |
| 85 | 30.5 | 185.5 | 82,300 * | 41.1 | 194.9 | 95,200 * | 54.7 | 203.4 | 99,000 | | | | 85 |
| 90 | 20.7 | 174.5 | 75,200 * | 34.2 | 188.2 | 86,100 * | 49.4 | 199.4 | 92,300 | | | | 90 |
| 95 | | | | 25.8 | 179.2 | 78,400 * | 43.7 | 194.5 | 86,300 | 56.5 | 200.9 | 81,400 b | 95 |
| 100 | | | | 12.6 | 163.9 | 71,900 * | 37.3 | 188.4 | 81,000 | 51.4 | 197.1 | 76,400 | 100 |
| 105 | | | | | | | 29.6 | 180.5 | 76,200 | 45.8 | 192.5 | 71,900 | 105 |
| 110 | | | | | | | 19.3 | 169.0 | 71,800 | 39.7 | 186.9 | 67,900 | 110 |
| 115 | | | | | | | | | | 32.6 | 179.8 | 64,200 | 115 |
| 120 | | | | | | | | | | 23.5 | 170.0 | 60,800 | 120 |
| 125 | | | | | | | | | | 6.5 | 149.8 | 57,600 | 125 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. Hanging Counterweight
 360 Degree Rating

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MAX-ER 225 On 2250 or M-250

140 Ft. Boom, 80 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 55 | 68.2 | 224.8 | 173,200 *b | | | | | | | | | | 55 |
| 60 | 64.2 | 222.5 | 149,100 *b | | | | | | | | | | 60 |
| 65 | 60.1 | 219.8 | 129,100 * | 66.1 | 222.5 | 145,900 b | | | | | | | 65 |
| 70 | 55.9 | 216.5 | 113,500 * | 62.1 | 220.0 | 132,800 b | | | | | | | 70 |
| 75 | 51.4 | 212.7 | 101,200 * | 57.9 | 217.0 | 120,400 * | | | | | | | 75 |
| 80 | 46.6 | 208.2 | 91,000 * | 53.5 | 213.4 | 106,700 * | | | | | | | 80 |
| 85 | 41.3 | 202.9 | 82,600 * | 48.9 | 209.3 | 95,600 * | 59.7 | 215.5 | 98,500 | | | | 85 |
| 90 | 35.4 | 196.3 | 75,500 * | 43.8 | 204.3 | 86,400 * | 55.4 | 212.2 | 91,700 | | | | 90 |
| 95 | 28.5 | 188.0 | 69,300 * | 38.3 | 198.4 | 78,700 * | 50.9 | 208.3 | 85,800 | | | | 95 |
| 100 | 19.3 | 176.2 | 64,000 * | 31.9 | 191.1 | 72,100 * | 46.0 | 203.7 | 80,500 | 57.0 | 209.6 | 75,800 | 100 |
| 105 | | | | 24.0 | 181.3 | 66,500 * | 40.7 | 198.2 | 75,800 | 52.5 | 205.9 | 71,300 | 105 |
| 110 | | | | 11.7 | 164.9 | 61,500 * | 34.7 | 191.6 | 71,500 | 47.8 | 201.6 | 67,300 | 110 |
| 115 | | | | | | | 27.6 | 183.0 | 67,600 | 42.7 | 196.5 | 63,700 | 115 |
| 120 | | | | | | | 18.0 | 170.5 | 63,500 * | 37.0 | 190.3 | 60,400 | 120 |
| 125 | | | | | | | | | | 30.3 | 182.5 | 57,300 | 125 |
| 130 | | | | | | | | | | 21.9 | 171.9 | 54,500 | 130 |
| 135 | | | | | | | | | | 6.0 | 150.3 | 51,800 | 135 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. Hanging Counterweight
 360 Degree Rating

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MAX-ER 225 On 2250 or M-250

140 Ft. Boom, 90 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 55 | 70.7 | 235.6 | 161,100 *b | | | | | | | | | | 55 |
| 60 | 67.3 | 233.6 | 149,800 *b | | | | | | | | | | 60 |
| 65 | 63.8 | 231.2 | 129,600 * | | | | | | | | | | 65 |
| 70 | 60.1 | 228.4 | 114,000 * | 65.4 | 231.2 | 132,400 b | | | | | | | 70 |
| 75 | 56.4 | 225.2 | 101,500 * | 61.9 | 228.6 | 120,900 * | | | | | | | 75 |
| 80 | 52.4 | 221.5 | 91,300 * | 58.2 | 225.6 | 107,100 * | | | | | | | 80 |
| 85 | 48.2 | 217.3 | 82,800 * | 54.3 | 222.2 | 95,900 * | | | | | | | 85 |
| 90 | 43.7 | 212.3 | 75,600 * | 50.2 | 218.2 | 86,600 * | 59.7 | 224.1 | 91,300 | | | | 90 |
| 95 | 38.8 | 206.4 | 69,500 * | 45.9 | 213.6 | 78,900 * | 55.9 | 220.9 | 85,400 | | | | 95 |
| 100 | 33.3 | 199.3 | 64,100 * | 41.2 | 208.1 | 72,300 * | 51.9 | 217.1 | 80,100 | | | | 100 |
| 105 | 26.8 | 190.4 | 59,500 * | 36.0 | 201.7 | 66,600 * | 47.7 | 212.8 | 75,400 | 57.3 | 218.3 | 70,900 | 105 |
| 110 | 18.1 | 177.8 | 55,300 * | 30.0 | 193.7 | 61,600 * | 43.2 | 207.7 | 71,200 | 53.4 | 214.7 | 66,900 | 110 |
| 115 | | | | 22.6 | 183.2 | 57,200 * | 38.2 | 201.7 | 67,300 | 49.3 | 210.6 | 63,300 | 115 |
| 120 | | | | 11.0 | 165.8 | 53,300 * | 32.6 | 194.5 | 63,700 * | 44.9 | 205.8 | 60,000 | 120 |
| 125 | | | | | | | 25.9 | 185.3 | 59,000 * | 40.1 | 200.2 | 57,000 | 125 |
| 130 | | | | | | | 16.9 | 172.0 | 55,000 * | 34.7 | 193.4 | 54,200 | 130 |
| 135 | | | | | | | | | | 28.5 | 185.0 | 51,700 | 135 |
| 140 | | | | | | | | | | 20.6 | 173.7 | 49,300 | 140 |
| 145 | | | | | | | | | | 5.6 | 150.7 | 46,900 | 145 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. Hanging Counterweight
 360 Degree Rating

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MAX-ER 225 On 2250 or M-250

140 Ft. Boom, 100 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 60 | 69.7 | 244.4 | 141,100 *b | | | | | | | | | | 60 |
| 65 | 66.6 | 242.3 | 130,700 * | | | | | | | | | | 65 |
| 70 | 63.4 | 239.9 | 114,800 * | | | | | | | | | | 70 |
| 75 | 60.1 | 237.1 | 102,100 * | 64.9 | 239.9 | 120,900 | | | | | | | 75 |
| 80 | 56.7 | 233.9 | 91,700 * | 61.7 | 237.3 | 107,700 * | | | | | | | 80 |
| 85 | 53.2 | 230.3 | 83,100 * | 58.3 | 234.3 | 96,400 * | | | | | | | 85 |
| 90 | 49.5 | 226.2 | 75,800 * | 54.9 | 230.9 | 87,000 * | | | | | | | 90 |
| 95 | 45.6 | 221.5 | 69,600 * | 51.3 | 227.0 | 79,100 * | 59.7 | 232.8 | 84,800 | | | | 95 |
| 100 | 41.3 | 216.1 | 64,200 * | 47.4 | 222.6 | 72,400 * | 56.3 | 229.6 | 79,600 | | | | 100 |
| 105 | 36.7 | 209.8 | 59,500 * | 43.4 | 217.6 | 66,700 * | 52.8 | 225.9 | 74,900 | | | | 105 |
| 110 | 31.5 | 202.2 | 55,300 * | 38.9 | 211.7 | 61,600 * | 49.1 | 221.8 | 70,700 | 57.6 | 226.9 | 66,300 | 110 |
| 115 | 25.3 | 192.6 | 51,600 * | 34.0 | 204.8 | 57,200 * | 45.1 | 217.0 | 66,800 | 54.1 | 223.5 | 62,700 | 115 |
| 120 | 17.1 | 179.2 | 48,300 * | 28.4 | 196.3 | 53,300 * | 40.8 | 211.5 | 63,400 | 50.4 | 219.5 | 59,400 | 120 |
| 125 | | | | 21.4 | 185.1 | 49,800 * | 36.2 | 205.0 | 59,000 * | 46.6 | 214.9 | 56,400 | 125 |
| 130 | | | | 10.4 | 166.6 | 46,600 * | 30.9 | 197.3 | 54,900 * | 42.4 | 209.7 | 53,700 | 130 |
| 135 | | | | | | | 24.5 | 187.4 | 51,300 * | 37.9 | 203.6 | 51,100 | 135 |
| 140 | | | | | | | 16.0 | 173.3 | 48,000 * | 32.9 | 196.4 | 48,800 | 140 |
| 145 | | | | | | | | | | 27.0 | 187.4 | 46,600 | 145 |
| 150 | | | | | | | | | | 19.5 | 175.4 | 44,600 | 150 |
| 155 | | | | | | | | | | 5.2 | 151.1 | 42,500 | 155 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. Hanging Counterweight
 360 Degree Rating

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MAX-ER 225 On 2250 or M-250

140 Ft. Boom, 110 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 65 | 68.8 | 253.1 | 130,300 * | | | | | | | | | | 65 |
| 70 | 66.0 | 251.0 | 117,400 * | | | | | | | | | | 70 |
| 75 | 63.1 | 248.5 | 104,300 * | 67.3 | 250.9 | 120,400 | | | | | | | 75 |
| 80 | 60.1 | 245.8 | 93,700 * | 64.5 | 248.6 | 110,200 * | | | | | | | 80 |
| 85 | 57.0 | 242.6 | 84,900 * | 61.5 | 245.9 | 98,500 * | | | | | | | 85 |
| 90 | 53.8 | 239.1 | 77,500 * | 58.5 | 243.0 | 88,900 * | | | | | | | 90 |
| 95 | 50.5 | 235.1 | 71,100 * | 55.4 | 239.6 | 80,800 * | 62.8 | 244.3 | 84,300 | | | | 95 |
| 100 | 47.0 | 230.6 | 65,600 * | 52.1 | 235.9 | 74,000 * | 59.8 | 241.5 | 79,100 | | | | 100 |
| 105 | 43.3 | 225.5 | 60,700 * | 48.7 | 231.6 | 68,100 * | 56.7 | 238.3 | 74,400 | | | | 105 |
| 110 | 39.3 | 219.7 | 56,500 * | 45.1 | 226.8 | 63,000 * | 53.5 | 234.7 | 70,200 | | | | 110 |
| 115 | 34.9 | 212.9 | 52,700 * | 41.2 | 221.4 | 58,500 * | 50.1 | 230.7 | 66,400 | 57.8 | 235.6 | 62,200 | 115 |
| 120 | 30.0 | 204.8 | 49,300 * | 37.0 | 215.1 | 54,500 * | 46.6 | 226.1 | 62,900 | 54.6 | 232.2 | 58,900 | 120 |
| 125 | 24.1 | 194.8 | 46,300 * | 32.4 | 207.7 | 50,900 * | 42.9 | 221.0 | 59,700 | 51.4 | 228.3 | 55,900 | 125 |
| 130 | 16.3 | 180.7 | 43,500 * | 27.0 | 198.7 | 47,700 * | 38.8 | 215.0 | 56,100 * | 47.9 | 224.0 | 53,200 | 130 |
| 135 | | | | 20.3 | 186.9 | 44,800 * | 34.4 | 208.1 | 52,400 * | 44.2 | 219.0 | 50,700 | 135 |
| 140 | | | | 9.9 | 167.5 | 41,700 * | 29.4 | 199.9 | 49,000 * | 40.3 | 213.4 | 48,400 | 140 |
| 145 | | | | | | | 23.4 | 189.5 | 46,000 * | 36.0 | 206.9 | 46,200 | 145 |
| 150 | | | | | | | 15.2 | 174.6 | 43,300 * | 31.3 | 199.2 | 44,200 | 150 |
| 155 | | | | | | | | | | 25.7 | 189.7 | 42,300 | 155 |
| 160 | | | | | | | | | | 18.5 | 177.0 | 40,500 | 160 |
| 165 | | | | | | | | | | 5.0 | 151.5 | 38,700 | 165 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. Hanging Counterweight
 360 Degree Rating

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MAX-ER 225 On 2250 or M-250

140 Ft. Boom, 120 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 65 | 70.7 | 263.8 | 121,900 * | | | | | | | | | | 65 |
| 70 | 68.1 | 261.9 | 117,100 * | | | | | | | | | | 70 |
| 75 | 65.5 | 259.7 | 104,000 * | | | | | | | | | | 75 |
| 80 | 62.8 | 257.2 | 93,400 * | 66.7 | 259.6 | 109,900 * | | | | | | | 80 |
| 85 | 60.1 | 254.4 | 84,600 * | 64.1 | 257.2 | 98,200 * | | | | | | | 85 |
| 90 | 57.3 | 251.3 | 77,100 * | 61.4 | 254.6 | 88,600 * | | | | | | | 90 |
| 95 | 54.4 | 247.8 | 70,700 * | 58.6 | 251.6 | 80,500 * | | | | | | | 95 |
| 100 | 51.4 | 244.0 | 65,200 * | 55.8 | 248.3 | 73,600 * | 62.5 | 252.9 | 78,500 | | | | 100 |
| 105 | 48.2 | 239.6 | 60,300 * | 52.8 | 244.7 | 67,700 * | 59.8 | 250.1 | 73,800 | | | | 105 |
| 110 | 44.9 | 234.8 | 56,100 * | 49.7 | 240.6 | 62,600 * | 57.0 | 247.0 | 69,600 | | | | 110 |
| 115 | 41.3 | 229.3 | 52,300 * | 46.5 | 236.0 | 58,000 * | 54.0 | 243.4 | 65,800 | | | | 115 |
| 120 | 37.5 | 223.1 | 48,900 * | 43.0 | 230.8 | 54,000 * | 51.0 | 239.5 | 62,400 | 58.0 | 244.3 | 58,300 | 120 |
| 125 | 33.4 | 215.9 | 45,900 * | 39.4 | 225.0 | 50,500 * | 47.8 | 235.2 | 59,200 | 55.1 | 240.9 | 55,300 | 125 |
| 130 | 28.6 | 207.4 | 43,100 * | 35.4 | 218.3 | 47,300 * | 44.5 | 230.2 | 55,700 * | 52.1 | 237.1 | 52,600 | 130 |
| 135 | 23.0 | 196.8 | 40,600 * | 30.9 | 210.4 | 44,400 * | 40.9 | 224.7 | 51,900 * | 49.0 | 232.9 | 50,100 | 135 |
| 140 | 15.6 | 182.0 | 38,300 * | 25.8 | 200.9 | 41,800 * | 37.1 | 218.4 | 48,600 * | 45.7 | 228.2 | 47,800 | 140 |
| 145 | | | | 19.4 | 188.6 | 39,400 * | 32.9 | 211.1 | 45,600 * | 42.2 | 222.9 | 45,700 | 145 |
| 150 | | | | 9.4 | 168.3 | 36,800 * | 28.1 | 202.4 | 42,900 * | 38.5 | 216.9 | 43,700 | 150 |
| 155 | | | | | | | 22.3 | 191.4 | 40,400 * | 34.4 | 210.0 | 41,800 | 155 |
| 160 | | | | | | | 14.5 | 175.9 | 38,100 * | 29.9 | 201.9 | 40,100 | 160 |
| 165 | | | | | | | | | | 24.5 | 191.9 | 38,400 | 165 |
| 170 | | | | | | | | | | 17.7 | 178.5 | 36,900 | 170 |
| 175 | | | | | | | | | | 4.7 | 151.8 | 35,300 | 175 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

140 Ft. Boom, 130 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 70 | 69.9 | 272.6 | 109,000 * | | | | | | | | | | 70 |
| 75 | 67.5 | 270.6 | 105,000 * | | | | | | | | | | 75 |
| 80 | 65.1 | 268.4 | 94,100 * | | | | | | | | | | 80 |
| 85 | 62.6 | 265.9 | 85,100 * | 66.2 | 268.3 | 99,000 * | | | | | | | 85 |
| 90 | 60.1 | 263.1 | 77,500 * | 63.8 | 265.9 | 89,200 * | | | | | | | 90 |
| 95 | 57.5 | 260.0 | 71,100 * | 61.3 | 263.3 | 81,000 * | | | | | | | 95 |
| 100 | 54.8 | 256.5 | 65,400 * | 58.7 | 260.3 | 74,000 * | | | | | | | 100 |
| 105 | 52.1 | 252.8 | 60,600 * | 56.1 | 257.0 | 68,000 * | 62.3 | 261.6 | 73,600 | | | | 105 |
| 110 | 49.2 | 248.6 | 56,200 * | 53.4 | 253.4 | 62,800 * | 59.8 | 258.8 | 69,400 | | | | 110 |
| 115 | 46.2 | 243.9 | 52,400 * | 50.6 | 249.4 | 58,200 * | 57.2 | 255.6 | 65,600 | | | | 115 |
| 120 | 43.0 | 238.8 | 49,000 * | 47.6 | 245.0 | 54,200 * | 54.5 | 252.2 | 62,200 | | | | 120 |
| 125 | 39.6 | 233.0 | 45,900 * | 44.5 | 240.1 | 50,600 * | 51.7 | 248.4 | 59,000 | | | | 125 |
| 130 | 36.0 | 226.4 | 43,100 * | 41.3 | 234.6 | 47,300 * | 48.9 | 244.1 | 55,800 * | 55.5 | 249.6 | 52,400 | 130 |
| 135 | 32.0 | 218.8 | 40,600 * | 37.7 | 228.4 | 44,400 * | 45.8 | 239.4 | 52,100 * | 52.8 | 245.9 | 49,900 | 135 |
| 140 | 27.5 | 209.8 | 38,300 * | 33.9 | 221.3 | 41,800 * | 42.6 | 234.2 | 48,700 * | 49.9 | 241.8 | 47,600 | 140 |
| 145 | 22.1 | 198.7 | 36,200 * | 29.7 | 213.1 | 39,400 * | 39.2 | 228.3 | 45,600 * | 46.9 | 237.3 | 45,500 | 145 |
| 150 | 14.9 | 183.3 | 34,200 * | 24.8 | 203.1 | 37,200 * | 35.6 | 221.6 | 42,900 * | 43.8 | 232.3 | 43,500 | 150 |
| 155 | | | | 18.6 | 190.2 | 35,100 * | 31.5 | 213.9 | 40,400 * | 40.5 | 226.7 | 41,600 | 155 |
| 160 | | | | 9.0 | 169.0 | 32,900 * | 26.9 | 204.8 | 38,100 * | 36.9 | 220.3 | 39,900 | 160 |
| 165 | | | | | | | 21.4 | 193.3 | 36,000 * | 33.0 | 213.0 | 38,300 | 165 |
| 170 | | | | | | | 13.9 | 177.1 | 34,000 * | 28.7 | 204.4 | 36,800 | 170 |
| 175 | | | | | | | | | | 23.5 | 194.0 | 35,300 | 175 |
| 180 | | | | | | | | | | 17.0 | 180.0 | 33,900 | 180 |
| 185 | | | | | | | | | | 4.5 | 152.2 | 32,500 | 185 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

140 Ft. Boom, 140 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 75 | 69.2 | 281.4 | 98,600 * | | | | | | | | | | 75 |
| 80 | 67.0 | 279.4 | 93,700 * | | | | | | | | | | 80 |
| 85 | 64.7 | 277.1 | 84,700 * | | | | | | | | | | 85 |
| 90 | 62.4 | 274.5 | 77,100 * | 65.8 | 277.0 | 88,800 * | | | | | | | 90 |
| 95 | 60.1 | 271.7 | 70,600 * | 63.5 | 274.6 | 80,600 * | | | | | | | 95 |
| 100 | 57.7 | 268.6 | 65,000 * | 61.2 | 271.9 | 73,600 * | | | | | | | 100 |
| 105 | 55.2 | 265.3 | 60,100 * | 58.8 | 269.0 | 67,600 * | | | | | | | 105 |
| 110 | 52.7 | 261.6 | 55,800 * | 56.4 | 265.7 | 62,400 * | 62.2 | 270.3 | 68,800 | | | | 110 |
| 115 | 50.0 | 257.5 | 52,000 * | 53.9 | 262.2 | 57,800 * | 59.8 | 267.4 | 65,100 | | | | 115 |
| 120 | 47.3 | 253.0 | 48,500 * | 51.3 | 258.3 | 53,700 * | 57.4 | 264.3 | 61,600 | | | | 120 |
| 125 | 44.4 | 248.0 | 45,500 * | 48.6 | 254.0 | 50,100 * | 54.9 | 260.9 | 58,500 | | | | 125 |
| 130 | 41.4 | 242.6 | 42,700 * | 45.8 | 249.3 | 46,900 * | 52.4 | 257.2 | 55,400 * | | | | 130 |
| 135 | 38.1 | 236.4 | 40,100 * | 42.8 | 244.0 | 44,000 * | 49.7 | 253.0 | 51,600 * | 55.8 | 258.3 | 49,300 | 135 |
| 140 | 34.6 | 229.5 | 37,800 * | 39.7 | 238.2 | 41,300 * | 47.0 | 248.5 | 48,200 * | 53.3 | 254.7 | 47,000 | 140 |
| 145 | 30.8 | 221.6 | 35,700 * | 36.3 | 231.7 | 38,900 * | 44.1 | 243.5 | 45,200 * | 50.7 | 250.7 | 44,900 | 145 |
| 150 | 26.4 | 212.2 | 33,800 * | 32.6 | 224.3 | 36,700 * | 41.0 | 237.9 | 42,400 * | 48.0 | 246.3 | 43,000 | 150 |
| 155 | 21.3 | 200.6 | 31,900 * | 28.6 | 215.6 | 34,700 * | 37.7 | 231.7 | 39,900 * | 45.1 | 241.5 | 41,100 | 155 |
| 160 | 14.4 | 184.5 | 30,300 * | 23.8 | 205.2 | 32,800 * | 34.2 | 224.7 | 37,600 * | 42.1 | 236.2 | 39,400 | 160 |
| 165 | | | | 17.9 | 191.8 | 31,100 * | 30.3 | 216.6 | 35,500 * | 38.9 | 230.2 | 37,800 | 165 |
| 170 | | | | 8.7 | 169.7 | 29,200 * | 25.9 | 207.1 | 33,600 * | 35.5 | 223.5 | 36,300 | 170 |
| 175 | | | | | | | 20.6 | 195.1 | 31,800 * | 31.8 | 215.8 | 34,900 | 175 |
| 180 | | | | | | | 13.4 | 178.2 | 30,100 * | 27.6 | 206.9 | 33,500 | 180 |
| 185 | | | | | | | | | | 22.7 | 195.9 | 32,200 | 185 |
| 190 | | | | | | | | | | 16.4 | 181.4 | 30,700 * | 190 |
| 195 | | | | | | | | | | 4.3 | 152.5 | 29,100 * | 195 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

140 Ft. Boom, 150 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 75 | 70.6 | 292.1 | 94,900 * | | | | | | | | | | 75 |
| 80 | 68.6 | 290.2 | 91,900 * | | | | | | | | | | 80 |
| 85 | 66.5 | 288.1 | 85,600 * | | | | | | | | | | 85 |
| 90 | 64.4 | 285.8 | 77,900 * | 67.5 | 288.0 | 89,700 * | | | | | | | 90 |
| 95 | 62.3 | 283.2 | 71,300 * | 65.4 | 285.7 | 81,400 * | | | | | | | 95 |
| 100 | 60.1 | 280.4 | 65,600 * | 63.3 | 283.3 | 74,300 * | | | | | | | 100 |
| 105 | 57.8 | 277.3 | 60,600 * | 61.1 | 280.6 | 68,200 * | | | | | | | 105 |
| 110 | 55.5 | 274.0 | 56,200 * | 58.9 | 277.6 | 62,900 * | | | | | | | 110 |
| 115 | 53.2 | 270.3 | 52,400 * | 56.6 | 274.4 | 58,300 * | 62.0 | 278.9 | 64,600 | | | | 115 |
| 120 | 50.7 | 266.3 | 48,900 * | 54.3 | 270.9 | 54,200 * | 59.8 | 276.1 | 61,200 | | | | 120 |
| 125 | 48.2 | 262.0 | 45,800 * | 51.9 | 267.1 | 50,500 * | 57.6 | 273.0 | 58,000 | | | | 125 |
| 130 | 45.6 | 257.2 | 43,000 * | 49.4 | 262.9 | 47,200 * | 55.3 | 269.6 | 55,200 | | | | 130 |
| 135 | 42.8 | 252.0 | 40,400 * | 46.8 | 258.4 | 44,300 * | 52.9 | 265.9 | 52,000 * | | | | 135 |
| 140 | 39.9 | 246.2 | 38,100 * | 44.1 | 253.4 | 41,600 * | 50.5 | 261.9 | 48,600 * | 56.1 | 267.0 | 46,500 | 140 |
| 145 | 36.8 | 239.8 | 35,900 * | 41.3 | 247.8 | 39,100 * | 47.9 | 257.5 | 45,500 * | 53.8 | 263.5 | 44,400 | 145 |
| 150 | 33.4 | 232.5 | 33,900 * | 38.3 | 241.7 | 36,900 * | 45.3 | 252.7 | 42,700 * | 51.3 | 259.6 | 42,500 | 150 |
| 155 | 29.7 | 224.2 | 32,100 * | 35.0 | 234.9 | 34,900 * | 42.5 | 247.4 | 40,200 * | 48.8 | 255.3 | 40,600 | 155 |
| 160 | 25.5 | 214.4 | 30,400 * | 31.5 | 227.1 | 33,000 * | 39.5 | 241.6 | 37,800 * | 46.2 | 250.6 | 38,900 | 160 |
| 165 | 20.5 | 202.4 | 28,900 * | 27.5 | 218.1 | 31,200 * | 36.4 | 235.0 | 35,700 * | 43.5 | 245.5 | 37,300 | 165 |
| 170 | 13.9 | 185.7 | 26,600 * | 23.0 | 207.3 | 29,600 * | 33.0 | 227.7 | 33,800 * | 40.6 | 239.9 | 35,800 | 170 |
| 175 | | | | 17.3 | 193.3 | 28,100 * | 29.3 | 219.2 | 32,000 * | 37.6 | 233.6 | 34,400 | 175 |
| 180 | | | | 8.4 | 170.4 | 25,100 * | 25.0 | 209.3 | 30,300 * | 34.3 | 226.6 | 33,100 | 180 |
| 185 | | | | | | | 19.9 | 196.9 | 28,700 * | 30.7 | 218.6 | 31,800 | 185 |
| 190 | | | | | | | 12.9 | 179.3 | 27,300 * | 26.6 | 209.2 | 30,600 | 190 |
| 195 | | | | | | | | | | 21.9 | 197.9 | 29,300 * | 195 |
| 200 | | | | | | | | | | 15.8 | 182.8 | 27,800 * | 200 |
| 205 | | | | | | | | | | 4.2 | 152.8 | 26,200 * | 205 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

140 Ft. Boom, 160 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 80 | 70.0 | 300.9 | 84,900 * | | | | | | | | | | 80 |
| 85 | 68.1 | 299.0 | 82,200 * | | | | | | | | | | 85 |
| 90 | 66.1 | 296.8 | 78,200 * | | | | | | | | | | 90 |
| 95 | 64.1 | 294.4 | 71,500 * | 67.0 | 296.7 | 80,700 * | | | | | | | 95 |
| 100 | 62.1 | 291.9 | 65,700 * | 65.1 | 294.4 | 74,600 * | | | | | | | 100 |
| 105 | 60.1 | 289.1 | 60,700 * | 63.1 | 291.9 | 68,400 * | | | | | | | 105 |
| 110 | 58.0 | 286.0 | 56,200 * | 61.0 | 289.2 | 63,000 * | | | | | | | 110 |
| 115 | 55.8 | 282.7 | 52,300 * | 59.0 | 286.3 | 58,300 * | | | | | | | 115 |
| 120 | 53.6 | 279.1 | 48,700 * | 56.8 | 283.1 | 54,100 * | 61.9 | 287.6 | 60,600 | | | | 120 |
| 125 | 51.3 | 275.2 | 45,600 * | 54.7 | 279.6 | 50,400 * | 59.8 | 284.8 | 57,500 | | | | 125 |
| 130 | 49.0 | 270.9 | 42,700 * | 52.4 | 275.9 | 47,000 * | 57.7 | 281.7 | 54,600 | | | | 130 |
| 135 | 46.6 | 266.3 | 40,100 * | 50.1 | 271.8 | 44,000 * | 55.6 | 278.3 | 51,900 * | | | | 135 |
| 140 | 44.0 | 261.3 | 37,800 * | 47.7 | 267.4 | 41,300 * | 53.4 | 274.7 | 48,400 * | | | | 140 |
| 145 | 41.4 | 255.8 | 35,600 * | 45.2 | 262.6 | 38,900 * | 51.1 | 270.8 | 45,300 * | 56.4 | 275.7 | 43,900 | 145 |
| 150 | 38.5 | 249.7 | 33,600 * | 42.6 | 257.3 | 36,600 * | 48.7 | 266.5 | 42,500 * | 54.2 | 272.2 | 41,900 | 150 |
| 155 | 35.5 | 243.0 | 31,800 * | 39.9 | 251.5 | 34,500 * | 46.3 | 261.8 | 39,900 * | 51.9 | 268.4 | 40,100 | 155 |
| 160 | 32.3 | 235.4 | 30,100 * | 37.0 | 245.1 | 32,600 * | 43.7 | 256.7 | 37,500 * | 49.6 | 264.2 | 38,400 | 160 |
| 165 | 28.7 | 226.8 | 28,500 * | 33.9 | 237.9 | 30,900 * | 41.1 | 251.2 | 35,400 * | 47.2 | 259.7 | 36,800 | 165 |
| 170 | 24.7 | 216.6 | 27,000 * | 30.4 | 229.8 | 29,200 * | 38.2 | 245.0 | 33,400 * | 44.7 | 254.8 | 35,300 | 170 |
| 175 | 19.8 | 204.1 | 25,600 * | 26.6 | 220.5 | 27,700 * | 35.2 | 238.2 | 31,600 * | 42.0 | 249.4 | 33,900 | 175 |
| 180 | 13.4 | 186.8 | 23,600 * | 22.2 | 209.2 | 26,300 * | 31.9 | 230.5 | 29,900 * | 39.3 | 243.5 | 32,600 | 180 |
| 185 | | | | 16.7 | 194.7 | 25,000 * | 28.3 | 221.8 | 28,400 * | 36.3 | 236.9 | 31,300 | 185 |
| 190 | | | | 8.1 | 171.1 | 22,300 * | 24.2 | 211.4 | 26,900 * | 33.1 | 229.6 | 30,100 | 190 |
| 195 | | | | | | | 19.2 | 198.5 | 25,500 * | 29.6 | 221.2 | 28,900 * | 195 |
| 200 | | | | | | | 12.5 | 180.4 | 24,200 * | 25.7 | 211.5 | 27,400 * | 200 |
| 205 | | | | | | | | | | 21.1 | 199.7 | 26,000 * | 205 |
| 210 | | | | | | | | | | 15.3 | 184.1 | 24,700 * | 210 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

140 Ft. Boom, 170 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 85 | 69.4 | 309.7 | 77,600 * | | | | | | | | | | 85 |
| 90 | 67.6 | 307.7 | 75,000 * | | | | | | | | | | 90 |
| 95 | 65.8 | 305.5 | 71,200 * | | | | | | | | | | 95 |
| 100 | 63.9 | 303.1 | 65,400 * | 66.6 | 305.4 | 73,200 * | | | | | | | 100 |
| 105 | 62.0 | 300.5 | 60,400 * | 64.8 | 303.1 | 68,100 * | | | | | | | 105 |
| 110 | 60.1 | 297.7 | 55,900 * | 62.9 | 300.6 | 62,700 * | | | | | | | 110 |
| 115 | 58.1 | 294.7 | 52,000 * | 61.0 | 297.9 | 58,000 * | | | | | | | 115 |
| 120 | 56.1 | 291.4 | 48,400 * | 59.0 | 295.0 | 53,800 * | | | | | | | 120 |
| 125 | 54.0 | 287.8 | 45,300 * | 57.0 | 291.8 | 50,100 * | 61.8 | 296.3 | 57,200 | | | | 125 |
| 130 | 51.9 | 284.0 | 42,400 * | 55.0 | 288.4 | 46,700 * | 59.9 | 293.4 | 54,400 | | | | 130 |
| 135 | 49.7 | 279.8 | 39,800 * | 52.9 | 284.7 | 43,800 * | 57.9 | 290.3 | 51,600 * | | | | 135 |
| 140 | 47.4 | 275.4 | 37,500 * | 50.7 | 280.7 | 41,000 * | 55.9 | 287.0 | 48,100 * | | | | 140 |
| 145 | 45.1 | 270.5 | 35,300 * | 48.5 | 276.3 | 38,600 * | 53.8 | 283.4 | 45,000 * | | | | 145 |
| 150 | 42.6 | 265.2 | 33,300 * | 46.2 | 271.7 | 36,300 * | 51.6 | 279.6 | 42,200 * | 56.6 | 284.4 | 41,600 | 150 |
| 155 | 40.1 | 259.5 | 31,500 * | 43.8 | 266.6 | 34,200 * | 49.5 | 275.4 | 39,600 * | 54.5 | 280.9 | 39,800 | 155 |
| 160 | 37.3 | 253.1 | 29,800 * | 41.3 | 261.1 | 32,300 * | 47.2 | 270.9 | 37,200 * | 52.4 | 277.2 | 38,100 | 160 |
| 165 | 34.4 | 246.1 | 28,200 * | 38.6 | 255.0 | 30,600 * | 44.8 | 266.0 | 35,100 * | 50.2 | 273.1 | 36,500 | 165 |
| 170 | 31.3 | 238.2 | 26,700 * | 35.8 | 248.3 | 28,900 * | 42.4 | 260.6 | 33,100 * | 48.0 | 268.7 | 35,000 | 170 |
| 175 | 27.8 | 229.2 | 25,300 * | 32.8 | 240.9 | 27,400 * | 39.8 | 254.8 | 31,300 * | 45.7 | 263.9 | 33,600 | 175 |
| 180 | 23.9 | 218.7 | 24,100 * | 29.5 | 232.5 | 26,000 * | 37.0 | 248.4 | 29,600 * | 43.3 | 258.8 | 32,300 | 180 |
| 185 | 19.2 | 205.8 | 22,900 * | 25.8 | 222.7 | 24,700 * | 34.1 | 241.3 | 28,100 * | 40.7 | 253.1 | 31,100 | 185 |
| 190 | 13.0 | 188.0 | 21,000 * | 21.6 | 211.1 | 23,400 * | 30.9 | 233.3 | 26,600 * | 38.0 | 246.9 | 29,900 | 190 |
| 195 | | | | 16.2 | 196.1 | 22,300 * | 27.4 | 224.2 | 25,200 * | 35.2 | 240.1 | 28,600 * | 195 |
| 200 | | | | 7.8 | 171.8 | 19,900 * | 23.4 | 213.5 | 24,000 * | 32.1 | 232.5 | 27,100 * | 200 |
| 205 | | | | | | | 18.6 | 200.2 | 22,800 * | 28.7 | 223.8 | 25,700 * | 205 |
| 210 | | | | | | | 12.1 | 181.4 | 21,600 * | 24.9 | 213.7 | 24,400 * | 210 |
| 220 | | | | | | | | | | 14.8 | 185.4 | 22,000 * | 220 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

140 Ft. Boom, 180 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 85 | 70.6 | 320.4 | 72,800 * | | | | | | | | | | 85 |
| 90 | 68.9 | 318.5 | 69,900 * | | | | | | | | | | 90 |
| 95 | 67.2 | 316.5 | 67,000 * | | | | | | | | | | 95 |
| 100 | 65.5 | 314.2 | 64,200 * | | | | | | | | | | 100 |
| 105 | 63.7 | 311.8 | 59,800 * | 66.3 | 314.1 | 65,300 * | | | | | | | 105 |
| 110 | 61.9 | 309.2 | 55,400 * | 64.5 | 311.8 | 62,200 * | | | | | | | 110 |
| 115 | 60.1 | 306.4 | 51,400 * | 62.7 | 309.3 | 57,400 * | | | | | | | 115 |
| 120 | 58.2 | 303.3 | 47,900 * | 60.9 | 306.6 | 53,300 * | | | | | | | 120 |
| 125 | 56.3 | 300.1 | 44,700 * | 59.1 | 303.6 | 49,500 * | | | | | | | 125 |
| 130 | 54.4 | 296.6 | 41,900 * | 57.2 | 300.5 | 46,200 * | 61.7 | 304.9 | 53,800 | | | | 130 |
| 135 | 52.4 | 292.8 | 39,300 * | 55.3 | 297.1 | 43,200 * | 59.9 | 302.1 | 51,100 * | | | | 135 |
| 140 | 50.3 | 288.7 | 36,900 * | 53.3 | 293.4 | 40,500 * | 58.0 | 299.0 | 47,600 * | | | | 140 |
| 145 | 48.2 | 284.4 | 34,800 * | 51.3 | 289.5 | 38,000 * | 56.1 | 295.7 | 44,500 * | | | | 145 |
| 150 | 46.0 | 279.6 | 32,800 * | 49.2 | 285.3 | 35,800 * | 54.1 | 292.2 | 41,600 * | | | | 150 |
| 155 | 43.7 | 274.5 | 30,900 * | 47.1 | 280.7 | 33,700 * | 52.1 | 288.4 | 39,100 * | 56.8 | 293.1 | 39,300 | 155 |
| 160 | 41.4 | 269.0 | 29,200 * | 44.8 | 275.8 | 31,800 * | 50.1 | 284.3 | 36,700 * | 54.8 | 289.6 | 37,600 | 160 |
| 165 | 38.9 | 263.0 | 27,700 * | 42.5 | 270.5 | 30,000 * | 48.0 | 279.9 | 34,600 * | 52.9 | 285.9 | 36,000 | 165 |
| 170 | 36.2 | 256.4 | 26,200 * | 40.1 | 264.7 | 28,400 * | 45.8 | 275.1 | 32,600 * | 50.8 | 281.9 | 34,500 | 170 |
| 175 | 33.4 | 249.1 | 24,800 * | 37.5 | 258.4 | 26,900 * | 43.5 | 270.0 | 30,800 * | 48.7 | 277.7 | 33,100 | 175 |
| 180 | 30.4 | 240.9 | 23,500 * | 34.8 | 251.5 | 25,500 * | 41.1 | 264.4 | 29,100 * | 46.6 | 273.0 | 31,800 | 180 |
| 185 | 27.0 | 231.6 | 22,300 * | 31.8 | 243.7 | 24,100 * | 38.6 | 258.3 | 27,500 * | 44.3 | 268.0 | 30,600 | 185 |
| 190 | 23.2 | 220.8 | 21,200 * | 28.6 | 235.0 | 22,900 * | 35.9 | 251.7 | 26,100 * | 42.0 | 262.6 | 29,400 | 190 |
| 195 | 18.7 | 207.4 | 20,100 * | 25.1 | 225.0 | 21,700 * | 33.1 | 244.3 | 24,700 * | 39.5 | 256.7 | 28,100 * | 195 |
| 200 | 12.6 | 189.0 | 18,500 * | 20.9 | 212.9 | 20,600 * | 30.0 | 236.0 | 23,400 * | 36.9 | 250.3 | 26,600 * | 200 |
| 205 | | | | 15.8 | 197.5 | 19,600 * | 26.6 | 226.6 | 22,200 * | 34.1 | 243.2 | 25,200 * | 205 |
| 210 | | | | 7.6 | 172.4 | 17,500 * | 22.7 | 215.5 | 21,100 * | 31.2 | 235.3 | 23,900 * | 210 |
| 220 | | | | | | | 11.7 | 182.4 | 19,000 * | 24.2 | 215.9 | 21,500 * | 220 |
| 230 | | | | | | | | | | 14.4 | 186.6 | 19,400 * | 230 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

140 Ft. Boom, 190 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 90 | 70.1 | 329.2 | 65,400 * | | | | | | | | | | 90 |
| 95 | 68.5 | 327.3 | 62,700 * | | | | | | | | | | 95 |
| 100 | 66.8 | 325.2 | 60,100 * | | | | | | | | | | 100 |
| 105 | 65.2 | 322.9 | 57,400 * | 67.6 | 325.0 | 61,100 * | | | | | | | 105 |
| 110 | 63.5 | 320.5 | 54,800 * | 66.0 | 322.9 | 58,600 * | | | | | | | 110 |
| 115 | 61.8 | 317.9 | 50,900 * | 64.3 | 320.5 | 56,000 * | | | | | | | 115 |
| 120 | 60.1 | 315.0 | 47,400 * | 62.6 | 317.9 | 52,800 * | | | | | | | 120 |
| 125 | 58.3 | 312.0 | 44,300 * | 60.9 | 315.2 | 49,100 * | | | | | | | 125 |
| 130 | 56.5 | 308.8 | 41,400 * | 59.1 | 312.3 | 45,700 * | | | | | | | 130 |
| 135 | 54.7 | 305.3 | 38,800 * | 57.4 | 309.1 | 42,700 * | 61.6 | 313.6 | 50,600 * | | | | 135 |
| 140 | 52.8 | 301.6 | 36,400 * | 55.5 | 305.8 | 40,000 * | 59.9 | 310.7 | 47,100 * | | | | 140 |
| 145 | 50.9 | 297.6 | 34,300 * | 53.7 | 302.2 | 37,500 * | 58.1 | 307.7 | 44,000 * | | | | 145 |
| 150 | 48.9 | 293.3 | 32,300 * | 51.8 | 298.3 | 35,300 * | 56.3 | 304.4 | 41,100 * | | | | 150 |
| 155 | 46.8 | 288.7 | 30,400 * | 49.8 | 294.2 | 33,200 * | 54.5 | 300.9 | 38,600 * | | | | 155 |
| 160 | 44.7 | 283.8 | 28,700 * | 47.8 | 289.7 | 31,300 * | 52.6 | 297.2 | 36,200 * | 57.0 | 301.8 | 37,100 | 160 |
| 165 | 42.5 | 278.5 | 27,200 * | 45.7 | 285.0 | 29,500 * | 50.6 | 293.1 | 34,100 * | 55.1 | 298.4 | 35,500 | 165 |
| 170 | 40.2 | 272.7 | 25,700 * | 43.6 | 279.8 | 27,900 * | 48.6 | 288.8 | 32,100 * | 53.3 | 294.7 | 34,100 | 170 |
| 175 | 37.8 | 266.4 | 24,300 * | 41.3 | 274.3 | 26,400 * | 46.6 | 284.2 | 30,300 * | 51.3 | 290.8 | 32,700 | 175 |
| 180 | 35.2 | 259.6 | 23,000 * | 38.9 | 268.3 | 25,000 * | 44.5 | 279.2 | 28,600 * | 49.4 | 286.6 | 31,400 | 180 |
| 185 | 32.5 | 252.0 | 21,800 * | 36.5 | 261.7 | 23,700 * | 42.3 | 273.9 | 27,000 * | 47.3 | 282.1 | 30,100 | 185 |
| 190 | 29.5 | 243.6 | 20,700 * | 33.8 | 254.5 | 22,400 * | 39.9 | 268.1 | 25,600 * | 45.2 | 277.2 | 29,000 | 190 |
| 195 | 26.3 | 234.0 | 19,700 * | 31.0 | 246.5 | 21,300 * | 37.5 | 261.7 | 24,200 * | 43.1 | 272.0 | 27,600 * | 195 |
| 200 | 22.6 | 222.8 | 18,600 * | 27.9 | 237.5 | 20,200 * | 34.9 | 254.8 | 22,900 * | 40.8 | 266.4 | 26,100 * | 200 |
| 205 | 18.2 | 209.0 | 17,700 * | 24.4 | 227.1 | 19,100 * | 32.2 | 247.2 | 21,700 * | 38.4 | 260.2 | 24,700 * | 205 |
| 210 | 12.3 | 190.1 | 16,200 * | 20.4 | 214.7 | 18,100 * | 29.2 | 238.6 | 20,600 * | 35.9 | 253.5 | 23,400 * | 210 |
| 220 | | | | 7.4 | 173.0 | 15,300 * | 22.1 | 217.4 | 18,600 * | 30.3 | 238.0 | 21,000 * | 220 |
| 230 | | | | | | | 11.4 | 183.4 | 16,700 * | 23.5 | 217.9 | 18,900 * | 230 |
| 240 | | | | | | | | | | 14.0 | 187.8 | 17,100 * | 240 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

140 Ft. Boom, 200 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 95 | 69.6 | 338.0 | 56,300 * | | | | | | | | | | 95 |
| 100 | 68.1 | 336.1 | 53,800 * | | | | | | | | | | 100 |
| 105 | 66.5 | 333.9 | 51,300 * | | | | | | | | | | 105 |
| 110 | 64.9 | 331.6 | 48,800 * | 67.2 | 333.8 | 52,400 * | | | | | | | 110 |
| 115 | 63.3 | 329.2 | 46,500 * | 65.7 | 331.6 | 50,000 * | | | | | | | 115 |
| 120 | 61.7 | 326.5 | 44,200 * | 64.1 | 329.2 | 47,600 * | | | | | | | 120 |
| 125 | 60.1 | 323.7 | 42,000 * | 62.5 | 326.6 | 45,300 * | | | | | | | 125 |
| 130 | 58.4 | 320.7 | 39,800 * | 60.8 | 323.9 | 43,100 * | | | | | | | 130 |
| 135 | 56.7 | 317.4 | 37,800 * | 59.2 | 320.9 | 40,900 * | | | | | | | 135 |
| 140 | 54.9 | 314.0 | 35,800 * | 57.5 | 317.8 | 38,900 * | 61.5 | 322.2 | 43,800 * | | | | 140 |
| 145 | 53.2 | 310.3 | 33,900 * | 55.8 | 314.5 | 36,900 * | 59.9 | 319.4 | 41,700 * | | | | 145 |
| 150 | 51.3 | 306.4 | 32,100 * | 54.0 | 310.9 | 35,000 * | 58.2 | 316.4 | 39,700 * | | | | 150 |
| 155 | 49.5 | 302.2 | 30,200 * | 52.2 | 307.1 | 33,000 * | 56.5 | 313.1 | 37,700 * | | | | 155 |
| 160 | 47.5 | 297.7 | 28,500 * | 50.4 | 303.0 | 31,100 * | 54.7 | 309.6 | 35,800 * | | | | 160 |
| 165 | 45.6 | 292.9 | 26,900 * | 48.5 | 298.7 | 29,300 * | 53.0 | 305.9 | 33,900 * | 57.1 | 310.5 | 35,000 | 165 |
| 170 | 43.5 | 287.8 | 25,400 * | 46.5 | 294.1 | 27,600 * | 51.1 | 302.0 | 31,900 * | 55.4 | 307.1 | 33,500 | 170 |
| 175 | 41.4 | 282.2 | 24,000 * | 44.5 | 289.1 | 26,100 * | 49.3 | 297.8 | 30,100 * | 53.6 | 303.5 | 32,100 | 175 |
| 180 | 39.1 | 276.3 | 22,700 * | 42.4 | 283.7 | 24,700 * | 47.3 | 293.2 | 28,300 * | 51.8 | 299.6 | 30,800 | 180 |
| 185 | 36.8 | 269.8 | 21,500 * | 40.2 | 278.0 | 23,300 * | 45.3 | 288.4 | 26,800 * | 49.9 | 295.5 | 29,600 | 185 |
| 190 | 34.3 | 262.7 | 20,300 * | 37.9 | 271.7 | 22,100 * | 43.3 | 283.2 | 25,300 * | 48.0 | 291.1 | 28,400 | 190 |
| 195 | 31.6 | 254.9 | 19,300 * | 35.5 | 264.9 | 20,900 * | 41.1 | 277.6 | 23,900 * | 46.1 | 286.3 | 27,300 * | 195 |
| 200 | 28.8 | 246.1 | 18,300 * | 32.9 | 257.5 | 19,800 * | 38.9 | 271.6 | 22,600 * | 44.0 | 281.3 | 25,800 * | 200 |
| 205 | 25.6 | 236.2 | 17,200 * | 30.2 | 249.2 | 18,700 * | 36.5 | 265.0 | 21,400 * | 41.9 | 275.9 | 24,400 * | 205 |
| 210 | 22.0 | 224.7 | 16,200 * | 27.1 | 239.9 | 17,800 * | 34.0 | 257.9 | 20,300 * | 39.7 | 270.0 | 23,100 * | 210 |
| 220 | 11.9 | 191.1 | 14,100 * | 19.8 | 216.5 | 15,800 * | 28.4 | 241.1 | 18,200 * | 34.9 | 256.7 | 20,700 * | 220 |
| 230 | | | | 7.2 | 173.6 | 13,300 * | 21.5 | 219.3 | 16,300 * | 29.5 | 240.6 | 18,600 * | 230 |
| 240 | | | | | | | 11.1 | 184.3 | 14,600 * | 22.9 | 220.0 | 16,700 * | 240 |
| 250 | | | | | | | | | | 13.6 | 189.0 | 14,900 * | 250 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

160 Ft. Boom, 70 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 55 | 67.0 | 234.8 | 180,000 *b | | | | | | | | | | 55 |
| 60 | 62.5 | 232.4 | 160,100 *b | | | | | | | | | | 60 |
| 65 | 57.7 | 229.4 | 137,400 *b | 65.6 | 232.8 | 144,000 b | | | | | | | 65 |
| 70 | 52.6 | 225.7 | 120,000 * | 61.0 | 230.1 | 131,100 b | | | | | | | 70 |
| 75 | 47.2 | 221.4 | 106,400 * | 56.1 | 226.9 | 120,300 b | | | | | | | 75 |
| 80 | 41.2 | 216.0 | 95,300 * | 50.9 | 223.1 | 111,000 | | | | | | | 80 |
| 85 | 34.4 | 209.3 | 86,200 * | 45.3 | 218.4 | 102,600 * | 59.8 | 226.2 | 96,300 b | | | | 85 |
| 90 | 26.0 | 200.4 | 78,500 * | 39.1 | 212.7 | 92,200 * | 54.9 | 222.9 | 89,800 b | | | | 90 |
| 95 | 13.0 | 185.3 | 72,000 * | 31.9 | 205.4 | 83,600 * | 49.6 | 218.9 | 84,000 | | | | 95 |
| 100 | | | | 22.6 | 195.3 | 76,300 * | 43.9 | 214.0 | 78,800 | | | | 100 |
| 105 | | | | | | | 37.5 | 208.0 | 74,200 | 53.3 | 217.4 | 69,100 | 105 |
| 110 | | | | | | | 29.9 | 200.2 | 70,000 | 47.9 | 213.1 | 65,200 | 110 |
| 115 | | | | | | | 19.7 | 188.8 | 66,100 | 42.0 | 207.9 | 61,700 | 115 |
| 120 | | | | | | | | | | 35.3 | 201.4 | 58,500 | 120 |
| 125 | | | | | | | | | | 27.2 | 192.8 | 55,500 | 125 |
| 130 | | | | | | | | | | 15.3 | 179.2 | 52,700 | 130 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

160 Ft. Boom, 80 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 55 | 70.1 | 245.6 | 175,800 *b | | | | | | | | | | 55 |
| 60 | 66.2 | 243.5 | 161,200 *b | | | | | | | | | | 60 |
| 65 | 62.2 | 241.0 | 138,200 *b | | | | | | | | | | 65 |
| 70 | 58.0 | 238.0 | 120,700 * | 64.9 | 241.4 | 130,600 b | | | | | | | 70 |
| 75 | 53.6 | 234.5 | 106,900 * | 60.8 | 238.8 | 119,800 b | | | | | | | 75 |
| 80 | 49.0 | 230.4 | 95,700 * | 56.6 | 235.6 | 110,500 | | | | | | | 80 |
| 85 | 43.9 | 225.5 | 86,500 * | 52.1 | 231.9 | 102,500 | | | | | | | 85 |
| 90 | 38.4 | 219.5 | 78,800 * | 47.4 | 227.6 | 92,600 * | 59.8 | 234.9 | 89,200 | | | | 90 |
| 95 | 32.0 | 212.2 | 72,200 * | 42.2 | 222.4 | 83,900 * | 55.5 | 231.6 | 83,400 | | | | 95 |
| 100 | 24.2 | 202.5 | 66,500 * | 36.5 | 216.0 | 76,600 * | 51.0 | 227.8 | 78,300 | | | | 100 |
| 105 | 12.0 | 186.3 | 61,500 * | 29.7 | 208.1 | 70,300 * | 46.2 | 223.2 | 73,700 | | | | 105 |
| 110 | | | | 21.1 | 197.1 | 64,900 * | 40.9 | 217.8 | 69,500 | 54.2 | 226.1 | 64,600 | 110 |
| 115 | | | | | | | 34.9 | 211.1 | 65,800 | 49.6 | 222.1 | 61,100 | 115 |
| 120 | | | | | | | 27.9 | 202.6 | 62,300 | 44.6 | 217.3 | 57,900 | 120 |
| 125 | | | | | | | 18.4 | 190.4 | 59,100 | 39.1 | 211.5 | 55,000 | 125 |
| 130 | | | | | | | | | | 32.9 | 204.4 | 52,300 | 130 |
| 135 | | | | | | | | | | 25.3 | 195.1 | 49,800 | 135 |
| 140 | | | | | | | | | | 14.2 | 180.4 | 47,500 | 140 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

160 Ft. Boom, 90 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 60 | 69.0 | 254.4 | 154,900 *b | | | | | | | | | | 60 |
| 65 | 65.5 | 252.2 | 138,800 *b | | | | | | | | | | 65 |
| 70 | 61.9 | 249.7 | 121,200 * | 67.9 | 252.4 | 130,200 b | | | | | | | 70 |
| 75 | 58.2 | 246.7 | 107,300 * | 64.4 | 250.1 | 119,400 b | | | | | | | 75 |
| 80 | 54.3 | 243.3 | 96,000 * | 60.7 | 247.4 | 110,100 | | | | | | | 80 |
| 85 | 50.3 | 239.3 | 86,800 * | 57.0 | 244.3 | 102,100 | | | | | | | 85 |
| 90 | 45.9 | 234.7 | 79,000 * | 53.1 | 240.7 | 92,900 * | | | | | | | 90 |
| 95 | 41.3 | 229.3 | 72,400 * | 48.9 | 236.5 | 84,100 * | 59.8 | 243.6 | 82,900 | | | | 95 |
| 100 | 36.1 | 222.8 | 66,700 * | 44.5 | 231.7 | 76,800 * | 56.1 | 240.3 | 77,800 | | | | 100 |
| 105 | 30.1 | 214.9 | 61,700 * | 39.7 | 226.0 | 70,500 * | 52.1 | 236.6 | 73,300 | | | | 105 |
| 110 | 22.7 | 204.5 | 57,300 * | 34.3 | 219.1 | 65,000 * | 47.9 | 232.3 | 69,100 | | | | 110 |
| 115 | 11.3 | 187.3 | 53,400 * | 27.9 | 210.6 | 60,200 * | 43.4 | 227.2 | 65,400 | 54.9 | 234.9 | 60,700 | 115 |
| 120 | | | | 19.8 | 198.8 | 56,000 * | 38.4 | 221.3 | 62,000 | 50.8 | 231.0 | 57,500 | 120 |
| 125 | | | | | | | 32.8 | 214.1 | 58,900 | 46.5 | 226.4 | 54,600 | 125 |
| 130 | | | | | | | 26.2 | 205.0 | 56,000 | 41.9 | 221.1 | 52,000 | 130 |
| 135 | | | | | | | 17.3 | 191.9 | 53,300 | 36.8 | 214.9 | 49,500 | 135 |
| 140 | | | | | | | | | | 30.9 | 207.2 | 47,200 | 140 |
| 145 | | | | | | | | | | 23.8 | 197.2 | 45,100 | 145 |
| 150 | | | | | | | | | | 13.4 | 181.6 | 43,100 | 150 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

160 Ft. Boom, 100 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 65 | 68.1 | 263.2 | 136,100 *b | | | | | | | | | | 65 |
| 70 | 65.0 | 260.9 | 122,100 * | | | | | | | | | | 70 |
| 75 | 61.7 | 258.3 | 107,900 * | 67.1 | 261.2 | 118,800 | | | | | | | 75 |
| 80 | 58.4 | 255.4 | 96,500 * | 63.9 | 258.8 | 109,600 | | | | | | | 80 |
| 85 | 54.9 | 252.0 | 87,100 * | 60.7 | 256.1 | 101,600 | | | | | | | 85 |
| 90 | 51.3 | 248.1 | 79,200 * | 57.3 | 253.0 | 93,300 * | | | | | | | 90 |
| 95 | 47.5 | 243.7 | 72,500 * | 53.8 | 249.5 | 84,400 * | | | | | | | 95 |
| 100 | 43.4 | 238.7 | 66,700 * | 50.1 | 245.5 | 77,000 * | 59.9 | 252.2 | 77,200 | | | | 100 |
| 105 | 39.0 | 232.8 | 61,700 * | 46.2 | 240.9 | 70,600 * | 56.5 | 249.0 | 72,700 | | | | 105 |
| 110 | 34.1 | 225.9 | 57,300 * | 42.1 | 235.6 | 65,100 * | 52.9 | 245.4 | 68,600 | | | | 110 |
| 115 | 28.5 | 217.4 | 53,400 * | 37.5 | 229.4 | 60,200 * | 49.2 | 241.2 | 64,900 | | | | 115 |
| 120 | 21.5 | 206.4 | 49,900 * | 32.4 | 222.1 | 56,000 * | 45.2 | 236.5 | 61,500 | 55.4 | 243.6 | 56,900 | 120 |
| 125 | 10.7 | 188.1 | 46,700 * | 26.4 | 212.9 | 52,200 * | 41.0 | 231.0 | 58,400 | 51.8 | 239.8 | 54,000 | 125 |
| 130 | | | | 18.7 | 200.5 | 48,800 * | 36.3 | 224.6 | 55,600 | 48.0 | 235.5 | 51,400 | 130 |
| 135 | | | | | | | 31.1 | 216.9 | 52,900 | 44.0 | 230.5 | 48,900 | 135 |
| 140 | | | | | | | 24.8 | 207.1 | 50,500 | 39.6 | 224.8 | 46,700 | 140 |
| 145 | | | | | | | 16.3 | 193.3 | 48,100 * | 34.8 | 218.0 | 44,600 | 145 |
| 150 | | | | | | | | | | 29.3 | 209.8 | 42,600 | 150 |
| 155 | | | | | | | | | | 22.5 | 199.1 | 40,800 | 155 |
| 160 | | | | | | | | | | 12.6 | 182.6 | 39,000 | 160 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

160 Ft. Boom, 110 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 65 | 70.2 | 273.9 | 131,100 * | | | | | | | | | | 65 |
| 70 | 67.4 | 271.9 | 124,800 * | | | | | | | | | | 70 |
| 75 | 64.5 | 269.6 | 110,300 * | | | | | | | | | | 75 |
| 80 | 61.6 | 267.0 | 98,700 * | 66.5 | 269.9 | 109,100 | | | | | | | 80 |
| 85 | 58.5 | 264.0 | 89,000 * | 63.6 | 267.5 | 101,100 | | | | | | | 85 |
| 90 | 55.4 | 260.7 | 80,900 * | 60.6 | 264.8 | 94,200 | | | | | | | 90 |
| 95 | 52.2 | 257.0 | 74,100 * | 57.5 | 261.7 | 86,300 * | | | | | | | 95 |
| 100 | 48.7 | 252.7 | 68,200 * | 54.4 | 258.2 | 78,600 * | 62.9 | 263.7 | 76,700 | | | | 100 |
| 105 | 45.1 | 247.9 | 63,000 * | 51.1 | 254.3 | 72,100 * | 59.9 | 260.9 | 72,200 | | | | 105 |
| 110 | 41.3 | 242.5 | 58,500 * | 47.6 | 249.9 | 66,500 * | 56.8 | 257.7 | 68,100 | | | | 110 |
| 115 | 37.1 | 236.2 | 54,500 * | 43.9 | 244.9 | 61,500 * | 53.6 | 254.1 | 64,400 | | | | 115 |
| 120 | 32.5 | 228.8 | 50,900 * | 40.0 | 239.2 | 57,200 * | 50.3 | 250.1 | 61,000 | | | | 120 |
| 125 | 27.1 | 219.9 | 47,700 * | 35.7 | 232.7 | 53,300 * | 46.7 | 245.6 | 57,900 | 55.8 | 252.3 | 53,500 | 125 |
| 130 | 20.5 | 208.1 | 44,800 * | 30.8 | 224.8 | 49,900 * | 43.0 | 240.5 | 55,100 | 52.6 | 248.6 | 50,800 | 130 |
| 135 | 10.1 | 189.0 | 41,200 * | 25.2 | 215.1 | 46,800 * | 39.0 | 234.6 | 52,500 | 49.2 | 244.4 | 48,400 | 135 |
| 140 | | | | 17.8 | 202.0 | 44,000 * | 34.6 | 227.7 | 50,100 | 45.6 | 239.7 | 46,200 | 140 |
| 145 | | | | | | | 29.6 | 219.5 | 47,900 | 41.8 | 234.4 | 44,100 | 145 |
| 150 | | | | | | | 23.6 | 209.2 | 45,800 | 37.7 | 228.2 | 42,200 | 150 |
| 155 | | | | | | | 15.5 | 194.6 | 43,300 * | 33.1 | 221.0 | 40,400 | 155 |
| 160 | | | | | | | | | | 27.9 | 212.3 | 38,700 | 160 |
| 165 | | | | | | | | | | 21.4 | 201.0 | 37,100 | 165 |
| 170 | | | | | | | | | | 12.0 | 183.7 | 35,600 | 170 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

160 Ft. Boom, 120 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 70 | 69.4 | 282.7 | 116,400 * | | | | | | | | | | 70 |
| 75 | 66.8 | 280.6 | 111,100 * | | | | | | | | | | 75 |
| 80 | 64.1 | 278.3 | 99,200 * | | | | | | | | | | 80 |
| 85 | 61.4 | 275.7 | 89,400 * | 65.9 | 278.6 | 100,600 | | | | | | | 85 |
| 90 | 58.7 | 272.7 | 81,200 * | 63.3 | 276.2 | 93,600 | | | | | | | 90 |
| 95 | 55.8 | 269.4 | 74,200 * | 60.6 | 273.4 | 86,600 * | | | | | | | 95 |
| 100 | 52.8 | 265.7 | 68,200 * | 57.8 | 270.4 | 78,800 * | | | | | | | 100 |
| 105 | 49.8 | 261.6 | 63,000 * | 54.9 | 267.0 | 72,200 * | 62.6 | 272.3 | 71,600 | | | | 105 |
| 110 | 46.5 | 257.1 | 58,400 * | 51.9 | 263.1 | 66,500 * | 59.9 | 269.5 | 67,500 | | | | 110 |
| 115 | 43.1 | 251.9 | 54,400 * | 48.7 | 258.9 | 61,500 * | 57.1 | 266.4 | 63,800 | | | | 115 |
| 120 | 39.4 | 246.1 | 50,800 * | 45.4 | 254.2 | 57,100 * | 54.2 | 262.9 | 60,500 | | | | 120 |
| 125 | 35.4 | 239.4 | 47,500 * | 41.9 | 248.8 | 53,200 * | 51.1 | 259.0 | 57,400 | | | | 125 |
| 130 | 31.0 | 231.6 | 44,600 * | 38.2 | 242.7 | 49,700 * | 48.0 | 254.6 | 54,600 | 56.2 | 261.0 | 50,200 | 130 |
| 135 | 25.9 | 222.1 | 42,000 * | 34.1 | 235.7 | 46,600 * | 44.6 | 249.7 | 52,000 | 53.2 | 257.4 | 47,800 | 135 |
| 140 | 19.6 | 209.8 | 39,500 * | 29.5 | 227.5 | 43,700 * | 41.1 | 244.2 | 49,600 | 50.2 | 253.3 | 45,600 | 140 |
| 145 | 9.7 | 189.8 | 36,400 * | 24.0 | 217.3 | 41,200 * | 37.2 | 238.0 | 47,400 | 47.0 | 248.8 | 43,600 | 145 |
| 150 | | | | 17.0 | 203.5 | 38,800 * | 33.0 | 230.7 | 45,300 | 43.6 | 243.8 | 41,700 | 150 |
| 155 | | | | | | | 28.2 | 222.0 | 43,100 * | 39.9 | 238.0 | 39,900 | 155 |
| 160 | | | | | | | 22.5 | 211.2 | 40,600 * | 36.0 | 231.5 | 38,200 | 160 |
| 165 | | | | | | | 14.9 | 195.9 | 38,300 * | 31.6 | 223.8 | 36,600 | 165 |
| 170 | | | | | | | | | | 26.6 | 214.6 | 35,200 | 170 |
| 175 | | | | | | | | | | 20.5 | 202.8 | 33,700 | 175 |
| 180 | | | | | | | | | | 11.5 | 184.6 | 32,400 | 180 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

160 Ft. Boom, 130 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 75 | 68.7 | 291.5 | 105,500 * | | | | | | | | | | 75 |
| 80 | 66.3 | 289.4 | 99,100 * | | | | | | | | | | 80 |
| 85 | 63.8 | 287.0 | 89,300 * | 67.9 | 289.5 | 100,300 | | | | | | | 85 |
| 90 | 61.3 | 284.3 | 81,100 * | 65.5 | 287.3 | 93,400 | | | | | | | 90 |
| 95 | 58.8 | 281.4 | 74,100 * | 63.0 | 284.8 | 86,500 * | | | | | | | 95 |
| 100 | 56.1 | 278.1 | 68,100 * | 60.5 | 282.1 | 78,700 * | | | | | | | 100 |
| 105 | 53.4 | 274.5 | 62,900 * | 57.9 | 279.0 | 72,100 * | | | | | | | 105 |
| 110 | 50.6 | 270.5 | 58,300 * | 55.3 | 275.7 | 66,400 * | 62.4 | 281.0 | 67,200 | | | | 110 |
| 115 | 47.7 | 266.1 | 54,200 * | 52.5 | 271.9 | 61,300 * | 59.9 | 278.2 | 63,600 | | | | 115 |
| 120 | 44.6 | 261.2 | 50,600 * | 49.7 | 267.8 | 56,900 * | 57.3 | 275.1 | 60,200 | | | | 120 |
| 125 | 41.3 | 255.7 | 47,400 * | 46.7 | 263.3 | 53,000 * | 54.6 | 271.6 | 57,200 | | | | 125 |
| 130 | 37.8 | 249.5 | 44,500 * | 43.5 | 258.2 | 49,600 * | 51.8 | 267.8 | 54,400 | | | | 130 |
| 135 | 34.0 | 242.5 | 41,800 * | 40.2 | 252.5 | 46,400 * | 49.0 | 263.6 | 51,800 | 56.5 | 269.7 | 47,600 | 135 |
| 140 | 29.7 | 234.3 | 39,400 * | 36.6 | 246.1 | 43,600 * | 45.9 | 258.9 | 49,400 | 53.8 | 266.1 | 45,400 | 140 |
| 145 | 24.8 | 224.3 | 37,200 * | 32.7 | 238.7 | 41,000 * | 42.8 | 253.7 | 47,200 | 51.0 | 262.2 | 43,300 | 145 |
| 150 | 18.8 | 211.5 | 35,100 * | 28.3 | 230.0 | 38,700 * | 39.4 | 247.8 | 45,200 | 48.1 | 257.8 | 41,400 | 150 |
| 155 | 9.3 | 190.6 | 32,500 * | 23.1 | 219.3 | 36,500 * | 35.7 | 241.2 | 43,000 * | 45.0 | 253.0 | 39,700 | 155 |
| 160 | | | | 16.3 | 204.9 | 34,500 * | 31.7 | 233.5 | 40,500 * | 41.7 | 247.6 | 38,000 | 160 |
| 165 | | | | | | | 27.1 | 224.4 | 38,200 * | 38.3 | 241.5 | 36,500 | 165 |
| 170 | | | | | | | 21.6 | 213.1 | 36,100 * | 34.5 | 234.6 | 35,000 | 170 |
| 175 | | | | | | | 14.2 | 197.1 | 34,100 * | 30.3 | 226.5 | 33,600 | 175 |
| 180 | | | | | | | | | | 25.5 | 216.9 | 32,300 | 180 |
| 185 | | | | | | | | | | 19.7 | 204.5 | 31,100 | 185 |
| 190 | | | | | | | | | | 11.0 | 185.5 | 29,800 | 190 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

160 Ft. Boom, 140 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 75 | 70.3 | 302.2 | 98,800 * | | | | | | | | | | 75 |
| 80 | 68.1 | 300.3 | 95,600 * | | | | | | | | | | 80 |
| 85 | 65.8 | 298.1 | 88,900 * | | | | | | | | | | 85 |
| 90 | 63.6 | 295.7 | 80,700 * | 67.3 | 298.3 | 92,900 | | | | | | | 90 |
| 95 | 61.2 | 293.0 | 73,700 * | 65.1 | 296.0 | 86,100 * | | | | | | | 95 |
| 100 | 58.9 | 290.0 | 67,600 * | 62.8 | 293.5 | 78,300 * | | | | | | | 100 |
| 105 | 56.4 | 286.8 | 62,400 * | 60.5 | 290.7 | 71,700 * | | | | | | | 105 |
| 110 | 53.9 | 283.3 | 57,800 * | 58.1 | 287.7 | 65,900 * | | | | | | | 110 |
| 115 | 51.3 | 279.4 | 53,800 * | 55.6 | 284.4 | 60,900 * | 62.3 | 289.7 | 63,000 | | | | 115 |
| 120 | 48.6 | 275.1 | 50,200 * | 53.1 | 280.7 | 56,500 * | 59.9 | 286.9 | 59,700 | | | | 120 |
| 125 | 45.8 | 270.4 | 46,900 * | 50.5 | 276.7 | 52,600 * | 57.5 | 283.8 | 56,600 | | | | 125 |
| 130 | 42.9 | 265.2 | 44,000 * | 47.7 | 272.3 | 49,100 * | 55.0 | 280.3 | 53,800 | | | | 130 |
| 135 | 39.7 | 259.4 | 41,300 * | 44.9 | 267.4 | 46,000 * | 52.5 | 276.6 | 51,300 | | | | 135 |
| 140 | 36.4 | 252.8 | 38,900 * | 41.9 | 262.0 | 43,100 * | 49.8 | 272.5 | 48,900 | 56.7 | 278.4 | 44,800 | 140 |
| 145 | 32.7 | 245.4 | 36,700 * | 38.7 | 256.0 | 40,600 * | 47.1 | 268.0 | 46,700 | 54.2 | 274.9 | 42,800 | 145 |
| 150 | 28.6 | 236.8 | 34,700 * | 35.2 | 249.2 | 38,200 * | 44.2 | 263.0 | 44,700 | 51.7 | 271.0 | 40,900 | 150 |
| 155 | 23.9 | 226.4 | 32,800 * | 31.4 | 241.5 | 36,100 * | 41.1 | 257.5 | 42,500 * | 49.0 | 266.8 | 39,100 | 155 |
| 160 | 18.1 | 213.0 | 31,100 * | 27.2 | 232.4 | 34,100 * | 37.9 | 251.3 | 40,000 * | 46.2 | 262.1 | 37,500 | 160 |
| 165 | 8.9 | 191.3 | 28,800 * | 22.2 | 221.2 | 32,300 * | 34.3 | 244.3 | 37,700 * | 43.2 | 257.0 | 35,900 | 165 |
| 170 | | | | 15.7 | 206.2 | 30,600 * | 30.5 | 236.3 | 35,600 * | 40.1 | 251.3 | 34,500 | 170 |
| 175 | | | | | | | 26.1 | 226.7 | 33,700 * | 36.8 | 244.9 | 33,100 | 175 |
| 180 | | | | | | | 20.8 | 214.9 | 31,900 * | 33.2 | 237.6 | 31,800 | 180 |
| 185 | | | | | | | 13.7 | 198.3 | 30,200 * | 29.2 | 229.2 | 30,600 | 185 |
| 190 | | | | | | | | | | 24.6 | 219.1 | 29,400 | 190 |
| 195 | | | | | | | | | | 18.9 | 206.2 | 28,300 | 195 |
| 200 | | | | | | | | | | 10.6 | 186.4 | 27,200 | 200 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

160 Ft. Boom, 150 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 80 | 69.6 | 311.0 | 91,900 * | | | | | | | | | | 80 |
| 85 | 67.5 | 309.0 | 89,200 * | | | | | | | | | | 85 |
| 90 | 65.4 | 306.8 | 81,500 * | | | | | | | | | | 90 |
| 95 | 63.3 | 304.3 | 74,400 * | 66.9 | 307.0 | 86,300 | | | | | | | 95 |
| 100 | 61.2 | 301.6 | 68,300 * | 64.8 | 304.7 | 79,100 * | | | | | | | 100 |
| 105 | 58.9 | 298.7 | 63,000 * | 62.6 | 302.2 | 72,300 * | | | | | | | 105 |
| 110 | 56.7 | 295.5 | 58,300 * | 60.4 | 299.4 | 66,500 * | | | | | | | 110 |
| 115 | 54.3 | 292.0 | 54,200 * | 58.2 | 296.4 | 61,400 * | | | | | | | 115 |
| 120 | 51.9 | 288.2 | 50,500 * | 55.9 | 293.1 | 57,000 * | 62.1 | 298.3 | 59,200 | | | | 120 |
| 125 | 49.4 | 284.0 | 47,300 * | 53.6 | 289.5 | 53,000 * | 59.9 | 295.5 | 56,100 | | | | 125 |
| 130 | 46.9 | 279.5 | 44,300 * | 51.1 | 285.6 | 49,500 * | 57.7 | 292.4 | 53,300 | | | | 130 |
| 135 | 44.2 | 274.5 | 41,600 * | 48.6 | 281.3 | 46,300 * | 55.4 | 289.1 | 50,800 | | | | 135 |
| 140 | 41.3 | 269.0 | 39,200 * | 46.0 | 276.6 | 43,400 * | 53.0 | 285.4 | 48,400 | | | | 140 |
| 145 | 38.3 | 262.8 | 36,900 * | 43.3 | 271.4 | 40,800 * | 50.5 | 281.4 | 46,200 | 57.0 | 287.1 | 42,200 | 145 |
| 150 | 35.1 | 256.0 | 34,900 * | 40.4 | 265.7 | 38,400 * | 48.0 | 277.0 | 44,200 | 54.6 | 283.6 | 40,400 | 150 |
| 155 | 31.5 | 248.3 | 33,000 * | 37.3 | 259.4 | 36,300 * | 45.4 | 272.2 | 42,300 | 52.2 | 279.8 | 38,600 | 155 |
| 160 | 27.6 | 239.3 | 31,200 * | 34.0 | 252.3 | 34,300 * | 42.6 | 266.9 | 40,200 * | 49.8 | 275.7 | 37,000 | 160 |
| 165 | 23.1 | 228.5 | 29,600 * | 30.3 | 244.2 | 32,400 * | 39.6 | 261.1 | 37,900 * | 47.2 | 271.2 | 35,400 | 165 |
| 170 | 17.4 | 214.6 | 28,100 * | 26.2 | 234.7 | 30,700 * | 36.5 | 254.6 | 35,800 * | 44.5 | 266.3 | 34,000 | 170 |
| 175 | 8.6 | 192.0 | 24,800 * | 21.4 | 223.1 | 29,100 * | 33.1 | 247.3 | 33,800 * | 41.7 | 260.8 | 32,600 | 175 |
| 180 | | | | 15.2 | 207.5 | 27,600 * | 29.4 | 238.9 | 32,000 * | 38.7 | 254.8 | 31,400 | 180 |
| 185 | | | | | | | 25.2 | 229.0 | 30,300 * | 35.5 | 248.1 | 30,200 | 185 |
| 190 | | | | | | | 20.1 | 216.7 | 28,800 * | 32.0 | 240.5 | 29,000 | 190 |
| 195 | | | | | | | 13.2 | 199.4 | 27,300 * | 28.2 | 231.7 | 27,900 | 195 |
| 200 | | | | | | | | | | 23.7 | 221.1 | 26,900 | 200 |
| 205 | | | | | | | | | | 18.3 | 207.8 | 25,900 | 205 |
| 210 | | | | | | | | | | 10.2 | 187.3 | 24,900 | 210 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

160 Ft. Boom, 160 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 80 | 70.9 | 321.7 | 84,900 * | | | | | | | | | | 80 |
| 85 | 69.0 | 319.8 | 82,300 * | | | | | | | | | | 85 |
| 90 | 67.1 | 317.7 | 79,900 * | | | | | | | | | | 90 |
| 95 | 65.1 | 315.5 | 74,700 * | | | | | | | | | | 95 |
| 100 | 63.1 | 313.0 | 68,500 * | 66.4 | 315.7 | 78,900 * | | | | | | | 100 |
| 105 | 61.1 | 310.3 | 63,100 * | 64.5 | 313.4 | 72,600 * | | | | | | | 105 |
| 110 | 59.0 | 307.4 | 58,300 * | 62.5 | 310.8 | 66,700 * | | | | | | | 110 |
| 115 | 56.9 | 304.2 | 54,100 * | 60.4 | 308.1 | 61,500 * | | | | | | | 115 |
| 120 | 54.7 | 300.7 | 50,400 * | 58.3 | 305.0 | 56,900 * | | | | | | | 120 |
| 125 | 52.5 | 297.0 | 47,100 * | 56.2 | 301.8 | 52,900 * | 62.0 | 307.0 | 55,600 | | | | 125 |
| 130 | 50.2 | 292.9 | 44,100 * | 54.0 | 298.2 | 49,300 * | 59.9 | 304.2 | 52,800 | | | | 130 |
| 135 | 47.8 | 288.5 | 41,400 * | 51.7 | 294.4 | 46,100 * | 57.8 | 301.1 | 50,200 | | | | 135 |
| 140 | 45.3 | 283.7 | 38,900 * | 49.4 | 290.2 | 43,200 * | 55.7 | 297.8 | 47,900 | | | | 140 |
| 145 | 42.7 | 278.4 | 36,600 * | 47.0 | 285.6 | 40,600 * | 53.4 | 294.1 | 45,700 | | | | 145 |
| 150 | 39.9 | 272.6 | 34,600 * | 44.5 | 280.7 | 38,200 * | 51.2 | 290.2 | 43,700 | 57.2 | 295.7 | 39,800 | 150 |
| 155 | 37.0 | 266.2 | 32,700 * | 41.8 | 275.3 | 36,000 * | 48.8 | 286.0 | 41,800 | 55.0 | 292.3 | 38,000 | 155 |
| 160 | 33.9 | 259.1 | 30,900 * | 39.0 | 269.3 | 33,900 * | 46.4 | 281.3 | 40,000 * | 52.8 | 288.6 | 36,400 | 160 |
| 165 | 30.5 | 251.0 | 29,300 * | 36.1 | 262.7 | 32,100 * | 43.8 | 276.2 | 37,600 * | 50.5 | 284.6 | 34,900 | 165 |
| 170 | 26.7 | 241.6 | 27,700 * | 32.8 | 255.3 | 30,400 * | 41.2 | 270.7 | 35,500 * | 48.1 | 280.2 | 33,400 | 170 |
| 175 | 22.3 | 230.4 | 26,300 * | 29.3 | 246.8 | 28,800 * | 38.3 | 264.6 | 33,500 * | 45.6 | 275.4 | 32,100 | 175 |
| 180 | 16.8 | 216.0 | 25,000 * | 25.4 | 237.0 | 27,300 * | 35.3 | 257.8 | 31,700 * | 43.0 | 270.2 | 30,800 | 180 |
| 185 | 8.3 | 192.7 | 22,000 * | 20.7 | 224.9 | 25,900 * | 32.0 | 250.2 | 30,000 * | 40.3 | 264.5 | 29,600 | 185 |
| 190 | | | | 14.7 | 208.8 | 24,600 * | 28.4 | 241.4 | 28,400 * | 37.4 | 258.2 | 28,500 | 190 |
| 195 | | | | | | | 24.3 | 231.1 | 26,900 * | 34.3 | 251.2 | 27,400 | 195 |
| 200 | | | | | | | 19.4 | 218.4 | 25,600 * | 31.0 | 243.2 | 26,400 | 200 |
| 205 | | | | | | | 12.8 | 200.5 | 24,300 * | 27.2 | 234.1 | 25,400 | 205 |
| 210 | | | | | | | | | | 22.9 | 223.2 | 24,500 | 210 |
| 220 | | | | | | | | | | 9.9 | 188.1 | 22,700 | 220 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

160 Ft. Boom, 170 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 85 | 70.3 | 330.5 | 77,600 * | | | | | | | | | | 85 |
| 90 | 68.5 | 328.6 | 75,300 * | | | | | | | | | | 90 |
| 95 | 66.7 | 326.5 | 72,700 * | | | | | | | | | | 95 |
| 100 | 64.8 | 324.2 | 68,200 * | 67.9 | 326.6 | 74,200 * | | | | | | | 100 |
| 105 | 62.9 | 321.7 | 62,800 * | 66.1 | 324.4 | 71,600 * | | | | | | | 105 |
| 110 | 61.0 | 319.0 | 58,000 * | 64.2 | 322.1 | 66,400 * | | | | | | | 110 |
| 115 | 59.1 | 316.0 | 53,800 * | 62.3 | 319.5 | 61,200 * | | | | | | | 115 |
| 120 | 57.1 | 312.9 | 50,100 * | 60.4 | 316.7 | 56,600 * | | | | | | | 120 |
| 125 | 55.0 | 309.4 | 46,800 * | 58.4 | 313.7 | 52,600 * | | | | | | | 125 |
| 130 | 52.9 | 305.7 | 43,800 * | 56.4 | 310.5 | 49,000 * | 61.9 | 315.7 | 52,500 | | | | 130 |
| 135 | 50.8 | 301.8 | 41,100 * | 54.4 | 307.0 | 45,800 * | 59.9 | 312.8 | 50,000 | | | | 135 |
| 140 | 48.5 | 297.4 | 38,600 * | 52.2 | 303.2 | 42,900 * | 57.9 | 309.8 | 47,600 | | | | 140 |
| 145 | 46.2 | 292.8 | 36,300 * | 50.1 | 299.1 | 40,300 * | 55.9 | 306.5 | 45,400 | | | | 145 |
| 150 | 43.8 | 287.7 | 34,300 * | 47.8 | 294.7 | 37,900 * | 53.9 | 302.9 | 43,400 | | | | 150 |
| 155 | 41.3 | 282.2 | 32,400 * | 45.5 | 289.9 | 35,700 * | 51.7 | 299.0 | 41,500 | 57.3 | 304.4 | 37,800 | 155 |
| 160 | 38.7 | 276.1 | 30,600 * | 43.0 | 284.7 | 33,600 * | 49.5 | 294.9 | 39,700 * | 55.3 | 301.0 | 36,100 | 160 |
| 165 | 35.9 | 269.5 | 29,000 * | 40.5 | 279.0 | 31,800 * | 47.3 | 290.4 | 37,300 * | 53.2 | 297.4 | 34,600 | 165 |
| 170 | 32.9 | 262.0 | 27,400 * | 37.8 | 272.7 | 30,100 * | 44.9 | 285.5 | 35,200 * | 51.1 | 293.4 | 33,200 | 170 |
| 175 | 29.6 | 253.6 | 26,000 * | 34.9 | 265.8 | 28,500 * | 42.4 | 280.2 | 33,200 * | 48.8 | 289.2 | 31,800 | 175 |
| 180 | 25.9 | 243.9 | 24,700 * | 31.8 | 258.1 | 27,000 * | 39.9 | 274.3 | 31,400 * | 46.5 | 284.5 | 30,600 | 180 |
| 185 | 21.6 | 232.3 | 23,400 * | 28.4 | 249.3 | 25,600 * | 37.1 | 268.0 | 29,700 * | 44.2 | 279.5 | 29,400 | 185 |
| 190 | 16.3 | 217.4 | 22,300 * | 24.6 | 239.1 | 24,300 * | 34.2 | 260.9 | 28,100 * | 41.7 | 274.1 | 28,300 | 190 |
| 195 | 8.0 | 193.4 | 19,500 * | 20.1 | 226.7 | 23,100 * | 31.0 | 252.9 | 26,600 * | 39.0 | 268.1 | 27,200 | 195 |
| 200 | | | | 14.2 | 210.0 | 21,900 * | 27.5 | 243.9 | 25,300 * | 36.3 | 261.5 | 26,200 | 200 |
| 205 | | | | | | | 23.6 | 233.2 | 24,000 * | 33.3 | 254.2 | 25,200 | 205 |
| 210 | | | | | | | 18.8 | 220.0 | 22,800 * | 30.0 | 245.9 | 24,300 | 210 |
| 220 | | | | | | | | | | 22.2 | 225.1 | 22,500 | 220 |
| 230 | | | | | | | | | | 9.5 | 188.9 | 20,900 | 230 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

160 Ft. Boom, 180 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 90 | 69.8 | 339.3 | 70,500 * | | | | | | | | | | 90 |
| 95 | 68.0 | 337.3 | 67,700 * | | | | | | | | | | 95 |
| 100 | 66.3 | 335.2 | 65,000 * | | | | | | | | | | 100 |
| 105 | 64.6 | 332.9 | 62,200 * | 67.5 | 335.3 | 66,500 * | | | | | | | 105 |
| 110 | 62.8 | 330.3 | 57,500 * | 65.7 | 333.1 | 63,900 * | | | | | | | 110 |
| 115 | 61.0 | 327.6 | 53,300 * | 64.0 | 330.8 | 60,700 * | | | | | | | 115 |
| 120 | 59.1 | 324.7 | 49,600 * | 62.2 | 328.2 | 56,100 * | | | | | | | 120 |
| 125 | 57.2 | 321.5 | 46,300 * | 60.4 | 325.4 | 52,100 * | | | | | | | 125 |
| 130 | 55.3 | 318.2 | 43,300 * | 58.5 | 322.4 | 48,500 * | | | | | | | 130 |
| 135 | 53.3 | 314.5 | 40,500 * | 56.6 | 319.2 | 45,300 * | 61.8 | 324.3 | 49,400 | | | | 135 |
| 140 | 51.3 | 310.6 | 38,100 * | 54.7 | 315.7 | 42,400 * | 59.9 | 321.5 | 47,100 | | | | 140 |
| 145 | 49.2 | 306.4 | 35,800 * | 52.7 | 312.0 | 39,700 * | 58.1 | 318.4 | 44,900 | | | | 145 |
| 150 | 47.1 | 301.8 | 33,700 * | 50.7 | 307.9 | 37,300 * | 56.2 | 315.2 | 42,900 | | | | 150 |
| 155 | 44.9 | 296.9 | 31,800 * | 48.6 | 303.6 | 35,100 * | 54.2 | 311.6 | 41,000 | | | | 155 |
| 160 | 42.5 | 291.6 | 30,100 * | 46.4 | 299.0 | 33,100 * | 52.2 | 307.8 | 39,100 * | 57.5 | 313.1 | 35,600 | 160 |
| 165 | 40.1 | 285.8 | 28,400 * | 44.1 | 293.9 | 31,200 * | 50.2 | 303.8 | 36,800 * | 55.6 | 309.7 | 34,000 | 165 |
| 170 | 37.5 | 279.5 | 26,900 * | 41.8 | 288.5 | 29,500 * | 48.0 | 299.4 | 34,600 * | 53.6 | 306.1 | 32,600 | 170 |
| 175 | 34.8 | 272.6 | 25,500 * | 39.3 | 282.6 | 27,900 * | 45.8 | 294.6 | 32,700 * | 51.6 | 302.2 | 31,300 | 175 |
| 180 | 31.9 | 264.9 | 24,200 * | 36.7 | 276.1 | 26,400 * | 43.6 | 289.5 | 30,800 * | 49.5 | 298.1 | 30,000 | 180 |
| 185 | 28.7 | 256.2 | 22,900 * | 33.9 | 268.9 | 25,100 * | 41.2 | 283.9 | 29,100 * | 47.4 | 293.6 | 28,800 | 185 |
| 190 | 25.1 | 246.2 | 21,800 * | 30.9 | 260.9 | 23,800 * | 38.7 | 277.9 | 27,600 * | 45.2 | 288.7 | 27,700 | 190 |
| 195 | 21.0 | 234.2 | 20,700 * | 27.6 | 251.8 | 22,500 * | 36.0 | 271.2 | 26,100 * | 42.8 | 283.5 | 26,700 | 195 |
| 200 | 15.9 | 218.8 | 19,600 * | 23.9 | 241.2 | 21,400 * | 33.2 | 263.9 | 24,800 * | 40.4 | 277.8 | 25,600 | 200 |
| 205 | 7.8 | 194.1 | 17,100 * | 19.5 | 228.4 | 20,300 * | 30.1 | 255.6 | 23,500 * | 37.9 | 271.5 | 24,700 | 205 |
| 210 | | | | 13.8 | 211.2 | 19,300 * | 26.7 | 246.2 | 22,300 * | 35.2 | 264.7 | 23,800 | 210 |
| 220 | | | | | | | 18.3 | 221.6 | 20,100 * | 29.1 | 248.5 | 22,100 | 220 |
| 230 | | | | | | | | | | 21.6 | 227.0 | 20,500 | 230 |
| 240 | | | | | | | | | | 9.3 | 189.7 | 18,800 * | 240 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

160 Ft. Boom, 190 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 90 | 70.9 | 350.0 | 65,700 * | | | | | | | | | | 90 |
| 95 | 69.3 | 348.1 | 63,300 * | | | | | | | | | | 95 |
| 100 | 67.6 | 346.1 | 60,800 * | | | | | | | | | | 100 |
| 105 | 66.0 | 343.9 | 58,300 * | | | | | | | | | | 105 |
| 110 | 64.3 | 341.6 | 55,800 * | 67.1 | 344.1 | 59,700 * | | | | | | | 110 |
| 115 | 62.6 | 339.0 | 52,800 * | 65.5 | 341.8 | 57,300 * | | | | | | | 115 |
| 120 | 60.9 | 336.3 | 49,100 * | 63.8 | 339.4 | 54,900 * | | | | | | | 120 |
| 125 | 59.2 | 333.4 | 45,800 * | 62.1 | 336.8 | 51,600 * | | | | | | | 125 |
| 130 | 57.4 | 330.2 | 42,800 * | 60.3 | 334.0 | 48,000 * | | | | | | | 130 |
| 135 | 55.6 | 326.9 | 40,000 * | 58.6 | 331.0 | 44,800 * | | | | | | | 135 |
| 140 | 53.7 | 323.3 | 37,600 * | 56.8 | 327.8 | 41,900 * | 61.7 | 333.0 | 46,600 | | | | 140 |
| 145 | 51.8 | 319.4 | 35,300 * | 55.0 | 324.4 | 39,200 * | 59.9 | 330.2 | 44,400 | | | | 145 |
| 150 | 49.8 | 315.3 | 33,200 * | 53.1 | 320.7 | 36,800 * | 58.2 | 327.1 | 42,400 | | | | 150 |
| 155 | 47.8 | 310.8 | 31,300 * | 51.2 | 316.8 | 34,600 * | 56.4 | 323.9 | 40,600 | | | | 155 |
| 160 | 45.7 | 306.1 | 29,600 * | 49.2 | 312.6 | 32,600 * | 54.5 | 320.4 | 38,700 * | | | | 160 |
| 165 | 43.6 | 300.9 | 27,900 * | 47.2 | 308.0 | 30,700 * | 52.6 | 316.6 | 36,300 * | 57.6 | 321.8 | 33,600 | 165 |
| 170 | 41.3 | 295.4 | 26,400 * | 45.1 | 303.1 | 29,000 * | 50.7 | 312.6 | 34,100 * | 55.8 | 318.4 | 32,200 | 170 |
| 175 | 39.0 | 289.4 | 25,000 * | 42.9 | 297.9 | 27,400 * | 48.7 | 308.3 | 32,200 * | 53.9 | 314.9 | 30,800 | 175 |
| 180 | 36.5 | 282.9 | 23,700 * | 40.6 | 292.2 | 25,900 * | 46.7 | 303.7 | 30,300 * | 52.1 | 311.0 | 29,600 | 180 |
| 185 | 33.9 | 275.7 | 22,400 * | 38.2 | 286.0 | 24,600 * | 44.5 | 298.7 | 28,700 * | 50.1 | 307.0 | 28,400 | 185 |
| 190 | 31.0 | 267.7 | 21,300 * | 35.7 | 279.3 | 23,300 * | 42.3 | 293.4 | 27,100 * | 48.1 | 302.6 | 27,300 | 190 |
| 195 | 27.9 | 258.7 | 20,200 * | 33.0 | 271.9 | 22,100 * | 40.0 | 287.6 | 25,600 * | 46.0 | 297.8 | 26,200 | 195 |
| 200 | 24.4 | 248.3 | 19,100 * | 30.0 | 263.6 | 20,900 * | 37.6 | 281.3 | 24,300 * | 43.9 | 292.8 | 25,200 | 200 |
| 205 | 20.4 | 236.0 | 18,200 * | 26.8 | 254.2 | 19,800 * | 35.0 | 274.4 | 23,000 * | 41.6 | 287.3 | 24,300 | 205 |
| 210 | 15.4 | 220.1 | 17,200 * | 23.2 | 243.3 | 18,800 * | 32.3 | 266.8 | 21,800 * | 39.3 | 281.3 | 23,300 | 210 |
| 220 | | | | 13.4 | 212.4 | 16,900 * | 26.0 | 248.5 | 19,600 * | 34.2 | 267.8 | 21,700 | 220 |
| 230 | | | | | | | 17.8 | 223.2 | 17,700 * | 28.3 | 251.0 | 20,100 | 230 |
| 240 | | | | | | | | | | 21.0 | 228.9 | 18,300 * | 240 |
| 250 | | | | | | | | | | 9.0 | 190.5 | 16,500 * | 250 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

160 Ft. Boom, 200 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 95 | 70.3 | 358.8 | 56,900 * | | | | | | | | | | 95 |
| 100 | 68.8 | 356.9 | 54,500 * | | | | | | | | | | 100 |
| 105 | 67.3 | 354.8 | 52,200 * | | | | | | | | | | 105 |
| 110 | 65.7 | 352.6 | 49,800 * | | | | | | | | | | 110 |
| 115 | 64.1 | 350.2 | 47,400 * | 66.8 | 352.8 | 51,200 * | | | | | | | 115 |
| 120 | 62.5 | 347.7 | 45,100 * | 65.2 | 350.5 | 48,900 * | | | | | | | 120 |
| 125 | 60.9 | 344.9 | 42,900 * | 63.6 | 348.1 | 46,600 * | | | | | | | 125 |
| 130 | 59.2 | 342.0 | 40,800 * | 62.0 | 345.5 | 44,400 * | | | | | | | 130 |
| 135 | 57.5 | 338.9 | 38,800 * | 60.3 | 342.7 | 42,300 * | | | | | | | 135 |
| 140 | 55.8 | 335.6 | 36,800 * | 58.7 | 339.7 | 40,200 * | | | | | | | 140 |
| 145 | 54.0 | 332.0 | 34,900 * | 57.0 | 336.5 | 38,200 * | 61.6 | 341.7 | 43,600 * | | | | 145 |
| 150 | 52.2 | 328.2 | 33,100 * | 55.2 | 333.1 | 36,300 * | 59.9 | 338.8 | 41,600 * | | | | 150 |
| 155 | 50.4 | 324.1 | 31,100 * | 53.5 | 329.5 | 34,400 * | 58.3 | 335.8 | 39,600 * | | | | 155 |
| 160 | 48.5 | 319.8 | 29,300 * | 51.6 | 325.6 | 32,400 * | 56.5 | 332.5 | 37,700 * | | | | 160 |
| 165 | 46.5 | 315.2 | 27,700 * | 49.8 | 321.5 | 30,500 * | 54.8 | 329.1 | 35,900 * | | | | 165 |
| 170 | 44.5 | 310.2 | 26,100 * | 47.9 | 317.0 | 28,800 * | 53.0 | 325.4 | 34,000 * | 57.7 | 330.4 | 31,600 | 170 |
| 175 | 42.4 | 304.8 | 24,700 * | 45.9 | 312.3 | 27,200 * | 51.2 | 321.4 | 32,000 * | 56.0 | 327.1 | 30,300 | 175 |
| 180 | 40.2 | 299.1 | 23,300 * | 43.9 | 307.2 | 25,700 * | 49.3 | 317.2 | 30,100 * | 54.3 | 323.6 | 29,000 | 180 |
| 185 | 37.9 | 292.9 | 22,100 * | 41.7 | 301.7 | 24,200 * | 47.4 | 312.7 | 28,400 * | 52.5 | 319.8 | 27,800 | 185 |
| 190 | 35.5 | 286.1 | 20,900 * | 39.5 | 295.8 | 22,900 * | 45.4 | 307.9 | 26,800 * | 50.6 | 315.8 | 26,700 | 190 |
| 195 | 33.0 | 278.6 | 19,800 * | 37.2 | 289.4 | 21,700 * | 43.3 | 302.7 | 25,300 * | 48.7 | 311.5 | 25,700 | 195 |
| 200 | 30.2 | 270.4 | 18,700 * | 34.7 | 282.4 | 20,500 * | 41.2 | 297.2 | 23,900 * | 46.8 | 306.9 | 24,700 | 200 |
| 205 | 27.2 | 261.1 | 17,800 * | 32.1 | 274.7 | 19,500 * | 39.0 | 291.1 | 22,600 * | 44.8 | 302.0 | 23,700 | 205 |
| 210 | 23.8 | 250.4 | 16,700 * | 29.3 | 266.2 | 18,400 * | 36.6 | 284.6 | 21,400 * | 42.7 | 296.7 | 22,800 | 210 |
| 220 | 15.0 | 221.4 | 14,900 * | 22.6 | 245.3 | 16,600 * | 31.4 | 269.6 | 19,200 * | 38.3 | 284.8 | 21,100 | 220 |
| 230 | | | | 13.1 | 213.5 | 14,700 * | 25.3 | 250.8 | 17,300 * | 33.3 | 270.8 | 19,600 | 230 |
| 240 | | | | | | | 17.3 | 224.7 | 15,500 * | 27.6 | 253.5 | 17,900 * | 240 |
| 250 | | | | | | | | | | 20.4 | 230.6 | 16,100 * | 250 |
| 260 | | | | | | | | | | 8.8 | 191.2 | 14,400 * | 260 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

180 Ft. Boom, 70 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 60 | 64.7 | 253.5 | 163,600 b | | | | | | | | | | 60 |
| 65 | 60.0 | 250.7 | 147,600 * b | | | | | | | | | | 65 |
| 70 | 55.1 | 247.4 | 127,900 * b | 64.2 | 251.7 | 128,300 b | | | | | | | 70 |
| 75 | 49.9 | 243.5 | 112,700 * | 59.5 | 248.9 | 117,600 b | | | | | | | 75 |
| 80 | 44.2 | 238.6 | 100,400 * | 54.6 | 245.5 | 108,600 b | | | | | | | 80 |
| 85 | 37.8 | 232.7 | 90,400 * | 49.3 | 241.5 | 100,700 | | | | | | | 85 |
| 90 | 30.3 | 225.0 | 82,100 * | 43.5 | 236.5 | 93,800 | 60.0 | 245.7 | 86,100 b | | | | 90 |
| 95 | 20.4 | 213.9 | 75,100 * | 37.1 | 230.4 | 87,700 | 55.1 | 242.3 | 80,600 b | | | | 95 |
| 100 | | | | 29.4 | 222.4 | 81,300 * | 49.8 | 238.4 | 75,600 | | | | 100 |
| 105 | | | | 18.9 | 210.7 | 74,300 * | 44.1 | 233.5 | 71,200 | | | | 105 |
| 110 | | | | | | | 37.7 | 227.5 | 67,200 | 55.2 | 237.5 | 61,200 b | 110 |
| 115 | | | | | | | 30.2 | 219.8 | 63,500 | 50.0 | 233.6 | 57,900 | 115 |
| 120 | | | | | | | 20.2 | 208.6 | 60,100 | 44.3 | 228.8 | 54,900 | 120 |
| 125 | | | | | | | | | | 37.9 | 222.8 | 52,100 | 125 |
| 130 | | | | | | | | | | 30.4 | 215.1 | 49,500 | 130 |
| 135 | | | | | | | | | | 20.5 | 204.1 | 47,100 | 135 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

180 Ft. Boom, 80 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 60 | 68.1 | 264.5 | 163,200 b | | | | | | | | | | 60 |
| 65 | 64.1 | 262.2 | 147,300 b | | | | | | | | | | 65 |
| 70 | 60.0 | 259.4 | 128,700 * b | 67.6 | 262.7 | 127,700 b | | | | | | | 70 |
| 75 | 55.8 | 256.1 | 113,200 * | 63.7 | 260.4 | 117,100 b | | | | | | | 75 |
| 80 | 51.3 | 252.3 | 100,900 * | 59.6 | 257.6 | 108,000 b | | | | | | | 80 |
| 85 | 46.4 | 247.8 | 90,800 * | 55.3 | 254.3 | 100,200 | | | | | | | 85 |
| 90 | 41.2 | 242.4 | 82,400 * | 50.7 | 250.4 | 93,400 | | | | | | | 90 |
| 95 | 35.3 | 235.9 | 75,300 * | 45.9 | 245.8 | 87,300 | 60.0 | 254.3 | 79,900 b | | | | 95 |
| 100 | 28.3 | 227.5 | 69,200 * | 40.5 | 240.3 | 81,600 * | 55.7 | 251.1 | 75,000 | | | | 100 |
| 105 | 19.0 | 215.5 | 63,900 * | 34.5 | 233.5 | 74,600 * | 51.2 | 247.2 | 70,600 | | | | 105 |
| 110 | | | | 27.4 | 224.9 | 68,600 * | 46.4 | 242.7 | 66,600 | | | | 110 |
| 115 | | | | 17.6 | 212.2 | 63,400 * | 41.1 | 237.3 | 63,000 | 55.8 | 246.3 | 57,200 | 115 |
| 120 | | | | | | | 35.2 | 230.7 | 59,700 | 51.3 | 242.4 | 54,200 | 120 |
| 125 | | | | | | | 28.2 | 222.3 | 56,700 | 46.5 | 237.9 | 51,500 | 125 |
| 130 | | | | | | | 18.8 | 210.3 | 53,900 | 41.2 | 232.6 | 49,000 | 130 |
| 135 | | | | | | | | | | 35.3 | 226.0 | 46,600 | 135 |
| 140 | | | | | | | | | | 28.4 | 217.7 | 44,500 | 140 |
| 145 | | | | | | | | | | 19.1 | 205.8 | 42,400 | 145 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

180 Ft. Boom, 90 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 60 | 70.6 | 275.2 | 158,200 *b | | | | | | | | | | 60 |
| 65 | 67.2 | 273.2 | 146,900 b | | | | | | | | | | 65 |
| 70 | 63.7 | 270.8 | 129,200 * | | | | | | | | | | 70 |
| 75 | 60.0 | 268.1 | 113,700 * | 66.8 | 271.5 | 116,700 b | | | | | | | 75 |
| 80 | 56.3 | 264.9 | 101,200 * | 63.3 | 269.1 | 107,600 | | | | | | | 80 |
| 85 | 52.3 | 261.1 | 91,100 * | 59.6 | 266.2 | 99,800 | | | | | | | 85 |
| 90 | 48.1 | 256.9 | 82,600 * | 55.8 | 263.0 | 93,000 | | | | | | | 90 |
| 95 | 43.6 | 251.9 | 75,500 * | 51.8 | 259.2 | 86,900 | | | | | | | 95 |
| 100 | 38.7 | 246.0 | 69,400 * | 47.6 | 254.8 | 81,600 | 60.0 | 263.0 | 74,500 | | | | 100 |
| 105 | 33.1 | 238.8 | 64,000 * | 43.1 | 249.8 | 74,800 * | 56.2 | 259.8 | 70,200 | | | | 105 |
| 110 | 26.6 | 229.8 | 59,400 * | 38.1 | 243.7 | 68,700 * | 52.2 | 256.0 | 66,200 | | | | 110 |
| 115 | 17.8 | 217.1 | 55,200 * | 32.4 | 236.4 | 63,500 * | 48.0 | 251.8 | 62,600 | | | | 115 |
| 120 | | | | 25.7 | 227.1 | 58,900 * | 43.5 | 246.7 | 59,400 | 56.3 | 255.0 | 53,700 | 120 |
| 125 | | | | 16.5 | 213.6 | 54,800 * | 38.6 | 240.8 | 56,400 | 52.3 | 251.3 | 51,000 | 125 |
| 130 | | | | | | | 33.0 | 233.7 | 53,600 | 48.1 | 247.0 | 48,500 | 130 |
| 135 | | | | | | | 26.5 | 224.6 | 51,100 | 43.6 | 242.0 | 46,200 | 135 |
| 140 | | | | | | | 17.7 | 211.8 | 48,700 | 38.7 | 236.1 | 44,100 | 140 |
| 145 | | | | | | | | | | 33.2 | 229.0 | 42,100 | 145 |
| 150 | | | | | | | | | | 26.6 | 220.0 | 40,300 | 150 |
| 155 | | | | | | | | | | 17.9 | 207.3 | 38,500 | 155 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

180 Ft. Boom, 100 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 65 | 69.6 | 284.0 | 138,800 *b | | | | | | | | | | 65 |
| 70 | 66.5 | 281.9 | 130,300 * | | | | | | | | | | 70 |
| 75 | 63.3 | 279.5 | 114,400 * | | | | | | | | | | 75 |
| 80 | 60.0 | 276.7 | 101,800 * | 66.1 | 280.2 | 107,000 | | | | | | | 80 |
| 85 | 56.6 | 273.5 | 91,500 * | 62.9 | 277.7 | 99,200 | | | | | | | 85 |
| 90 | 53.1 | 269.9 | 82,900 * | 59.6 | 274.9 | 92,400 | | | | | | | 90 |
| 95 | 49.4 | 265.8 | 75,700 * | 56.2 | 271.7 | 86,400 | | | | | | | 95 |
| 100 | 45.5 | 261.1 | 69,400 * | 52.7 | 268.0 | 81,100 | | | | | | | 100 |
| 105 | 41.2 | 255.7 | 64,100 * | 49.0 | 263.8 | 74,900 * | 60.0 | 271.6 | 69,500 | | | | 105 |
| 110 | 36.6 | 249.3 | 59,400 * | 45.0 | 259.0 | 68,800 * | 56.6 | 268.5 | 65,600 | | | | 110 |
| 115 | 31.4 | 241.7 | 55,200 * | 40.7 | 253.5 | 63,500 * | 53.0 | 264.8 | 62,000 | | | | 115 |
| 120 | 25.1 | 232.1 | 51,500 * | 36.0 | 247.0 | 58,900 * | 49.3 | 260.7 | 58,800 | | | | 120 |
| 125 | 16.9 | 218.5 | 48,200 * | 30.7 | 239.2 | 54,800 * | 45.4 | 256.0 | 55,800 | 56.7 | 263.7 | 50,300 | 125 |
| 130 | | | | 24.3 | 229.3 | 51,100 * | 41.2 | 250.5 | 53,100 | 53.1 | 260.0 | 47,900 | 130 |
| 135 | | | | 15.6 | 215.0 | 47,900 * | 36.5 | 244.2 | 50,600 | 49.4 | 255.9 | 45,600 | 135 |
| 140 | | | | | | | 31.3 | 236.5 | 48,300 | 45.5 | 251.2 | 43,500 | 140 |
| 145 | | | | | | | 25.0 | 226.9 | 46,100 | 41.3 | 245.8 | 41,500 | 145 |
| 150 | | | | | | | 16.7 | 213.2 | 44,000 | 36.6 | 239.4 | 39,700 | 150 |
| 155 | | | | | | | | | | 31.4 | 231.8 | 38,000 | 155 |
| 160 | | | | | | | | | | 25.2 | 222.2 | 36,400 | 160 |
| 165 | | | | | | | | | | 17.0 | 208.8 | 34,900 | 165 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

180 Ft. Boom, 110 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 70 | 68.8 | 292.8 | 128,200 * | | | | | | | | | | 70 |
| 75 | 65.9 | 290.6 | 117,000 * | | | | | | | | | | 75 |
| 80 | 63.0 | 288.2 | 104,100 * | | | | | | | | | | 80 |
| 85 | 60.0 | 285.4 | 93,500 * | 65.6 | 288.9 | 98,700 | | | | | | | 85 |
| 90 | 57.0 | 282.2 | 84,700 * | 62.7 | 286.4 | 91,900 | | | | | | | 90 |
| 95 | 53.8 | 278.7 | 77,300 * | 59.7 | 283.6 | 85,900 | | | | | | | 95 |
| 100 | 50.4 | 274.7 | 70,900 * | 56.6 | 280.4 | 80,600 | | | | | | | 100 |
| 105 | 46.9 | 270.2 | 65,500 * | 53.4 | 276.8 | 75,800 | 63.0 | 283.1 | 69,000 | | | | 105 |
| 110 | 43.2 | 265.1 | 60,600 * | 50.0 | 272.7 | 70,300 * | 60.0 | 280.3 | 65,100 | | | | 110 |
| 115 | 39.2 | 259.2 | 56,400 * | 46.5 | 268.2 | 64,900 * | 56.9 | 277.1 | 61,500 | | | | 115 |
| 120 | 34.8 | 252.4 | 52,600 * | 42.8 | 263.0 | 60,100 * | 53.7 | 273.6 | 58,300 | | | | 120 |
| 125 | 29.8 | 244.3 | 49,300 * | 38.7 | 257.0 | 56,000 * | 50.4 | 269.6 | 55,300 | | | | 125 |
| 130 | 23.9 | 234.2 | 46,200 * | 34.3 | 250.1 | 52,200 * | 46.9 | 265.1 | 52,600 | 57.0 | 272.3 | 47,300 | 130 |
| 135 | 16.0 | 219.9 | 43,400 * | 29.2 | 241.8 | 48,900 * | 43.1 | 260.0 | 50,100 | 53.8 | 268.8 | 45,100 | 135 |
| 140 | | | | 23.2 | 231.3 | 45,900 * | 39.1 | 254.1 | 47,800 | 50.5 | 264.8 | 43,000 | 140 |
| 145 | | | | 14.9 | 216.2 | 43,200 * | 34.7 | 247.3 | 45,700 | 47.0 | 260.3 | 41,000 | 145 |
| 150 | | | | | | | 29.7 | 239.2 | 43,700 | 43.2 | 255.2 | 39,200 | 150 |
| 155 | | | | | | | 23.8 | 229.0 | 41,800 | 39.2 | 249.4 | 37,500 | 155 |
| 160 | | | | | | | 15.9 | 214.6 | 40,000 | 34.8 | 242.6 | 36,000 | 160 |
| 165 | | | | | | | | | | 29.9 | 234.5 | 34,500 | 165 |
| 170 | | | | | | | | | | 24.0 | 224.4 | 33,100 | 170 |
| 175 | | | | | | | | | | 16.2 | 210.2 | 31,700 | 175 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

180 Ft. Boom, 120 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 70 | 70.6 | 303.5 | 118,200 * | | | | | | | | | | 70 |
| 75 | 68.0 | 301.5 | 113,900 * | | | | | | | | | | 75 |
| 80 | 65.4 | 299.3 | 104,700 * | | | | | | | | | | 80 |
| 85 | 62.8 | 296.8 | 93,900 * | 67.7 | 299.8 | 98,200 | | | | | | | 85 |
| 90 | 60.0 | 294.0 | 85,000 * | 65.1 | 297.6 | 91,400 | | | | | | | 90 |
| 95 | 57.2 | 290.9 | 77,500 * | 62.5 | 295.1 | 85,400 | | | | | | | 95 |
| 100 | 54.3 | 287.4 | 71,000 * | 59.7 | 292.2 | 80,100 | | | | | | | 100 |
| 105 | 51.3 | 283.6 | 65,400 * | 56.9 | 289.1 | 75,300 | | | | | | | 105 |
| 110 | 48.1 | 279.2 | 60,600 * | 54.0 | 285.5 | 70,400 * | 62.7 | 291.8 | 64,400 | | | | 110 |
| 115 | 44.8 | 274.4 | 56,300 * | 50.9 | 281.6 | 64,900 * | 60.0 | 289.0 | 60,900 | | | | 115 |
| 120 | 41.3 | 268.9 | 52,500 * | 47.7 | 277.2 | 60,100 * | 57.2 | 285.8 | 57,700 | | | | 120 |
| 125 | 37.4 | 262.7 | 49,100 * | 44.4 | 272.3 | 55,800 * | 54.3 | 282.3 | 54,800 | | | | 125 |
| 130 | 33.2 | 255.4 | 46,000 * | 40.8 | 266.7 | 52,100 * | 51.2 | 278.5 | 52,100 | | | | 130 |
| 135 | 28.5 | 246.9 | 43,200 * | 37.0 | 260.4 | 48,700 * | 48.1 | 274.1 | 49,600 | 57.2 | 281.0 | 44,400 | 135 |
| 140 | 22.9 | 236.2 | 40,700 * | 32.7 | 253.1 | 45,700 * | 44.7 | 269.2 | 47,300 | 54.3 | 277.5 | 42,400 | 140 |
| 145 | 15.3 | 221.2 | 38,400 * | 27.9 | 244.3 | 42,900 * | 41.2 | 263.8 | 45,200 | 51.3 | 273.7 | 40,400 | 145 |
| 150 | | | | 22.1 | 233.3 | 40,400 * | 37.4 | 257.5 | 43,200 | 48.2 | 269.3 | 38,600 | 150 |
| 155 | | | | 14.2 | 217.5 | 38,100 * | 33.2 | 250.3 | 41,400 | 44.8 | 264.5 | 37,000 | 155 |
| 160 | | | | | | | 28.4 | 241.7 | 39,600 | 41.3 | 259.0 | 35,400 | 160 |
| 165 | | | | | | | 22.8 | 231.0 | 38,000 | 37.5 | 252.8 | 33,900 | 165 |
| 170 | | | | | | | 15.2 | 215.9 | 36,400 | 33.3 | 245.6 | 32,600 | 170 |
| 175 | | | | | | | | | | 28.6 | 237.0 | 31,200 | 175 |
| 180 | | | | | | | | | | 22.9 | 226.4 | 30,000 | 180 |
| 185 | | | | | | | | | | 15.4 | 211.5 | 28,800 | 185 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

180 Ft. Boom, 130 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 75 | 69.8 | 312.3 | 107,100 * | | | | | | | | | | 75 |
| 80 | 67.4 | 310.3 | 103,400 * | | | | | | | | | | 80 |
| 85 | 65.0 | 308.0 | 93,900 * | | | | | | | | | | 85 |
| 90 | 62.6 | 305.5 | 84,900 * | 67.2 | 308.6 | 91,100 | | | | | | | 90 |
| 95 | 60.0 | 302.7 | 77,400 * | 64.7 | 306.3 | 85,100 | | | | | | | 95 |
| 100 | 57.4 | 299.6 | 70,900 * | 62.3 | 303.7 | 79,800 | | | | | | | 100 |
| 105 | 54.8 | 296.2 | 65,300 * | 59.7 | 300.9 | 75,100 | | | | | | | 105 |
| 110 | 52.0 | 292.4 | 60,500 * | 57.1 | 297.7 | 70,300 * | | | | | | | 110 |
| 115 | 49.1 | 288.2 | 56,200 * | 54.4 | 294.3 | 64,800 * | 62.5 | 300.4 | 60,700 | | | | 115 |
| 120 | 46.1 | 283.5 | 52,300 * | 51.7 | 290.4 | 60,000 * | 60.0 | 297.6 | 57,400 | | | | 120 |
| 125 | 42.9 | 278.3 | 48,900 * | 48.8 | 286.2 | 55,700 * | 57.4 | 294.5 | 54,500 | | | | 125 |
| 130 | 39.5 | 272.5 | 45,900 * | 45.7 | 281.5 | 51,900 * | 54.7 | 291.1 | 51,800 | | | | 130 |
| 135 | 35.9 | 265.9 | 43,100 * | 42.5 | 276.2 | 48,600 * | 51.9 | 287.3 | 49,400 | | | | 135 |
| 140 | 31.9 | 258.3 | 40,600 * | 39.1 | 270.3 | 45,500 * | 49.1 | 283.1 | 47,100 | 57.5 | 289.7 | 42,100 | 140 |
| 145 | 27.3 | 249.3 | 38,200 * | 35.5 | 263.6 | 42,800 * | 46.1 | 278.4 | 45,000 | 54.8 | 286.3 | 40,200 | 145 |
| 150 | 21.9 | 238.1 | 36,100 * | 31.4 | 255.9 | 40,300 * | 42.9 | 273.2 | 43,000 | 52.0 | 282.5 | 38,400 | 150 |
| 155 | 14.7 | 222.5 | 34,200 * | 26.8 | 246.7 | 38,000 * | 39.5 | 267.4 | 41,200 | 49.1 | 278.3 | 36,700 | 155 |
| 160 | | | | 21.2 | 235.1 | 35,900 * | 35.8 | 260.8 | 39,500 | 46.1 | 273.6 | 35,200 | 160 |
| 165 | | | | 13.6 | 218.6 | 34,000 * | 31.8 | 253.1 | 37,900 | 43.0 | 268.5 | 33,700 | 165 |
| 170 | | | | | | | 27.3 | 244.1 | 36,300 | 39.6 | 262.6 | 32,400 | 170 |
| 175 | | | | | | | 21.8 | 232.9 | 34,900 | 35.9 | 256.1 | 31,100 | 175 |
| 180 | | | | | | | 14.6 | 217.1 | 33,500 | 31.9 | 248.5 | 29,900 | 180 |
| 185 | | | | | | | | | | 27.4 | 239.5 | 28,700 | 185 |
| 190 | | | | | | | | | | 22.0 | 228.3 | 27,600 | 190 |
| 195 | | | | | | | | | | 14.8 | 212.8 | 26,500 | 195 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

180 Ft. Boom, 140 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 80 | 69.1 | 321.1 | 97,000 * | | | | | | | | | | 80 |
| 85 | 66.9 | 319.0 | 93,500 * | | | | | | | | | | 85 |
| 90 | 64.7 | 316.7 | 84,500 * | | | | | | | | | | 90 |
| 95 | 62.4 | 314.2 | 76,900 * | 66.7 | 317.3 | 84,600 | | | | | | | 95 |
| 100 | 60.0 | 311.4 | 70,500 * | 64.4 | 315.0 | 79,300 | | | | | | | 100 |
| 105 | 57.6 | 308.3 | 64,900 * | 62.1 | 312.4 | 74,600 | | | | | | | 105 |
| 110 | 55.1 | 304.9 | 60,000 * | 59.8 | 309.5 | 69,800 * | | | | | | | 110 |
| 115 | 52.6 | 301.2 | 55,700 * | 57.3 | 306.4 | 64,300 * | | | | | | | 115 |
| 120 | 50.0 | 297.1 | 51,900 * | 54.9 | 303.0 | 59,500 * | 62.3 | 309.1 | 56,900 | | | | 120 |
| 125 | 47.2 | 292.6 | 48,500 * | 52.3 | 299.2 | 55,300 * | 60.0 | 306.3 | 53,900 | | | | 125 |
| 130 | 44.3 | 287.6 | 45,400 * | 49.6 | 295.1 | 51,500 * | 57.6 | 303.2 | 51,300 | | | | 130 |
| 135 | 41.3 | 282.1 | 42,600 * | 46.9 | 290.6 | 48,100 * | 55.1 | 299.8 | 48,800 | | | | 135 |
| 140 | 38.0 | 276.0 | 40,100 * | 44.0 | 285.5 | 45,100 * | 52.6 | 296.1 | 46,500 | | | | 140 |
| 145 | 34.5 | 269.0 | 37,800 * | 40.9 | 280.0 | 42,300 * | 49.9 | 292.0 | 44,400 | 57.6 | 298.4 | 39,600 | 145 |
| 150 | 30.7 | 261.0 | 35,700 * | 37.6 | 273.7 | 39,800 * | 47.2 | 287.5 | 42,500 | 55.2 | 295.0 | 37,800 | 150 |
| 155 | 26.3 | 251.6 | 33,700 * | 34.1 | 266.7 | 37,500 * | 44.3 | 282.5 | 40,700 | 52.6 | 291.3 | 36,100 | 155 |
| 160 | 21.1 | 240.0 | 31,900 * | 30.2 | 258.6 | 35,500 * | 41.2 | 277.0 | 39,000 | 50.0 | 287.2 | 34,600 | 160 |
| 165 | 14.1 | 223.7 | 30,200 * | 25.8 | 248.9 | 33,500 * | 38.0 | 270.8 | 37,400 | 47.2 | 282.7 | 33,200 | 165 |
| 170 | | | | 20.4 | 236.9 | 31,700 * | 34.5 | 263.9 | 35,900 | 44.3 | 277.7 | 31,800 | 170 |
| 175 | | | | 13.1 | 219.8 | 30,100 * | 30.6 | 255.9 | 34,400 | 41.3 | 272.3 | 30,500 | 175 |
| 180 | | | | | | | 26.2 | 246.4 | 33,100 | 38.1 | 266.1 | 29,300 | 180 |
| 185 | | | | | | | 21.0 | 234.7 | 31,800 | 34.6 | 259.2 | 28,200 | 185 |
| 190 | | | | | | | 14.0 | 218.3 | 30,200 * | 30.7 | 251.2 | 27,100 | 190 |
| 195 | | | | | | | | | | 26.4 | 241.8 | 26,100 | 195 |
| 200 | | | | | | | | | | 21.2 | 230.2 | 25,100 | 200 |
| 205 | | | | | | | | | | 14.2 | 214.0 | 24,100 | 205 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

180 Ft. Boom, 150 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 80 | 70.6 | 331.8 | 93,000 * | | | | | | | | | | 80 |
| 85 | 68.5 | 329.9 | 90,300 * | | | | | | | | | | 85 |
| 90 | 66.5 | 327.7 | 85,400 * | | | | | | | | | | 90 |
| 95 | 64.4 | 325.4 | 77,700 * | | | | | | | | | | 95 |
| 100 | 62.2 | 322.8 | 71,100 * | 66.2 | 326.0 | 78,800 | | | | | | | 100 |
| 105 | 60.0 | 320.0 | 65,500 * | 64.1 | 323.6 | 74,100 | | | | | | | 105 |
| 110 | 57.8 | 316.9 | 60,500 * | 62.0 | 321.0 | 69,800 | | | | | | | 110 |
| 115 | 55.5 | 313.6 | 56,200 * | 59.8 | 318.2 | 64,900 * | | | | | | | 115 |
| 120 | 53.1 | 309.9 | 52,300 * | 57.5 | 315.1 | 60,000 * | | | | | | | 120 |
| 125 | 50.7 | 305.9 | 48,800 * | 55.2 | 311.7 | 55,700 * | 62.2 | 317.8 | 53,400 | | | | 125 |
| 130 | 48.1 | 301.6 | 45,700 * | 52.8 | 308.0 | 51,900 * | 60.0 | 314.9 | 50,800 | | | | 130 |
| 135 | 45.5 | 296.8 | 42,900 * | 50.4 | 304.0 | 48,500 * | 57.7 | 311.9 | 48,300 | | | | 135 |
| 140 | 42.7 | 291.6 | 40,300 * | 47.8 | 299.6 | 45,400 * | 55.4 | 308.5 | 46,000 | | | | 140 |
| 145 | 39.8 | 285.8 | 38,000 * | 45.2 | 294.7 | 42,600 * | 53.1 | 304.8 | 43,900 | | | | 145 |
| 150 | 36.7 | 279.3 | 35,900 * | 42.4 | 289.4 | 40,100 * | 50.6 | 300.8 | 42,000 | 57.8 | 307.1 | 37,300 | 150 |
| 155 | 33.3 | 272.0 | 33,900 * | 39.5 | 283.6 | 37,800 * | 48.1 | 296.5 | 40,200 | 55.5 | 303.7 | 35,600 | 155 |
| 160 | 29.6 | 263.7 | 32,100 * | 36.3 | 277.0 | 35,600 * | 45.5 | 291.7 | 38,500 | 53.1 | 300.0 | 34,100 | 160 |
| 165 | 25.4 | 253.9 | 30,400 * | 32.9 | 269.6 | 33,700 * | 42.7 | 286.4 | 36,900 | 50.7 | 296.1 | 32,700 | 165 |
| 170 | 20.4 | 241.7 | 28,800 * | 29.1 | 261.2 | 31,900 * | 39.8 | 280.6 | 35,400 | 48.2 | 291.7 | 31,300 | 170 |
| 175 | 13.6 | 224.9 | 27,100 * | 24.9 | 251.1 | 30,200 * | 36.6 | 274.2 | 34,000 | 45.5 | 286.9 | 30,000 | 175 |
| 180 | | | | 19.7 | 238.6 | 28,700 * | 33.3 | 266.9 | 32,700 | 42.8 | 281.7 | 28,800 | 180 |
| 185 | | | | 12.6 | 220.8 | 27,200 * | 29.5 | 258.5 | 31,400 | 39.8 | 275.9 | 27,700 | 185 |
| 190 | | | | | | | 25.3 | 248.7 | 30,200 | 36.7 | 269.4 | 26,600 | 190 |
| 195 | | | | | | | 20.3 | 236.5 | 28,800 * | 33.3 | 262.2 | 25,600 | 195 |
| 200 | | | | | | | 13.5 | 219.5 | 27,400 * | 29.6 | 253.9 | 24,700 | 200 |
| 205 | | | | | | | | | | 25.4 | 244.1 | 23,700 | 205 |
| 210 | | | | | | | | | | 20.4 | 231.9 | 22,800 | 210 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

180 Ft. Boom, 160 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 85 | 69.9 | 340.6 | 83,400 * | | | | | | | | | | 85 |
| 90 | 68.0 | 338.6 | 80,900 * | | | | | | | | | | 90 |
| 95 | 66.1 | 336.5 | 78,100 * | | | | | | | | | | 95 |
| 100 | 64.1 | 334.1 | 71,400 * | 67.8 | 336.9 | 78,300 | | | | | | | 100 |
| 105 | 62.1 | 331.5 | 65,600 * | 65.8 | 334.7 | 73,600 | | | | | | | 105 |
| 110 | 60.0 | 328.7 | 60,600 * | 63.9 | 332.3 | 69,300 | | | | | | | 110 |
| 115 | 57.9 | 325.6 | 56,100 * | 61.8 | 329.7 | 65,000 * | | | | | | | 115 |
| 120 | 55.8 | 322.3 | 52,200 * | 59.8 | 326.9 | 60,000 * | | | | | | | 120 |
| 125 | 53.6 | 318.7 | 48,700 * | 57.7 | 323.8 | 55,700 * | | | | | | | 125 |
| 130 | 51.3 | 314.8 | 45,500 * | 55.5 | 320.4 | 51,800 * | 62.0 | 326.4 | 50,200 | | | | 130 |
| 135 | 48.9 | 310.5 | 42,700 * | 53.3 | 316.8 | 48,300 * | 60.0 | 323.6 | 47,700 | | | | 135 |
| 140 | 46.5 | 305.9 | 40,100 * | 51.0 | 312.8 | 45,200 * | 57.9 | 320.5 | 45,500 | | | | 140 |
| 145 | 44.0 | 300.9 | 37,700 * | 48.7 | 308.5 | 42,400 * | 55.7 | 317.2 | 43,400 | | | | 145 |
| 150 | 41.3 | 295.3 | 35,600 * | 46.2 | 303.9 | 39,800 * | 53.5 | 313.6 | 41,500 | | | | 150 |
| 155 | 38.5 | 289.3 | 33,600 * | 43.7 | 298.8 | 37,500 * | 51.3 | 309.7 | 39,600 | 57.9 | 315.7 | 35,000 | 155 |
| 160 | 35.5 | 282.5 | 31,700 * | 41.0 | 293.2 | 35,300 * | 48.9 | 305.4 | 38,000 | 55.8 | 312.4 | 33,500 | 160 |
| 165 | 32.2 | 274.9 | 30,000 * | 38.1 | 287.0 | 33,400 * | 46.5 | 300.8 | 36,400 | 53.6 | 308.8 | 32,100 | 165 |
| 170 | 28.6 | 266.2 | 28,500 * | 35.1 | 280.2 | 31,500 * | 43.9 | 295.8 | 34,900 | 51.3 | 304.9 | 30,700 | 170 |
| 175 | 24.6 | 256.0 | 27,000 * | 31.8 | 272.5 | 29,900 * | 41.2 | 290.2 | 33,500 | 49.0 | 300.6 | 29,500 | 175 |
| 180 | 19.7 | 243.5 | 25,600 * | 28.2 | 263.7 | 28,300 * | 38.4 | 284.1 | 32,200 | 46.5 | 296.0 | 28,300 | 180 |
| 185 | 13.2 | 226.0 | 24,000 * | 24.0 | 253.3 | 26,800 * | 35.4 | 277.4 | 30,900 | 44.0 | 291.0 | 27,200 | 185 |
| 190 | | | | 19.1 | 240.3 | 25,500 * | 32.2 | 269.8 | 29,800 | 41.3 | 285.5 | 26,100 | 190 |
| 195 | | | | 12.2 | 221.9 | 24,200 * | 28.6 | 261.1 | 28,500 * | 38.5 | 279.4 | 25,100 | 195 |
| 200 | | | | | | | 24.5 | 250.8 | 27,000 * | 35.5 | 272.7 | 24,100 | 200 |
| 205 | | | | | | | 19.6 | 238.2 | 25,600 * | 32.2 | 265.1 | 23,200 | 205 |
| 210 | | | | | | | 13.1 | 220.6 | 24,300 * | 28.7 | 256.4 | 22,300 | 210 |
| 220 | | | | | | | | | | 19.8 | 233.7 | 20,700 | 220 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

180 Ft. Boom, 170 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 90 | 69.4 | 349.4 | 76,200 * | | | | | | | | | | 90 |
| 95 | 67.6 | 347.4 | 74,000 * | | | | | | | | | | 95 |
| 100 | 65.7 | 345.2 | 71,100 * | | | | | | | | | | 100 |
| 105 | 63.9 | 342.8 | 65,300 * | 67.4 | 345.7 | 73,300 | | | | | | | 105 |
| 110 | 62.0 | 340.2 | 60,300 * | 65.5 | 343.4 | 69,000 | | | | | | | 110 |
| 115 | 60.0 | 337.3 | 55,800 * | 63.6 | 341.0 | 64,700 * | | | | | | | 115 |
| 120 | 58.0 | 334.3 | 51,900 * | 61.7 | 338.4 | 59,700 * | | | | | | | 120 |
| 125 | 56.0 | 331.0 | 48,400 * | 59.8 | 335.5 | 55,400 * | | | | | | | 125 |
| 130 | 54.0 | 327.4 | 45,200 * | 57.8 | 332.4 | 51,500 * | | | | | | | 130 |
| 135 | 51.8 | 323.6 | 42,400 * | 55.8 | 329.1 | 48,000 * | 61.9 | 335.1 | 47,500 | | | | 135 |
| 140 | 49.6 | 319.4 | 39,800 * | 53.7 | 325.5 | 44,900 * | 60.0 | 332.3 | 45,200 | | | | 140 |
| 145 | 47.4 | 314.9 | 37,400 * | 51.6 | 321.7 | 42,100 * | 58.0 | 329.2 | 43,100 | | | | 145 |
| 150 | 45.0 | 310.1 | 35,300 * | 49.4 | 317.5 | 39,500 * | 56.0 | 325.9 | 41,200 | | | | 150 |
| 155 | 42.6 | 304.8 | 33,300 * | 47.1 | 312.9 | 37,200 * | 53.9 | 322.3 | 39,400 | | | | 155 |
| 160 | 40.0 | 299.0 | 31,400 * | 44.7 | 308.0 | 35,000 * | 51.8 | 318.5 | 37,700 | | | | 160 |
| 165 | 37.3 | 292.6 | 29,700 * | 42.3 | 302.7 | 33,100 * | 49.6 | 314.3 | 36,100 | 56.0 | 321.1 | 31,800 | 165 |
| 170 | 34.4 | 285.6 | 28,200 * | 39.7 | 296.8 | 31,200 * | 47.3 | 309.8 | 34,600 | 54.0 | 317.5 | 30,500 | 170 |
| 175 | 31.2 | 277.7 | 26,700 * | 36.9 | 290.4 | 29,600 * | 45.0 | 305.0 | 33,300 | 51.9 | 313.7 | 29,200 | 175 |
| 180 | 27.7 | 268.7 | 25,300 * | 34.0 | 283.3 | 28,000 * | 42.5 | 299.7 | 31,900 | 49.7 | 309.6 | 28,000 | 180 |
| 185 | 23.8 | 258.1 | 24,000 * | 30.8 | 275.3 | 26,500 * | 40.0 | 293.9 | 30,700 | 47.4 | 305.1 | 26,900 | 185 |
| 190 | 19.1 | 245.1 | 22,800 * | 27.3 | 266.1 | 25,200 * | 37.2 | 287.5 | 29,500 | 45.0 | 300.2 | 25,800 | 190 |
| 195 | 12.8 | 227.1 | 21,400 * | 23.3 | 255.3 | 23,900 * | 34.3 | 280.5 | 28,200 * | 42.6 | 294.9 | 24,800 | 195 |
| 200 | | | | 18.5 | 241.9 | 22,700 * | 31.2 | 272.5 | 26,700 * | 40.0 | 289.1 | 23,900 | 200 |
| 205 | | | | 11.8 | 222.9 | 21,600 * | 27.7 | 263.5 | 25,300 * | 37.3 | 282.8 | 23,000 | 205 |
| 210 | | | | | | | 23.7 | 252.9 | 24,100 * | 34.4 | 275.8 | 22,100 | 210 |
| 220 | | | | | | | 12.7 | 221.7 | 21,700 * | 27.8 | 258.9 | 20,500 | 220 |
| 230 | | | | | | | | | | 19.1 | 235.3 | 19,000 | 230 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

180 Ft. Boom, 180 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 90 | 70.6 | 360.1 | 71,500 * | | | | | | | | | | 90 |
| 95 | 68.9 | 358.2 | 68,900 * | | | | | | | | | | 95 |
| 100 | 67.2 | 356.1 | 66,200 * | | | | | | | | | | 100 |
| 105 | 65.4 | 353.9 | 63,500 * | | | | | | | | | | 105 |
| 110 | 63.6 | 351.4 | 59,700 * | 67.0 | 354.4 | 65,600 * | | | | | | | 110 |
| 115 | 61.8 | 348.8 | 55,300 * | 65.2 | 352.1 | 63,100 * | | | | | | | 115 |
| 120 | 60.0 | 346.0 | 51,400 * | 63.4 | 349.7 | 59,200 * | | | | | | | 120 |
| 125 | 58.2 | 343.0 | 47,800 * | 61.6 | 347.0 | 54,800 * | | | | | | | 125 |
| 130 | 56.3 | 339.7 | 44,700 * | 59.8 | 344.2 | 50,900 * | | | | | | | 130 |
| 135 | 54.3 | 336.2 | 41,800 * | 57.9 | 341.1 | 47,500 * | | | | | | | 135 |
| 140 | 52.3 | 332.4 | 39,200 * | 56.0 | 337.8 | 44,400 * | 61.8 | 343.8 | 44,600 | | | | 140 |
| 145 | 50.3 | 328.3 | 36,900 * | 54.1 | 334.3 | 41,500 * | 60.0 | 340.9 | 42,600 | | | | 145 |
| 150 | 48.1 | 323.9 | 34,700 * | 52.1 | 330.5 | 39,000 * | 58.1 | 337.9 | 40,600 | | | | 150 |
| 155 | 46.0 | 319.2 | 32,700 * | 50.0 | 326.4 | 36,600 * | 56.2 | 334.6 | 38,800 | | | | 155 |
| 160 | 43.7 | 314.1 | 30,900 * | 47.9 | 321.9 | 34,500 * | 54.3 | 331.1 | 37,200 | | | | 160 |
| 165 | 41.3 | 308.6 | 29,200 * | 45.7 | 317.2 | 32,500 * | 52.3 | 327.3 | 35,600 | | | | 165 |
| 170 | 38.8 | 302.5 | 27,600 * | 43.4 | 312.0 | 30,700 * | 50.2 | 323.2 | 34,100 | 56.3 | 329.8 | 29,900 | 170 |
| 175 | 36.2 | 295.9 | 26,200 * | 41.0 | 306.4 | 29,000 * | 48.1 | 318.8 | 32,700 | 54.3 | 326.3 | 28,600 | 175 |
| 180 | 33.3 | 288.6 | 24,800 * | 38.5 | 300.3 | 27,500 * | 45.9 | 314.1 | 31,400 | 52.3 | 322.5 | 27,400 | 180 |
| 185 | 30.3 | 280.4 | 23,500 * | 35.9 | 293.6 | 26,000 * | 43.6 | 309.0 | 30,200 | 50.3 | 318.4 | 26,300 | 185 |
| 190 | 26.9 | 271.1 | 22,300 * | 33.0 | 286.2 | 24,700 * | 41.3 | 303.5 | 29,000 | 48.2 | 314.1 | 25,300 | 190 |
| 195 | 23.1 | 260.2 | 21,200 * | 29.9 | 277.9 | 23,400 * | 38.8 | 297.4 | 27,600 * | 46.0 | 309.3 | 24,300 | 195 |
| 200 | 18.5 | 246.7 | 20,100 * | 26.5 | 268.5 | 22,200 * | 36.1 | 290.8 | 26,200 * | 43.7 | 304.2 | 23,300 | 200 |
| 205 | 12.4 | 228.2 | 18,900 * | 22.6 | 257.3 | 21,100 * | 33.3 | 283.5 | 24,800 * | 41.3 | 298.7 | 22,400 | 205 |
| 210 | | | | 17.9 | 243.5 | 20,000 * | 30.2 | 275.3 | 23,500 * | 38.8 | 292.7 | 21,600 | 210 |
| 220 | | | | | | | 23.0 | 255.0 | 21,200 * | 33.4 | 278.8 | 20,000 | 220 |
| 230 | | | | | | | 12.3 | 222.8 | 19,100 * | 27.0 | 261.3 | 18,500 | 230 |
| 240 | | | | | | | | | | 18.6 | 237.0 | 17,200 | 240 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

180 Ft. Boom, 190 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 95 | 70.0 | 368.9 | 64,400 * | | | | | | | | | | 95 |
| 100 | 68.4 | 366.9 | 62,000 * | | | | | | | | | | 100 |
| 105 | 66.8 | 364.8 | 59,500 * | | | | | | | | | | 105 |
| 110 | 65.1 | 362.6 | 56,900 * | | | | | | | | | | 110 |
| 115 | 63.5 | 360.1 | 54,400 * | 66.6 | 363.1 | 58,900 * | | | | | | | 115 |
| 120 | 61.7 | 357.5 | 50,900 * | 64.9 | 360.8 | 56,500 * | | | | | | | 120 |
| 125 | 60.0 | 354.7 | 47,300 * | 63.3 | 358.4 | 54,100 * | | | | | | | 125 |
| 130 | 58.3 | 351.6 | 44,200 * | 61.6 | 355.7 | 50,500 * | | | | | | | 130 |
| 135 | 56.5 | 348.4 | 41,300 * | 59.8 | 352.8 | 47,000 * | | | | | | | 135 |
| 140 | 54.6 | 344.9 | 38,700 * | 58.0 | 349.8 | 43,900 * | | | | | | | 140 |
| 145 | 52.7 | 341.2 | 36,400 * | 56.2 | 346.5 | 41,000 * | 61.7 | 352.4 | 42,100 | | | | 145 |
| 150 | 50.8 | 337.2 | 34,200 * | 54.4 | 343.0 | 38,500 * | 60.0 | 349.6 | 40,200 | | | | 150 |
| 155 | 48.8 | 332.9 | 32,200 * | 52.5 | 339.2 | 36,100 * | 58.2 | 346.5 | 38,400 | | | | 155 |
| 160 | 46.8 | 328.3 | 30,400 * | 50.6 | 335.2 | 34,000 * | 56.4 | 343.3 | 36,700 | | | | 160 |
| 165 | 44.7 | 323.3 | 28,700 * | 48.6 | 330.9 | 32,000 * | 54.6 | 339.8 | 35,100 | | | | 165 |
| 170 | 42.4 | 318.0 | 27,100 * | 46.5 | 326.3 | 30,200 * | 52.7 | 336.1 | 33,700 | | | | 170 |
| 175 | 40.1 | 312.2 | 25,700 * | 44.4 | 321.3 | 28,500 * | 50.8 | 332.1 | 32,300 | 56.5 | 338.5 | 28,100 | 175 |
| 180 | 37.7 | 306.0 | 24,300 * | 42.2 | 315.9 | 27,000 * | 48.8 | 327.8 | 31,000 | 54.6 | 335.0 | 27,000 | 180 |
| 185 | 35.2 | 299.1 | 23,000 * | 39.9 | 310.1 | 25,500 * | 46.7 | 323.2 | 29,800 | 52.8 | 331.3 | 25,900 | 185 |
| 190 | 32.4 | 291.5 | 21,800 * | 37.4 | 303.7 | 24,200 * | 44.6 | 318.2 | 28,600 | 50.8 | 327.3 | 24,800 | 190 |
| 195 | 29.5 | 283.1 | 20,700 * | 34.9 | 296.8 | 22,900 * | 42.4 | 312.9 | 27,100 * | 48.8 | 323.0 | 23,800 | 195 |
| 200 | 26.2 | 273.4 | 19,600 * | 32.1 | 289.1 | 21,700 * | 40.1 | 307.1 | 25,700 * | 46.8 | 318.4 | 22,900 | 200 |
| 205 | 22.5 | 262.2 | 18,600 * | 29.1 | 280.5 | 20,600 * | 37.7 | 300.8 | 24,300 * | 44.7 | 313.5 | 22,000 | 205 |
| 210 | 18.0 | 248.3 | 17,700 * | 25.8 | 270.7 | 19,500 * | 35.1 | 294.0 | 23,000 * | 42.5 | 308.1 | 21,100 | 210 |
| 220 | | | | 17.4 | 245.0 | 17,600 * | 29.4 | 277.9 | 20,700 * | 37.8 | 296.1 | 19,600 | 220 |
| 230 | | | | | | | 22.4 | 256.9 | 18,600 * | 32.5 | 281.7 | 18,100 | 230 |
| 240 | | | | | | | 12.0 | 223.8 | 16,800 * | 26.2 | 263.6 | 16,800 | 240 |
| 250 | | | | | | | | | | 18.1 | 238.5 | 15,500 | 250 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

180 Ft. Boom, 200 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 100 | 69.6 | 377.7 | 55,600 * | | | | | | | | | | 100 |
| 105 | 68.0 | 375.7 | 53,300 * | | | | | | | | | | 105 |
| 110 | 66.5 | 373.6 | 50,900 * | | | | | | | | | | 110 |
| 115 | 64.9 | 371.3 | 48,500 * | 67.8 | 374.0 | 52,700 * | | | | | | | 115 |
| 120 | 63.3 | 368.8 | 46,200 * | 66.3 | 371.8 | 50,500 * | | | | | | | 120 |
| 125 | 61.7 | 366.2 | 44,000 * | 64.7 | 369.5 | 48,200 * | | | | | | | 125 |
| 130 | 60.0 | 363.3 | 41,800 * | 63.1 | 367.0 | 45,900 * | | | | | | | 130 |
| 135 | 58.3 | 360.3 | 39,800 * | 61.5 | 364.4 | 43,800 * | | | | | | | 135 |
| 140 | 56.6 | 357.1 | 37,700 * | 59.8 | 361.5 | 41,700 * | | | | | | | 140 |
| 145 | 54.9 | 353.6 | 35,800 * | 58.1 | 358.5 | 39,600 * | | | | | | | 145 |
| 150 | 53.1 | 349.9 | 33,900 * | 56.4 | 355.2 | 37,600 * | 61.6 | 361.1 | 39,600 | | | | 150 |
| 155 | 51.3 | 346.0 | 32,100 * | 54.7 | 351.7 | 35,700 * | 60.0 | 358.2 | 37,800 | | | | 155 |
| 160 | 49.4 | 341.8 | 30,200 * | 52.9 | 348.0 | 33,900 * | 58.3 | 355.2 | 36,200 | | | | 160 |
| 165 | 47.5 | 337.3 | 28,500 * | 51.1 | 344.1 | 31,800 * | 56.6 | 352.0 | 34,600 | | | | 165 |
| 170 | 45.5 | 332.5 | 26,900 * | 49.2 | 339.8 | 30,000 * | 54.9 | 348.5 | 33,100 | | | | 170 |
| 175 | 43.5 | 327.4 | 25,400 * | 47.3 | 335.3 | 28,300 * | 53.1 | 344.8 | 31,800 | | | | 175 |
| 180 | 41.3 | 321.8 | 24,000 * | 45.3 | 330.5 | 26,700 * | 51.3 | 340.9 | 30,500 | 56.7 | 347.2 | 26,400 | 180 |
| 185 | 39.1 | 315.8 | 22,700 * | 43.2 | 325.3 | 25,200 * | 49.4 | 336.7 | 29,300 | 54.9 | 343.7 | 25,300 | 185 |
| 190 | 36.7 | 309.3 | 21,500 * | 41.1 | 319.7 | 23,800 * | 47.5 | 332.2 | 28,100 | 53.1 | 340.0 | 24,200 | 190 |
| 195 | 34.2 | 302.2 | 20,300 * | 38.8 | 313.6 | 22,600 * | 45.5 | 327.4 | 26,900 * | 51.3 | 336.1 | 23,300 | 195 |
| 200 | 31.6 | 294.4 | 19,300 * | 36.4 | 307.0 | 21,300 * | 43.4 | 322.2 | 25,400 * | 49.4 | 331.9 | 22,300 | 200 |
| 205 | 28.7 | 285.6 | 18,200 * | 33.9 | 299.9 | 20,200 * | 41.3 | 316.7 | 24,000 * | 47.5 | 327.4 | 21,400 | 205 |
| 210 | 25.5 | 275.7 | 17,300 * | 31.3 | 291.9 | 19,100 * | 39.0 | 310.7 | 22,700 * | 45.5 | 322.6 | 20,600 | 210 |
| 220 | 17.6 | 249.8 | 15,300 * | 25.1 | 273.0 | 17,200 * | 34.2 | 297.0 | 20,300 * | 41.3 | 311.9 | 19,000 | 220 |
| 230 | | | | 17.0 | 246.5 | 15,300 * | 28.6 | 280.4 | 18,300 * | 36.8 | 299.4 | 17,600 | 230 |
| 240 | | | | | | | 21.8 | 258.9 | 16,400 * | 31.6 | 284.5 | 16,300 | 240 |
| 250 | | | | | | | 11.6 | 224.8 | 14,700 * | 25.5 | 265.9 | 15,100 | 250 |
| 260 | | | | | | | | | | 17.6 | 240.1 | 13,900 | 260 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

200 Ft. Boom, 70 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 65 | 62.3 | 272.0 | 146,300 b | | | | | | | | | | 65 |
| 70 | 57.6 | 269.0 | 133,300 b | | | | | | | | | | 70 |
| 75 | 52.5 | 265.3 | 119,700 * b | 62.8 | 270.6 | 115,700 b | | | | | | | 75 |
| 80 | 47.1 | 260.9 | 106,100 * | 58.0 | 267.6 | 106,800 b | | | | | | | 80 |
| 85 | 41.1 | 255.6 | 95,100 * | 53.0 | 264.1 | 99,000 b | | | | | | | 85 |
| 90 | 34.2 | 248.8 | 86,000 * | 47.6 | 259.8 | 92,300 | | | | | | | 90 |
| 95 | 25.7 | 239.8 | 78,400 * | 41.6 | 254.5 | 86,300 | 60.1 | 265.1 | 78,100 b | | | | 95 |
| 100 | 12.4 | 224.4 | 71,800 * | 34.9 | 247.9 | 81,000 | 55.2 | 261.8 | 73,300 b | | | | 100 |
| 105 | | | | 26.6 | 239.1 | 76,200 | 50.0 | 257.8 | 69,000 | | | | 105 |
| 110 | | | | 14.2 | 224.9 | 71,800 | 44.3 | 253.0 | 65,100 | | | | 110 |
| 115 | | | | | | | 38.0 | 247.1 | 61,600 | 57.0 | 257.6 | 55,100 b | 115 |
| 120 | | | | | | | 30.5 | 239.4 | 58,400 | 51.9 | 253.9 | 52,200 | 120 |
| 125 | | | | | | | 20.6 | 228.5 | 55,400 | 46.4 | 249.4 | 49,600 | 125 |
| 130 | | | | | | | | | | 40.4 | 243.9 | 47,200 | 130 |
| 135 | | | | | | | | | | 33.4 | 237.0 | 44,900 | 135 |
| 140 | | | | | | | | | | 24.6 | 227.6 | 42,800 | 140 |
| 145 | | | | | | | | | | 9.9 | 210.4 | 40,800 | 145 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

200 Ft. Boom, 80 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 65 | 66.1 | 283.2 | 145,900 b | | | | | | | | | | 65 |
| 70 | 62.1 | 280.6 | 132,800 b | | | | | | | | | | 70 |
| 75 | 57.9 | 277.7 | 120,300 * b | 66.4 | 281.8 | 115,100 b | | | | | | | 75 |
| 80 | 53.5 | 274.1 | 106,600 * | 62.4 | 279.3 | 106,200 b | | | | | | | 80 |
| 85 | 48.8 | 270.0 | 95,500 * | 58.3 | 276.3 | 98,500 b | | | | | | | 85 |
| 90 | 43.8 | 265.0 | 86,300 * | 53.9 | 272.8 | 91,800 | | | | | | | 90 |
| 95 | 38.2 | 259.1 | 78,600 * | 49.3 | 268.7 | 85,800 | | | | | | | 95 |
| 100 | 31.9 | 251.7 | 72,100 * | 44.3 | 263.9 | 80,500 | 60.1 | 273.7 | 72,600 b | | | | 100 |
| 105 | 24.0 | 241.9 | 66,400 * | 38.8 | 258.1 | 75,800 | 55.9 | 270.5 | 68,400 | | | | 105 |
| 110 | 11.6 | 225.4 | 61,400 * | 32.5 | 250.8 | 71,500 | 51.4 | 266.7 | 64,500 | | | | 110 |
| 115 | | | | 24.8 | 241.3 | 66,900 * | 46.5 | 262.2 | 61,000 | | | | 115 |
| 120 | | | | 13.2 | 226.0 | 61,900 * | 41.3 | 256.8 | 57,800 | 57.4 | 266.3 | 51,500 | 120 |
| 125 | | | | | | | 35.4 | 250.3 | 54,900 | 53.0 | 262.7 | 48,900 | 125 |
| 130 | | | | | | | 28.4 | 242.0 | 52,200 | 48.3 | 258.5 | 46,500 | 130 |
| 135 | | | | | | | 19.2 | 230.1 | 49,700 | 43.2 | 253.4 | 44,300 | 135 |
| 140 | | | | | | | | | | 37.6 | 247.4 | 42,300 | 140 |
| 145 | | | | | | | | | | 31.1 | 239.8 | 40,400 | 145 |
| 150 | | | | | | | | | | 22.9 | 229.6 | 38,500 | 150 |
| 155 | | | | | | | | | | 9.2 | 211.1 | 36,800 | 155 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

200 Ft. Boom, 90 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 65 | 68.9 | 294.1 | 145,400 b | | | | | | | | | | 65 |
| 70 | 65.4 | 291.9 | 132,400 b | | | | | | | | | | 70 |
| 75 | 61.8 | 289.3 | 120,800 * | | | | | | | | | | 75 |
| 80 | 58.1 | 286.3 | 107,000 * | 65.7 | 290.5 | 105,700 b | | | | | | | 80 |
| 85 | 54.2 | 282.9 | 95,800 * | 62.2 | 287.9 | 98,000 | | | | | | | 85 |
| 90 | 50.2 | 278.9 | 86,600 * | 58.5 | 285.0 | 91,300 | | | | | | | 90 |
| 95 | 45.8 | 274.2 | 78,800 * | 54.6 | 281.6 | 85,400 | | | | | | | 95 |
| 100 | 41.1 | 268.8 | 72,200 * | 50.6 | 277.6 | 80,100 | | | | | | | 100 |
| 105 | 35.9 | 262.4 | 66,500 * | 46.2 | 273.1 | 75,400 | 60.1 | 282.4 | 67,900 | | | | 105 |
| 110 | 29.9 | 254.4 | 61,600 * | 41.6 | 267.7 | 71,200 | 56.3 | 279.2 | 64,000 | | | | 110 |
| 115 | 22.5 | 243.9 | 57,200 * | 36.4 | 261.4 | 67,100 * | 52.4 | 275.5 | 60,600 | | | | 115 |
| 120 | 10.9 | 226.3 | 53,300 * | 30.5 | 253.6 | 62,000 * | 48.2 | 271.2 | 57,400 | | | | 120 |
| 125 | | | | 23.3 | 243.4 | 57,600 * | 43.7 | 266.3 | 54,500 | 57.7 | 275.0 | 48,400 | 125 |
| 130 | | | | 12.4 | 227.0 | 53,700 * | 38.8 | 260.4 | 51,900 | 53.8 | 271.5 | 46,100 | 130 |
| 135 | | | | | | | 33.3 | 253.3 | 49,400 | 49.7 | 267.4 | 43,900 | 135 |
| 140 | | | | | | | 26.7 | 244.3 | 47,100 | 45.3 | 262.7 | 41,800 | 140 |
| 145 | | | | | | | 18.1 | 231.7 | 45,000 | 40.6 | 257.2 | 40,000 | 145 |
| 150 | | | | | | | | | | 35.3 | 250.6 | 38,200 | 150 |
| 155 | | | | | | | | | | 29.2 | 242.4 | 36,600 | 155 |
| 160 | | | | | | | | | | 21.6 | 231.5 | 35,000 | 160 |
| 165 | | | | | | | | | | 8.6 | 211.8 | 33,400 | 165 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

200 Ft. Boom, 100 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 70 | 68.0 | 302.8 | 131,900 b | | | | | | | | | | 70 |
| 75 | 64.9 | 300.6 | 120,900 | | | | | | | | | | 75 |
| 80 | 61.6 | 298.0 | 107,600 * | | | | | | | | | | 80 |
| 85 | 58.3 | 295.0 | 96,300 * | 65.2 | 299.2 | 97,500 | | | | | | | 85 |
| 90 | 54.8 | 291.6 | 86,900 * | 61.9 | 296.6 | 90,800 | | | | | | | 90 |
| 95 | 51.2 | 287.7 | 79,000 * | 58.6 | 293.7 | 84,900 | | | | | | | 95 |
| 100 | 47.4 | 283.3 | 72,400 * | 55.2 | 290.3 | 79,600 | | | | | | | 100 |
| 105 | 43.3 | 278.3 | 66,600 * | 51.6 | 286.5 | 74,900 | | | | | | | 105 |
| 110 | 38.9 | 272.4 | 61,600 * | 47.8 | 282.1 | 70,700 | 60.1 | 291.1 | 63,400 | | | | 110 |
| 115 | 34.0 | 265.4 | 57,200 * | 43.7 | 277.1 | 66,900 | 56.7 | 287.9 | 59,900 | | | | 115 |
| 120 | 28.3 | 256.9 | 53,300 * | 39.3 | 271.3 | 62,100 * | 53.2 | 284.3 | 56,800 | | | | 120 |
| 125 | 21.3 | 245.7 | 49,800 * | 34.5 | 264.5 | 57,600 * | 49.5 | 280.2 | 53,900 | | | | 125 |
| 130 | 10.3 | 227.1 | 46,600 * | 28.9 | 256.1 | 53,600 * | 45.5 | 275.5 | 51,300 | 57.9 | 283.7 | 45,300 | 130 |
| 135 | | | | 22.0 | 245.3 | 50,100 * | 41.3 | 270.1 | 48,900 | 54.5 | 280.2 | 43,200 | 135 |
| 140 | | | | 11.7 | 228.0 | 46,900 * | 36.7 | 263.7 | 46,600 | 50.8 | 276.3 | 41,200 | 140 |
| 145 | | | | | | | 31.5 | 256.1 | 44,500 | 47.0 | 271.8 | 39,300 | 145 |
| 150 | | | | | | | 25.3 | 246.6 | 42,600 | 42.9 | 266.7 | 37,600 | 150 |
| 155 | | | | | | | 17.1 | 233.1 | 40,700 | 38.4 | 260.7 | 36,000 | 155 |
| 160 | | | | | | | | | | 33.4 | 253.6 | 34,400 | 160 |
| 165 | | | | | | | | | | 27.7 | 244.9 | 33,000 | 165 |
| 170 | | | | | | | | | | 20.4 | 233.2 | 31,600 | 170 |
| 175 | | | | | | | | | | 8.1 | 212.5 | 30,300 | 175 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

200 Ft. Boom, 110 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 70 | 70.1 | 313.6 | 128,200 *b | | | | | | | | | | 70 |
| 75 | 67.3 | 311.6 | 120,400 | | | | | | | | | | 75 |
| 80 | 64.4 | 309.3 | 110,000 * | | | | | | | | | | 80 |
| 85 | 61.5 | 306.6 | 98,400 * | 67.6 | 310.1 | 96,900 | | | | | | | 85 |
| 90 | 58.5 | 303.7 | 88,800 * | 64.7 | 307.9 | 90,200 | | | | | | | 90 |
| 95 | 55.3 | 300.3 | 80,800 * | 61.8 | 305.3 | 84,300 | | | | | | | 95 |
| 100 | 52.1 | 296.6 | 73,900 * | 58.7 | 302.3 | 79,100 | | | | | | | 100 |
| 105 | 48.7 | 292.3 | 68,000 * | 55.6 | 299.0 | 74,400 | | | | | | | 105 |
| 110 | 45.0 | 287.5 | 62,900 * | 52.4 | 295.3 | 70,200 | | | | | | | 110 |
| 115 | 41.2 | 282.0 | 58,400 * | 49.0 | 291.1 | 66,400 | 60.1 | 299.7 | 59,400 | | | | 115 |
| 120 | 37.0 | 275.7 | 54,400 * | 45.4 | 286.4 | 63,000 | 57.0 | 296.6 | 56,300 | | | | 120 |
| 125 | 32.3 | 268.3 | 50,900 * | 41.6 | 281.0 | 58,800 * | 53.8 | 293.0 | 53,400 | | | | 125 |
| 130 | 27.0 | 259.3 | 47,700 * | 37.4 | 274.7 | 54,800 * | 50.5 | 289.1 | 50,800 | | | | 130 |
| 135 | 20.3 | 247.5 | 44,800 * | 32.8 | 267.4 | 51,200 * | 47.0 | 284.6 | 48,400 | | | | 135 |
| 140 | 9.7 | 227.9 | 41,600 * | 27.5 | 258.6 | 48,000 * | 43.3 | 279.5 | 46,200 | 55.0 | 288.9 | 40,600 | 140 |
| 145 | | | | 21.0 | 247.1 | 45,000 * | 39.3 | 273.7 | 44,100 | 51.7 | 285.1 | 38,800 | 145 |
| 150 | | | | 11.2 | 229.0 | 42,400 * | 34.9 | 266.9 | 42,200 | 48.3 | 280.8 | 37,100 | 150 |
| 155 | | | | | | | 29.9 | 258.8 | 40,400 | 44.6 | 276.0 | 35,500 | 155 |
| 160 | | | | | | | 24.1 | 248.7 | 38,600 | 40.7 | 270.4 | 34,000 | 160 |
| 165 | | | | | | | 16.2 | 234.5 | 37,000 | 36.5 | 264.0 | 32,500 | 165 |
| 170 | | | | | | | | | | 31.8 | 256.5 | 31,200 | 170 |
| 175 | | | | | | | | | | 26.3 | 247.2 | 30,000 | 175 |
| 180 | | | | | | | | | | 19.4 | 234.9 | 28,700 | 180 |
| 185 | | | | | | | | | | 7.7 | 213.1 | 27,500 | 185 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

200 Ft. Boom, 120 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 75 | 69.3 | 322.4 | 114,100 * | | | | | | | | | | 75 |
| 80 | 66.7 | 320.3 | 110,200 * | | | | | | | | | | 80 |
| 85 | 64.1 | 317.9 | 98,900 * | | | | | | | | | | 85 |
| 90 | 61.4 | 315.3 | 89,200 * | 67.0 | 318.9 | 89,700 | | | | | | | 90 |
| 95 | 58.6 | 312.3 | 81,000 * | 64.3 | 316.5 | 83,800 | | | | | | | 95 |
| 100 | 55.7 | 309.0 | 74,000 * | 61.6 | 313.9 | 78,600 | | | | | | | 100 |
| 105 | 52.8 | 305.3 | 68,100 * | 58.9 | 311.0 | 73,900 | | | | | | | 105 |
| 110 | 49.7 | 301.2 | 62,900 * | 56.0 | 307.7 | 69,700 | | | | | | | 110 |
| 115 | 46.4 | 296.6 | 58,300 * | 53.0 | 304.1 | 65,900 | 62.8 | 311.2 | 58,800 | | | | 115 |
| 120 | 43.0 | 291.5 | 54,300 * | 50.0 | 300.0 | 62,500 | 60.1 | 308.4 | 55,700 | | | | 120 |
| 125 | 39.3 | 285.6 | 50,700 * | 46.7 | 295.5 | 58,700 * | 57.3 | 305.3 | 52,800 | | | | 125 |
| 130 | 35.3 | 278.9 | 47,500 * | 43.3 | 290.4 | 54,600 * | 54.4 | 301.8 | 50,200 | | | | 130 |
| 135 | 30.9 | 271.1 | 44,500 * | 39.7 | 284.6 | 51,000 * | 51.3 | 297.9 | 47,800 | | | | 135 |
| 140 | 25.8 | 261.6 | 41,900 * | 35.7 | 278.0 | 47,800 * | 48.2 | 293.6 | 45,600 | | | | 140 |
| 145 | 19.4 | 249.2 | 39,500 * | 31.3 | 270.2 | 44,800 * | 44.9 | 288.7 | 43,500 | 55.4 | 297.7 | 38,100 | 145 |
| 150 | 9.3 | 228.7 | 36,800 * | 26.3 | 260.9 | 42,100 * | 41.3 | 283.3 | 41,600 | 52.4 | 293.9 | 36,400 | 150 |
| 155 | | | | 20.0 | 248.9 | 39,700 * | 37.5 | 277.1 | 39,800 | 49.3 | 289.8 | 34,800 | 155 |
| 160 | | | | 10.7 | 229.9 | 37,500 * | 33.3 | 269.9 | 38,200 | 46.1 | 285.1 | 33,400 | 160 |
| 165 | | | | | | | 28.6 | 261.3 | 36,600 | 42.6 | 279.9 | 32,000 | 165 |
| 170 | | | | | | | 23.0 | 250.7 | 35,100 | 38.9 | 274.0 | 30,700 | 170 |
| 175 | | | | | | | 15.5 | 235.9 | 33,700 | 34.9 | 267.2 | 29,400 | 175 |
| 180 | | | | | | | | | | 30.4 | 259.2 | 28,200 | 180 |
| 185 | | | | | | | | | | 25.1 | 249.4 | 27,100 | 185 |
| 190 | | | | | | | | | | 18.5 | 236.5 | 26,000 | 190 |
| 195 | | | | | | | | | | 7.4 | 213.7 | 25,000 | 195 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

200 Ft. Boom, 130 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 75 | 71.0 | 333.0 | 106,900 * | | | | | | | | | | 75 |
| 80 | 68.6 | 331.2 | 103,500 * | | | | | | | | | | 80 |
| 85 | 66.2 | 329.0 | 98,900 * | | | | | | | | | | 85 |
| 90 | 63.8 | 326.6 | 89,100 * | | | | | | | | | | 90 |
| 95 | 61.3 | 324.0 | 80,900 * | 66.4 | 327.6 | 83,500 | | | | | | | 95 |
| 100 | 58.7 | 321.0 | 73,900 * | 64.0 | 325.2 | 78,300 | | | | | | | 100 |
| 105 | 56.1 | 317.7 | 68,000 * | 61.5 | 322.6 | 73,600 | | | | | | | 105 |
| 110 | 53.4 | 314.1 | 62,800 * | 58.9 | 319.6 | 69,500 | | | | | | | 110 |
| 115 | 50.5 | 310.1 | 58,200 * | 56.3 | 316.4 | 65,700 | | | | | | | 115 |
| 120 | 47.6 | 305.7 | 54,100 * | 53.6 | 312.8 | 62,200 | 62.6 | 319.8 | 55,400 | | | | 120 |
| 125 | 44.5 | 300.8 | 50,500 * | 50.8 | 308.9 | 58,600 * | 60.1 | 317.0 | 52,600 | | | | 125 |
| 130 | 41.2 | 295.3 | 47,300 * | 47.9 | 304.5 | 54,500 * | 57.5 | 313.9 | 50,000 | | | | 130 |
| 135 | 37.7 | 289.1 | 44,400 * | 44.8 | 299.6 | 50,900 * | 54.8 | 310.5 | 47,600 | | | | 135 |
| 140 | 33.9 | 282.0 | 41,800 * | 41.5 | 294.2 | 47,600 * | 52.0 | 306.7 | 45,400 | | | | 140 |
| 145 | 29.6 | 273.7 | 39,400 * | 38.0 | 288.1 | 44,700 * | 49.2 | 302.5 | 43,300 | | | | 145 |
| 150 | 24.7 | 263.8 | 37,100 * | 34.3 | 281.1 | 42,000 * | 46.2 | 297.9 | 41,400 | 55.8 | 306.4 | 36,200 | 150 |
| 155 | 18.6 | 250.8 | 35,100 * | 30.1 | 272.9 | 39,600 * | 43.0 | 292.7 | 39,600 | 53.0 | 302.7 | 34,600 | 155 |
| 160 | 8.9 | 229.4 | 32,800 * | 25.2 | 263.1 | 37,400 * | 39.6 | 286.9 | 38,000 | 50.2 | 298.7 | 33,100 | 160 |
| 165 | | | | 19.2 | 250.6 | 35,300 * | 36.0 | 280.3 | 36,400 | 47.3 | 294.2 | 31,700 | 165 |
| 170 | | | | 10.2 | 230.7 | 33,400 * | 32.0 | 272.7 | 35,000 | 44.1 | 289.2 | 30,400 | 170 |
| 175 | | | | | | | 27.4 | 263.8 | 33,600 | 40.9 | 283.7 | 29,200 | 175 |
| 180 | | | | | | | 22.1 | 252.6 | 32,300 | 37.3 | 277.4 | 28,100 | 180 |
| 185 | | | | | | | 14.9 | 237.2 | 31,000 | 33.5 | 270.2 | 27,000 | 185 |
| 190 | | | | | | | | | | 29.1 | 261.8 | 25,900 | 190 |
| 195 | | | | | | | | | | 24.1 | 251.5 | 24,900 | 195 |
| 200 | | | | | | | | | | 17.8 | 238.1 | 24,000 | 200 |
| 205 | | | | | | | | | | 7.0 | 214.3 | 23,000 | 205 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

200 Ft. Boom, 140 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 80 | 70.2 | 341.9 | 96,800 * | | | | | | | | | | 80 |
| 85 | 68.0 | 339.9 | 93,900 * | | | | | | | | | | 85 |
| 90 | 65.8 | 337.7 | 88,700 * | | | | | | | | | | 90 |
| 95 | 63.5 | 335.3 | 80,500 * | | | | | | | | | | 95 |
| 100 | 61.2 | 332.6 | 73,500 * | 66.0 | 336.3 | 77,800 | | | | | | | 100 |
| 105 | 58.8 | 329.7 | 67,500 * | 63.7 | 333.9 | 73,100 | | | | | | | 105 |
| 110 | 56.4 | 326.4 | 62,300 * | 61.4 | 331.2 | 68,900 | | | | | | | 110 |
| 115 | 53.8 | 322.9 | 57,700 * | 59.0 | 328.3 | 65,100 | | | | | | | 115 |
| 120 | 51.3 | 319.0 | 53,700 * | 56.6 | 325.1 | 61,700 | | | | | | | 120 |
| 125 | 48.6 | 314.7 | 50,100 * | 54.1 | 321.6 | 58,200 * | 62.4 | 328.5 | 52,000 | | | | 125 |
| 130 | 45.7 | 309.9 | 46,800 * | 51.5 | 317.7 | 54,100 * | 60.1 | 325.7 | 49,400 | | | | 130 |
| 135 | 42.8 | 304.7 | 43,900 * | 48.8 | 313.5 | 50,400 * | 57.7 | 322.6 | 47,000 | | | | 135 |
| 140 | 39.6 | 298.9 | 41,300 * | 46.0 | 308.8 | 47,200 * | 55.2 | 319.2 | 44,800 | | | | 140 |
| 145 | 36.3 | 292.4 | 38,900 * | 43.1 | 303.6 | 44,200 * | 52.6 | 315.5 | 42,800 | | | | 145 |
| 150 | 32.6 | 284.9 | 36,700 * | 39.9 | 297.8 | 41,500 * | 50.0 | 311.4 | 40,900 | | | | 150 |
| 155 | 28.5 | 276.3 | 34,700 * | 36.6 | 291.4 | 39,100 * | 47.3 | 307.0 | 39,100 | 56.1 | 315.1 | 34,000 | 155 |
| 160 | 23.8 | 265.9 | 32,800 * | 33.0 | 284.0 | 36,900 * | 44.4 | 302.0 | 37,500 | 53.6 | 311.5 | 32,500 | 160 |
| 165 | 17.9 | 252.3 | 31,000 * | 28.9 | 275.5 | 34,800 * | 41.3 | 296.5 | 35,900 | 51.0 | 307.5 | 31,100 | 165 |
| 170 | 8.6 | 230.1 | 29,100 * | 24.3 | 265.3 | 33,000 * | 38.1 | 290.4 | 34,500 | 48.3 | 303.2 | 29,800 | 170 |
| 175 | | | | 18.5 | 252.2 | 31,200 * | 34.6 | 283.5 | 33,100 | 45.4 | 298.4 | 28,600 | 175 |
| 180 | | | | 9.8 | 231.5 | 29,600 * | 30.8 | 275.5 | 31,800 | 42.4 | 293.1 | 27,500 | 180 |
| 185 | | | | | | | 26.4 | 266.1 | 30,600 | 39.3 | 287.2 | 26,400 | 185 |
| 190 | | | | | | | 21.2 | 254.5 | 29,400 | 35.9 | 280.6 | 25,400 | 190 |
| 195 | | | | | | | 14.3 | 238.4 | 28,300 | 32.2 | 273.1 | 24,400 | 195 |
| 200 | | | | | | | | | | 28.0 | 264.3 | 23,500 | 200 |
| 205 | | | | | | | | | | 23.2 | 253.6 | 22,600 | 205 |
| 210 | | | | | | | | | | 17.1 | 239.6 | 21,700 | 210 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

200 Ft. Boom, 150 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 85 | 69.5 | 350.7 | 88,700 * | | | | | | | | | | 85 |
| 90 | 67.5 | 348.7 | 86,200 * | | | | | | | | | | 90 |
| 95 | 65.4 | 346.4 | 82,300 * | | | | | | | | | | 95 |
| 100 | 63.3 | 344.0 | 75,000 * | 67.7 | 347.2 | 77,200 | | | | | | | 100 |
| 105 | 61.1 | 341.3 | 68,800 * | 65.6 | 345.0 | 72,600 | | | | | | | 105 |
| 110 | 58.9 | 338.3 | 63,500 * | 63.5 | 342.6 | 68,400 | | | | | | | 110 |
| 115 | 56.6 | 335.1 | 58,700 * | 61.3 | 339.9 | 64,700 | | | | | | | 115 |
| 120 | 54.3 | 331.6 | 54,600 * | 59.1 | 337.0 | 61,200 | | | | | | | 120 |
| 125 | 51.9 | 327.8 | 50,900 * | 56.8 | 333.8 | 58,100 | | | | | | | 125 |
| 130 | 49.4 | 323.6 | 47,500 * | 54.5 | 330.3 | 55,000 * | 62.3 | 337.2 | 48,800 | | | | 130 |
| 135 | 46.8 | 319.0 | 44,600 * | 52.1 | 326.5 | 51,200 * | 60.1 | 334.4 | 46,500 | | | | 135 |
| 140 | 44.1 | 314.0 | 41,800 * | 49.6 | 322.4 | 47,800 * | 57.8 | 331.3 | 44,300 | | | | 140 |
| 145 | 41.2 | 308.5 | 39,400 * | 47.0 | 317.8 | 44,800 * | 55.5 | 327.9 | 42,300 | | | | 145 |
| 150 | 38.2 | 302.4 | 37,100 * | 44.3 | 312.9 | 42,100 * | 53.2 | 324.3 | 40,400 | | | | 150 |
| 155 | 35.0 | 295.5 | 35,000 * | 41.5 | 307.4 | 39,600 * | 50.7 | 320.3 | 38,600 | | | | 155 |
| 160 | 31.5 | 287.8 | 33,100 * | 38.5 | 301.3 | 37,300 * | 48.2 | 316.0 | 37,000 | 56.4 | 323.8 | 32,000 | 160 |
| 165 | 27.5 | 278.7 | 31,400 * | 35.3 | 294.6 | 35,200 * | 45.5 | 311.2 | 35,400 | 54.0 | 320.2 | 30,600 | 165 |
| 170 | 22.9 | 267.9 | 29,700 * | 31.8 | 286.9 | 33,300 * | 42.8 | 305.9 | 34,000 | 51.6 | 316.4 | 29,300 | 170 |
| 175 | 17.3 | 253.8 | 28,200 * | 27.9 | 278.0 | 31,500 * | 39.9 | 300.2 | 32,600 | 49.1 | 312.1 | 28,100 | 175 |
| 180 | 8.3 | 230.8 | 25,200 * | 23.4 | 267.3 | 29,900 * | 36.7 | 293.7 | 31,400 | 46.5 | 307.5 | 27,000 | 180 |
| 185 | | | | 17.9 | 253.7 | 28,400 * | 33.4 | 286.5 | 30,100 | 43.8 | 302.5 | 25,900 | 185 |
| 190 | | | | 9.5 | 232.3 | 26,400 * | 29.7 | 278.2 | 29,000 | 40.9 | 296.9 | 24,900 | 190 |
| 195 | | | | | | | 25.5 | 268.4 | 27,900 | 37.9 | 290.7 | 23,900 | 195 |
| 200 | | | | | | | 20.5 | 256.3 | 26,900 | 34.6 | 283.8 | 23,000 | 200 |
| 205 | | | | | | | 13.8 | 239.6 | 25,800 | 31.0 | 275.9 | 22,100 | 205 |
| 210 | | | | | | | | | | 27.1 | 266.7 | 21,300 | 210 |
| 220 | | | | | | | | | | 16.5 | 241.0 | 19,700 | 220 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

200 Ft. Boom, 160 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 85 | 70.9 | 361.3 | 83,000 * | | | | | | | | | | 85 |
| 90 | 69.0 | 359.5 | 80,700 * | | | | | | | | | | 90 |
| 95 | 67.0 | 357.4 | 78,500 * | | | | | | | | | | 95 |
| 100 | 65.1 | 355.1 | 74,500 * | | | | | | | | | | 100 |
| 105 | 63.1 | 352.6 | 68,300 * | 67.2 | 356.0 | 72,100 | | | | | | | 105 |
| 110 | 61.0 | 349.9 | 62,900 * | 65.2 | 353.7 | 67,900 | | | | | | | 110 |
| 115 | 58.9 | 347.0 | 58,200 * | 63.2 | 351.2 | 64,100 | | | | | | | 115 |
| 120 | 56.8 | 343.8 | 54,000 * | 61.2 | 348.6 | 60,700 | | | | | | | 120 |
| 125 | 54.6 | 340.3 | 50,300 * | 59.1 | 345.6 | 57,600 | | | | | | | 125 |
| 130 | 52.4 | 336.6 | 47,000 * | 57.0 | 342.5 | 54,400 * | | | | | | | 130 |
| 135 | 50.1 | 332.5 | 44,000 * | 54.9 | 339.0 | 50,700 * | 62.1 | 345.8 | 45,900 | | | | 135 |
| 140 | 47.7 | 328.1 | 41,300 * | 52.6 | 335.3 | 47,300 * | 60.1 | 343.0 | 43,700 | | | | 140 |
| 145 | 45.2 | 323.2 | 38,800 * | 50.3 | 331.3 | 44,300 * | 58.0 | 340.0 | 41,700 | | | | 145 |
| 150 | 42.6 | 318.0 | 36,600 * | 47.9 | 326.9 | 41,600 * | 55.8 | 336.6 | 39,800 | | | | 150 |
| 155 | 39.9 | 312.2 | 34,500 * | 45.4 | 322.1 | 39,100 * | 53.6 | 333.0 | 38,100 | | | | 155 |
| 160 | 37.0 | 305.7 | 32,600 * | 42.9 | 316.8 | 36,800 * | 51.3 | 329.1 | 36,400 | | | | 160 |
| 165 | 33.8 | 298.6 | 30,900 * | 40.1 | 311.1 | 34,700 * | 49.0 | 324.9 | 34,900 | 56.6 | 332.5 | 30,000 | 165 |
| 170 | 30.4 | 290.5 | 29,200 * | 37.2 | 304.7 | 32,800 * | 46.6 | 320.3 | 33,500 | 54.4 | 329.0 | 28,700 | 170 |
| 175 | 26.6 | 281.1 | 27,700 * | 34.1 | 297.6 | 31,000 * | 44.0 | 315.3 | 32,100 | 52.2 | 325.2 | 27,500 | 175 |
| 180 | 22.2 | 269.8 | 26,300 * | 30.7 | 289.6 | 29,400 * | 41.3 | 309.7 | 30,800 | 49.8 | 321.0 | 26,400 | 180 |
| 185 | 16.7 | 255.3 | 24,900 * | 27.0 | 280.4 | 27,800 * | 38.5 | 303.7 | 29,600 | 47.4 | 316.6 | 25,300 | 185 |
| 190 | 8.0 | 231.5 | 22,300 * | 22.6 | 269.3 | 26,400 * | 35.5 | 296.9 | 28,500 | 44.9 | 311.7 | 24,300 | 190 |
| 195 | | | | 17.3 | 255.2 | 25,100 * | 32.3 | 289.4 | 27,400 | 42.3 | 306.4 | 23,400 | 195 |
| 200 | | | | 9.1 | 233.1 | 23,400 * | 28.7 | 280.7 | 26,400 | 39.6 | 300.5 | 22,500 | 200 |
| 205 | | | | | | | 24.6 | 270.5 | 25,400 | 36.6 | 294.0 | 21,600 | 205 |
| 210 | | | | | | | 19.8 | 258.0 | 24,500 | 33.5 | 286.8 | 20,800 | 210 |
| 220 | | | | | | | | | | 26.2 | 269.0 | 19,200 | 220 |
| 230 | | | | | | | | | | 16.0 | 242.4 | 17,800 | 230 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

200 Ft. Boom, 170 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 90 | 70.3 | 370.2 | 76,000 * | | | | | | | | | | 90 |
| 95 | 68.5 | 368.2 | 73,900 * | | | | | | | | | | 95 |
| 100 | 66.6 | 366.1 | 71,700 * | | | | | | | | | | 100 |
| 105 | 64.8 | 363.8 | 68,000 * | | | | | | | | | | 105 |
| 110 | 62.9 | 361.3 | 62,600 * | 66.8 | 364.7 | 67,600 | | | | | | | 110 |
| 115 | 61.0 | 358.6 | 57,900 * | 64.9 | 362.4 | 63,800 | | | | | | | 115 |
| 120 | 59.0 | 355.7 | 53,800 * | 63.1 | 359.9 | 60,400 | | | | | | | 120 |
| 125 | 57.0 | 352.5 | 50,000 * | 61.1 | 357.2 | 57,300 | | | | | | | 125 |
| 130 | 55.0 | 349.1 | 46,700 * | 59.2 | 354.3 | 54,100 * | | | | | | | 130 |
| 135 | 52.9 | 345.4 | 43,700 * | 57.2 | 351.2 | 50,400 * | | | | | | | 135 |
| 140 | 50.7 | 341.4 | 41,000 * | 55.2 | 347.7 | 47,000 * | 62.0 | 354.5 | 43,400 | | | | 140 |
| 145 | 48.5 | 337.0 | 38,500 * | 53.1 | 344.1 | 44,000 * | 60.1 | 351.7 | 41,400 | | | | 145 |
| 150 | 46.2 | 332.4 | 36,300 * | 50.9 | 340.1 | 41,300 * | 58.1 | 348.6 | 39,500 | | | | 150 |
| 155 | 43.8 | 327.3 | 34,200 * | 48.7 | 335.8 | 38,800 * | 56.1 | 345.3 | 37,800 | | | | 155 |
| 160 | 41.3 | 321.7 | 32,300 * | 46.4 | 331.2 | 36,500 * | 54.0 | 341.8 | 36,100 | | | | 160 |
| 165 | 38.6 | 315.7 | 30,500 * | 44.0 | 326.1 | 34,400 * | 51.9 | 338.0 | 34,600 | | | | 165 |
| 170 | 35.8 | 309.0 | 28,900 * | 41.5 | 320.6 | 32,500 * | 49.7 | 333.8 | 33,200 | 56.8 | 341.1 | 28,400 | 170 |
| 175 | 32.8 | 301.5 | 27,400 * | 38.9 | 314.6 | 30,700 * | 47.4 | 329.3 | 31,900 | 54.7 | 337.7 | 27,200 | 175 |
| 180 | 29.5 | 293.1 | 26,000 * | 36.1 | 308.0 | 29,100 * | 45.1 | 324.5 | 30,600 | 52.6 | 333.9 | 26,100 | 180 |
| 185 | 25.8 | 283.4 | 24,700 * | 33.1 | 300.6 | 27,500 * | 42.6 | 319.2 | 29,400 | 50.5 | 329.9 | 25,100 | 185 |
| 190 | 21.5 | 271.7 | 23,400 * | 29.8 | 292.3 | 26,100 * | 40.0 | 313.4 | 28,300 | 48.2 | 325.6 | 24,100 | 190 |
| 195 | 16.2 | 256.7 | 22,200 * | 26.1 | 282.7 | 24,800 * | 37.3 | 307.1 | 27,200 | 45.9 | 320.8 | 23,100 | 195 |
| 200 | 7.7 | 232.1 | 19,800 * | 21.9 | 271.3 | 23,500 * | 34.4 | 300.0 | 26,200 | 43.5 | 315.7 | 22,200 | 200 |
| 205 | | | | 16.7 | 256.7 | 22,400 * | 31.3 | 292.2 | 25,200 | 41.0 | 310.1 | 21,300 | 205 |
| 210 | | | | 8.9 | 233.9 | 20,900 * | 27.8 | 283.2 | 24,300 | 38.3 | 304.0 | 20,500 | 210 |
| 220 | | | | | | | 19.2 | 259.7 | 22,500 | 32.4 | 289.7 | 19,000 | 220 |
| 230 | | | | | | | | | | 25.4 | 271.2 | 17,600 | 230 |
| 240 | | | | | | | | | | 15.5 | 243.7 | 16,300 | 240 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

200 Ft. Boom, 180 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 95 | 69.7 | 379.0 | 69,200 * | | | | | | | | | | 95 |
| 100 | 68.0 | 377.0 | 66,700 * | | | | | | | | | | 100 |
| 105 | 66.3 | 374.8 | 64,200 * | | | | | | | | | | 105 |
| 110 | 64.5 | 372.5 | 61,700 * | | | | | | | | | | 110 |
| 115 | 62.7 | 370.0 | 57,400 * | 66.4 | 373.4 | 63,300 | | | | | | | 115 |
| 120 | 60.9 | 367.3 | 53,200 * | 64.7 | 371.1 | 59,900 | | | | | | | 120 |
| 125 | 59.1 | 364.3 | 49,500 * | 62.9 | 368.6 | 56,800 | | | | | | | 125 |
| 130 | 57.2 | 361.2 | 46,200 * | 61.1 | 365.9 | 53,600 * | | | | | | | 130 |
| 135 | 55.3 | 357.8 | 43,200 * | 59.2 | 363.0 | 49,900 * | | | | | | | 135 |
| 140 | 53.3 | 354.1 | 40,500 * | 57.4 | 359.8 | 46,500 * | | | | | | | 140 |
| 145 | 51.3 | 350.2 | 38,000 * | 55.4 | 356.5 | 43,500 * | 61.9 | 363.2 | 40,800 | | | | 145 |
| 150 | 49.2 | 346.0 | 35,800 * | 53.5 | 352.8 | 40,700 * | 60.1 | 360.3 | 38,900 | | | | 150 |
| 155 | 47.0 | 341.4 | 33,700 * | 51.5 | 348.9 | 38,200 * | 58.2 | 357.3 | 37,200 | | | | 155 |
| 160 | 44.8 | 336.5 | 31,800 * | 49.4 | 344.7 | 36,000 * | 56.3 | 354.0 | 35,600 | | | | 160 |
| 165 | 42.5 | 331.2 | 30,000 * | 47.2 | 340.2 | 33,900 * | 54.3 | 350.5 | 34,100 | | | | 165 |
| 170 | 40.0 | 325.4 | 28,400 * | 45.0 | 335.3 | 32,000 * | 52.4 | 346.7 | 32,700 | | | | 170 |
| 175 | 37.5 | 319.1 | 26,900 * | 42.7 | 330.1 | 30,200 * | 50.3 | 342.7 | 31,300 | 57.0 | 349.8 | 26,600 | 175 |
| 180 | 34.8 | 312.1 | 25,500 * | 40.3 | 324.3 | 28,500 * | 48.2 | 338.3 | 30,100 | 55.0 | 346.4 | 25,500 | 180 |
| 185 | 31.8 | 304.4 | 24,100 * | 37.7 | 318.1 | 27,000 * | 46.0 | 333.6 | 28,900 | 53.1 | 342.7 | 24,500 | 185 |
| 190 | 28.6 | 295.7 | 22,900 * | 35.0 | 311.2 | 25,600 * | 43.7 | 328.5 | 27,700 | 51.0 | 338.8 | 23,500 | 190 |
| 195 | 25.0 | 285.6 | 21,700 * | 32.1 | 303.5 | 24,300 * | 41.4 | 323.0 | 26,700 | 49.0 | 334.5 | 22,500 | 195 |
| 200 | 20.9 | 273.5 | 20,600 * | 28.9 | 294.9 | 23,000 * | 38.9 | 317.0 | 25,700 | 46.8 | 329.9 | 21,600 | 200 |
| 205 | 15.7 | 258.1 | 19,600 * | 25.4 | 285.0 | 21,800 * | 36.2 | 310.3 | 24,700 | 44.6 | 325.0 | 20,800 | 205 |
| 210 | 7.5 | 232.8 | 17,400 * | 21.3 | 273.1 | 20,700 * | 33.4 | 303.0 | 23,800 | 42.2 | 319.6 | 20,000 | 210 |
| 220 | | | | 8.6 | 234.6 | 18,400 * | 27.0 | 285.6 | 22,100 | 37.2 | 307.4 | 18,500 | 220 |
| 230 | | | | | | | 18.6 | 261.3 | 20,200 * | 31.5 | 292.5 | 17,100 | 230 |
| 240 | | | | | | | | | | 24.6 | 273.4 | 15,800 | 240 |
| 250 | | | | | | | | | | 15.0 | 245.0 | 14,600 | 250 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

200 Ft. Boom, 190 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 95 | 70.8 | 389.6 | 64,400 * | | | | | | | | | | 95 |
| 100 | 69.2 | 387.8 | 62,300 * | | | | | | | | | | 100 |
| 105 | 67.6 | 385.7 | 60,000 * | | | | | | | | | | 105 |
| 110 | 65.9 | 383.6 | 57,600 * | | | | | | | | | | 110 |
| 115 | 64.3 | 381.2 | 55,200 * | 67.7 | 384.3 | 59,700 * | | | | | | | 115 |
| 120 | 62.6 | 378.6 | 52,700 * | 66.1 | 382.1 | 57,600 * | | | | | | | 120 |
| 125 | 60.9 | 375.9 | 49,000 * | 64.4 | 379.8 | 55,300 * | | | | | | | 125 |
| 130 | 59.1 | 373.0 | 45,700 * | 62.7 | 377.3 | 53,000 * | | | | | | | 130 |
| 135 | 57.3 | 369.8 | 42,700 * | 61.0 | 374.5 | 49,400 * | | | | | | | 135 |
| 140 | 55.5 | 366.5 | 40,000 * | 59.3 | 371.6 | 46,000 * | | | | | | | 140 |
| 145 | 53.7 | 362.9 | 37,500 * | 57.5 | 368.5 | 43,000 * | | | | | | | 145 |
| 150 | 51.8 | 359.0 | 35,300 * | 55.7 | 365.2 | 40,200 * | 61.8 | 371.8 | 38,500 | | | | 150 |
| 155 | 49.8 | 354.9 | 33,200 * | 53.8 | 361.6 | 37,700 * | 60.1 | 369.0 | 36,700 | | | | 155 |
| 160 | 47.8 | 350.4 | 31,300 * | 51.9 | 357.7 | 35,500 * | 58.3 | 366.0 | 35,100 | | | | 160 |
| 165 | 45.7 | 345.7 | 29,500 * | 50.0 | 353.6 | 33,400 * | 56.5 | 362.7 | 33,600 | | | | 165 |
| 170 | 43.5 | 340.5 | 27,900 * | 48.0 | 349.2 | 31,500 * | 54.7 | 359.2 | 32,200 | | | | 170 |
| 175 | 41.3 | 335.0 | 26,400 * | 45.9 | 344.5 | 29,700 * | 52.8 | 355.5 | 30,900 | | | | 175 |
| 180 | 38.9 | 328.9 | 25,000 * | 43.7 | 339.4 | 28,000 * | 50.8 | 351.5 | 29,600 | 57.1 | 358.5 | 25,000 | 180 |
| 185 | 36.4 | 322.4 | 23,600 * | 41.5 | 333.9 | 26,500 * | 48.9 | 347.3 | 28,400 | 55.3 | 355.1 | 24,000 | 185 |
| 190 | 33.8 | 315.2 | 22,400 * | 39.1 | 327.9 | 25,100 * | 46.8 | 342.7 | 27,300 | 53.5 | 351.5 | 23,000 | 190 |
| 195 | 30.9 | 307.2 | 21,200 * | 36.7 | 321.4 | 23,800 * | 44.7 | 337.7 | 26,200 | 51.5 | 347.6 | 22,100 | 195 |
| 200 | 27.8 | 298.1 | 20,100 * | 34.0 | 314.2 | 22,500 * | 42.5 | 332.4 | 25,200 | 49.6 | 343.4 | 21,200 | 200 |
| 205 | 24.3 | 287.7 | 19,100 * | 31.2 | 306.3 | 21,400 * | 40.2 | 326.6 | 24,300 | 47.6 | 338.9 | 20,300 | 205 |
| 210 | 20.3 | 275.3 | 18,100 * | 28.1 | 297.4 | 20,300 * | 37.8 | 320.4 | 23,400 | 45.5 | 334.1 | 19,500 | 210 |
| 220 | 7.3 | 233.4 | 15,200 * | 20.7 | 275.0 | 18,200 * | 32.5 | 306.0 | 21,700 | 41.0 | 323.4 | 18,000 | 220 |
| 230 | | | | 8.4 | 235.3 | 16,200 * | 26.3 | 287.9 | 19,700 * | 36.2 | 310.6 | 16,600 | 230 |
| 240 | | | | | | | 18.1 | 262.9 | 17,700 * | 30.6 | 295.2 | 15,400 | 240 |
| 250 | | | | | | | | | | 23.9 | 275.5 | 14,200 | 250 |
| 260 | | | | | | | | | | 14.6 | 246.3 | 13,100 | 260 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

200 Ft. Boom, 200 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 100 | 70.3 | 398.4 | 56,000 * | | | | | | | | | | 100 |
| 105 | 68.8 | 396.5 | 53,800 * | | | | | | | | | | 105 |
| 110 | 67.2 | 394.5 | 51,600 * | | | | | | | | | | 110 |
| 115 | 65.7 | 392.3 | 49,300 * | | | | | | | | | | 115 |
| 120 | 64.1 | 389.9 | 47,000 * | 67.4 | 393.0 | 51,500 * | | | | | | | 120 |
| 125 | 62.5 | 387.3 | 44,900 * | 65.8 | 390.8 | 49,400 * | | | | | | | 125 |
| 130 | 60.8 | 384.6 | 42,700 * | 64.2 | 388.5 | 47,200 * | | | | | | | 130 |
| 135 | 59.2 | 381.6 | 40,700 * | 62.6 | 385.9 | 45,000 * | | | | | | | 135 |
| 140 | 57.5 | 378.5 | 38,700 * | 61.0 | 383.2 | 43,000 * | | | | | | | 140 |
| 145 | 55.7 | 375.2 | 36,700 * | 59.3 | 380.3 | 40,900 * | | | | | | | 145 |
| 150 | 54.0 | 371.6 | 34,900 * | 57.6 | 377.2 | 38,900 * | | | | | | | 150 |
| 155 | 52.2 | 367.8 | 33,000 * | 55.9 | 373.9 | 37,000 * | 61.7 | 380.5 | 36,200 | | | | 155 |
| 160 | 50.3 | 363.7 | 31,100 * | 54.2 | 370.3 | 35,200 * | 60.0 | 377.7 | 34,600 | | | | 160 |
| 165 | 48.4 | 359.4 | 29,300 * | 52.4 | 366.5 | 33,200 * | 58.4 | 374.6 | 33,000 | | | | 165 |
| 170 | 46.5 | 354.7 | 27,600 * | 50.5 | 362.5 | 31,300 * | 56.7 | 371.4 | 31,600 | | | | 170 |
| 175 | 44.5 | 349.8 | 26,100 * | 48.6 | 358.2 | 29,500 * | 54.9 | 368.0 | 30,300 | | | | 175 |
| 180 | 42.4 | 344.4 | 24,600 * | 46.7 | 353.6 | 27,800 * | 53.2 | 364.3 | 29,100 | | | | 180 |
| 185 | 40.2 | 338.6 | 23,300 * | 44.7 | 348.6 | 26,200 * | 51.3 | 360.4 | 27,900 | 57.3 | 367.2 | 23,400 | 185 |
| 190 | 37.9 | 332.4 | 22,100 * | 42.6 | 343.3 | 24,800 * | 49.5 | 356.2 | 26,800 | 55.6 | 363.8 | 22,400 | 190 |
| 195 | 35.5 | 325.6 | 20,900 * | 40.4 | 337.6 | 23,400 * | 47.5 | 351.7 | 25,700 | 53.8 | 360.2 | 21,500 | 195 |
| 200 | 32.9 | 318.1 | 19,800 * | 38.1 | 331.4 | 22,200 * | 45.6 | 346.9 | 24,700 | 52.0 | 356.4 | 20,600 | 200 |
| 205 | 30.1 | 309.8 | 18,700 * | 35.7 | 324.6 | 21,000 * | 43.5 | 341.7 | 23,800 | 50.1 | 352.3 | 19,700 | 205 |
| 210 | 27.1 | 300.5 | 17,700 * | 33.1 | 317.2 | 19,900 * | 41.4 | 336.2 | 22,900 | 48.2 | 347.9 | 18,900 | 210 |
| 220 | 19.8 | 277.1 | 15,800 * | 27.4 | 299.8 | 17,800 * | 36.8 | 323.7 | 21,200 | 44.2 | 338.2 | 17,500 | 220 |
| 230 | 7.1 | 234.0 | 13,300 * | 20.2 | 276.7 | 16,000 * | 31.6 | 308.8 | 19,300 * | 39.9 | 327.0 | 16,100 | 230 |
| 240 | | | | 8.1 | 236.0 | 14,100 * | 25.6 | 290.2 | 17,300 * | 35.2 | 313.8 | 14,900 | 240 |
| 250 | | | | | | | 17.7 | 264.4 | 15,600 * | 29.8 | 297.9 | 13,700 | 250 |
| 260 | | | | | | | | | | 23.3 | 277.6 | 12,600 | 260 |
| 270 | | | | | | | | | | 14.2 | 247.5 | 11,600 | 270 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

220 Ft. Boom, 70 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 65 | 64.6 | 293.1 | 144,700 b | | | | | | | | | | 65 |
| 70 | 59.9 | 290.4 | 131,800 b | | | | | | | | | | 70 |
| 75 | 55.0 | 287.0 | 120,900 b | 66.0 | 292.0 | 113,500 b | | | | | | | 75 |
| 80 | 49.8 | 283.0 | 111,500 | 61.3 | 289.5 | 104,700 b | | | | | | | 80 |
| 85 | 44.1 | 278.2 | 100,200 * | 56.5 | 286.3 | 97,200 b | | | | | | | 85 |
| 90 | 37.7 | 272.2 | 90,200 * | 51.4 | 282.5 | 90,500 b | | | | | | | 90 |
| 95 | 30.1 | 264.4 | 81,900 * | 45.8 | 278.0 | 84,700 | | | | | | | 95 |
| 100 | 20.1 | 253.2 | 74,900 * | 39.7 | 272.3 | 79,500 | 60.3 | 284.5 | 70,800 b | | | | 100 |
| 105 | | | | 32.6 | 265.2 | 74,800 | 55.4 | 281.2 | 66,700 b | | | | 105 |
| 110 | | | | 23.5 | 255.4 | 70,500 | 50.2 | 277.3 | 62,900 | | | | 110 |
| 115 | | | | 6.5 | 235.3 | 66,500 | 44.5 | 272.5 | 59,500 | | | | 115 |
| 120 | | | | | | | 38.2 | 266.6 | 56,400 | | | | 120 |
| 125 | | | | | | | 30.8 | 259.1 | 53,500 | 53.8 | 274.2 | 47,000 b | 125 |
| 130 | | | | | | | 21.0 | 248.3 | 50,900 | 48.5 | 270.0 | 44,700 | 130 |
| 135 | | | | | | | | | | 42.7 | 264.9 | 42,600 | 135 |
| 140 | | | | | | | | | | 36.1 | 258.6 | 40,600 | 140 |
| 145 | | | | | | | | | | 28.1 | 250.3 | 38,700 | 145 |
| 150 | | | | | | | | | | 16.9 | 237.6 | 37,000 | 150 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

220 Ft. Boom, 80 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 65 | 68.0 | 304.1 | 144,200 b | | | | | | | | | | 65 |
| 70 | 64.0 | 301.8 | 131,300 b | | | | | | | | | | 70 |
| 75 | 59.9 | 299.0 | 120,400 b | | | | | | | | | | 75 |
| 80 | 55.7 | 295.8 | 111,100 | 65.2 | 300.7 | 104,100 b | | | | | | | 80 |
| 85 | 51.1 | 291.9 | 100,600 * | 61.2 | 298.1 | 96,600 b | | | | | | | 85 |
| 90 | 46.3 | 287.4 | 90,600 * | 57.0 | 295.0 | 90,000 | | | | | | | 90 |
| 95 | 41.0 | 282.0 | 82,200 * | 52.5 | 291.4 | 84,100 | | | | | | | 95 |
| 100 | 35.1 | 275.4 | 75,200 * | 47.8 | 287.0 | 79,000 | | | | | | | 100 |
| 105 | 28.1 | 266.9 | 69,100 * | 42.7 | 281.9 | 74,300 | 60.3 | 293.2 | 66,000 b | | | | 105 |
| 110 | 18.7 | 254.8 | 63,800 * | 37.0 | 275.7 | 70,100 | 56.0 | 289.9 | 62,300 | | | | 110 |
| 115 | | | | 30.3 | 267.9 | 66,300 | 51.5 | 286.2 | 58,900 | | | | 115 |
| 120 | | | | 21.9 | 257.3 | 62,800 | 46.7 | 281.7 | 55,800 | | | | 120 |
| 125 | | | | 6.0 | 235.7 | 59,500 | 41.5 | 276.4 | 53,000 | | | | 125 |
| 130 | | | | | | | 35.6 | 269.9 | 50,400 | 54.7 | 282.9 | 44,000 | 130 |
| 135 | | | | | | | 28.7 | 261.6 | 48,000 | 50.1 | 278.9 | 41,900 | 135 |
| 140 | | | | | | | 19.6 | 250.0 | 45,700 | 45.1 | 274.2 | 39,900 | 140 |
| 145 | | | | | | | | | | 39.7 | 268.6 | 38,100 | 145 |
| 150 | | | | | | | | | | 33.6 | 261.6 | 36,400 | 150 |
| 155 | | | | | | | | | | 26.2 | 252.6 | 34,800 | 155 |
| 160 | | | | | | | | | | 15.8 | 238.9 | 33,300 | 160 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

220 Ft. Boom, 90 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 65 | 70.5 | 314.9 | 143,700 b | | | | | | | | | | 65 |
| 70 | 67.1 | 312.8 | 130,800 b | | | | | | | | | | 70 |
| 75 | 63.6 | 310.5 | 120,000 b | | | | | | | | | | 75 |
| 80 | 59.9 | 307.7 | 110,700 | | | | | | | | | | 80 |
| 85 | 56.2 | 304.5 | 101,000 * | 64.7 | 309.4 | 96,100 b | | | | | | | 85 |
| 90 | 52.2 | 300.7 | 90,900 * | 61.0 | 306.8 | 89,500 | | | | | | | 90 |
| 95 | 48.0 | 296.4 | 82,400 * | 57.3 | 303.7 | 83,700 | | | | | | | 95 |
| 100 | 43.5 | 291.4 | 75,300 * | 53.4 | 300.1 | 78,600 | | | | | | | 100 |
| 105 | 38.5 | 285.5 | 69,200 * | 49.3 | 296.0 | 73,900 | | | | | | | 105 |
| 110 | 33.0 | 278.4 | 63,900 * | 44.9 | 291.2 | 69,800 | 60.2 | 301.8 | 61,800 | | | | 110 |
| 115 | 26.4 | 269.3 | 59,300 * | 40.1 | 285.6 | 66,000 | 56.5 | 298.6 | 58,400 | | | | 115 |
| 120 | 17.6 | 256.4 | 55,200 * | 34.7 | 278.9 | 62,600 | 52.5 | 295.0 | 55,400 | | | | 120 |
| 125 | | | | 28.5 | 270.5 | 59,400 | 48.3 | 290.7 | 52,600 | | | | 125 |
| 130 | | | | 20.6 | 259.1 | 56,400 * | 43.9 | 285.8 | 50,000 | | | | 130 |
| 135 | | | | 5.6 | 236.1 | 52,500 * | 39.0 | 279.9 | 47,600 | 55.3 | 291.6 | 41,400 | 135 |
| 140 | | | | | | | 33.5 | 272.9 | 45,400 | 51.3 | 287.8 | 39,500 | 140 |
| 145 | | | | | | | 27.0 | 264.0 | 43,400 | 47.0 | 283.3 | 37,700 | 145 |
| 150 | | | | | | | 18.4 | 251.6 | 41,500 | 42.4 | 278.1 | 36,000 | 150 |
| 155 | | | | | | | | | | 37.3 | 272.0 | 34,500 | 155 |
| 160 | | | | | | | | | | 31.6 | 264.4 | 33,000 | 160 |
| 165 | | | | | | | | | | 24.6 | 254.8 | 31,600 | 165 |
| 170 | | | | | | | | | | 14.8 | 240.2 | 30,300 | 170 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

220 Ft. Boom, 100 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 70 | 69.5 | 323.7 | 130,300 b | | | | | | | | | | 70 |
| 75 | 66.4 | 321.6 | 119,400 b | | | | | | | | | | 75 |
| 80 | 63.2 | 319.1 | 110,200 | | | | | | | | | | 80 |
| 85 | 59.9 | 316.3 | 101,500 * | 67.4 | 320.4 | 95,500 b | | | | | | | 85 |
| 90 | 56.6 | 313.2 | 91,300 * | 64.2 | 318.1 | 88,900 | | | | | | | 90 |
| 95 | 53.0 | 309.5 | 82,700 * | 60.9 | 315.4 | 83,100 | | | | | | | 95 |
| 100 | 49.3 | 305.4 | 75,500 * | 57.6 | 312.4 | 78,000 | | | | | | | 100 |
| 105 | 45.4 | 300.7 | 69,300 * | 54.1 | 308.9 | 73,400 | | | | | | | 105 |
| 110 | 41.1 | 295.2 | 64,000 * | 50.4 | 304.9 | 69,200 | | | | | | | 110 |
| 115 | 36.5 | 288.8 | 59,300 * | 46.6 | 300.4 | 65,500 | 60.2 | 310.5 | 57,700 | | | | 115 |
| 120 | 31.2 | 281.2 | 55,100 * | 42.4 | 295.1 | 62,100 | 56.8 | 307.3 | 54,700 | | | | 120 |
| 125 | 25.0 | 271.5 | 51,400 * | 37.9 | 289.1 | 59,000 | 53.3 | 303.7 | 51,900 | | | | 125 |
| 130 | 16.6 | 257.8 | 48,100 * | 32.9 | 281.8 | 56,100 | 49.6 | 299.7 | 49,400 | | | | 130 |
| 135 | | | | 27.0 | 272.9 | 52,500 * | 45.7 | 295.0 | 47,000 | | | | 135 |
| 140 | | | | 19.5 | 260.8 | 49,100 * | 41.5 | 289.6 | 44,900 | 55.8 | 300.3 | 38,800 | 140 |
| 145 | | | | 5.3 | 236.5 | 46,000 * | 36.9 | 283.3 | 42,900 | 52.2 | 296.6 | 37,000 | 145 |
| 150 | | | | | | | 31.7 | 275.7 | 41,000 | 48.4 | 292.3 | 35,300 | 150 |
| 155 | | | | | | | 25.5 | 266.3 | 39,200 | 44.4 | 287.5 | 33,800 | 155 |
| 160 | | | | | | | 17.4 | 253.1 | 37,500 | 40.1 | 281.8 | 32,400 | 160 |
| 165 | | | | | | | | | | 35.3 | 275.2 | 31,000 | 165 |
| 170 | | | | | | | | | | 29.9 | 267.1 | 29,700 | 170 |
| 175 | | | | | | | | | | 23.3 | 256.8 | 28,500 | 175 |
| 180 | | | | | | | | | | 14.0 | 241.4 | 27,300 | 180 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

220 Ft. Boom, 110 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 75 | 68.7 | 332.4 | 118,900 | | | | | | | | | | 75 |
| 80 | 65.8 | 330.3 | 109,700 | | | | | | | | | | 80 |
| 85 | 62.9 | 327.8 | 101,600 | | | | | | | | | | 85 |
| 90 | 60.0 | 325.0 | 93,300 * | 66.7 | 329.2 | 88,400 | | | | | | | 90 |
| 95 | 56.9 | 321.9 | 84,500 * | 63.8 | 326.8 | 82,600 | | | | | | | 95 |
| 100 | 53.7 | 318.3 | 77,100 * | 60.9 | 324.1 | 77,500 | | | | | | | 100 |
| 105 | 50.3 | 314.3 | 70,800 * | 57.8 | 321.0 | 72,900 | | | | | | | 105 |
| 110 | 46.8 | 309.8 | 65,300 * | 54.6 | 317.6 | 68,800 | | | | | | | 110 |
| 115 | 43.1 | 304.7 | 60,500 * | 51.4 | 313.8 | 65,000 | | | | | | | 115 |
| 120 | 39.1 | 298.8 | 56,300 * | 47.9 | 309.4 | 61,600 | 60.2 | 319.1 | 54,200 | | | | 120 |
| 125 | 34.7 | 292.0 | 52,600 * | 44.2 | 304.5 | 58,500 | 57.1 | 316.0 | 51,400 | | | | 125 |
| 130 | 29.7 | 283.8 | 49,200 * | 40.3 | 298.8 | 55,700 | 53.9 | 312.5 | 48,900 | | | | 130 |
| 135 | 23.8 | 273.6 | 46,100 * | 36.0 | 292.3 | 53,000 | 50.6 | 308.5 | 46,500 | | | | 135 |
| 140 | 15.8 | 259.1 | 43,400 * | 31.3 | 284.6 | 50,200 * | 47.1 | 304.1 | 44,400 | | | | 140 |
| 145 | | | | 25.7 | 275.1 | 47,000 * | 43.4 | 299.0 | 42,400 | 56.2 | 309.0 | 36,400 | 145 |
| 150 | | | | 18.5 | 262.4 | 44,200 * | 39.4 | 293.2 | 40,500 | 52.9 | 305.4 | 34,800 | 150 |
| 155 | | | | 5.0 | 236.9 | 40,600 * | 35.0 | 286.5 | 38,800 | 49.6 | 301.3 | 33,300 | 155 |
| 160 | | | | | | | 30.1 | 278.4 | 37,100 | 46.0 | 296.6 | 31,900 | 160 |
| 165 | | | | | | | 24.3 | 268.4 | 35,600 | 42.2 | 291.3 | 30,500 | 165 |
| 170 | | | | | | | 16.6 | 254.5 | 34,100 | 38.1 | 285.3 | 29,300 | 170 |
| 175 | | | | | | | | | | 33.6 | 278.2 | 28,100 | 175 |
| 180 | | | | | | | | | | 28.4 | 269.7 | 27,000 | 180 |
| 185 | | | | | | | | | | 22.2 | 258.8 | 25,900 | 185 |
| 190 | | | | | | | | | | 13.3 | 242.5 | 24,800 | 190 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

220 Ft. Boom, 120 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 75 | 70.5 | 343.1 | 112,600 * | | | | | | | | | | 75 |
| 80 | 68.0 | 341.2 | 109,100 | | | | | | | | | | 80 |
| 85 | 65.4 | 339.0 | 101,100 | | | | | | | | | | 85 |
| 90 | 62.7 | 336.5 | 93,700 * | | | | | | | | | | 90 |
| 95 | 60.0 | 333.7 | 84,800 * | 66.2 | 337.9 | 82,000 | | | | | | | 95 |
| 100 | 57.1 | 330.5 | 77,300 * | 63.5 | 335.5 | 76,900 | | | | | | | 100 |
| 105 | 54.2 | 327.0 | 70,900 * | 60.8 | 332.8 | 72,300 | | | | | | | 105 |
| 110 | 51.2 | 323.1 | 65,300 * | 58.0 | 329.7 | 68,200 | | | | | | | 110 |
| 115 | 48.0 | 318.8 | 60,500 * | 55.1 | 326.3 | 64,500 | | | | | | | 115 |
| 120 | 44.7 | 313.9 | 56,200 * | 52.1 | 322.6 | 61,100 | 62.9 | 330.6 | 53,500 | | | | 120 |
| 125 | 41.2 | 308.4 | 52,400 * | 49.0 | 318.4 | 58,000 | 60.2 | 327.8 | 50,800 | | | | 125 |
| 130 | 37.3 | 302.2 | 49,000 * | 45.7 | 313.7 | 55,200 | 57.4 | 324.7 | 48,200 | | | | 130 |
| 135 | 33.1 | 294.9 | 45,900 * | 42.2 | 308.4 | 52,600 | 54.5 | 321.2 | 45,900 | | | | 135 |
| 140 | 28.4 | 286.3 | 43,200 * | 38.5 | 302.4 | 50,000 * | 51.5 | 317.4 | 43,800 | | | | 140 |
| 145 | 22.7 | 275.6 | 40,600 * | 34.4 | 295.4 | 46,800 * | 48.3 | 313.1 | 41,800 | | | | 145 |
| 150 | 15.1 | 260.4 | 38,300 * | 29.9 | 287.3 | 44,000 * | 45.0 | 308.2 | 40,000 | 56.5 | 317.7 | 34,100 | 150 |
| 155 | | | | 24.5 | 277.3 | 41,400 * | 41.5 | 302.8 | 38,200 | 53.5 | 314.1 | 32,600 | 155 |
| 160 | | | | 17.7 | 263.9 | 39,000 * | 37.7 | 296.6 | 36,600 | 50.5 | 310.2 | 31,200 | 160 |
| 165 | | | | 4.7 | 237.3 | 36,000 * | 33.5 | 289.5 | 35,100 | 47.3 | 305.7 | 29,900 | 165 |
| 170 | | | | | | | 28.8 | 281.0 | 33,700 | 43.9 | 300.7 | 28,700 | 170 |
| 175 | | | | | | | 23.2 | 270.4 | 32,300 | 40.3 | 295.0 | 27,500 | 175 |
| 180 | | | | | | | 15.8 | 255.9 | 31,000 | 36.4 | 288.6 | 26,400 | 180 |
| 185 | | | | | | | | | | 32.1 | 281.1 | 25,300 | 185 |
| 190 | | | | | | | | | | 27.2 | 272.1 | 24,300 | 190 |
| 195 | | | | | | | | | | 21.2 | 260.6 | 23,400 | 195 |
| 200 | | | | | | | | | | 12.7 | 243.6 | 22,400 | 200 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

220 Ft. Boom, 130 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 80 | 69.8 | 352.0 | 102,300 * | | | | | | | | | | 80 |
| 85 | 67.4 | 349.9 | 99,300 * | | | | | | | | | | 85 |
| 90 | 65.0 | 347.7 | 93,700 * | | | | | | | | | | 90 |
| 95 | 62.5 | 345.1 | 84,700 * | | | | | | | | | | 95 |
| 100 | 60.0 | 342.3 | 77,200 * | 65.7 | 346.6 | 76,600 | | | | | | | 100 |
| 105 | 57.4 | 339.2 | 70,800 * | 63.2 | 344.1 | 72,100 | | | | | | | 105 |
| 110 | 54.7 | 335.8 | 65,200 * | 60.7 | 341.4 | 68,000 | | | | | | | 110 |
| 115 | 51.9 | 332.0 | 60,300 * | 58.2 | 338.4 | 64,200 | | | | | | | 115 |
| 120 | 49.0 | 327.8 | 56,100 * | 55.5 | 335.1 | 60,900 | | | | | | | 120 |
| 125 | 46.0 | 323.1 | 52,300 * | 52.8 | 331.4 | 57,800 | 62.7 | 339.3 | 50,500 | | | | 125 |
| 130 | 42.8 | 317.9 | 48,900 * | 49.9 | 327.3 | 55,000 | 60.2 | 336.5 | 48,000 | | | | 130 |
| 135 | 39.5 | 312.1 | 45,800 * | 46.9 | 322.8 | 52,400 | 57.6 | 333.4 | 45,700 | | | | 135 |
| 140 | 35.8 | 305.4 | 43,000 * | 43.8 | 317.7 | 49,800 * | 54.9 | 330.0 | 43,500 | | | | 140 |
| 145 | 31.8 | 297.8 | 40,500 * | 40.5 | 312.1 | 46,700 * | 52.1 | 326.2 | 41,600 | | | | 145 |
| 150 | 27.2 | 288.7 | 38,200 * | 36.9 | 305.7 | 43,800 * | 49.3 | 322.0 | 39,700 | | | | 150 |
| 155 | 21.8 | 277.5 | 36,100 * | 33.0 | 298.4 | 41,200 * | 46.3 | 317.4 | 38,000 | 56.8 | 326.4 | 32,400 | 155 |
| 160 | 14.5 | 261.7 | 34,100 * | 28.7 | 289.9 | 38,900 * | 43.1 | 312.2 | 36,400 | 54.1 | 322.9 | 31,000 | 160 |
| 165 | | | | 23.5 | 279.4 | 36,700 * | 39.7 | 306.4 | 34,900 | 51.3 | 319.0 | 29,700 | 165 |
| 170 | | | | 17.0 | 265.4 | 34,700 * | 36.1 | 299.9 | 33,500 | 48.4 | 314.7 | 28,400 | 170 |
| 175 | | | | 4.5 | 237.6 | 32,100 * | 32.1 | 292.4 | 32,200 | 45.3 | 309.9 | 27,300 | 175 |
| 180 | | | | | | | 27.6 | 283.4 | 30,900 | 42.1 | 304.6 | 26,200 | 180 |
| 185 | | | | | | | 22.3 | 272.4 | 29,700 | 38.6 | 298.6 | 25,100 | 185 |
| 190 | | | | | | | 15.2 | 257.2 | 28,600 | 34.9 | 291.7 | 24,200 | 190 |
| 195 | | | | | | | | | | 30.8 | 283.8 | 23,200 | 195 |
| 200 | | | | | | | | | | 26.1 | 274.4 | 22,300 | 200 |
| 205 | | | | | | | | | | 20.3 | 262.4 | 21,500 | 205 |
| 210 | | | | | | | | | | 12.2 | 244.6 | 20,600 | 210 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

220 Ft. Boom, 140 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|-------------------------|-------------------------------|-----------------------------------|------------------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 85 | 69.1 | 360.7 | 92,700 * | | | | | | | | | | 85 |
| 90 | 66.9 | 358.7 | 90,100 * | | | | | | | | | | 90 |
| 95 | 64.6 | 356.4 | 84,300 * | | | | | | | | | | 95 |
| 100 | 62.3 | 353.8 | 76,800 * | 67.5 | 357.5 | 76,100 | | | | | | | 100 |
| 105 | 60.0 | 351.0 | 70,300 * | 65.3 | 355.3 | 71,500 | | | | | | | 105 |
| 110 | 57.6 | 347.9 | 64,800 * | 63.0 | 352.8 | 67,400 | | | | | | | 110 |
| 115 | 55.1 | 344.5 | 59,900 * | 60.7 | 350.1 | 63,700 | | | | | | | 115 |
| 120 | 52.5 | 340.8 | 55,600 * | 58.3 | 347.1 | 60,300 | | | | | | | 120 |
| 125 | 49.9 | 336.7 | 51,800 * | 55.8 | 343.8 | 57,300 | | | | | | | 125 |
| 130 | 47.1 | 332.2 | 48,400 * | 53.3 | 340.1 | 54,400 | 62.5 | 347.9 | 47,400 | | | | 130 |
| 135 | 44.2 | 327.2 | 45,300 * | 50.7 | 336.1 | 51,800 | 60.2 | 345.1 | 45,100 | | | | 135 |
| 140 | 41.2 | 321.7 | 42,600 * | 48.0 | 331.8 | 49,400 * | 57.8 | 342.1 | 42,900 | | | | 140 |
| 145 | 37.9 | 315.5 | 40,000 * | 45.1 | 326.9 | 46,200 * | 55.3 | 338.7 | 41,000 | | | | 145 |
| 150 | 34.4 | 308.5 | 37,700 * | 42.1 | 321.6 | 43,400 * | 52.7 | 335.0 | 39,200 | | | | 150 |
| 155 | 30.6 | 300.5 | 35,600 * | 38.9 | 315.6 | 40,800 * | 50.1 | 330.9 | 37,500 | | | | 155 |
| 160 | 26.2 | 291.1 | 33,700 * | 35.5 | 308.9 | 38,400 * | 47.4 | 326.4 | 35,900 | 57.0 | 335.1 | 30,300 | 160 |
| 165 | 21.0 | 279.3 | 31,900 * | 31.8 | 301.3 | 36,300 * | 44.5 | 321.5 | 34,400 | 54.5 | 331.6 | 29,000 | 165 |
| 170 | 13.9 | 262.9 | 30,200 * | 27.6 | 292.3 | 34,300 * | 41.4 | 316.0 | 33,000 | 51.9 | 327.8 | 27,800 | 170 |
| 175 | | | | 22.7 | 281.4 | 32,400 * | 38.2 | 309.9 | 31,700 | 49.3 | 323.6 | 26,700 | 175 |
| 180 | | | | 16.4 | 266.8 | 30,700 * | 34.7 | 303.0 | 30,400 | 46.5 | 319.0 | 25,600 | 180 |
| 185 | | | | 4.3 | 237.9 | 28,600 * | 30.9 | 295.1 | 29,200 | 43.6 | 313.9 | 24,600 | 185 |
| 190 | | | | | | | 26.6 | 285.8 | 28,100 | 40.5 | 308.3 | 23,600 | 190 |
| 195 | | | | | | | 21.4 | 274.3 | 27,100 | 37.2 | 302.0 | 22,700 | 195 |
| 200 | | | | | | | 14.6 | 258.4 | 26,000 | 33.6 | 294.8 | 21,800 | 200 |
| 205 | | | | | | | | | | 29.6 | 286.5 | 21,000 | 205 |
| 210 | | | | | | | | | | 25.1 | 276.6 | 20,100 | 210 |
| 220 | | | | | | | | | | 11.7 | 245.6 | 18,600 | 220 |



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 0 Lb. 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

220 Ft. Boom, 150 Ft. Luffing Jib

| Jib Oper. Rad. Feet | 83 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. Feet |
|---------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|-----------------------------|---------------------|
| | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | Jib Ang. Deg. | Jib Point Elev. Feet | Luffing Jib Capacity Pounds | |
| 85 | 70.5 | 371.4 | 87,300 * | | | | | | | | | | 85 |
| 90 | 68.5 | 369.5 | 85,000 * | | | | | | | | | | 90 |
| 95 | 66.4 | 367.4 | 82,900 * | | | | | | | | | | 95 |
| 100 | 64.3 | 365.0 | 78,400 * | | | | | | | | | | 100 |
| 105 | 62.2 | 362.5 | 71,700 * | 67.0 | 366.3 | 71,000 | | | | | | | 105 |
| 110 | 60.0 | 359.6 | 66,000 * | 64.9 | 364.0 | 66,900 | | | | | | | 110 |
| 115 | 57.7 | 356.6 | 61,000 * | 62.8 | 361.5 | 63,200 | | | | | | | 115 |
| 120 | 55.4 | 353.2 | 56,500 * | 60.6 | 358.7 | 59,800 | | | | | | | 120 |
| 125 | 53.1 | 349.5 | 52,600 * | 58.4 | 355.7 | 56,800 | | | | | | | 125 |
| 130 | 50.6 | 345.5 | 49,100 * | 56.1 | 352.5 | 54,000 | | | | | | | 130 |
| 135 | 48.1 | 341.2 | 46,000 * | 53.8 | 348.9 | 51,400 | 62.3 | 356.6 | 44,500 | | | | 135 |
| 140 | 45.4 | 336.4 | 43,100 * | 51.3 | 345.0 | 49,000 | 60.1 | 353.8 | 42,400 | | | | 140 |
| 145 | 42.7 | 331.1 | 40,500 * | 48.8 | 340.7 | 46,800 | 57.9 | 350.7 | 40,500 | | | | 145 |
| 150 | 39.7 | 325.3 | 38,200 * | 46.2 | 336.1 | 44,000 * | 55.6 | 347.4 | 38,600 | | | | 150 |
| 155 | 36.6 | 318.8 | 36,000 * | 43.5 | 331.0 | 41,300 * | 53.2 | 343.7 | 36,900 | | | | 155 |
| 160 | 33.2 | 311.5 | 34,100 * | 40.6 | 325.3 | 38,900 * | 50.8 | 339.8 | 35,400 | | | | 160 |
| 165 | 29.5 | 303.2 | 32,200 * | 37.6 | 319.1 | 36,700 * | 48.3 | 335.4 | 33,900 | 57.2 | 343.8 | 28,500 | 165 |
| 170 | 25.3 | 293.3 | 30,500 * | 34.3 | 312.0 | 34,600 * | 45.6 | 330.7 | 32,500 | 54.9 | 340.4 | 27,300 | 170 |
| 175 | 20.2 | 281.1 | 28,900 * | 30.7 | 304.0 | 32,800 * | 42.9 | 325.5 | 31,200 | 52.5 | 336.6 | 26,100 | 175 |
| 180 | 13.4 | 264.0 | 27,400 * | 26.6 | 294.7 | 31,000 * | 40.0 | 319.7 | 30,000 | 50.0 | 332.5 | 25,100 | 180 |
| 185 | | | | 21.9 | 283.3 | 29,400 * | 36.9 | 313.3 | 28,800 | 47.5 | 328.1 | 24,000 | 185 |
| 190 | | | | 15.8 | 268.2 | 27,900 * | 33.5 | 306.1 | 27,700 | 44.8 | 323.2 | 23,100 | 190 |
| 195 | | | | 4.2 | 238.3 | 24,700 * | 29.8 | 297.8 | 26,600 | 42.0 | 317.8 | 22,200 | 195 |
| 200 | | | | | | | 25.6 | 288.1 | 25,600 | 39.0 | 311.8 | 21,300 | 200 |
| 205 | | | | | | | 20.7 | 276.1 | 24,700 | 35.9 | 305.2 | 20,500 | 205 |
| 210 | | | | | | | 14.1 | 259.6 | 23,700 | 32.4 | 297.7 | 19,700 | 210 |
| 220 | | | | | | | | | | 24.2 | 278.7 | 18,200 | 220 |
| 230 | | | | | | | | | | 11.3 | 246.6 | 16,800 | 230 |