

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

Wheeled counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Swing and travel (forward or side crawl) requires proper position of counterweight wheels when contacting ground.

Upper luffing jib point capacity for liftcrane service with single part whip line is 13 610 kg. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacities.

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 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** 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.

**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. 7760-A**.

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

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

**MACHINE EQUIPMENT:** Machine equipped with MAX-ER 225, 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 39.6m mast, 8 part boom hoist reeving, four 38 mm boom pendants or boom support straps, 10 part luffing jib hoist reeving, two 38 mm luffing jib pendants and backstays, 76 750 kg (2250) crane counterweight or 75 750 kg (M-250) crane counterweight, two 13 610 kg carbody counterweights and 24 950 kg wheeled counterweight.

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

Consult chart **No. 7749-AM** for lifting off lower boom point with luffing jib attached.



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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 16.8                           | 64.8                    | 65.2                            | 79 200 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 16.8                           |
| 18.0                           | 61.1                    | 64.5                            | 69 500 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.0                           |
| 20.0                           | 54.6                    | 63.2                            | 57 200 *b                            | 61.8                    | 64.3                            | 71 200 *b                            |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 47.6                    | 61.5                            | 48 600 *                             | 55.4                    | 63.0                            | 58 400 *b                            |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 39.7                    | 59.4                            | 42 100 *                             | 48.5                    | 61.4                            | 49 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 30.0                    | 56.4                            | 37 100 *                             | 40.7                    | 59.3                            | 42 900 *                             | 54.4                    | 61.9                            | 55 300                               |                         |                                 |                                      | 26.0                           |
| 28.0                           |                         |                                 |                                      | 31.3                    | 56.4                            | 37 600 *                             | 47.4                    | 60.3                            | 48 600 *                             |                         |                                 |                                      | 28.0                           |
| 30.0                           |                         |                                 |                                      | 17.9                    | 51.9                            | 33 400 *                             | 39.4                    | 58.1                            | 41 900 *                             | 53.0                    | 60.5                            | 44 400                               | 30.0                           |
| 32.0                           |                         |                                 |                                      |                         |                                 |                                      | 29.6                    | 55.0                            | 36 900 *                             | 45.8                    | 58.7                            | 41 000                               | 32.0                           |
| 34.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 37.6                    | 56.4                            | 38 100                               | 34.0                           |
| 36.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 27.3                    | 53.1                            | 35 500                               | 36.0                           |
| 38.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 8.8                     | 46.5                            | 32 200                               | 38.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 16.8                           | 68.2                    | 68.5                            | 78 500 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 16.8                           |
| 18.0                           | 65.0                    | 68.0                            | 69 600 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.0                           |
| 20.0                           | 59.6                    | 66.9                            | 57 500 *                             | 65.6                    | 67.7                            | 71 600 *b                            |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 54.0                    | 65.5                            | 48 800 *                             | 60.3                    | 66.7                            | 58 700 *b                            |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 47.8                    | 63.8                            | 42 300 *                             | 54.7                    | 65.3                            | 49 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 41.0                    | 61.7                            | 37 200 *                             | 48.6                    | 63.7                            | 43 000 *                             | 59.4                    | 65.6                            | 55 100                               |                         |                                 |                                      | 26.0                           |
| 28.0                           | 33.0                    | 59.0                            | 33 100 *                             | 41.9                    | 61.7                            | 37 800 *                             | 53.7                    | 64.3                            | 48 900 *                             |                         |                                 |                                      | 28.0                           |
| 30.0                           | 22.6                    | 55.0                            | 29 700 *                             | 34.0                    | 59.0                            | 33 500 *                             | 47.6                    | 62.6                            | 42 100 *                             |                         |                                 |                                      | 30.0                           |
| 32.0                           |                         |                                 |                                      | 24.1                    | 55.3                            | 30 100 *                             | 40.7                    | 60.4                            | 37 100 *                             | 52.5                    | 62.8                            | 40 800                               | 32.0                           |
| 34.0                           |                         |                                 |                                      |                         |                                 |                                      | 32.7                    | 57.7                            | 33 000 *                             | 46.3                    | 61.0                            | 37 800                               | 34.0                           |
| 36.0                           |                         |                                 |                                      |                         |                                 |                                      | 22.1                    | 53.6                            | 29 600 *                             | 39.2                    | 58.8                            | 35 300                               | 36.0                           |
| 38.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.8                    | 55.8                            | 32 300                               | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.3                    | 51.3                            | 29 000 *                             | 40.0                           |

# Liftcrane Luffing Jib Capacities

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

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 16.8                           | 70.7                    | 71.8                            | 73 000 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 16.8                           |
| 18.0                           | 67.9                    | 71.3                            | 68 900 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.0                           |
| 20.0                           | 63.3                    | 70.4                            | 57 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 58.5                    | 69.2                            | 49 000 *                             | 63.9                    | 70.1                            | 59 300 *b                            |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 53.4                    | 67.8                            | 42 400 *                             | 59.1                    | 69.0                            | 49 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 47.9                    | 66.1                            | 37 300 *                             | 54.0                    | 67.7                            | 43 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 41.9                    | 64.1                            | 33 200 *                             | 48.6                    | 66.0                            | 37 800 *                             | 58.3                    | 68.0                            | 48 900 *                             |                         |                                 |                                      | 28.0                           |
| 30.0                           | 35.1                    | 61.5                            | 29 800 *                             | 42.7                    | 64.0                            | 33 600 *                             | 53.2                    | 66.6                            | 42 300 *                             |                         |                                 |                                      | 30.0                           |
| 32.0                           | 26.8                    | 58.0                            | 26 900 *                             | 36.0                    | 61.5                            | 30 200 *                             | 47.7                    | 64.9                            | 37 200 *                             | 57.3                    | 66.5                            | 40 500                               | 32.0                           |
| 34.0                           |                         |                                 |                                      | 27.9                    | 58.2                            | 27 200 *                             | 41.7                    | 62.8                            | 33 100 *                             | 52.1                    | 65.1                            | 37 700                               | 34.0                           |
| 36.0                           |                         |                                 |                                      | 16.4                    | 53.0                            | 24 800 *                             | 34.8                    | 60.2                            | 29 700 *                             | 46.6                    | 63.3                            | 35 100                               | 36.0                           |
| 38.0                           |                         |                                 |                                      |                         |                                 |                                      | 26.4                    | 56.7                            | 26 800 *                             | 40.4                    | 61.1                            | 32 300                               | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 33.3                    | 58.4                            | 29 100 *                             | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.4                    | 54.6                            | 26 400 *                             | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 9.2                     | 47.6                            | 24 000 *                             | 44.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 18.3                           | 69.7                    | 74.5                            | 64 000 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.3                           |
| 20.0                           | 66.2                    | 73.8                            | 58 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 62.0                    | 72.8                            | 49 300 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 57.6                    | 71.6                            | 42 600 *                             | 62.5                    | 72.5                            | 50 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 53.0                    | 70.1                            | 37 400 *                             | 58.1                    | 71.4                            | 43 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 48.1                    | 68.4                            | 33 200 *                             | 53.5                    | 70.0                            | 38 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 42.7                    | 66.4                            | 29 800 *                             | 48.7                    | 68.3                            | 33 700 *                             | 57.4                    | 70.3                            | 42 500 *                             |                         |                                 |                                      | 30.0                           |
| 32.0                           | 36.7                    | 63.9                            | 26 900 *                             | 43.4                    | 66.3                            | 30 200 *                             | 52.8                    | 68.9                            | 37 300 *                             |                         |                                 |                                      | 32.0                           |
| 34.0                           | 29.7                    | 60.8                            | 24 500 *                             | 37.5                    | 63.9                            | 27 200 *                             | 47.9                    | 67.2                            | 33 100 *                             | 56.5                    | 68.9                            | 37 400                               | 34.0                           |
| 36.0                           | 20.6                    | 56.4                            | 22 400 *                             | 30.6                    | 60.9                            | 24 800 *                             | 42.5                    | 65.1                            | 29 700 *                             | 51.8                    | 67.4                            | 34 900                               | 36.0                           |
| 38.0                           |                         |                                 |                                      | 21.9                    | 56.7                            | 22 600 *                             | 36.5                    | 62.6                            | 26 800 *                             | 46.8                    | 65.6                            | 32 400                               | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      | 29.4                    | 59.5                            | 24 400 *                             | 41.3                    | 63.5                            | 29 100 *                             | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      | 20.2                    | 55.0                            | 22 400 *                             | 35.2                    | 60.9                            | 26 400 *                             | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 27.8                    | 57.5                            | 24 000 *                             | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 17.8                    | 52.6                            | 22 000 *                             | 46.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

Designed And Tested  
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**MAX-ER 225**  
**On 2250 or**  
**M-250**

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 19.8                           | 68.8                    | 77.2                            | 59 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.8                           |
| 20.0                           | 68.5                    | 77.1                            | 58 300 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 64.7                    | 76.2                            | 50 600 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 60.9                    | 75.1                            | 43 600 *                             | 65.2                    | 75.9                            | 51 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 56.8                    | 73.9                            | 38 200 *                             | 61.3                    | 74.9                            | 44 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 52.6                    | 72.4                            | 34 000 *                             | 57.3                    | 73.7                            | 38 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 48.1                    | 70.7                            | 30 400 *                             | 53.1                    | 72.3                            | 34 400 *                             | 60.7                    | 73.9                            | 43 500 *                             |                         |                                 |                                      | 30.0                           |
| 32.0                           | 43.3                    | 68.7                            | 27 500 *                             | 48.7                    | 70.6                            | 30 800 *                             | 56.7                    | 72.6                            | 38 100 *                             |                         |                                 |                                      | 32.0                           |
| 34.0                           | 38.0                    | 66.4                            | 25 000 *                             | 43.9                    | 68.6                            | 27 900 *                             | 52.5                    | 71.2                            | 33 900 *                             |                         |                                 |                                      | 34.0                           |
| 36.0                           | 31.9                    | 63.4                            | 22 900 *                             | 38.7                    | 66.3                            | 25 300 *                             | 48.0                    | 69.5                            | 30 400 *                             | 55.9                    | 71.2                            | 34 700                               | 36.0                           |
| 38.0                           | 24.5                    | 59.6                            | 21 000 *                             | 32.7                    | 63.5                            | 23 100 *                             | 43.1                    | 67.5                            | 27 400 *                             | 51.6                    | 69.7                            | 32 400                               | 38.0                           |
| 40.0                           |                         |                                 |                                      | 25.5                    | 59.8                            | 21 200 *                             | 37.8                    | 65.1                            | 25 000 *                             | 47.0                    | 67.9                            | 29 800 *                             | 40.0                           |
| 42.0                           |                         |                                 |                                      | 15.4                    | 54.2                            | 19 500 *                             | 31.7                    | 62.1                            | 22 800 *                             | 42.1                    | 65.8                            | 26 900 *                             | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      | 24.2                    | 58.2                            | 21 000 *                             | 36.6                    | 63.3                            | 24 500 *                             | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.3                    | 60.2                            | 22 400 *                             | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.4                    | 56.1                            | 20 700 *                             | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 9.4                     | 48.7                            | 19 000 *                             | 50.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 19.8                           | 70.7                    | 80.4                            | 55 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.8                           |
| 20.0                           | 70.4                    | 80.3                            | 55 000 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 67.0                    | 79.5                            | 50 900 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 63.5                    | 78.6                            | 43 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 59.9                    | 77.5                            | 38 100 *                             | 63.9                    | 78.4                            | 44 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 56.2                    | 76.2                            | 33 800 *                             | 60.4                    | 77.3                            | 38 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 52.3                    | 74.7                            | 30 300 *                             | 56.7                    | 76.0                            | 34 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 48.2                    | 73.0                            | 27 300 *                             | 52.8                    | 74.6                            | 30 700 *                             | 59.8                    | 76.2                            | 37 900 *                             |                         |                                 |                                      | 32.0                           |
| 34.0                           | 43.8                    | 71.1                            | 24 800 *                             | 48.7                    | 72.9                            | 27 700 *                             | 56.1                    | 75.0                            | 33 700 *                             |                         |                                 |                                      | 34.0                           |
| 36.0                           | 39.0                    | 68.8                            | 22 700 *                             | 44.4                    | 71.0                            | 25 100 *                             | 52.2                    | 73.5                            | 30 200 *                             |                         |                                 |                                      | 36.0                           |
| 38.0                           | 33.6                    | 66.0                            | 20 900 *                             | 39.6                    | 68.7                            | 23 000 *                             | 48.1                    | 71.8                            | 27 300 *                             | 55.3                    | 73.5                            | 32 100                               | 38.0                           |
| 40.0                           | 27.4                    | 62.5                            | 19 200 *                             | 34.3                    | 66.0                            | 21 100 *                             | 43.6                    | 69.8                            | 24 800 *                             | 51.4                    | 72.0                            | 29 600 *                             | 40.0                           |
| 42.0                           | 19.2                    | 57.7                            | 17 800 *                             | 28.2                    | 62.6                            | 19 400 *                             | 38.8                    | 67.5                            | 22 600 *                             | 47.2                    | 70.2                            | 26 700 *                             | 42.0                           |
| 44.0                           |                         |                                 |                                      | 20.4                    | 58.0                            | 18 000 *                             | 33.4                    | 64.6                            | 20 800 *                             | 42.7                    | 68.2                            | 24 300 *                             | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      | 27.1                    | 61.1                            | 19 200 *                             | 37.8                    | 65.8                            | 22 300 *                             | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      | 18.9                    | 56.3                            | 17 700 *                             | 32.2                    | 62.8                            | 20 500 *                             | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 25.6                    | 59.1                            | 18 900 *                             | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 16.7                    | 53.8                            | 17 500 *                             | 52.0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 21.3                           | 69.9                    | 83.1                            | 49 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.3                           |
| 22.0                           | 68.8                    | 82.8                            | 48 600 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 65.7                    | 82.0                            | 44 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 62.5                    | 81.0                            | 38 300 *                             | 66.1                    | 81.7                            | 44 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 59.1                    | 79.8                            | 34 000 *                             | 62.9                    | 80.8                            | 38 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 55.7                    | 78.5                            | 30 400 *                             | 59.5                    | 79.6                            | 34 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 52.1                    | 77.0                            | 27 400 *                             | 56.1                    | 78.3                            | 30 800 *                             | 62.3                    | 79.7                            | 38 200 *                             |                         |                                 |                                      | 32.0                           |
| 34.0                           | 48.3                    | 75.3                            | 24 900 *                             | 52.5                    | 76.9                            | 27 800 *                             | 59.0                    | 78.6                            | 33 800 *                             |                         |                                 |                                      | 34.0                           |
| 36.0                           | 44.2                    | 73.4                            | 22 700 *                             | 48.7                    | 75.2                            | 25 200 *                             | 55.5                    | 77.3                            | 30 300 *                             |                         |                                 |                                      | 36.0                           |
| 38.0                           | 39.9                    | 71.1                            | 20 900 *                             | 44.7                    | 73.3                            | 23 000 *                             | 51.9                    | 75.8                            | 27 300 *                             |                         |                                 |                                      | 38.0                           |
| 40.0                           | 35.0                    | 68.5                            | 19 200 *                             | 40.4                    | 71.1                            | 21 100 *                             | 48.1                    | 74.1                            | 24 800 *                             | 54.8                    | 75.8                            | 29 700 *                             | 40.0                           |
| 42.0                           | 29.5                    | 65.2                            | 17 800 *                             | 35.7                    | 68.5                            | 19 400 *                             | 44.1                    | 72.1                            | 22 700 *                             | 51.2                    | 74.3                            | 26 800 *                             | 42.0                           |
| 44.0                           | 22.8                    | 61.1                            | 16 500 *                             | 30.3                    | 65.3                            | 18 000 *                             | 39.7                    | 69.8                            | 20 800 *                             | 47.3                    | 72.5                            | 24 400 *                             | 44.0                           |
| 46.0                           |                         |                                 |                                      | 23.8                    | 61.3                            | 16 600 *                             | 34.9                    | 67.1                            | 19 200 *                             | 43.2                    | 70.5                            | 22 300 *                             | 46.0                           |
| 48.0                           |                         |                                 |                                      | 14.7                    | 55.4                            | 15 400 *                             | 29.3                    | 63.9                            | 17 700 *                             | 38.8                    | 68.2                            | 20 500 *                             | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      | 22.6                    | 59.7                            | 16 500 *                             | 33.8                    | 65.4                            | 18 900 *                             | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.1                    | 62.0                            | 17 500 *                             | 52.0                           |
| 54.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.0                    | 57.5                            | 16 200 *                             | 54.0                           |
| 56.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 9.5                     | 49.8                            | 15 100 *                             | 56.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 22.9                           | 69.2                    | 85.8                            | 44 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.9                           |
| 24.0                           | 67.5                    | 85.3                            | 43 000 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 64.6                    | 84.4                            | 38 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 61.6                    | 83.4                            | 33 800 *                             | 64.9                    | 84.2                            | 38 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 58.4                    | 82.2                            | 30 200 *                             | 61.9                    | 83.1                            | 34 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 55.2                    | 80.9                            | 27 200 *                             | 58.8                    | 82.0                            | 30 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 51.9                    | 79.3                            | 24 700 *                             | 55.6                    | 80.7                            | 27 600 *                             | 61.4                    | 82.1                            | 33 700 *                             |                         |                                 |                                      | 34.0                           |
| 36.0                           | 48.3                    | 77.6                            | 22 500 *                             | 52.3                    | 79.2                            | 25 000 *                             | 58.3                    | 80.9                            | 30 100 *                             |                         |                                 |                                      | 36.0                           |
| 38.0                           | 44.6                    | 75.7                            | 20 700 *                             | 48.8                    | 77.5                            | 22 800 *                             | 55.1                    | 79.6                            | 27 200 *                             |                         |                                 |                                      | 38.0                           |
| 40.0                           | 40.6                    | 73.5                            | 19 000 *                             | 45.0                    | 75.6                            | 20 900 *                             | 51.7                    | 78.1                            | 24 600 *                             |                         |                                 |                                      | 40.0                           |
| 42.0                           | 36.2                    | 70.9                            | 17 500 *                             | 41.1                    | 73.4                            | 19 200 *                             | 48.2                    | 76.4                            | 22 500 *                             | 54.4                    | 78.1                            | 26 700 *                             | 42.0                           |
| 44.0                           | 31.3                    | 67.9                            | 16 300 *                             | 36.8                    | 70.9                            | 17 700 *                             | 44.4                    | 74.4                            | 20 600 *                             | 51.0                    | 76.6                            | 24 200 *                             | 44.0                           |
| 46.0                           | 25.6                    | 64.1                            | 15 100 *                             | 31.9                    | 67.9                            | 16 400 *                             | 40.4                    | 72.2                            | 19 000 *                             | 47.5                    | 74.8                            | 22 100 *                             | 46.0                           |
| 48.0                           | 18.2                    | 59.0                            | 14 000 *                             | 26.3                    | 64.2                            | 15 300 *                             | 36.0                    | 69.6                            | 17 500 *                             | 43.7                    | 72.8                            | 20 300 *                             | 48.0                           |
| 50.0                           |                         |                                 |                                      | 19.2                    | 59.3                            | 14 200 *                             | 31.1                    | 66.5                            | 16 200 *                             | 39.6                    | 70.5                            | 18 700 *                             | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      | 25.3                    | 62.7                            | 15 100 *                             | 35.1                    | 67.9                            | 17 300 *                             | 52.0                           |
| 54.0                           |                         |                                 |                                      |                         |                                 |                                      | 17.8                    | 57.5                            | 14 000 *                             | 30.0                    | 64.7                            | 16 000 *                             | 54.0                           |
| 56.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                    | 60.6                            | 14 900 *                             | 56.0                           |
| 58.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 15.9                    | 55.0                            | 13 800 *                             | 58.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 22.9                           | 70.6                    | 89.0                            | 43 000 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.9                           |
| 24.0                           | 69.1                    | 88.6                            | 42 000 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 66.4                    | 87.8                            | 38 600 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 63.6                    | 86.8                            | 34 100 *                             | 66.7                    | 87.5                            | 39 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 60.8                    | 85.7                            | 30 500 *                             | 64.0                    | 86.6                            | 34 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 57.8                    | 84.5                            | 27 400 *                             | 61.1                    | 85.5                            | 30 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 54.8                    | 83.2                            | 24 900 *                             | 58.2                    | 84.3                            | 27 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 51.7                    | 81.7                            | 22 700 *                             | 55.2                    | 83.0                            | 25 200 *                             | 60.7                    | 84.5                            | 30 400 *                             |                         |                                 |                                      | 36.0                           |
| 38.0                           | 48.4                    | 79.9                            | 20 800 *                             | 52.1                    | 81.5                            | 23 000 *                             | 57.7                    | 83.3                            | 27 400 *                             |                         |                                 |                                      | 38.0                           |
| 40.0                           | 44.9                    | 78.0                            | 19 200 *                             | 48.8                    | 79.8                            | 21 000 *                             | 54.7                    | 81.9                            | 24 800 *                             |                         |                                 |                                      | 40.0                           |
| 42.0                           | 41.2                    | 75.8                            | 17 700 *                             | 45.3                    | 77.9                            | 19 300 *                             | 51.5                    | 80.4                            | 22 700 *                             |                         |                                 |                                      | 42.0                           |
| 44.0                           | 37.2                    | 73.3                            | 16 400 *                             | 41.6                    | 75.8                            | 17 800 *                             | 48.2                    | 78.7                            | 20 800 *                             | 54.1                    | 80.4                            | 24 400 *                             | 44.0                           |
| 46.0                           | 32.7                    | 70.4                            | 15 200 *                             | 37.7                    | 73.3                            | 16 500 *                             | 44.8                    | 76.7                            | 19 100 *                             | 50.9                    | 78.9                            | 22 300 *                             | 46.0                           |
| 48.0                           | 27.7                    | 66.9                            | 14 100 *                             | 33.3                    | 70.5                            | 15 300 *                             | 41.0                    | 74.5                            | 17 600 *                             | 47.6                    | 77.1                            | 20 400 *                             | 48.0                           |
| 50.0                           | 21.6                    | 62.5                            | 13 200 *                             | 28.3                    | 67.0                            | 14 300 *                             | 37.0                    | 72.0                            | 16 300 *                             | 44.0                    | 75.1                            | 18 800 *                             | 50.0                           |
| 52.0                           |                         |                                 |                                      | 22.4                    | 62.7                            | 13 300 *                             | 32.6                    | 69.1                            | 15 200 *                             | 40.3                    | 72.9                            | 17 400 *                             | 52.0                           |
| 54.0                           |                         |                                 |                                      | 14.2                    | 56.5                            | 12 200 *                             | 27.5                    | 65.6                            | 14 100 *                             | 36.2                    | 70.3                            | 16 100 *                             | 54.0                           |
| 56.0                           |                         |                                 |                                      |                         |                                 |                                      | 21.3                    | 61.1                            | 13 100 *                             | 31.6                    | 67.3                            | 15 000 *                             | 56.0                           |
| 58.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.4                    | 63.6                            | 13 900 *                             | 58.0                           |
| 60.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.8                    | 58.8                            | 13 000 *                             | 60.0                           |
| 62.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 9.6                     | 50.9                            | 12 100 *                             | 62.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 24.4                           | 70.0                    | 91.7                            | 38 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.4                           |
| 26.0                           | 68.0                    | 91.1                            | 37 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 65.4                    | 90.2                            | 34 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 62.8                    | 89.2                            | 30 500 *                             | 65.7                    | 90.0                            | 34 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 60.1                    | 88.1                            | 27 500 *                             | 63.1                    | 89.0                            | 31 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 57.3                    | 86.9                            | 24 900 *                             | 60.4                    | 87.9                            | 27 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 54.5                    | 85.5                            | 22 600 *                             | 57.7                    | 86.7                            | 25 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 51.5                    | 84.0                            | 20 700 *                             | 54.8                    | 85.3                            | 22 900 *                             | 60.0                    | 86.9                            | 27 400 *                             |                         |                                 |                                      | 38.0                           |
| 40.0                           | 48.4                    | 82.2                            | 19 000 *                             | 51.9                    | 83.8                            | 20 900 *                             | 57.2                    | 85.6                            | 24 800 *                             |                         |                                 |                                      | 40.0                           |
| 42.0                           | 45.2                    | 80.3                            | 17 500 *                             | 48.8                    | 82.1                            | 19 200 *                             | 54.4                    | 84.2                            | 22 600 *                             |                         |                                 |                                      | 42.0                           |
| 44.0                           | 41.7                    | 78.2                            | 16 200 *                             | 45.6                    | 80.2                            | 17 700 *                             | 51.4                    | 82.7                            | 20 700 *                             |                         |                                 |                                      | 44.0                           |
| 46.0                           | 38.0                    | 75.8                            | 15 000 *                             | 42.1                    | 78.1                            | 16 400 *                             | 48.3                    | 81.0                            | 19 000 *                             | 53.8                    | 82.8                            | 22 200 *                             | 46.0                           |
| 48.0                           | 34.0                    | 73.0                            | 14 000 *                             | 38.5                    | 75.7                            | 15 200 *                             | 45.0                    | 79.1                            | 17 500 *                             | 50.8                    | 81.2                            | 20 300 *                             | 48.0                           |
| 50.0                           | 29.4                    | 69.7                            | 13 000 *                             | 34.5                    | 73.0                            | 14 100 *                             | 41.6                    | 76.9                            | 16 200 *                             | 47.6                    | 79.4                            | 18 700 *                             | 50.0                           |
| 52.0                           | 24.1                    | 65.6                            | 12 100 *                             | 30.0                    | 69.7                            | 13 100 *                             | 37.9                    | 74.4                            | 15 000 *                             | 44.4                    | 77.5                            | 17 200 *                             | 52.0                           |
| 54.0                           | 17.3                    | 60.2                            | 11 200 *                             | 24.8                    | 65.8                            | 12 200 *                             | 33.8                    | 71.6                            | 13 900 *                             | 40.9                    | 75.3                            | 16 000 *                             | 54.0                           |
| 56.0                           |                         |                                 |                                      | 18.3                    | 60.6                            | 11 400 *                             | 29.3                    | 68.3                            | 13 000 *                             | 37.1                    | 72.7                            | 14 800 *                             | 56.0                           |
| 58.0                           |                         |                                 |                                      |                         |                                 |                                      | 23.9                    | 64.2                            | 12 100 *                             | 32.9                    | 69.8                            | 13 700 *                             | 58.0                           |
| 60.0                           |                         |                                 |                                      |                         |                                 |                                      | 17.0                    | 58.7                            | 11 300 *                             | 28.3                    | 66.4                            | 12 800 *                             | 60.0                           |
| 62.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.7                    | 62.1                            | 11 900 *                             | 62.0                           |
| 64.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 15.3                    | 56.1                            | 11 200 *                             | 64.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 25.9                           | 69.4                    | 94.4                            | 35 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 25.9                           |
| 26.0                           | 69.3                    | 94.4                            | 35 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 66.9                    | 93.6                            | 33 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 64.5                    | 92.6                            | 30 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 62.0                    | 91.6                            | 27 400 *                             | 64.8                    | 92.4                            | 30 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 59.5                    | 90.5                            | 24 700 *                             | 62.3                    | 91.4                            | 27 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 56.8                    | 89.2                            | 22 500 *                             | 59.8                    | 90.3                            | 25 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 54.1                    | 87.8                            | 20 600 *                             | 57.2                    | 89.0                            | 22 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 51.4                    | 86.3                            | 18 900 *                             | 54.5                    | 87.6                            | 20 800 *                             | 59.4                    | 89.2                            | 24 700 *                             |                         |                                 |                                      | 40.0                           |
| 42.0                           | 48.4                    | 84.5                            | 17 400 *                             | 51.7                    | 86.1                            | 19 100 *                             | 56.7                    | 87.9                            | 22 400 *                             |                         |                                 |                                      | 42.0                           |
| 44.0                           | 45.4                    | 82.6                            | 16 100 *                             | 48.8                    | 84.4                            | 17 600 *                             | 54.0                    | 86.5                            | 20 500 *                             |                         |                                 |                                      | 44.0                           |
| 46.0                           | 42.2                    | 80.5                            | 14 900 *                             | 45.8                    | 82.5                            | 16 200 *                             | 51.2                    | 85.0                            | 18 900 *                             | 56.2                    | 86.5                            | 22 100 *                             | 46.0                           |
| 48.0                           | 38.7                    | 78.1                            | 13 800 *                             | 42.6                    | 80.4                            | 15 000 *                             | 48.3                    | 83.3                            | 17 400 *                             | 53.5                    | 85.1                            | 20 200 *                             | 48.0                           |
| 50.0                           | 35.0                    | 75.4                            | 12 900 *                             | 39.2                    | 78.1                            | 14 000 *                             | 45.3                    | 81.4                            | 16 000 *                             | 50.7                    | 83.5                            | 18 500 *                             | 50.0                           |
| 52.0                           | 30.9                    | 72.3                            | 12 000 *                             | 35.5                    | 75.4                            | 13 000 *                             | 42.0                    | 79.2                            | 14 900 *                             | 47.7                    | 81.7                            | 17 100 *                             | 52.0                           |
| 54.0                           | 26.2                    | 68.6                            | 11 200 *                             | 31.4                    | 72.3                            | 12 100 *                             | 38.6                    | 76.8                            | 13 800 *                             | 44.6                    | 79.8                            | 15 800 *                             | 54.0                           |
| 56.0                           | 20.5                    | 63.8                            | 10 500 *                             | 26.8                    | 68.7                            | 11 300 *                             | 34.9                    | 74.1                            | 12 900 *                             | 41.4                    | 77.6                            | 14 700 *                             | 56.0                           |
| 58.0                           |                         |                                 |                                      | 21.3                    | 64.1                            | 10 500 *                             | 30.7                    | 71.0                            | 12 000 *                             | 37.9                    | 75.2                            | 13 600 *                             | 58.0                           |
| 60.0                           |                         |                                 |                                      | 13.7                    | 57.6                            | 9 700 *                              | 26.0                    | 67.2                            | 11 200 *                             | 34.1                    | 72.4                            | 12 700 *                             | 60.0                           |
| 62.0                           |                         |                                 |                                      |                         |                                 |                                      | 20.3                    | 62.4                            | 10 500 *                             | 29.8                    | 69.1                            | 11 800 *                             | 62.0                           |
| 64.0                           |                         |                                 |                                      |                         |                                 |                                      | 12.1                    | 55.3                            | 9 800 *                              | 25.0                    | 65.2                            | 11 000 *                             | 64.0                           |
| 66.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.9                    | 60.1                            | 10 300 *                             | 66.0                           |
| 68.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 9.7                     | 52.0                            | 9 600 *                              | 68.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 25.9                           | 70.6                    | 97.7                            | 33 000 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 25.9                           |
| 26.0                           | 70.5                    | 97.6                            | 32 900 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 68.3                    | 96.9                            | 31 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 66.0                    | 96.0                            | 29 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 63.7                    | 95.0                            | 27 100 *                             | 66.3                    | 95.8                            | 29 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 61.3                    | 94.0                            | 24 500 *                             | 64.0                    | 94.8                            | 27 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 58.9                    | 92.8                            | 22 300 *                             | 61.6                    | 93.8                            | 24 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 56.4                    | 91.5                            | 20 300 *                             | 59.2                    | 92.6                            | 22 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 53.9                    | 90.1                            | 18 700 *                             | 56.7                    | 91.3                            | 20 600 *                             | 61.2                    | 92.7                            | 24 500 *                             |                         |                                 |                                      | 40.0                           |
| 42.0                           | 51.2                    | 88.6                            | 17 200 *                             | 54.2                    | 89.9                            | 18 800 *                             | 58.8                    | 91.6                            | 22 200 *                             |                         |                                 |                                      | 42.0                           |
| 44.0                           | 48.5                    | 86.8                            | 15 800 *                             | 51.5                    | 88.4                            | 17 300 *                             | 56.3                    | 90.3                            | 20 300 *                             |                         |                                 |                                      | 44.0                           |
| 46.0                           | 45.6                    | 85.0                            | 14 700 *                             | 48.8                    | 86.7                            | 16 000 *                             | 53.8                    | 88.8                            | 18 600 *                             |                         |                                 |                                      | 46.0                           |
| 48.0                           | 42.6                    | 82.9                            | 13 600 *                             | 46.0                    | 84.8                            | 14 800 *                             | 51.1                    | 87.3                            | 17 100 *                             | 55.8                    | 88.8                            | 20 000 *                             | 48.0                           |
| 50.0                           | 39.4                    | 80.5                            | 12 600 *                             | 42.9                    | 82.8                            | 13 700 *                             | 48.4                    | 85.6                            | 15 800 *                             | 53.2                    | 87.4                            | 18 300 *                             | 50.0                           |
| 52.0                           | 35.9                    | 77.9                            | 11 800 *                             | 39.8                    | 80.5                            | 12 700 *                             | 45.5                    | 83.7                            | 14 600 *                             | 50.6                    | 85.8                            | 16 900 *                             | 52.0                           |
| 54.0                           | 32.1                    | 74.9                            | 10 900 *                             | 36.3                    | 77.9                            | 11 900 *                             | 42.5                    | 81.6                            | 13 600 *                             | 47.8                    | 84.0                            | 15 600 *                             | 54.0                           |
| 56.0                           | 27.9                    | 71.4                            | 10 200 *                             | 32.6                    | 74.9                            | 11 000 *                             | 39.2                    | 79.2                            | 12 600 *                             | 44.9                    | 82.1                            | 14 400 *                             | 56.0                           |
| 58.0                           | 23.0                    | 67.1                            | 9 500 *                              | 28.4                    | 71.5                            | 10 300 *                             | 35.8                    | 76.6                            | 11 800 *                             | 41.8                    | 79.9                            | 13 400 *                             | 58.0                           |
| 60.0                           | 16.7                    | 61.4                            | 8 800 *                              | 23.6                    | 67.3                            | 9 600 *                              | 32.0                    | 73.6                            | 10 900 *                             | 38.6                    | 77.5                            | 12 400 *                             | 60.0                           |
| 62.0                           |                         |                                 |                                      | 17.6                    | 61.9                            | 9 000 *                              | 27.7                    | 70.0                            | 10 200 *                             | 35.0                    | 74.8                            | 11 600 *                             | 62.0                           |
| 64.0                           |                         |                                 |                                      | 7.7                     | 52.6                            | 7 900 *                              | 22.8                    | 65.7                            | 9 500 *                              | 31.2                    | 71.7                            | 10 800 *                             | 64.0                           |
| 66.0                           |                         |                                 |                                      |                         |                                 |                                      | 16.4                    | 59.9                            | 8 900 *                              | 26.8                    | 68.0                            | 10 100 *                             | 66.0                           |
| 68.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.6                    | 63.5                            | 9 400 *                              | 68.0                           |
| 70.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 14.8                    | 57.3                            | 8 800 *                              | 70.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 27.4                           | 70.1                    | 100.3                           | 29 600 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 27.4                           |
| 28.0                           | 69.5                    | 100.1                           | 29 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 67.3                    | 99.3                            | 27 600 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 65.2                    | 98.4                            | 26 000 *                             | 67.6                    | 99.1                            | 27 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 63.0                    | 97.4                            | 24 300 *                             | 65.4                    | 98.2                            | 26 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 60.7                    | 96.4                            | 22 000 *                             | 63.2                    | 97.2                            | 24 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 58.4                    | 95.2                            | 20 100 *                             | 61.0                    | 96.1                            | 22 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 56.1                    | 93.9                            | 18 400 *                             | 58.7                    | 95.0                            | 20 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 53.6                    | 92.4                            | 16 900 *                             | 56.3                    | 93.7                            | 18 600 *                             | 60.6                    | 95.1                            | 22 000 *                             |                         |                                 |                                      | 42.0                           |
| 44.0                           | 51.1                    | 90.9                            | 15 600 *                             | 53.9                    | 92.2                            | 17 100 *                             | 58.3                    | 93.9                            | 20 100 *                             |                         |                                 |                                      | 44.0                           |
| 46.0                           | 48.5                    | 89.1                            | 14 400 *                             | 51.4                    | 90.7                            | 15 800 *                             | 56.0                    | 92.6                            | 18 400 *                             |                         |                                 |                                      | 46.0                           |
| 48.0                           | 45.8                    | 87.3                            | 13 300 *                             | 48.8                    | 89.0                            | 14 600 *                             | 53.5                    | 91.2                            | 16 900 *                             |                         |                                 |                                      | 48.0                           |
| 50.0                           | 42.9                    | 85.2                            | 12 400 *                             | 46.1                    | 87.1                            | 13 500 *                             | 51.0                    | 89.6                            | 15 600 *                             | 55.5                    | 91.1                            | 18 100 *                             | 50.0                           |
| 52.0                           | 39.9                    | 82.9                            | 11 500 *                             | 43.3                    | 85.1                            | 12 500 *                             | 48.4                    | 87.9                            | 14 400 *                             | 53.0                    | 89.7                            | 16 600 *                             | 52.0                           |
| 54.0                           | 36.7                    | 80.3                            | 10 700 *                             | 40.3                    | 82.8                            | 11 600 *                             | 45.7                    | 86.0                            | 13 400 *                             | 50.5                    | 88.1                            | 15 300 *                             | 54.0                           |
| 56.0                           | 33.2                    | 77.4                            | 10 000 *                             | 37.1                    | 80.3                            | 10 800 *                             | 42.8                    | 83.9                            | 12 400 *                             | 47.9                    | 86.3                            | 14 200 *                             | 56.0                           |
| 58.0                           | 29.4                    | 74.1                            | 9 300 *                              | 33.7                    | 77.4                            | 10 100 *                             | 39.8                    | 81.6                            | 11 500 *                             | 45.1                    | 84.4                            | 13 200 *                             | 58.0                           |
| 60.0                           | 25.0                    | 70.1                            | 8 700 *                              | 29.8                    | 74.2                            | 9 400 *                              | 36.6                    | 79.0                            | 10 700 *                             | 42.2                    | 82.3                            | 12 200 *                             | 60.0                           |
| 62.0                           | 19.7                    | 65.1                            | 8 100 *                              | 25.5                    | 70.3                            | 8 800 *                              | 33.1                    | 76.1                            | 10 000 *                             | 39.2                    | 79.9                            | 11 400 *                             | 62.0                           |
| 64.0                           | 12.3                    | 58.0                            | 7 300 *                              | 20.4                    | 65.5                            | 8 200 *                              | 29.2                    | 72.7                            | 9 300 *                              | 35.9                    | 77.3                            | 10 600 *                             | 64.0                           |
| 66.0                           |                         |                                 |                                      | 13.4                    | 58.7                            | 7 500 *                              | 24.8                    | 68.7                            | 8 700 *                              | 32.3                    | 74.3                            | 9 900 *                              | 66.0                           |
| 68.0                           |                         |                                 |                                      |                         |                                 |                                      | 19.4                    | 63.7                            | 8 100 *                              | 28.4                    | 70.8                            | 9 200 *                              | 68.0                           |
| 70.0                           |                         |                                 |                                      |                         |                                 |                                      | 11.9                    | 56.4                            | 7 600 *                              | 23.8                    | 66.7                            | 8 600 *                              | 70.0                           |
| 72.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.2                    | 61.3                            | 8 000 *                              | 72.0                           |
| 74.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 9.7                     | 53.1                            | 7 500 *                              | 74.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 29.0                           | 69.6                    | 103.0                           | 25 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 29.0                           |
| 30.0                           | 68.5                    | 102.6                           | 24 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 66.5                    | 101.8                           | 23 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 64.4                    | 100.9                           | 21 800 *                             | 66.7                    | 101.5                           | 23 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 62.3                    | 99.8                            | 20 400 *                             | 64.7                    | 100.6                           | 22 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 60.2                    | 98.7                            | 19 100 *                             | 62.6                    | 99.6                            | 20 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 58.0                    | 97.5                            | 17 800 *                             | 60.4                    | 98.5                            | 19 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 55.7                    | 96.2                            | 16 600 *                             | 58.2                    | 97.3                            | 18 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 42.0                           |
| 44.0                           | 53.4                    | 94.7                            | 15 400 *                             | 56.0                    | 96.0                            | 16 800 *                             | 60.1                    | 97.5                            | 19 000 *                             |                         |                                 |                                      | 44.0                           |
| 46.0                           | 51.0                    | 93.2                            | 14 400 *                             | 53.7                    | 94.6                            | 15 700 *                             | 57.9                    | 96.2                            | 17 800 *                             |                         |                                 |                                      | 46.0                           |
| 48.0                           | 48.5                    | 91.4                            | 13 300 *                             | 51.3                    | 93.0                            | 14 500 *                             | 55.6                    | 94.9                            | 16 600 *                             |                         |                                 |                                      | 48.0                           |
| 50.0                           | 45.9                    | 89.6                            | 12 300 *                             | 48.8                    | 91.3                            | 13 400 *                             | 53.3                    | 93.5                            | 15 500 *                             |                         |                                 |                                      | 50.0                           |
| 52.0                           | 43.3                    | 87.5                            | 11 400 *                             | 46.3                    | 89.5                            | 12 400 *                             | 50.9                    | 91.9                            | 14 300 *                             | 55.2                    | 93.5                            | 16 300 *                             | 52.0                           |
| 54.0                           | 40.4                    | 85.3                            | 10 600 *                             | 43.6                    | 87.4                            | 11 500 *                             | 48.4                    | 90.2                            | 13 200 *                             | 52.8                    | 92.0                            | 15 200 *                             | 54.0                           |
| 56.0                           | 37.4                    | 82.7                            | 9 800 *                              | 40.8                    | 85.2                            | 10 700 *                             | 45.9                    | 88.3                            | 12 300 *                             | 50.4                    | 90.4                            | 14 100 *                             | 56.0                           |
| 58.0                           | 34.2                    | 79.9                            | 9 100 *                              | 37.8                    | 82.7                            | 9 900 *                              | 43.2                    | 86.2                            | 11 400 *                             | 47.9                    | 88.6                            | 13 100 *                             | 58.0                           |
| 60.0                           | 30.6                    | 76.7                            | 8 500 *                              | 34.6                    | 79.9                            | 9 200 *                              | 40.3                    | 84.0                            | 10 600 *                             | 45.3                    | 86.7                            | 12 100 *                             | 60.0                           |
| 62.0                           | 26.6                    | 73.0                            | 7 900 *                              | 31.1                    | 76.8                            | 8 600 *                              | 37.3                    | 81.4                            | 9 800 *                              | 42.6                    | 84.6                            | 11 200 *                             | 62.0                           |
| 64.0                           | 22.0                    | 68.5                            | 7 300 *                              | 27.1                    | 73.1                            | 8 000 *                              | 34.0                    | 78.6                            | 9 200 *                              | 39.7                    | 82.3                            | 10 400 *                             | 64.0                           |
| 66.0                           | 16.1                    | 62.6                            | 6 700 *                              | 22.6                    | 68.8                            | 7 400 *                              | 30.5                    | 75.4                            | 8 500 *                              | 36.6                    | 79.7                            | 9 700 *                              | 66.0                           |
| 68.0                           |                         |                                 |                                      | 17.0                    | 63.1                            | 6 900 *                              | 26.5                    | 71.7                            | 7 900 *                              | 33.3                    | 76.8                            | 9 000 *                              | 68.0                           |
| 70.0                           |                         |                                 |                                      | 8.0                     | 53.7                            | 6 000 *                              | 21.8                    | 67.1                            | 7 400 *                              | 29.7                    | 73.5                            | 8 400 *                              | 70.0                           |
| 72.0                           |                         |                                 |                                      |                         |                                 |                                      | 15.9                    | 61.1                            | 6 800 *                              | 25.6                    | 69.6                            | 7 800 *                              | 72.0                           |
| 74.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.8                    | 64.9                            | 7 300 *                              | 74.0                           |
| 76.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 14.4                    | 58.4                            | 6 800 *                              | 76.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 24 950 kg Wheeled Counterweight  
 360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 16.8                           | 67.0                    | 71.6                            | 81 600 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 16.8                           |
| 18.0                           | 63.3                    | 71.0                            | 74 300 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.0                           |
| 20.0                           | 57.1                    | 69.8                            | 61 200 *b                            | 65.0                    | 70.9                            | 78 600 b                             |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 50.3                    | 68.3                            | 51 500 *                             | 58.9                    | 69.7                            | 64 600 *b                            |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 42.8                    | 66.3                            | 44 300 *                             | 52.3                    | 68.3                            | 53 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 33.9                    | 63.7                            | 38 800 *                             | 45.0                    | 66.5                            | 46 200 *                             | 59.5                    | 68.9                            | 54 200 b                             |                         |                                 |                                      | 26.0                           |
| 28.0                           | 22.0                    | 59.7                            | 34 400 *                             | 36.6                    | 64.1                            | 40 200 *                             | 53.0                    | 67.5                            | 49 500 b                             |                         |                                 |                                      | 28.0                           |
| 30.0                           |                         |                                 |                                      | 25.9                    | 60.6                            | 35 500 *                             | 45.8                    | 65.7                            | 45 500                               |                         |                                 |                                      | 30.0                           |
| 32.0                           |                         |                                 |                                      |                         |                                 |                                      | 37.5                    | 63.4                            | 40 800                               | 53.3                    | 66.3                            | 39 700                               | 32.0                           |
| 34.0                           |                         |                                 |                                      |                         |                                 |                                      | 27.2                    | 60.1                            | 36 000 *                             | 46.2                    | 64.5                            | 36 900                               | 34.0                           |
| 36.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 38.0                    | 62.2                            | 34 400                               | 36.0                           |
| 38.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 27.8                    | 59.0                            | 32 200                               | 38.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 16.8                           | 70.1                    | 74.9                            | 79 700 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 16.8                           |
| 18.0                           | 66.9                    | 74.4                            | 74 300 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.0                           |
| 20.0                           | 61.7                    | 73.4                            | 61 500 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 56.1                    | 72.1                            | 51 800 *                             | 63.1                    | 73.3                            | 65 200 *b                            |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 50.2                    | 70.6                            | 44 500 *                             | 57.7                    | 72.1                            | 54 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 43.6                    | 68.6                            | 39 000 *                             | 51.9                    | 70.6                            | 46 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 36.1                    | 66.1                            | 34 500 *                             | 45.5                    | 68.8                            | 40 400 *                             | 58.3                    | 71.2                            | 49 200                               |                         |                                 |                                      | 28.0                           |
| 30.0                           | 26.9                    | 62.8                            | 30 900 *                             | 38.3                    | 66.5                            | 35 700 *                             | 52.5                    | 69.8                            | 45 200                               |                         |                                 |                                      | 30.0                           |
| 32.0                           | 12.1                    | 56.8                            | 27 900 *                             | 29.7                    | 63.4                            | 31 800 *                             | 46.2                    | 68.0                            | 41 000                               |                         |                                 |                                      | 32.0                           |
| 34.0                           |                         |                                 |                                      |                         |                                 |                                      | 39.1                    | 65.8                            | 36 100 *                             | 52.8                    | 68.6                            | 36 700                               | 34.0                           |
| 36.0                           |                         |                                 |                                      |                         |                                 |                                      | 30.7                    | 62.8                            | 32 200 *                             | 46.5                    | 66.8                            | 34 200                               | 36.0                           |
| 38.0                           |                         |                                 |                                      |                         |                                 |                                      | 19.2                    | 58.3                            | 29 000 *                             | 39.5                    | 64.6                            | 32 000                               | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 31.2                    | 61.7                            | 30 000                               | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.9                    | 57.3                            | 28 200                               | 42.0                           |

# Liftcrane Luffing Jib Capacities

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

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 18.3                           | 69.0                    | 77.5                            | 70 200 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.3                           |
| 20.0                           | 65.1                    | 76.8                            | 62 000 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 60.3                    | 75.7                            | 52 000 *                             | 66.3                    | 76.7                            | 65 300 *b                            |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 55.3                    | 74.4                            | 44 700 *                             | 61.7                    | 75.6                            | 54 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 50.0                    | 72.9                            | 39 100 *                             | 56.8                    | 74.4                            | 46 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 44.2                    | 70.9                            | 34 600 *                             | 51.5                    | 72.9                            | 40 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 37.8                    | 68.6                            | 31 000 *                             | 45.9                    | 71.1                            | 35 800 *                             | 57.3                    | 73.6                            | 45 100                               |                         |                                 |                                      | 30.0                           |
| 32.0                           | 30.1                    | 65.5                            | 27 900 *                             | 39.7                    | 68.9                            | 31 900 *                             | 52.1                    | 72.1                            | 41 100                               |                         |                                 |                                      | 32.0                           |
| 34.0                           | 19.9                    | 61.1                            | 25 400 *                             | 32.4                    | 66.1                            | 28 700 *                             | 46.5                    | 70.3                            | 36 200 *                             |                         |                                 |                                      | 34.0                           |
| 36.0                           |                         |                                 |                                      | 23.2                    | 62.1                            | 26 000 *                             | 40.3                    | 68.2                            | 32 300 *                             | 52.4                    | 70.9                            | 34 000                               | 36.0                           |
| 38.0                           |                         |                                 |                                      |                         |                                 |                                      | 33.2                    | 65.4                            | 29 000 *                             | 46.8                    | 69.1                            | 31 800                               | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      | 24.3                    | 61.6                            | 26 300 *                             | 40.7                    | 67.0                            | 29 800                               | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 33.6                    | 64.2                            | 28 100                               | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.8                    | 60.5                            | 26 400                               | 44.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 19.8                           | 68.1                    | 80.2                            | 61 700 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.8                           |
| 20.0                           | 67.7                    | 80.1                            | 60 900 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 63.6                    | 79.2                            | 52 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 59.2                    | 78.1                            | 44 900 *                             | 64.7                    | 79.1                            | 55 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 54.7                    | 76.7                            | 39 200 *                             | 60.5                    | 78.0                            | 46 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 49.9                    | 75.2                            | 34 700 *                             | 56.0                    | 76.7                            | 40 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 44.7                    | 73.3                            | 31 000 *                             | 51.3                    | 75.2                            | 35 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 39.0                    | 71.0                            | 27 900 *                             | 46.2                    | 73.4                            | 32 000 *                             | 56.5                    | 75.9                            | 41 300                               |                         |                                 |                                      | 32.0                           |
| 34.0                           | 32.5                    | 68.1                            | 25 400 *                             | 40.7                    | 71.3                            | 28 800 *                             | 51.8                    | 74.4                            | 36 300 *                             |                         |                                 |                                      | 34.0                           |
| 36.0                           | 24.4                    | 64.3                            | 23 200 *                             | 34.4                    | 68.6                            | 26 000 *                             | 46.8                    | 72.7                            | 32 300 *                             |                         |                                 |                                      | 36.0                           |
| 38.0                           | 11.7                    | 57.9                            | 21 200 *                             | 26.9                    | 65.1                            | 23 700 *                             | 41.3                    | 70.5                            | 29 100 *                             | 52.0                    | 73.2                            | 31 500                               | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      | 35.1                    | 67.9                            | 26 300 *                             | 47.0                    | 71.4                            | 29 600                               | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      | 27.7                    | 64.5                            | 24 000 *                             | 41.6                    | 69.3                            | 27 800                               | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      | 17.7                    | 59.6                            | 22 000 *                             | 35.4                    | 66.7                            | 26 200                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.2                    | 63.4                            | 24 100 *                             | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.3                    | 58.6                            | 22 100 *                             | 48.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 19.8                           | 70.2                    | 83.5                            | 59 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.8                           |
| 20.0                           | 69.8                    | 83.4                            | 59 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 66.1                    | 82.6                            | 54 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 62.3                    | 81.6                            | 45 900 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 58.4                    | 80.4                            | 40 100 *                             | 63.4                    | 81.5                            | 47 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 54.2                    | 79.1                            | 35 400 *                             | 59.5                    | 80.4                            | 41 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 49.8                    | 77.5                            | 31 700 *                             | 55.4                    | 79.1                            | 36 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 45.1                    | 75.6                            | 28 500 *                             | 51.1                    | 77.5                            | 32 700 *                             | 59.9                    | 79.5                            | 41 100                               |                         |                                 |                                      | 32.0                           |
| 34.0                           | 40.0                    | 73.3                            | 25 900 *                             | 46.5                    | 75.7                            | 29 400 *                             | 55.8                    | 78.2                            | 37 200 *                             |                         |                                 |                                      | 34.0                           |
| 36.0                           | 34.3                    | 70.6                            | 23 600 *                             | 41.5                    | 73.6                            | 26 600 *                             | 51.5                    | 76.7                            | 33 000 *                             |                         |                                 |                                      | 36.0                           |
| 38.0                           | 27.5                    | 67.2                            | 21 700 *                             | 36.0                    | 71.1                            | 24 200 *                             | 47.0                    | 75.0                            | 29 700 *                             |                         |                                 |                                      | 38.0                           |
| 40.0                           | 18.5                    | 62.3                            | 19 900 *                             | 29.5                    | 67.9                            | 22 200 *                             | 42.0                    | 72.9                            | 26 900 *                             | 51.8                    | 75.5                            | 29 300                               | 40.0                           |
| 42.0                           |                         |                                 |                                      | 21.4                    | 63.5                            | 20 500 *                             | 36.6                    | 70.4                            | 24 500 *                             | 47.2                    | 73.7                            | 27 600                               | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      | 30.2                    | 67.3                            | 22 400 *                             | 42.3                    | 71.7                            | 26 000                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      | 22.3                    | 63.1                            | 20 600 *                             | 36.9                    | 69.2                            | 24 600                               | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.6                    | 66.1                            | 22 500 *                             | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.8                    | 62.0                            | 20 700 *                             | 50.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 21.3                           | 69.4                    | 86.2                            | 52 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.3                           |
| 22.0                           | 68.2                    | 85.9                            | 51 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 64.8                    | 85.0                            | 46 600 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 61.3                    | 84.0                            | 40 300 *                             | 65.8                    | 84.9                            | 48 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 57.6                    | 82.8                            | 35 500 *                             | 62.3                    | 83.9                            | 41 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 53.8                    | 81.4                            | 31 700 *                             | 58.6                    | 82.7                            | 36 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 49.8                    | 79.8                            | 28 500 *                             | 54.9                    | 81.4                            | 32 700 *                             | 62.6                    | 83.0                            | 40 900                               |                         |                                 |                                      | 32.0                           |
| 34.0                           | 45.5                    | 77.9                            | 25 800 *                             | 50.9                    | 79.8                            | 29 400 *                             | 59.0                    | 81.9                            | 37 400 *                             |                         |                                 |                                      | 34.0                           |
| 36.0                           | 40.8                    | 75.7                            | 23 600 *                             | 46.7                    | 78.0                            | 26 600 *                             | 55.3                    | 80.5                            | 33 100 *                             |                         |                                 |                                      | 36.0                           |
| 38.0                           | 35.7                    | 73.1                            | 21 600 *                             | 42.2                    | 76.0                            | 24 200 *                             | 51.3                    | 79.0                            | 29 700 *                             |                         |                                 |                                      | 38.0                           |
| 40.0                           | 29.8                    | 69.9                            | 19 900 *                             | 37.2                    | 73.5                            | 22 100 *                             | 47.2                    | 77.3                            | 26 800 *                             | 55.5                    | 79.3                            | 29 100                               | 40.0                           |
| 42.0                           | 22.6                    | 65.8                            | 18 400 *                             | 31.6                    | 70.5                            | 20 300 *                             | 42.7                    | 75.2                            | 24 400 *                             | 51.5                    | 77.8                            | 27 300                               | 42.0                           |
| 44.0                           | 11.5                    | 59.0                            | 16 700 *                             | 24.8                    | 66.7                            | 18 800 *                             | 37.7                    | 72.8                            | 22 300 *                             | 47.4                    | 76.0                            | 25 800                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      | 32.2                    | 69.9                            | 20 500 *                             | 42.9                    | 74.0                            | 24 300                               | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      | 25.6                    | 66.1                            | 18 900 *                             | 38.0                    | 71.6                            | 22 500 *                             | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      | 16.6                    | 60.8                            | 17 500 *                             | 32.5                    | 68.7                            | 20 600 *                             | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                    | 65.0                            | 19 000 *                             | 52.0                           |
| 54.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 17.2                    | 59.8                            | 17 600 *                             | 54.0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 22.9                           | 68.7                    | 88.8                            | 47 800 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.9                           |
| 24.0                           | 66.9                    | 88.4                            | 45 600 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 63.7                    | 87.4                            | 40 200 *                             | 67.8                    | 88.2                            | 47 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 60.4                    | 86.3                            | 35 500 *                             | 64.6                    | 87.3                            | 41 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 57.0                    | 85.1                            | 31 600 *                             | 61.3                    | 86.3                            | 36 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 53.4                    | 83.7                            | 28 500 *                             | 57.9                    | 85.1                            | 32 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 49.7                    | 82.1                            | 25 800 *                             | 54.4                    | 83.7                            | 29 300 *                             | 61.6                    | 85.4                            | 37 300 *                             |                         |                                 |                                      | 34.0                           |
| 36.0                           | 45.8                    | 80.2                            | 23 500 *                             | 50.8                    | 82.1                            | 26 500 *                             | 58.3                    | 84.2                            | 33 100 *                             |                         |                                 |                                      | 36.0                           |
| 38.0                           | 41.5                    | 78.1                            | 21 500 *                             | 46.9                    | 80.3                            | 24 100 *                             | 54.8                    | 82.9                            | 29 600 *                             |                         |                                 |                                      | 38.0                           |
| 40.0                           | 36.9                    | 75.6                            | 19 800 *                             | 42.7                    | 78.3                            | 22 100 *                             | 51.1                    | 81.3                            | 26 800 *                             |                         |                                 |                                      | 40.0                           |
| 42.0                           | 31.7                    | 72.6                            | 18 300 *                             | 38.2                    | 75.9                            | 20 300 *                             | 47.3                    | 79.6                            | 24 400 *                             | 55.0                    | 81.6                            | 27 200                               | 42.0                           |
| 44.0                           | 25.5                    | 68.8                            | 16 900 *                             | 33.2                    | 73.1                            | 18 700 *                             | 43.2                    | 77.5                            | 22 300 *                             | 51.3                    | 80.1                            | 25 700                               | 44.0                           |
| 46.0                           | 17.4                    | 63.6                            | 15 700 *                             | 27.4                    | 69.6                            | 17 300 *                             | 38.7                    | 75.2                            | 20 400 *                             | 47.5                    | 78.3                            | 24 200                               | 46.0                           |
| 48.0                           |                         |                                 |                                      | 20.0                    | 64.9                            | 16 000 *                             | 33.8                    | 72.4                            | 18 900 *                             | 43.4                    | 76.3                            | 22 400 *                             | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      | 28.0                    | 69.0                            | 17 500 *                             | 39.0                    | 74.0                            | 20 600 *                             | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      | 20.9                    | 64.5                            | 16 200 *                             | 34.0                    | 71.2                            | 19 000 *                             | 52.0                           |
| 54.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.3                    | 67.8                            | 17 500 *                             | 54.0                           |
| 56.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.3                    | 63.4                            | 16 300 *                             | 56.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 22.9                           | 70.3                    | 92.1                            | 44 800 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.9                           |
| 24.0                           | 68.6                    | 91.7                            | 43 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 65.7                    | 90.8                            | 40 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 62.7                    | 89.8                            | 35 300 *                             | 66.5                    | 90.7                            | 41 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 59.6                    | 88.7                            | 31 400 *                             | 63.5                    | 89.7                            | 36 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 56.4                    | 87.4                            | 28 300 *                             | 60.5                    | 88.6                            | 32 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 53.1                    | 86.0                            | 25 600 *                             | 57.3                    | 87.4                            | 29 100 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 49.7                    | 84.4                            | 23 300 *                             | 54.1                    | 86.0                            | 26 300 *                             | 60.8                    | 87.8                            | 32 900 *                             |                         |                                 |                                      | 36.0                           |
| 38.0                           | 46.0                    | 82.5                            | 21 300 *                             | 50.6                    | 84.4                            | 23 900 *                             | 57.7                    | 86.6                            | 29 400 *                             |                         |                                 |                                      | 38.0                           |
| 40.0                           | 42.1                    | 80.4                            | 19 600 *                             | 47.0                    | 82.6                            | 21 900 *                             | 54.4                    | 85.2                            | 26 600 *                             |                         |                                 |                                      | 40.0                           |
| 42.0                           | 37.9                    | 78.0                            | 18 100 *                             | 43.2                    | 80.6                            | 20 100 *                             | 51.0                    | 83.6                            | 24 100 *                             |                         |                                 |                                      | 42.0                           |
| 44.0                           | 33.2                    | 75.1                            | 16 700 *                             | 39.1                    | 78.3                            | 18 500 *                             | 47.4                    | 81.9                            | 22 000 *                             | 54.6                    | 83.9                            | 25 400                               | 44.0                           |
| 46.0                           | 27.8                    | 71.6                            | 15 500 *                             | 34.6                    | 75.6                            | 17 100 *                             | 43.6                    | 79.9                            | 20 300 *                             | 51.2                    | 82.4                            | 24 000                               | 46.0                           |
| 48.0                           | 21.2                    | 67.2                            | 14 400 *                             | 29.4                    | 72.3                            | 15 900 *                             | 39.5                    | 77.6                            | 18 600 *                             | 47.6                    | 80.6                            | 22 200 *                             | 48.0                           |
| 50.0                           | 11.3                    | 60.0                            | 13 200 *                             | 23.2                    | 68.2                            | 14 800 *                             | 35.0                    | 74.9                            | 17 200 *                             | 43.8                    | 78.6                            | 20 300 *                             | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      | 30.0                    | 71.7                            | 16 000 *                             | 39.8                    | 76.4                            | 18 700 *                             | 52.0                           |
| 54.0                           |                         |                                 |                                      |                         |                                 |                                      | 23.9                    | 67.7                            | 14 900 *                             | 35.3                    | 73.7                            | 17 300 *                             | 54.0                           |
| 56.0                           |                         |                                 |                                      |                         |                                 |                                      | 15.8                    | 62.0                            | 13 800 *                             | 30.3                    | 70.5                            | 16 100 *                             | 56.0                           |
| 58.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.3                    | 66.6                            | 14 900 *                             | 58.0                           |
| 60.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 16.3                    | 61.0                            | 13 900 *                             | 60.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbony Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 24.4                           | 69.6                    | 94.8                            | 41 600 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.4                           |
| 26.0                           | 67.4                    | 94.1                            | 40 300 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 64.7                    | 93.2                            | 35 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 61.8                    | 92.2                            | 31 800 *                             | 65.4                    | 93.1                            | 37 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 58.9                    | 91.0                            | 28 500 *                             | 62.6                    | 92.1                            | 32 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 56.0                    | 89.7                            | 25 800 *                             | 59.8                    | 91.0                            | 29 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 52.8                    | 88.3                            | 23 500 *                             | 56.8                    | 89.7                            | 26 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 49.6                    | 86.7                            | 21 500 *                             | 53.7                    | 88.3                            | 24 100 *                             | 60.1                    | 90.1                            | 29 700 *                             |                         |                                 |                                      | 38.0                           |
| 40.0                           | 46.2                    | 84.8                            | 19 700 *                             | 50.5                    | 86.7                            | 22 000 *                             | 57.1                    | 88.9                            | 26 800 *                             |                         |                                 |                                      | 40.0                           |
| 42.0                           | 42.6                    | 82.7                            | 18 200 *                             | 47.2                    | 84.9                            | 20 200 *                             | 54.0                    | 87.5                            | 24 300 *                             |                         |                                 |                                      | 42.0                           |
| 44.0                           | 38.7                    | 80.4                            | 16 800 *                             | 43.6                    | 82.9                            | 18 600 *                             | 50.9                    | 85.9                            | 22 200 *                             |                         |                                 |                                      | 44.0                           |
| 46.0                           | 34.4                    | 77.6                            | 15 600 *                             | 39.8                    | 80.7                            | 17 200 *                             | 47.5                    | 84.2                            | 20 400 *                             | 54.2                    | 86.2                            | 23 800                               | 46.0                           |
| 48.0                           | 29.7                    | 74.4                            | 14 500 *                             | 35.7                    | 78.0                            | 16 000 *                             | 44.0                    | 82.2                            | 18 800 *                             | 51.0                    | 84.7                            | 22 300                               | 48.0                           |
| 50.0                           | 24.0                    | 70.3                            | 13 500 *                             | 31.1                    | 74.9                            | 14 800 *                             | 40.2                    | 79.9                            | 17 300 *                             | 47.7                    | 82.9                            | 20 500 *                             | 50.0                           |
| 52.0                           | 16.6                    | 64.8                            | 12 600 *                             | 25.7                    | 71.2                            | 13 800 *                             | 36.1                    | 77.3                            | 16 100 *                             | 44.2                    | 81.0                            | 18 900 *                             | 52.0                           |
| 54.0                           |                         |                                 |                                      | 19.0                    | 66.2                            | 12 800 *                             | 31.6                    | 74.3                            | 14 900 *                             | 40.4                    | 78.7                            | 17 400 *                             | 54.0                           |
| 56.0                           |                         |                                 |                                      |                         |                                 |                                      | 26.3                    | 70.6                            | 13 900 *                             | 36.3                    | 76.2                            | 16 200 *                             | 56.0                           |
| 58.0                           |                         |                                 |                                      |                         |                                 |                                      | 19.8                    | 65.8                            | 13 000 *                             | 31.8                    | 73.1                            | 15 000 *                             | 58.0                           |
| 60.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.6                    | 69.5                            | 14 000 *                             | 60.0                           |
| 62.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.1                    | 64.8                            | 13 000 *                             | 62.0                           |
| 64.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 10.3                    | 57.1                            | 12 200 *                             | 64.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 24.4                           | 70.9                    | 98.0                            | 38 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.4                           |
| 26.0                           | 68.9                    | 97.4                            | 37 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 66.3                    | 96.6                            | 35 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 63.7                    | 95.6                            | 32 000 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 61.1                    | 94.6                            | 28 600 *                             | 64.5                    | 95.5                            | 32 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 58.4                    | 93.4                            | 25 800 *                             | 61.8                    | 94.5                            | 29 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 55.5                    | 92.1                            | 23 400 *                             | 59.1                    | 93.3                            | 26 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 52.6                    | 90.6                            | 21 400 *                             | 56.3                    | 92.0                            | 24 100 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 49.6                    | 89.0                            | 19 600 *                             | 53.4                    | 90.6                            | 21 900 *                             | 59.4                    | 92.5                            | 26 800 *                             |                         |                                 |                                      | 40.0                           |
| 42.0                           | 46.4                    | 87.1                            | 18 100 *                             | 50.4                    | 89.0                            | 20 100 *                             | 56.6                    | 91.2                            | 24 300 *                             |                         |                                 |                                      | 42.0                           |
| 44.0                           | 43.0                    | 85.1                            | 16 700 *                             | 47.3                    | 87.2                            | 18 500 *                             | 53.7                    | 89.8                            | 22 100 *                             |                         |                                 |                                      | 44.0                           |
| 46.0                           | 39.4                    | 82.7                            | 15 500 *                             | 44.0                    | 85.3                            | 17 100 *                             | 50.7                    | 88.2                            | 20 300 *                             | 56.8                    | 90.0                            | 23 500                               | 46.0                           |
| 48.0                           | 35.5                    | 80.1                            | 14 400 *                             | 40.4                    | 83.0                            | 15 800 *                             | 47.6                    | 86.5                            | 18 700 *                             | 53.9                    | 88.5                            | 22 200                               | 48.0                           |
| 50.0                           | 31.2                    | 77.0                            | 13 400 *                             | 36.6                    | 80.5                            | 14 700 *                             | 44.3                    | 84.5                            | 17 200 *                             | 50.9                    | 87.0                            | 20 400 *                             | 50.0                           |
| 52.0                           | 26.2                    | 73.3                            | 12 400 *                             | 32.4                    | 77.5                            | 13 600 *                             | 40.8                    | 82.3                            | 15 900 *                             | 47.8                    | 85.2                            | 18 800 *                             | 52.0                           |
| 54.0                           | 20.1                    | 68.5                            | 11 600 *                             | 27.7                    | 74.0                            | 12 700 *                             | 37.0                    | 79.8                            | 14 800 *                             | 44.5                    | 83.3                            | 17 300 *                             | 54.0                           |
| 56.0                           | 11.1                    | 61.1                            | 10 300 *                             | 22.0                    | 69.6                            | 11 900 *                             | 32.9                    | 76.9                            | 13 700 *                             | 41.0                    | 81.1                            | 16 000 *                             | 56.0                           |
| 58.0                           |                         |                                 |                                      |                         |                                 |                                      | 28.2                    | 73.4                            | 12 800 *                             | 37.2                    | 78.6                            | 14 800 *                             | 58.0                           |
| 60.0                           |                         |                                 |                                      |                         |                                 |                                      | 22.6                    | 69.1                            | 11 900 *                             | 33.1                    | 75.7                            | 13 800 *                             | 60.0                           |
| 62.0                           |                         |                                 |                                      |                         |                                 |                                      | 15.2                    | 63.1                            | 11 200 *                             | 28.5                    | 72.3                            | 12 900 *                             | 62.0                           |
| 64.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 23.0                    | 68.0                            | 12 000 *                             | 64.0                           |
| 66.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 15.7                    | 62.2                            | 11 200 *                             | 66.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 25.9                           | 70.3                    | 100.7                           | 35 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 25.9                           |
| 26.0                           | 70.2                    | 100.7                           | 35 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 67.8                    | 99.9                            | 33 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 65.4                    | 99.0                            | 31 600 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 62.9                    | 98.0                            | 28 400 *                             | 66.1                    | 98.9                            | 32 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 60.4                    | 97.0                            | 25 600 *                             | 63.6                    | 97.9                            | 29 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 57.8                    | 95.7                            | 23 300 *                             | 61.1                    | 96.9                            | 26 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 55.2                    | 94.4                            | 21 300 *                             | 58.6                    | 95.7                            | 23 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 52.4                    | 92.9                            | 19 500 *                             | 55.9                    | 94.4                            | 21 800 *                             | 61.4                    | 96.0                            | 26 700 *                             |                         |                                 |                                      | 40.0                           |
| 42.0                           | 49.5                    | 91.3                            | 17 900 *                             | 53.2                    | 92.9                            | 20 000 *                             | 58.8                    | 94.8                            | 24 200 *                             |                         |                                 |                                      | 42.0                           |
| 44.0                           | 46.5                    | 89.4                            | 16 500 *                             | 50.3                    | 91.3                            | 18 400 *                             | 56.2                    | 93.5                            | 22 000 *                             |                         |                                 |                                      | 44.0                           |
| 46.0                           | 43.4                    | 87.4                            | 15 300 *                             | 47.4                    | 89.6                            | 17 000 *                             | 53.5                    | 92.1                            | 20 200 *                             |                         |                                 |                                      | 46.0                           |
| 48.0                           | 40.0                    | 85.1                            | 14 200 *                             | 44.3                    | 87.6                            | 15 700 *                             | 50.6                    | 90.5                            | 18 500 *                             | 56.3                    | 92.3                            | 22 000                               | 48.0                           |
| 50.0                           | 36.4                    | 82.5                            | 13 200 *                             | 41.0                    | 85.4                            | 14 500 *                             | 47.7                    | 88.8                            | 17 100 *                             | 53.6                    | 90.9                            | 20 300 *                             | 50.0                           |
| 52.0                           | 32.5                    | 79.6                            | 12 300 *                             | 37.5                    | 82.9                            | 13 500 *                             | 44.6                    | 86.8                            | 15 800 *                             | 50.8                    | 89.3                            | 18 600 *                             | 52.0                           |
| 54.0                           | 28.0                    | 76.1                            | 11 500 *                             | 33.6                    | 80.0                            | 12 600 *                             | 41.3                    | 84.6                            | 14 600 *                             | 47.9                    | 87.5                            | 17 200 *                             | 54.0                           |
| 56.0                           | 22.8                    | 71.8                            | 10 700 *                             | 29.3                    | 76.7                            | 11 700 *                             | 37.8                    | 82.2                            | 13 600 *                             | 44.8                    | 85.6                            | 15 900 *                             | 56.0                           |
| 58.0                           | 16.0                    | 66.0                            | 10 000 *                             | 24.4                    | 72.7                            | 10 900 *                             | 34.0                    | 79.4                            | 12 700 *                             | 41.5                    | 83.4                            | 14 700 *                             | 58.0                           |
| 60.0                           |                         |                                 |                                      | 18.1                    | 67.4                            | 10 200 *                             | 29.8                    | 76.1                            | 11 800 *                             | 38.0                    | 81.0                            | 13 700 *                             | 60.0                           |
| 62.0                           |                         |                                 |                                      |                         |                                 |                                      | 24.9                    | 72.2                            | 11 000 *                             | 34.2                    | 78.2                            | 12 700 *                             | 62.0                           |
| 64.0                           |                         |                                 |                                      |                         |                                 |                                      | 18.9                    | 67.1                            | 10 300 *                             | 30.0                    | 75.0                            | 11 800 *                             | 64.0                           |
| 66.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 25.2                    | 71.1                            | 11 100 *                             | 66.0                           |
| 68.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.2                    | 66.1                            | 10 300 *                             | 68.0                           |
| 70.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 10.2                    | 58.2                            | 9 700 *                              | 70.0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 27.4                           | 69.8                    | 103.4                           | 31 900 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 27.4                           |
| 28.0                           | 69.1                    | 103.2                           | 31 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 66.9                    | 102.4                           | 29 800 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 64.6                    | 101.5                           | 28 200 *                             | 67.5                    | 102.2                           | 30 100 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 62.2                    | 100.4                           | 25 400 *                             | 65.2                    | 101.3                           | 28 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 59.8                    | 99.3                            | 23 100 *                             | 62.9                    | 100.3                           | 26 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 57.4                    | 98.1                            | 21 000 *                             | 60.5                    | 99.2                            | 23 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 54.8                    | 96.7                            | 19 300 *                             | 58.0                    | 98.0                            | 21 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 52.2                    | 95.2                            | 17 700 *                             | 55.5                    | 96.7                            | 19 700 *                             | 60.7                    | 98.4                            | 24 000 *                             |                         |                                 |                                      | 42.0                           |
| 44.0                           | 49.5                    | 93.6                            | 16 300 *                             | 53.0                    | 95.2                            | 18 100 *                             | 58.3                    | 97.2                            | 21 800 *                             |                         |                                 |                                      | 44.0                           |
| 46.0                           | 46.7                    | 91.7                            | 15 100 *                             | 50.3                    | 93.6                            | 16 700 *                             | 55.8                    | 95.9                            | 19 900 *                             |                         |                                 |                                      | 46.0                           |
| 48.0                           | 43.7                    | 89.7                            | 14 000 *                             | 47.5                    | 91.9                            | 15 400 *                             | 53.2                    | 94.4                            | 18 300 *                             |                         |                                 |                                      | 48.0                           |
| 50.0                           | 40.6                    | 87.5                            | 13 000 *                             | 44.6                    | 89.9                            | 14 300 *                             | 50.6                    | 92.8                            | 16 800 *                             | 55.9                    | 94.6                            | 20 000 *                             | 50.0                           |
| 52.0                           | 37.2                    | 85.0                            | 12 100 *                             | 41.5                    | 87.7                            | 13 200 *                             | 47.8                    | 91.1                            | 15 500 *                             | 53.4                    | 93.2                            | 18 400 *                             | 52.0                           |
| 54.0                           | 33.6                    | 82.1                            | 11 300 *                             | 38.2                    | 85.3                            | 12 300 *                             | 44.9                    | 89.1                            | 14 400 *                             | 50.7                    | 91.6                            | 16 900 *                             | 54.0                           |
| 56.0                           | 29.5                    | 78.8                            | 10 500 *                             | 34.6                    | 82.5                            | 11 500 *                             | 41.8                    | 87.0                            | 13 300 *                             | 47.9                    | 89.8                            | 15 600 *                             | 56.0                           |
| 58.0                           | 24.9                    | 74.8                            | 9 800 *                              | 30.7                    | 79.4                            | 10 700 *                             | 38.5                    | 84.6                            | 12 400 *                             | 45.0                    | 87.9                            | 14 500 *                             | 58.0                           |
| 60.0                           | 19.3                    | 69.8                            | 9 200 *                              | 26.3                    | 75.6                            | 10 000 *                             | 35.0                    | 81.9                            | 11 600 *                             | 42.0                    | 85.8                            | 13 400 *                             | 60.0                           |
| 62.0                           | 11.0                    | 62.2                            | 8 100 *                              | 21.0                    | 71.0                            | 9 300 *                              | 31.1                    | 78.7                            | 10 800 *                             | 38.7                    | 83.4                            | 12 500 *                             | 62.0                           |
| 64.0                           |                         |                                 |                                      | 13.8                    | 64.4                            | 8 700 *                              | 26.8                    | 75.1                            | 10 100 *                             | 35.2                    | 80.7                            | 11 600 *                             | 64.0                           |
| 66.0                           |                         |                                 |                                      |                         |                                 |                                      | 21.6                    | 70.5                            | 9 400 *                              | 31.3                    | 77.6                            | 10 800 *                             | 66.0                           |
| 68.0                           |                         |                                 |                                      |                         |                                 |                                      | 14.7                    | 64.3                            | 8 800 *                              | 27.0                    | 73.9                            | 10 100 *                             | 68.0                           |
| 70.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.9                    | 69.5                            | 9 400 *                              | 70.0                           |
| 72.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 15.2                    | 63.3                            | 8 800 *                              | 72.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 27.4                           | 70.9                    | 106.7                           | 29 800 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 27.4                           |
| 28.0                           | 70.3                    | 106.5                           | 29 300 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 68.1                    | 105.7                           | 27 900 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 66.0                    | 104.8                           | 26 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 63.8                    | 103.9                           | 24 900 *                             | 66.6                    | 104.7                           | 26 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 61.6                    | 102.8                           | 22 900 *                             | 64.4                    | 103.7                           | 25 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 59.3                    | 101.7                           | 20 800 *                             | 62.2                    | 102.7                           | 23 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 56.9                    | 100.4                           | 19 000 *                             | 59.9                    | 101.6                           | 21 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 54.5                    | 99.0                            | 17 500 *                             | 57.6                    | 100.4                           | 19 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 42.0                           |
| 44.0                           | 52.0                    | 97.5                            | 16 100 *                             | 55.2                    | 99.0                            | 17 900 *                             | 60.2                    | 100.7                           | 21 600 *                             |                         |                                 |                                      | 44.0                           |
| 46.0                           | 49.5                    | 95.9                            | 14 800 *                             | 52.7                    | 97.5                            | 16 500 *                             | 57.8                    | 99.5                            | 19 700 *                             |                         |                                 |                                      | 46.0                           |
| 48.0                           | 46.8                    | 94.0                            | 13 800 *                             | 50.2                    | 95.9                            | 15 200 *                             | 55.5                    | 98.2                            | 18 100 *                             |                         |                                 |                                      | 48.0                           |
| 50.0                           | 44.0                    | 92.0                            | 12 800 *                             | 47.6                    | 94.2                            | 14 000 *                             | 53.0                    | 96.7                            | 16 600 *                             |                         |                                 |                                      | 50.0                           |
| 52.0                           | 41.1                    | 89.8                            | 11 800 *                             | 44.8                    | 92.2                            | 13 000 *                             | 50.5                    | 95.1                            | 15 300 *                             | 55.6                    | 96.9                            | 18 100 *                             | 52.0                           |
| 54.0                           | 37.9                    | 87.4                            | 11 000 *                             | 41.9                    | 90.1                            | 12 100 *                             | 47.8                    | 93.4                            | 14 200 *                             | 53.1                    | 95.5                            | 16 700 *                             | 54.0                           |
| 56.0                           | 34.5                    | 84.6                            | 10 300 *                             | 38.8                    | 87.7                            | 11 200 *                             | 45.1                    | 91.5                            | 13 100 *                             | 50.6                    | 93.9                            | 15 400 *                             | 56.0                           |
| 58.0                           | 30.8                    | 81.4                            | 9 600 *                              | 35.5                    | 85.0                            | 10 500 *                             | 42.2                    | 89.3                            | 12 200 *                             | 48.0                    | 92.1                            | 14 200 *                             | 58.0                           |
| 60.0                           | 26.7                    | 77.7                            | 8 900 *                              | 31.9                    | 82.0                            | 9 800 *                              | 39.1                    | 87.0                            | 11 300 *                             | 45.2                    | 90.2                            | 13 200 *                             | 60.0                           |
| 62.0                           | 21.8                    | 73.2                            | 8 300 *                              | 27.9                    | 78.4                            | 9 100 *                              | 35.9                    | 84.3                            | 10 600 *                             | 42.4                    | 88.1                            | 12 200 *                             | 62.0                           |
| 64.0                           | 15.4                    | 67.1                            | 7 800 *                              | 23.2                    | 74.2                            | 8 500 *                              | 32.3                    | 81.3                            | 9 800 *                              | 39.3                    | 85.8                            | 11 400 *                             | 64.0                           |
| 66.0                           |                         |                                 |                                      | 17.4                    | 68.7                            | 7 900 *                              | 28.3                    | 77.8                            | 9 200 *                              | 36.0                    | 83.1                            | 10 600 *                             | 66.0                           |
| 68.0                           |                         |                                 |                                      |                         |                                 |                                      | 23.8                    | 73.7                            | 8 600 *                              | 32.5                    | 80.2                            | 9 900 *                              | 68.0                           |
| 70.0                           |                         |                                 |                                      |                         |                                 |                                      | 18.1                    | 68.3                            | 8 000 *                              | 28.5                    | 76.7                            | 9 200 *                              | 70.0                           |
| 72.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                    | 72.6                            | 8 600 *                              | 72.0                           |
| 74.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.5                    | 67.3                            | 8 000 *                              | 74.0                           |
| 76.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 10.2                    | 59.3                            | 7 500 *                              | 76.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 29.0                           | 70.3                    | 109.4                           | 25 800 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 29.0                           |
| 30.0                           | 69.3                    | 109.0                           | 25 000 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 67.3                    | 108.2                           | 23 600 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 65.2                    | 107.3                           | 22 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 63.1                    | 106.3                           | 20 800 *                             | 65.8                    | 107.1                           | 22 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 61.0                    | 105.2                           | 19 500 *                             | 63.7                    | 106.2                           | 21 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 58.8                    | 104.0                           | 18 200 *                             | 61.6                    | 105.1                           | 19 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 56.6                    | 102.7                           | 17 000 *                             | 59.4                    | 104.0                           | 18 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 42.0                           |
| 44.0                           | 54.3                    | 101.3                           | 15 900 *                             | 57.2                    | 102.7                           | 17 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 44.0                           |
| 46.0                           | 51.9                    | 99.8                            | 14 800 *                             | 54.9                    | 101.3                           | 16 300 *                             | 59.6                    | 103.1                           | 18 700 *                             |                         |                                 |                                      | 46.0                           |
| 48.0                           | 49.5                    | 98.2                            | 13 600 *                             | 52.6                    | 99.8                            | 15 100 *                             | 57.4                    | 101.9                           | 17 500 *                             |                         |                                 |                                      | 48.0                           |
| 50.0                           | 46.9                    | 96.3                            | 12 600 *                             | 50.1                    | 98.2                            | 13 900 *                             | 55.1                    | 100.5                           | 16 400 *                             |                         |                                 |                                      | 50.0                           |
| 52.0                           | 44.3                    | 94.4                            | 11 700 *                             | 47.6                    | 96.5                            | 12 900 *                             | 52.8                    | 99.0                            | 15 300 *                             | 57.5                    | 100.6                           | 17 400 *                             | 52.0                           |
| 54.0                           | 41.5                    | 92.2                            | 10 900 *                             | 45.0                    | 94.5                            | 12 000 *                             | 50.4                    | 97.4                            | 14 100 *                             | 55.3                    | 99.3                            | 16 300 *                             | 54.0                           |
| 56.0                           | 38.5                    | 89.8                            | 10 100 *                             | 42.3                    | 92.4                            | 11 100 *                             | 47.9                    | 95.7                            | 13 000 *                             | 52.9                    | 97.8                            | 15 300 *                             | 56.0                           |
| 58.0                           | 35.4                    | 87.1                            | 9 400 *                              | 39.4                    | 90.1                            | 10 300 *                             | 45.3                    | 93.8                            | 12 100 *                             | 50.5                    | 96.2                            | 14 100 *                             | 58.0                           |
| 60.0                           | 32.0                    | 84.0                            | 8 700 *                              | 36.3                    | 87.4                            | 9 600 *                              | 42.6                    | 91.7                            | 11 200 *                             | 48.0                    | 94.4                            | 13 100 *                             | 60.0                           |
| 62.0                           | 28.2                    | 80.5                            | 8 100 *                              | 33.0                    | 84.5                            | 8 900 *                              | 39.7                    | 89.3                            | 10 400 *                             | 45.4                    | 92.5                            | 12 100 *                             | 62.0                           |
| 64.0                           | 23.8                    | 76.3                            | 7 500 *                              | 29.3                    | 81.1                            | 8 300 *                              | 36.6                    | 86.8                            | 9 700 *                              | 42.7                    | 90.4                            | 11 200 *                             | 64.0                           |
| 66.0                           | 18.5                    | 71.1                            | 7 000 *                              | 25.1                    | 77.2                            | 7 800 *                              | 33.3                    | 83.9                            | 9 000 *                              | 39.8                    | 88.1                            | 10 500 *                             | 66.0                           |
| 68.0                           | 10.9                    | 63.3                            | 6 200 *                              | 20.1                    | 72.3                            | 7 200 *                              | 29.7                    | 80.5                            | 8 400 *                              | 36.8                    | 85.6                            | 9 700 *                              | 68.0                           |
| 70.0                           |                         |                                 |                                      | 13.5                    | 65.5                            | 6 600 *                              | 25.6                    | 76.7                            | 7 800 *                              | 33.5                    | 82.7                            | 9 100 *                              | 70.0                           |
| 72.0                           |                         |                                 |                                      |                         |                                 |                                      | 20.7                    | 71.9                            | 7 300 *                              | 29.9                    | 79.4                            | 8 400 *                              | 72.0                           |
| 74.0                           |                         |                                 |                                      |                         |                                 |                                      | 14.3                    | 65.4                            | 6 800 *                              | 25.8                    | 75.5                            | 7 800 *                              | 74.0                           |
| 76.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.0                    | 70.8                            | 7 300 *                              | 76.0                           |
| 78.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 14.7                    | 64.5                            | 6 800 *                              | 78.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 18.3                           | 64.7                    | 77.3                            | 78 900 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.3                           |
| 20.0                           | 59.5                    | 76.3                            | 65 600 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 52.9                    | 74.9                            | 54 700 *b                            | 62.2                    | 76.4                            | 69 000 b                             |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 45.7                    | 73.1                            | 46 800 *                             | 55.8                    | 75.1                            | 59 500 b                             |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 37.4                    | 70.8                            | 40 700 *                             | 48.9                    | 73.5                            | 50 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 27.0                    | 67.5                            | 35 900 *                             | 41.2                    | 71.4                            | 43 200 *                             | 58.2                    | 74.5                            | 47 900 b                             |                         |                                 |                                      | 28.0                           |
| 30.0                           |                         |                                 |                                      | 32.0                    | 68.6                            | 37 900 *                             | 51.5                    | 73.1                            | 44 000                               |                         |                                 |                                      | 30.0                           |
| 32.0                           |                         |                                 |                                      | 18.9                    | 64.2                            | 33 700 *                             | 44.1                    | 71.2                            | 40 700                               |                         |                                 |                                      | 32.0                           |
| 34.0                           |                         |                                 |                                      |                         |                                 |                                      | 35.6                    | 68.7                            | 37 800                               | 53.6                    | 72.1                            | 35 100 b                             | 34.0                           |
| 36.0                           |                         |                                 |                                      |                         |                                 |                                      | 24.5                    | 65.1                            | 34 900                               | 46.5                    | 70.3                            | 32 700                               | 36.0                           |
| 38.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 38.4                    | 68.0                            | 30 600                               | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.3                    | 64.9                            | 28 700                               | 40.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 18.3                           | 68.1                    | 80.6                            | 77 400 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.3                           |
| 20.0                           | 63.6                    | 79.8                            | 66 200 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 58.2                    | 78.7                            | 55 000 *b                            | 65.9                    | 79.8                            | 68 800 b                             |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 52.4                    | 77.2                            | 47 000 *                             | 60.6                    | 78.7                            | 59 700 b                             |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 46.1                    | 75.4                            | 40 900 *                             | 55.0                    | 77.4                            | 50 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 39.1                    | 73.2                            | 36 100 *                             | 49.0                    | 75.8                            | 43 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 30.6                    | 70.2                            | 32 200 *                             | 42.3                    | 73.8                            | 38 100 *                             | 57.1                    | 76.9                            | 43 800                               |                         |                                 |                                      | 30.0                           |
| 32.0                           | 19.0                    | 65.7                            | 28 900 *                             | 34.5                    | 71.2                            | 33 800 *                             | 51.2                    | 75.4                            | 40 400                               |                         |                                 |                                      | 32.0                           |
| 34.0                           |                         |                                 |                                      | 24.7                    | 67.5                            | 30 300 *                             | 44.8                    | 73.5                            | 37 500                               |                         |                                 |                                      | 34.0                           |
| 36.0                           |                         |                                 |                                      |                         |                                 |                                      | 37.5                    | 71.1                            | 34 900                               | 53.0                    | 74.4                            | 32 500                               | 36.0                           |
| 38.0                           |                         |                                 |                                      |                         |                                 |                                      | 28.7                    | 68.0                            | 31 500 *                             | 46.8                    | 72.6                            | 30 400                               | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 39.8                    | 70.4                            | 28 500                               | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 31.6                    | 67.6                            | 26 800                               | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.5                    | 63.3                            | 25 300                               | 44.0                           |

# Liftcrane Luffing Jib Capacities

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

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 18.3                           | 70.6                    | 83.9                            | 71 700 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.3                           |
| 20.0                           | 66.8                    | 83.2                            | 66 800 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 62.1                    | 82.2                            | 55 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 57.2                    | 81.0                            | 47 200 *                             | 64.2                    | 82.2                            | 59 600                               |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 52.0                    | 79.5                            | 41 000 *                             | 59.4                    | 81.1                            | 50 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 46.5                    | 77.7                            | 36 100 *                             | 54.3                    | 79.7                            | 43 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 40.3                    | 75.6                            | 32 300 *                             | 49.0                    | 78.1                            | 38 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 33.2                    | 72.8                            | 29 000 *                             | 43.1                    | 76.1                            | 33 900 *                             | 56.2                    | 79.2                            | 40 200                               |                         |                                 |                                      | 32.0                           |
| 34.0                           | 24.2                    | 69.0                            | 26 300 *                             | 36.4                    | 73.7                            | 30 300 *                             | 51.0                    | 77.7                            | 37 400                               |                         |                                 |                                      | 34.0                           |
| 36.0                           |                         |                                 |                                      | 28.4                    | 70.4                            | 27 400 *                             | 45.3                    | 75.8                            | 34 800                               |                         |                                 |                                      | 36.0                           |
| 38.0                           |                         |                                 |                                      | 17.3                    | 65.5                            | 24 900 *                             | 38.9                    | 73.5                            | 31 600                               | 52.6                    | 76.7                            | 30 200                               | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      | 31.5                    | 70.6                            | 28 400 *                             | 47.1                    | 74.9                            | 28 300                               | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      | 22.0                    | 66.5                            | 25 800 *                             | 41.0                    | 72.8                            | 26 600                               | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 34.0                    | 70.1                            | 25 100                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 25.3                    | 66.5                            | 23 700                               | 46.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 19.8                           | 69.6                    | 86.6                            | 62 900 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.8                           |
| 20.0                           | 69.2                    | 86.5                            | 62 400 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 65.1                    | 85.6                            | 56 300 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 60.9                    | 84.6                            | 47 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 56.4                    | 83.3                            | 41 200 *                             | 62.7                    | 84.6                            | 50 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 51.7                    | 81.8                            | 36 300 *                             | 58.4                    | 83.4                            | 43 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 46.7                    | 80.1                            | 32 300 *                             | 53.8                    | 82.1                            | 38 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 41.2                    | 77.9                            | 29 000 *                             | 49.0                    | 80.4                            | 33 900 *                             | 60.0                    | 82.8                            | 39 900                               |                         |                                 |                                      | 32.0                           |
| 34.0                           | 35.0                    | 75.3                            | 26 300 *                             | 43.7                    | 78.5                            | 30 400 *                             | 55.5                    | 81.5                            | 37 100                               |                         |                                 |                                      | 34.0                           |
| 36.0                           | 27.6                    | 71.9                            | 23 900 *                             | 37.9                    | 76.1                            | 27 400 *                             | 50.8                    | 80.0                            | 34 500                               |                         |                                 |                                      | 36.0                           |
| 38.0                           | 17.5                    | 66.9                            | 21 900 *                             | 31.1                    | 73.1                            | 24 900 *                             | 45.7                    | 78.1                            | 31 600                               | 52.2                    | 79.0                            | 28 000                               | 38.0                           |
| 40.0                           |                         |                                 |                                      | 22.5                    | 69.0                            | 22 700 *                             | 40.0                    | 75.9                            | 28 500 *                             | 47.3                    | 77.2                            | 26 300                               | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      | 33.7                    | 73.2                            | 25 800 *                             | 41.8                    | 75.1                            | 24 800                               | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      | 25.9                    | 69.6                            | 23 500 *                             | 35.7                    | 72.6                            | 23 500                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.5                    | 69.3                            | 22 200                               | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.8                    | 64.6                            | 21 100                               | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 50.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 21.3                           | 68.8                    | 89.2                            | 58 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.3                           |
| 22.0                           | 67.5                    | 89.0                            | 55 900 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 63.7                    | 88.0                            | 48 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 59.8                    | 86.9                            | 42 100 *                             | 65.4                    | 88.0                            | 51 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 55.8                    | 85.6                            | 37 000 *                             | 61.6                    | 87.0                            | 44 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 51.5                    | 84.1                            | 33 000 *                             | 57.6                    | 85.8                            | 39 100 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 46.9                    | 82.4                            | 29 700 *                             | 53.4                    | 84.4                            | 34 700 *                             | 63.0                    | 86.3                            | 39 700                               |                         |                                 |                                      | 32.0                           |
| 34.0                           | 42.0                    | 80.3                            | 26 800 *                             | 49.0                    | 82.7                            | 31 000 *                             | 59.0                    | 85.1                            | 36 800                               |                         |                                 |                                      | 34.0                           |
| 36.0                           | 36.5                    | 77.8                            | 24 400 *                             | 44.2                    | 80.8                            | 28 000 *                             | 54.9                    | 83.8                            | 34 300                               |                         |                                 |                                      | 36.0                           |
| 38.0                           | 30.2                    | 74.6                            | 22 400 *                             | 39.0                    | 78.5                            | 25 500 *                             | 50.6                    | 82.3                            | 32 100                               |                         |                                 |                                      | 38.0                           |
| 40.0                           | 22.2                    | 70.5                            | 20 600 *                             | 33.1                    | 75.7                            | 23 200 *                             | 46.0                    | 80.4                            | 29 100 *                             | 56.2                    | 82.8                            | 27 800                               | 40.0                           |
| 42.0                           |                         |                                 |                                      | 26.0                    | 72.0                            | 21 400 *                             | 40.9                    | 78.3                            | 26 300 *                             | 52.0                    | 81.3                            | 26 100                               | 42.0                           |
| 44.0                           |                         |                                 |                                      | 16.2                    | 66.7                            | 19 700 *                             | 35.3                    | 75.7                            | 24 000 *                             | 47.4                    | 79.5                            | 24 600                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      | 28.7                    | 72.4                            | 22 000 *                             | 42.5                    | 77.5                            | 23 300                               | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      | 20.3                    | 67.9                            | 20 300 *                             | 37.1                    | 75.0                            | 22 000                               | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.9                    | 72.0                            | 20 900                               | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 23.2                    | 68.0                            | 19 900                               | 52.0                           |

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

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

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 24.4                           | 69.1                    | 97.9                            | 43 900 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.4                           |
| 26.0                           | 66.8                    | 97.2                            | 42 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 63.8                    | 96.3                            | 36 900 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 60.8                    | 95.2                            | 32 800 *                             | 65.1                    | 96.2                            | 39 100 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 57.6                    | 94.0                            | 29 400 *                             | 62.1                    | 95.2                            | 34 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 54.4                    | 92.6                            | 26 500 *                             | 59.0                    | 94.1                            | 30 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 51.0                    | 91.0                            | 24 100 *                             | 55.8                    | 92.8                            | 27 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 47.4                    | 89.3                            | 22 000 *                             | 52.5                    | 91.3                            | 25 200 *                             | 60.1                    | 93.4                            | 31 500                               |                         |                                 |                                      | 38.0                           |
| 40.0                           | 43.6                    | 87.3                            | 20 200 *                             | 49.0                    | 89.6                            | 22 900 *                             | 57.0                    | 92.2                            | 28 900 *                             |                         |                                 |                                      | 40.0                           |
| 42.0                           | 39.5                    | 85.0                            | 18 600 *                             | 45.3                    | 87.7                            | 21 000 *                             | 53.7                    | 90.8                            | 26 000 *                             |                         |                                 |                                      | 42.0                           |
| 44.0                           | 35.0                    | 82.3                            | 17 200 *                             | 41.3                    | 85.6                            | 19 300 *                             | 50.3                    | 89.2                            | 23 700 *                             |                         |                                 |                                      | 44.0                           |
| 46.0                           | 29.9                    | 79.1                            | 16 000 *                             | 37.0                    | 83.1                            | 17 800 *                             | 46.6                    | 87.4                            | 21 700 *                             | 54.7                    | 89.7                            | 22 600                               | 46.0                           |
| 48.0                           | 23.9                    | 75.0                            | 14 800 *                             | 32.2                    | 80.1                            | 16 500 *                             | 42.8                    | 85.3                            | 19 900 *                             | 51.3                    | 88.2                            | 21 400                               | 48.0                           |
| 50.0                           | 15.7                    | 69.3                            | 13 800 *                             | 26.7                    | 76.5                            | 15 300 *                             | 38.6                    | 82.9                            | 18 300 *                             | 47.8                    | 86.4                            | 20 300                               | 50.0                           |
| 52.0                           |                         |                                 |                                      | 19.7                    | 71.7                            | 14 200 *                             | 34.0                    | 80.2                            | 17 000 *                             | 44.0                    | 84.5                            | 19 300                               | 52.0                           |
| 54.0                           |                         |                                 |                                      |                         |                                 |                                      | 28.8                    | 76.8                            | 15 700 *                             | 39.9                    | 82.2                            | 18 300                               | 54.0                           |
| 56.0                           |                         |                                 |                                      |                         |                                 |                                      | 22.5                    | 72.5                            | 14 600 *                             | 35.5                    | 79.6                            | 17 400                               | 56.0                           |
| 58.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.5                    | 76.4                            | 16 100 *                             | 58.0                           |
| 60.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.6                    | 72.5                            | 15 000 *                             | 60.0                           |
| 62.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 16.8                    | 67.0                            | 13 900 *                             | 62.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

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

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

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



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 27.4                           | 69.4                    | 106.5                           | 34 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 27.4                           |
| 28.0                           | 68.7                    | 106.3                           | 34 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 66.3                    | 105.4                           | 32 600 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 63.9                    | 104.5                           | 29 600 *                             | 67.4                    | 105.4                           | 33 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 61.4                    | 103.4                           | 26 600 *                             | 64.9                    | 104.5                           | 31 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 58.8                    | 102.3                           | 24 100 *                             | 62.5                    | 103.4                           | 27 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 56.2                    | 101.0                           | 22 000 *                             | 59.9                    | 102.3                           | 25 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 53.4                    | 99.5                            | 20 100 *                             | 57.3                    | 101.1                           | 22 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 50.6                    | 97.9                            | 18 500 *                             | 54.6                    | 99.7                            | 20 900 *                             | 60.8                    | 101.7                           | 26 100 *                             |                         |                                 |                                      | 42.0                           |
| 44.0                           | 47.7                    | 96.2                            | 17 000 *                             | 51.9                    | 98.2                            | 19 200 *                             | 58.3                    | 100.5                           | 23 700 *                             |                         |                                 |                                      | 44.0                           |
| 46.0                           | 44.6                    | 94.2                            | 15 800 *                             | 49.0                    | 96.5                            | 17 700 *                             | 55.6                    | 99.1                            | 21 600 *                             |                         |                                 |                                      | 46.0                           |
| 48.0                           | 41.3                    | 92.0                            | 14 600 *                             | 46.0                    | 94.7                            | 16 300 *                             | 52.9                    | 97.7                            | 19 800 *                             |                         |                                 |                                      | 48.0                           |
| 50.0                           | 37.8                    | 89.6                            | 13 600 *                             | 42.8                    | 92.6                            | 15 100 *                             | 50.0                    | 96.1                            | 18 200 *                             |                         |                                 |                                      | 50.0                           |
| 52.0                           | 34.0                    | 86.8                            | 12 700 *                             | 39.4                    | 90.2                            | 14 000 *                             | 47.1                    | 94.3                            | 16 800 *                             | 53.7                    | 96.7                            | 18 600                               | 52.0                           |
| 54.0                           | 29.7                    | 83.5                            | 11 800 *                             | 35.7                    | 87.6                            | 13 100 *                             | 43.9                    | 92.3                            | 15 600 *                             | 50.9                    | 95.1                            | 17 800                               | 54.0                           |
| 56.0                           | 24.9                    | 79.6                            | 11 000 *                             | 31.7                    | 84.6                            | 12 100 *                             | 40.6                    | 90.0                            | 14 400 *                             | 48.0                    | 93.3                            | 16 900                               | 56.0                           |
| 58.0                           | 18.8                    | 74.5                            | 10 300 *                             | 27.1                    | 80.9                            | 11 300 *                             | 37.1                    | 87.5                            | 13 400 *                             | 44.9                    | 91.4                            | 15 900 *                             | 58.0                           |
| 60.0                           |                         |                                 |                                      | 21.6                    | 76.4                            | 10 600 *                             | 33.2                    | 84.6                            | 12 500 *                             | 41.7                    | 89.3                            | 14 700 *                             | 60.0                           |
| 62.0                           |                         |                                 |                                      | 14.3                    | 70.1                            | 9 900 *                              | 28.8                    | 81.2                            | 11 600 *                             | 38.2                    | 86.8                            | 13 700 *                             | 62.0                           |
| 64.0                           |                         |                                 |                                      |                         |                                 |                                      | 23.8                    | 77.1                            | 10 900 *                             | 34.4                    | 84.1                            | 12 700 *                             | 64.0                           |
| 66.0                           |                         |                                 |                                      |                         |                                 |                                      | 17.3                    | 71.6                            | 10 100 *                             | 30.2                    | 80.8                            | 11 900 *                             | 66.0                           |
| 68.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 25.4                    | 77.0                            | 11 100 *                             | 68.0                           |
| 70.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.5                    | 72.0                            | 10 400 *                             | 70.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

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



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 29.0                           | 70.0                    | 112.4                           | 29 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 29.0                           |
| 30.0                           | 68.9                    | 112.0                           | 28 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 66.8                    | 111.2                           | 26 900 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 64.6                    | 110.3                           | 25 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 62.4                    | 109.3                           | 23 700 *                             | 65.6                    | 110.2                           | 26 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 60.1                    | 108.2                           | 21 500 *                             | 63.4                    | 109.3                           | 24 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 57.8                    | 106.9                           | 19 700 *                             | 61.1                    | 108.2                           | 22 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 55.4                    | 105.6                           | 18 000 *                             | 58.8                    | 107.0                           | 20 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 42.0                           |
| 44.0                           | 53.0                    | 104.1                           | 16 600 *                             | 56.5                    | 105.7                           | 18 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 44.0                           |
| 46.0                           | 50.4                    | 102.5                           | 15 300 *                             | 54.1                    | 104.3                           | 17 200 *                             | 59.7                    | 106.4                           | 21 100 *                             |                         |                                 |                                      | 46.0                           |
| 48.0                           | 47.8                    | 100.8                           | 14 100 *                             | 51.6                    | 102.8                           | 15 800 *                             | 57.3                    | 105.1                           | 19 300 *                             |                         |                                 |                                      | 48.0                           |
| 50.0                           | 45.1                    | 98.9                            | 13 100 *                             | 49.0                    | 101.1                           | 14 600 *                             | 54.9                    | 103.8                           | 17 700 *                             |                         |                                 |                                      | 50.0                           |
| 52.0                           | 42.2                    | 96.7                            | 12 200 *                             | 46.3                    | 99.3                            | 13 600 *                             | 52.5                    | 102.3                           | 16 300 *                             |                         |                                 |                                      | 52.0                           |
| 54.0                           | 39.1                    | 94.4                            | 11 300 *                             | 43.5                    | 97.2                            | 12 600 *                             | 49.9                    | 100.7                           | 15 100 *                             | 55.7                    | 102.7                           | 17 300                               | 54.0                           |
| 56.0                           | 35.8                    | 91.7                            | 10 500 *                             | 40.5                    | 95.0                            | 11 700 *                             | 47.3                    | 98.9                            | 13 900 *                             | 53.2                    | 101.3                           | 16 400                               | 56.0                           |
| 58.0                           | 32.3                    | 88.7                            | 9 800 *                              | 37.3                    | 92.5                            | 10 900 *                             | 44.5                    | 96.9                            | 12 900 *                             | 50.7                    | 99.7                            | 15 500 *                             | 58.0                           |
| 60.0                           | 28.3                    | 85.2                            | 9 200 *                              | 33.9                    | 89.6                            | 10 100 *                             | 41.6                    | 94.7                            | 12 000 *                             | 48.1                    | 97.9                            | 14 300 *                             | 60.0                           |
| 62.0                           | 23.7                    | 81.1                            | 8 500 *                              | 30.1                    | 86.4                            | 9 400 *                              | 38.5                    | 92.3                            | 11 200 *                             | 45.4                    | 96.0                            | 13 300 *                             | 62.0                           |
| 64.0                           | 18.1                    | 75.7                            | 8 000 *                              | 25.8                    | 82.5                            | 8 800 *                              | 35.1                    | 89.6                            | 10 400 *                             | 42.5                    | 93.9                            | 12 300 *                             | 64.0                           |
| 66.0                           |                         |                                 |                                      | 20.7                    | 77.8                            | 8 200 *                              | 31.5                    | 86.5                            | 9 700 *                              | 39.4                    | 91.6                            | 11 400 *                             | 66.0                           |
| 68.0                           |                         |                                 |                                      | 13.9                    | 71.2                            | 7 700 *                              | 27.4                    | 82.9                            | 9 000 *                              | 36.2                    | 89.0                            | 10 700 *                             | 68.0                           |
| 70.0                           |                         |                                 |                                      |                         |                                 |                                      | 22.7                    | 78.6                            | 8 400 *                              | 32.6                    | 86.0                            | 9 900 *                              | 70.0                           |
| 72.0                           |                         |                                 |                                      |                         |                                 |                                      | 16.7                    | 72.9                            | 7 900 *                              | 28.7                    | 82.6                            | 9 300 *                              | 72.0                           |
| 74.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.2                    | 78.5                            | 8 600 *                              | 74.0                           |
| 76.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.7                    | 73.3                            | 8 000 *                              | 76.0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 30.5                           | 69.6                    | 115.1                           | 25 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.5                           |
| 32.0                           | 68.0                    | 114.5                           | 24 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 66.0                    | 113.7                           | 22 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 63.9                    | 112.7                           | 21 300 *                             | 66.9                    | 113.6                           | 23 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 61.8                    | 111.7                           | 20 000 *                             | 64.8                    | 112.7                           | 21 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 59.6                    | 110.5                           | 18 700 *                             | 62.7                    | 111.7                           | 20 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 57.4                    | 109.3                           | 17 500 *                             | 60.6                    | 110.6                           | 19 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 42.0                           |
| 44.0                           | 55.1                    | 107.9                           | 16 300 *                             | 58.4                    | 109.4                           | 18 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 44.0                           |
| 46.0                           | 52.8                    | 106.4                           | 15 200 *                             | 56.1                    | 108.1                           | 16 800 *                             | 61.3                    | 109.9                           | 19 600 *                             |                         |                                 |                                      | 46.0                           |
| 48.0                           | 50.4                    | 104.8                           | 14 100 *                             | 53.8                    | 106.7                           | 15 700 *                             | 59.2                    | 108.7                           | 18 400 *                             |                         |                                 |                                      | 48.0                           |
| 50.0                           | 47.9                    | 103.1                           | 13 000 *                             | 51.4                    | 105.1                           | 14 600 *                             | 56.9                    | 107.5                           | 17 300 *                             |                         |                                 |                                      | 50.0                           |
| 52.0                           | 45.3                    | 101.2                           | 12 100 *                             | 49.0                    | 103.4                           | 13 500 *                             | 54.7                    | 106.1                           | 16 100 *                             |                         |                                 |                                      | 52.0                           |
| 54.0                           | 42.5                    | 99.1                            | 11 200 *                             | 46.4                    | 101.6                           | 12 500 *                             | 52.3                    | 104.6                           | 15 000 *                             |                         |                                 |                                      | 54.0                           |
| 56.0                           | 39.7                    | 96.7                            | 10 400 *                             | 43.7                    | 99.6                            | 11 500 *                             | 49.9                    | 103.0                           | 13 900 *                             | 55.4                    | 105.0                           | 16 100                               | 56.0                           |
| 58.0                           | 36.6                    | 94.2                            | 9 700 *                              | 40.9                    | 97.3                            | 10 700 *                             | 47.4                    | 101.2                           | 12 800 *                             | 53.0                    | 103.6                           | 15 300 *                             | 58.0                           |
| 60.0                           | 33.3                    | 91.3                            | 9 000 *                              | 38.0                    | 94.9                            | 10 000 *                             | 44.7                    | 99.2                            | 11 900 *                             | 50.6                    | 102.0                           | 14 200 *                             | 60.0                           |
| 62.0                           | 29.6                    | 87.9                            | 8 400 *                              | 34.8                    | 92.1                            | 9 300 *                              | 42.0                    | 97.1                            | 11 000 *                             | 48.1                    | 100.2                           | 13 100 *                             | 62.0                           |
| 64.0                           | 25.5                    | 84.0                            | 7 800 *                              | 31.3                    | 89.0                            | 8 600 *                              | 39.1                    | 94.7                            | 10 200 *                             | 45.5                    | 98.3                            | 12 200 *                             | 64.0                           |
| 66.0                           | 20.7                    | 79.3                            | 7 200 *                              | 27.4                    | 85.4                            | 8 000 *                              | 35.9                    | 92.1                            | 9 500 *                              | 42.8                    | 96.3                            | 11 300 *                             | 66.0                           |
| 68.0                           | 14.2                    | 72.8                            | 6 700 *                              | 22.9                    | 81.0                            | 7 500 *                              | 32.6                    | 89.1                            | 8 900 *                              | 40.0                    | 94.0                            | 10 500 *                             | 68.0                           |
| 70.0                           |                         |                                 |                                      | 17.3                    | 75.5                            | 6 900 *                              | 28.8                    | 85.7                            | 8 300 *                              | 36.9                    | 91.4                            | 9 700 *                              | 70.0                           |
| 72.0                           |                         |                                 |                                      |                         |                                 |                                      | 24.6                    | 81.6                            | 7 700 *                              | 33.6                    | 88.5                            | 9 100 *                              | 72.0                           |
| 74.0                           |                         |                                 |                                      |                         |                                 |                                      | 19.5                    | 76.6                            | 7 200 *                              | 30.0                    | 85.3                            | 8 400 *                              | 74.0                           |
| 76.0                           |                         |                                 |                                      |                         |                                 |                                      | 12.6                    | 69.5                            | 6 700 *                              | 26.0                    | 81.5                            | 7 900 *                              | 76.0                           |
| 78.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.2                    | 76.8                            | 7 300 *                              | 78.0                           |
| 80.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 15.0                    | 70.5                            | 6 800 *                              | 80.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 19.8                           | 62.3                    | 82.9                            | 72 300 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.8                           |
| 20.0                           | 61.8                    | 82.8                            | 71 000 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 55.4                    | 81.5                            | 58 300 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 48.5                    | 79.9                            | 49 500 *                             | 59.2                    | 81.8                            | 61 200 b                             |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 40.7                    | 77.8                            | 42 800 *                             | 52.7                    | 80.4                            | 54 500 *b                            |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 31.3                    | 74.9                            | 37 600 *                             | 45.4                    | 78.6                            | 46 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 17.8                    | 70.3                            | 33 400 *                             | 37.1                    | 76.2                            | 40 500 *                             | 56.8                    | 80.1                            | 43 000 b                             |                         |                                 |                                      | 30.0                           |
| 32.0                           |                         |                                 |                                      | 26.6                    | 72.9                            | 35 800 *                             | 50.0                    | 78.6                            | 39 700                               |                         |                                 |                                      | 32.0                           |
| 34.0                           |                         |                                 |                                      |                         |                                 |                                      | 42.5                    | 76.6                            | 36 900                               |                         |                                 |                                      | 34.0                           |
| 36.0                           |                         |                                 |                                      |                         |                                 |                                      | 33.5                    | 73.9                            | 34 400                               | 53.9                    | 77.8                            | 31 500                               | 36.0                           |
| 38.0                           |                         |                                 |                                      |                         |                                 |                                      | 21.4                    | 69.9                            | 32 100                               | 46.8                    | 76.1                            | 29 500                               | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 38.7                    | 73.9                            | 27 700                               | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.8                    | 70.8                            | 26 000                               | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 12.8                    | 65.2                            | 24 500                               | 44.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 19.8                           | 66.1                    | 86.3                            | 72 800 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.8                           |
| 20.0                           | 65.6                    | 86.2                            | 71 500 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 60.3                    | 85.2                            | 58 700 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 54.6                    | 83.8                            | 49 700 *                             | 63.5                    | 85.3                            | 60 900 b                             |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 48.5                    | 82.2                            | 43 000 *                             | 58.0                    | 84.2                            | 54 900 *b                            |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 41.8                    | 80.1                            | 37 700 *                             | 52.2                    | 82.7                            | 46 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 34.0                    | 77.5                            | 33 500 *                             | 45.9                    | 80.9                            | 40 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 24.0                    | 73.7                            | 30 100 *                             | 38.8                    | 78.7                            | 35 900 *                             | 55.9                    | 82.5                            | 39 400                               |                         |                                 |                                      | 32.0                           |
| 34.0                           |                         |                                 |                                      | 30.3                    | 75.7                            | 32 100 *                             | 49.9                    | 80.9                            | 36 600                               |                         |                                 |                                      | 34.0                           |
| 36.0                           |                         |                                 |                                      | 18.5                    | 71.0                            | 28 800 *                             | 43.3                    | 78.9                            | 34 100                               |                         |                                 |                                      | 36.0                           |
| 38.0                           |                         |                                 |                                      |                         |                                 |                                      | 35.8                    | 76.4                            | 31 900                               | 53.3                    | 80.2                            | 29 200                               | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      | 26.4                    | 73.0                            | 29 900                               | 47.1                    | 78.4                            | 27 400                               | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 40.2                    | 76.3                            | 25 800                               | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 32.0                    | 73.4                            | 24 300                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.1                    | 69.3                            | 22 900                               | 46.0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 19.8                           | 68.9                    | 89.6                            | 68 900 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.8                           |
| 20.0                           | 68.5                    | 89.6                            | 68 100 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 63.9                    | 88.6                            | 59 400 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 59.1                    | 87.5                            | 49 900 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 54.0                    | 86.2                            | 43 100 *                             | 61.9                    | 87.7                            | 54 800                               |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 48.6                    | 84.5                            | 37 800 *                             | 57.1                    | 86.5                            | 47 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 42.7                    | 82.5                            | 33 600 *                             | 51.9                    | 85.0                            | 40 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 35.9                    | 80.0                            | 30 100 *                             | 46.3                    | 83.2                            | 36 000 *                             | 60.1                    | 86.1                            | 39 200                               |                         |                                 |                                      | 32.0                           |
| 34.0                           | 27.8                    | 76.7                            | 27 200 *                             | 40.1                    | 81.0                            | 32 100 *                             | 55.1                    | 84.8                            | 36 400                               |                         |                                 |                                      | 34.0                           |
| 36.0                           | 16.3                    | 71.5                            | 24 800 *                             | 32.9                    | 78.3                            | 28 900 *                             | 49.8                    | 83.2                            | 33 900                               |                         |                                 |                                      | 36.0                           |
| 38.0                           |                         |                                 |                                      | 23.8                    | 74.4                            | 26 200 *                             | 44.0                    | 81.3                            | 31 800                               |                         |                                 |                                      | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      | 37.5                    | 78.9                            | 29 800                               | 52.8                    | 82.5                            | 27 200                               | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      | 29.8                    | 75.8                            | 27 800                               | 47.3                    | 80.7                            | 25 600                               | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      | 19.4                    | 71.2                            | 25 300 *                             | 41.2                    | 78.6                            | 24 100                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 34.3                    | 76.0                            | 22 800                               | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 25.7                    | 72.4                            | 21 600                               | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 12.3                    | 66.3                            | 20 400                               | 50.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 21.3                           | 68.0                    | 92.3                            | 60 600 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.3                           |
| 22.0                           | 66.7                    | 92.0                            | 58 200 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 62.5                    | 91.0                            | 50 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 58.1                    | 89.9                            | 43 300 *                             | 65.0                    | 91.1                            | 54 500                               |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 53.5                    | 88.5                            | 38 000 *                             | 60.7                    | 90.1                            | 47 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 48.6                    | 86.8                            | 33 700 *                             | 56.3                    | 88.8                            | 41 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 43.3                    | 84.8                            | 30 200 *                             | 51.6                    | 87.3                            | 36 100 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 37.4                    | 82.4                            | 27 200 *                             | 46.5                    | 85.5                            | 32 200 *                             | 59.1                    | 88.4                            | 36 100                               |                         |                                 |                                      | 34.0                           |
| 36.0                           | 30.6                    | 79.4                            | 24 800 *                             | 41.0                    | 83.4                            | 28 900 *                             | 54.5                    | 87.1                            | 33 700                               |                         |                                 |                                      | 36.0                           |
| 38.0                           | 21.8                    | 75.2                            | 22 600 *                             | 34.8                    | 80.8                            | 26 200 *                             | 49.7                    | 85.5                            | 31 500                               |                         |                                 |                                      | 38.0                           |
| 40.0                           |                         |                                 |                                      | 27.4                    | 77.3                            | 23 800 *                             | 44.5                    | 83.6                            | 29 500                               | 57.1                    | 86.2                            | 26 900                               | 40.0                           |
| 42.0                           |                         |                                 |                                      | 17.1                    | 72.3                            | 21 800 *                             | 38.8                    | 81.3                            | 27 700                               | 52.4                    | 84.8                            | 25 300                               | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      | 32.2                    | 78.4                            | 25 300 *                             | 47.5                    | 83.0                            | 23 800                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      | 24.0                    | 74.5                            | 23 100 *                             | 42.1                    | 81.0                            | 22 500                               | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 36.0                    | 78.4                            | 21 300                               | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.8                    | 75.2                            | 20 200                               | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.3                    | 70.6                            | 19 200                               | 52.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 21.3                           | 70.1                    | 95.6                            | 58 100 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.3                           |
| 22.0                           | 68.9                    | 95.3                            | 57 200 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 65.2                    | 94.4                            | 51 800 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 61.3                    | 93.4                            | 44 300 *                             | 67.4                    | 94.5                            | 54 400                               |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 57.3                    | 92.2                            | 38 800 *                             | 63.6                    | 93.5                            | 48 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 53.1                    | 90.8                            | 34 400 *                             | 59.7                    | 92.4                            | 41 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 48.7                    | 89.1                            | 30 800 *                             | 55.6                    | 91.1                            | 36 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 43.9                    | 87.1                            | 27 800 *                             | 51.3                    | 89.6                            | 32 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 38.6                    | 84.8                            | 25 300 *                             | 46.8                    | 87.8                            | 29 600 *                             | 58.2                    | 90.8                            | 33 400                               |                         |                                 |                                      | 36.0                           |
| 38.0                           | 32.7                    | 81.9                            | 23 100 *                             | 41.8                    | 85.7                            | 26 700 *                             | 54.0                    | 89.4                            | 31 300                               |                         |                                 |                                      | 38.0                           |
| 40.0                           | 25.5                    | 78.2                            | 21 200 *                             | 36.3                    | 83.2                            | 24 400 *                             | 49.7                    | 87.8                            | 29 300                               |                         |                                 |                                      | 40.0                           |
| 42.0                           | 15.3                    | 72.7                            | 19 500 *                             | 29.9                    | 80.1                            | 22 300 *                             | 44.9                    | 85.9                            | 27 600                               |                         |                                 |                                      | 42.0                           |
| 44.0                           |                         |                                 |                                      | 21.9                    | 75.8                            | 20 500 *                             | 39.8                    | 83.7                            | 25 800                               | 52.1                    | 87.1                            | 23 600                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      | 34.0                    | 80.9                            | 23 600 *                             | 47.6                    | 85.3                            | 22 300                               | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      | 27.2                    | 77.4                            | 21 600 *                             | 42.7                    | 83.3                            | 21 100                               | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      | 18.0                    | 72.5                            | 19 900 *                             | 37.4                    | 80.9                            | 20 000                               | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 31.2                    | 77.9                            | 19 000                               | 52.0                           |
| 54.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 23.6                    | 73.9                            | 18 100                               | 54.0                           |
| 56.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 11.9                    | 67.4                            | 17 200                               | 56.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 22.9                           | 69.3                    | 98.3                            | 51 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.9                           |
| 24.0                           | 67.4                    | 97.8                            | 50 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 63.9                    | 96.9                            | 44 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 60.3                    | 95.8                            | 38 900 *                             | 66.0                    | 96.9                            | 48 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 56.6                    | 94.5                            | 34 500 *                             | 62.5                    | 95.9                            | 42 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 52.8                    | 93.1                            | 30 800 *                             | 58.9                    | 94.8                            | 37 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 48.7                    | 91.4                            | 27 800 *                             | 55.1                    | 93.5                            | 32 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 44.3                    | 89.5                            | 25 200 *                             | 51.1                    | 91.9                            | 29 500 *                             | 61.1                    | 94.3                            | 33 100                               |                         |                                 |                                      | 36.0                           |
| 38.0                           | 39.6                    | 87.2                            | 23 000 *                             | 47.0                    | 90.2                            | 26 700 *                             | 57.5                    | 93.1                            | 31 000                               |                         |                                 |                                      | 38.0                           |
| 40.0                           | 34.3                    | 84.5                            | 21 200 *                             | 42.5                    | 88.1                            | 24 300 *                             | 53.6                    | 91.7                            | 29 000                               |                         |                                 |                                      | 40.0                           |
| 42.0                           | 28.1                    | 81.1                            | 19 500 *                             | 37.5                    | 85.7                            | 22 200 *                             | 49.6                    | 90.1                            | 27 300                               |                         |                                 |                                      | 42.0                           |
| 44.0                           | 20.3                    | 76.5                            | 18 000 *                             | 31.9                    | 82.7                            | 20 400 *                             | 45.3                    | 88.2                            | 25 700                               |                         |                                 |                                      | 44.0                           |
| 46.0                           |                         |                                 |                                      | 25.2                    | 78.9                            | 18 800 *                             | 40.6                    | 86.0                            | 23 500 *                             | 51.9                    | 89.4                            | 22 000                               | 46.0                           |
| 48.0                           |                         |                                 |                                      | 16.1                    | 73.5                            | 17 500 *                             | 35.5                    | 83.4                            | 21 600 *                             | 47.7                    | 87.6                            | 20 800                               | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      | 29.6                    | 80.2                            | 19 800 *                             | 43.3                    | 85.6                            | 19 700                               | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      | 22.2                    | 76.0                            | 18 300 *                             | 38.4                    | 83.3                            | 18 700                               | 52.0                           |
| 54.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 33.0                    | 80.4                            | 17 800                               | 54.0                           |
| 56.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.6                    | 76.8                            | 17 000                               | 56.0                           |
| 58.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.1                    | 71.8                            | 16 200                               | 58.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

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



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

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



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 25.9                           | 69.5                    | 106.9                           | 40 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 25.9                           |
| 26.0                           | 69.4                    | 106.9                           | 40 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 66.7                    | 106.0                           | 38 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 63.9                    | 105.1                           | 35 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 61.1                    | 104.0                           | 31 200 *                             | 65.6                    | 105.2                           | 37 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 58.2                    | 102.8                           | 28 100 *                             | 62.8                    | 104.2                           | 33 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 55.2                    | 101.5                           | 25 400 *                             | 59.9                    | 103.1                           | 29 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 52.0                    | 100.0                           | 23 100 *                             | 57.0                    | 101.8                           | 26 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 48.8                    | 98.3                            | 21 200 *                             | 53.9                    | 100.4                           | 24 500 *                             | 61.7                    | 102.6                           | 28 400                               |                         |                                 |                                      | 40.0                           |
| 42.0                           | 45.3                    | 96.4                            | 19 500 *                             | 50.7                    | 98.8                            | 22 300 *                             | 58.8                    | 101.4                           | 26 700                               |                         |                                 |                                      | 42.0                           |
| 44.0                           | 41.6                    | 94.3                            | 18 000 *                             | 47.4                    | 97.1                            | 20 400 *                             | 55.8                    | 100.1                           | 25 200                               |                         |                                 |                                      | 44.0                           |
| 46.0                           | 37.7                    | 91.8                            | 16 600 *                             | 43.8                    | 95.1                            | 18 800 *                             | 52.7                    | 98.6                            | 23 600 *                             |                         |                                 |                                      | 46.0                           |
| 48.0                           | 33.3                    | 88.9                            | 15 400 *                             | 40.1                    | 92.8                            | 17 400 *                             | 49.5                    | 97.0                            | 21 600 *                             |                         |                                 |                                      | 48.0                           |
| 50.0                           | 28.3                    | 85.5                            | 14 300 *                             | 35.9                    | 90.2                            | 16 100 *                             | 46.1                    | 95.1                            | 19 800 *                             | 54.5                    | 97.8                            | 19 100                               | 50.0                           |
| 52.0                           | 22.3                    | 81.2                            | 13 300 *                             | 31.3                    | 87.1                            | 15 000 *                             | 42.4                    | 93.0                            | 18 300 *                             | 51.3                    | 96.3                            | 18 100                               | 52.0                           |
| 54.0                           | 14.1                    | 74.9                            | 12 200 *                             | 26.0                    | 83.4                            | 13 900 *                             | 38.5                    | 90.7                            | 16 900 *                             | 48.0                    | 94.5                            | 17 300                               | 54.0                           |
| 56.0                           |                         |                                 |                                      | 19.4                    | 78.5                            | 13 000 *                             | 34.3                    | 87.9                            | 15 700 *                             | 44.5                    | 92.6                            | 16 400                               | 56.0                           |
| 58.0                           |                         |                                 |                                      |                         |                                 |                                      | 29.4                    | 84.6                            | 14 600 *                             | 40.8                    | 90.4                            | 15 700                               | 58.0                           |
| 60.0                           |                         |                                 |                                      |                         |                                 |                                      | 23.7                    | 80.5                            | 13 600 *                             | 36.7                    | 87.9                            | 14 900                               | 60.0                           |
| 62.0                           |                         |                                 |                                      |                         |                                 |                                      | 16.2                    | 74.9                            | 12 700 *                             | 32.2                    | 84.9                            | 14 200                               | 62.0                           |
| 64.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 27.1                    | 81.3                            | 13 600                               | 64.0                           |
| 66.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.8                    | 76.7                            | 13 000                               | 66.0                           |
| 68.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 11.4                    | 69.5                            | 12 300                               | 68.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 25.9                           | 70.9                    | 110.1                           | 37 600 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 25.9                           |
| 26.0                           | 70.8                    | 110.1                           | 37 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 68.2                    | 109.3                           | 36 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 65.7                    | 108.5                           | 34 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 63.1                    | 107.5                           | 30 900 *                             | 67.2                    | 108.5                           | 35 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 60.4                    | 106.4                           | 27 800 *                             | 64.6                    | 107.6                           | 33 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 57.6                    | 105.2                           | 25 100 *                             | 62.0                    | 106.6                           | 29 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 54.8                    | 103.8                           | 22 900 *                             | 59.3                    | 105.4                           | 26 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 51.8                    | 102.3                           | 20 900 *                             | 56.5                    | 104.1                           | 24 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 48.8                    | 100.6                           | 19 200 *                             | 53.6                    | 102.7                           | 22 100 *                             | 61.0                    | 104.9                           | 26 500                               |                         |                                 |                                      | 42.0                           |
| 44.0                           | 45.5                    | 98.7                            | 17 700 *                             | 50.6                    | 101.1                           | 20 200 *                             | 58.2                    | 103.7                           | 24 900                               |                         |                                 |                                      | 44.0                           |
| 46.0                           | 42.1                    | 96.6                            | 16 400 *                             | 47.5                    | 99.4                            | 18 600 *                             | 55.4                    | 102.4                           | 23 400 *                             |                         |                                 |                                      | 46.0                           |
| 48.0                           | 38.4                    | 94.2                            | 15 200 *                             | 44.2                    | 97.4                            | 17 200 *                             | 52.5                    | 100.9                           | 21 300 *                             |                         |                                 |                                      | 48.0                           |
| 50.0                           | 34.4                    | 91.4                            | 14 100 *                             | 40.7                    | 95.2                            | 15 900 *                             | 49.4                    | 99.3                            | 19 600 *                             |                         |                                 |                                      | 50.0                           |
| 52.0                           | 30.0                    | 88.2                            | 13 100 *                             | 36.9                    | 92.6                            | 14 700 *                             | 46.3                    | 97.4                            | 18 000 *                             | 54.1                    | 100.1                           | 17 900                               | 52.0                           |
| 54.0                           | 24.8                    | 84.3                            | 12 200 *                             | 32.7                    | 89.7                            | 13 700 *                             | 42.9                    | 95.4                            | 16 700 *                             | 51.2                    | 98.6                            | 17 000                               | 54.0                           |
| 56.0                           | 18.2                    | 79.1                            | 11 400 *                             | 28.0                    | 86.2                            | 12 700 *                             | 39.3                    | 93.0                            | 15 400 *                             | 48.1                    | 96.8                            | 16 100                               | 56.0                           |
| 58.0                           |                         |                                 |                                      | 22.4                    | 81.9                            | 11 900 *                             | 35.3                    | 90.4                            | 14 300 *                             | 44.8                    | 94.9                            | 15 400                               | 58.0                           |
| 60.0                           |                         |                                 |                                      | 14.8                    | 75.8                            | 11 100 *                             | 31.0                    | 87.3                            | 13 300 *                             | 41.3                    | 92.7                            | 14 700                               | 60.0                           |
| 62.0                           |                         |                                 |                                      |                         |                                 |                                      | 26.0                    | 83.5                            | 12 400 *                             | 37.6                    | 90.3                            | 14 000                               | 62.0                           |
| 64.0                           |                         |                                 |                                      |                         |                                 |                                      | 19.8                    | 78.7                            | 11 600 *                             | 33.5                    | 87.4                            | 13 300                               | 64.0                           |
| 66.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.9                    | 84.1                            | 12 700                               | 66.0                           |
| 68.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 23.5                    | 79.9                            | 12 100                               | 68.0                           |
| 70.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 16.4                    | 74.2                            | 11 200 *                             | 70.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

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



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

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

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

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



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 30.5                           | 70.3                    | 121.4                           | 25 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.5                           |
| 32.0                           | 68.8                    | 120.9                           | 24 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 66.7                    | 120.0                           | 23 000 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 64.7                    | 119.1                           | 21 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 62.6                    | 118.1                           | 20 400 *                             | 65.9                    | 119.2                           | 22 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 60.4                    | 117.0                           | 19 100 *                             | 63.8                    | 118.2                           | 21 100 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 58.2                    | 115.8                           | 17 900 *                             | 61.7                    | 117.2                           | 19 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 42.0                           |
| 44.0                           | 56.0                    | 114.5                           | 16 700 *                             | 59.5                    | 116.0                           | 18 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 44.0                           |
| 46.0                           | 53.7                    | 113.1                           | 15 600 *                             | 57.3                    | 114.8                           | 17 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 46.0                           |
| 48.0                           | 51.3                    | 111.5                           | 14 500 *                             | 55.0                    | 113.4                           | 16 300 *                             | 60.9                    | 115.6                           | 19 200 *                             |                         |                                 |                                      | 48.0                           |
| 50.0                           | 48.8                    | 109.8                           | 13 400 *                             | 52.7                    | 111.9                           | 15 200 *                             | 58.7                    | 114.4                           | 18 100 *                             |                         |                                 |                                      | 50.0                           |
| 52.0                           | 46.2                    | 107.9                           | 12 400 *                             | 50.3                    | 110.3                           | 14 000 *                             | 56.5                    | 113.1                           | 16 900 *                             |                         |                                 |                                      | 52.0                           |
| 54.0                           | 43.6                    | 105.9                           | 11 500 *                             | 47.8                    | 108.6                           | 13 000 *                             | 54.2                    | 111.7                           | 15 900 *                             |                         |                                 |                                      | 54.0                           |
| 56.0                           | 40.7                    | 103.7                           | 10 700 *                             | 45.2                    | 106.6                           | 12 000 *                             | 51.8                    | 110.2                           | 14 800 *                             |                         |                                 |                                      | 56.0                           |
| 58.0                           | 37.8                    | 101.2                           | 9 900 *                              | 42.4                    | 104.5                           | 11 200 *                             | 49.4                    | 108.5                           | 13 600 *                             | 55.5                    | 110.8                           | 14 500                               | 58.0                           |
| 60.0                           | 34.5                    | 98.4                            | 9 200 *                              | 39.6                    | 102.2                           | 10 400 *                             | 46.8                    | 106.7                           | 12 600 *                             | 53.1                    | 109.4                           | 13 800                               | 60.0                           |
| 62.0                           | 31.0                    | 95.3                            | 8 600 *                              | 36.5                    | 99.6                            | 9 600 *                              | 44.2                    | 104.7                           | 11 700 *                             | 50.7                    | 107.8                           | 13 100                               | 62.0                           |
| 64.0                           | 27.1                    | 91.6                            | 8 000 *                              | 33.2                    | 96.7                            | 9 000 *                              | 41.4                    | 102.5                           | 10 800 *                             | 48.2                    | 106.1                           | 12 500                               | 64.0                           |
| 66.0                           | 22.6                    | 87.2                            | 7 400 *                              | 29.5                    | 93.4                            | 8 300 *                              | 38.4                    | 100.1                           | 10 100 *                             | 45.7                    | 104.2                           | 11 900                               | 66.0                           |
| 68.0                           | 16.9                    | 81.5                            | 6 900 *                              | 25.4                    | 89.4                            | 7 800 *                              | 35.3                    | 97.4                            | 9 400 *                              | 42.9                    | 102.1                           | 11 300                               | 68.0                           |
| 70.0                           | 7.9                     | 72.1                            | 6 000 *                              | 20.5                    | 84.6                            | 7 200 *                              | 31.8                    | 94.3                            | 8 700 *                              | 40.1                    | 99.8                            | 10 500 *                             | 70.0                           |
| 72.0                           |                         |                                 |                                      | 14.0                    | 78.0                            | 6 700 *                              | 28.0                    | 90.8                            | 8 100 *                              | 37.1                    | 97.3                            | 9 800 *                              | 72.0                           |
| 74.0                           |                         |                                 |                                      |                         |                                 |                                      | 23.6                    | 86.6                            | 7 600 *                              | 33.8                    | 94.4                            | 9 100 *                              | 74.0                           |
| 76.0                           |                         |                                 |                                      |                         |                                 |                                      | 18.3                    | 81.2                            | 7 100 *                              | 30.2                    | 91.2                            | 8 500 *                              | 76.0                           |
| 78.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.2                    | 87.4                            | 7 900 *                              | 78.0                           |
| 80.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.4                    | 82.7                            | 7 400 *                              | 80.0                           |
| 82.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 15.4                    | 76.6                            | 6 800 *                              | 82.0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 19.8                           | 64.6                    | 89.3                            | 78 500 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.8                           |
| 20.0                           | 64.0                    | 89.2                            | 77 100 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 57.8                    | 88.1                            | 62 400 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 51.1                    | 86.6                            | 52 400 *                             | 62.5                    | 88.4                            | 60 200 b                             |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 43.7                    | 84.7                            | 45 100 *                             | 56.2                    | 87.2                            | 54 500 b                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 35.0                    | 82.2                            | 39 400 *                             | 49.4                    | 85.6                            | 49 600 b                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 23.7                    | 78.4                            | 34 900 *                             | 41.7                    | 83.6                            | 43 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           |                         |                                 |                                      | 32.6                    | 80.8                            | 38 200 *                             | 55.4                    | 85.7                            | 38 600 b                             |                         |                                 |                                      | 32.0                           |
| 34.0                           |                         |                                 |                                      | 19.9                    | 76.6                            | 33 900 *                             | 48.5                    | 84.1                            | 35 900                               |                         |                                 |                                      | 34.0                           |
| 36.0                           |                         |                                 |                                      |                         |                                 |                                      | 40.7                    | 82.0                            | 33 400                               |                         |                                 |                                      | 36.0                           |
| 38.0                           |                         |                                 |                                      |                         |                                 |                                      | 31.3                    | 79.1                            | 31 300                               |                         |                                 |                                      | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 47.1                    | 81.9                            | 26 600                               | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 39.1                    | 79.7                            | 25 000                               | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 29.3                    | 76.7                            | 23 600                               | 44.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 19.8                           | 68.0                    | 92.7                            | 74 200 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.8                           |
| 20.0                           | 67.5                    | 92.6                            | 73 300 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 62.3                    | 91.6                            | 63 400 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 56.8                    | 90.4                            | 52 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 50.9                    | 88.9                            | 45 300 *                             | 60.9                    | 90.8                            | 54 300 b                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 44.4                    | 87.0                            | 39 500 *                             | 55.3                    | 89.5                            | 49 400                               |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 37.1                    | 84.6                            | 35 000 *                             | 49.3                    | 87.9                            | 44 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 28.1                    | 81.4                            | 31 300 *                             | 42.7                    | 85.9                            | 38 300 *                             | 60.3                    | 89.4                            | 38 300 b                             |                         |                                 |                                      | 32.0                           |
| 34.0                           |                         |                                 |                                      | 35.0                    | 83.4                            | 34 000 *                             | 54.6                    | 88.0                            | 35 600                               |                         |                                 |                                      | 34.0                           |
| 36.0                           |                         |                                 |                                      | 25.4                    | 79.8                            | 30 500 *                             | 48.6                    | 86.4                            | 33 200                               |                         |                                 |                                      | 36.0                           |
| 38.0                           |                         |                                 |                                      | 8.2                     | 72.8                            | 27 500 *                             | 41.8                    | 84.3                            | 31 000                               |                         |                                 |                                      | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      | 34.0                    | 81.7                            | 29 100                               | 53.5                    | 85.9                            | 26 300                               | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      | 24.0                    | 78.0                            | 27 400                               | 47.4                    | 84.2                            | 24 700                               | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 40.5                    | 82.1                            | 23 300                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 32.4                    | 79.3                            | 22 000                               | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.7                    | 75.2                            | 20 800                               | 48.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 24 950 kg Wheeled Counterweight  
 360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 19.8                           | 70.5                    | 96.0                            | 68 400 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.8                           |
| 20.0                           | 70.1                    | 95.9                            | 68 000 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.0                           |
| 22.0                           | 65.6                    | 95.1                            | 63 100 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 60.9                    | 94.0                            | 53 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 55.9                    | 92.7                            | 45 500 *                             | 64.4                    | 94.3                            | 54 100 b                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 50.7                    | 91.2                            | 39 700 *                             | 59.7                    | 93.2                            | 49 300                               |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 44.9                    | 89.3                            | 35 100 *                             | 54.7                    | 91.8                            | 44 100 *                             |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 38.6                    | 87.0                            | 31 300 *                             | 49.3                    | 90.2                            | 38 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 31.1                    | 84.1                            | 28 300 *                             | 43.4                    | 88.3                            | 34 100 *                             | 59.1                    | 91.7                            | 35 400                               |                         |                                 |                                      | 34.0                           |
| 36.0                           | 21.3                    | 79.8                            | 25 700 *                             | 36.8                    | 85.8                            | 30 600 *                             | 54.0                    | 90.3                            | 33 000                               |                         |                                 |                                      | 36.0                           |
| 38.0                           |                         |                                 |                                      | 29.0                    | 82.6                            | 27 600 *                             | 48.6                    | 88.7                            | 30 800                               |                         |                                 |                                      | 38.0                           |
| 40.0                           |                         |                                 |                                      | 18.1                    | 77.9                            | 25 100 *                             | 42.7                    | 86.7                            | 29 000                               |                         |                                 |                                      | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      | 36.0                    | 84.2                            | 27 200                               | 53.1                    | 88.3                            | 24 500                               | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      | 27.9                    | 80.9                            | 25 700                               | 47.6                    | 86.5                            | 23 100                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 41.5                    | 84.5                            | 21 800                               | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 34.6                    | 81.8                            | 20 700                               | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.1                    | 78.3                            | 19 600                               | 50.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 21.3                           | 69.5                    | 98.7                            | 60 200 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.3                           |
| 22.0                           | 68.2                    | 98.4                            | 59 200 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 64.0                    | 97.5                            | 53 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 59.7                    | 96.4                            | 45 700 *                             | 67.2                    | 97.6                            | 53 800 b                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 55.3                    | 95.1                            | 39 800 *                             | 63.0                    | 96.7                            | 49 100                               |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 50.5                    | 93.5                            | 35 200 *                             | 58.7                    | 95.5                            | 44 200                               |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 45.4                    | 91.6                            | 31 400 *                             | 54.1                    | 94.2                            | 38 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 39.7                    | 89.4                            | 28 300 *                             | 49.3                    | 92.5                            | 34 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 33.3                    | 86.6                            | 25 600 *                             | 44.0                    | 90.6                            | 30 600 *                             | 58.1                    | 94.1                            | 32 700                               |                         |                                 |                                      | 36.0                           |
| 38.0                           | 25.4                    | 83.0                            | 23 400 *                             | 38.2                    | 88.2                            | 27 600 *                             | 53.5                    | 92.7                            | 30 600                               |                         |                                 |                                      | 38.0                           |
| 40.0                           |                         |                                 |                                      | 31.5                    | 85.3                            | 25 000 *                             | 48.7                    | 91.0                            | 28 700                               |                         |                                 |                                      | 40.0                           |
| 42.0                           |                         |                                 |                                      | 23.1                    | 81.3                            | 22 900 *                             | 43.4                    | 89.0                            | 27 000                               |                         |                                 |                                      | 42.0                           |
| 44.0                           |                         |                                 |                                      | 8.7                     | 73.9                            | 21 000 *                             | 37.5                    | 86.6                            | 25 400                               | 52.7                    | 90.6                            | 22 800                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      | 30.6                    | 83.6                            | 24 100                               | 47.7                    | 88.8                            | 21 500                               | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      | 21.9                    | 79.4                            | 22 600                               | 42.3                    | 86.8                            | 20 400                               | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 36.3                    | 84.3                            | 19 300                               | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 29.2                    | 81.1                            | 18 300                               | 52.0                           |
| 54.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.8                    | 76.5                            | 17 400                               | 54.0                           |

# Liftcrane Luffing Jib Capacities

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

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 22.9                           | 68.7                    | 101.3                           | 55 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.9                           |
| 24.0                           | 66.6                    | 100.8                           | 53 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 62.8                    | 99.9                            | 46 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 58.8                    | 98.7                            | 40 700 *                             | 65.6                    | 100.1                           | 48 900                               |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 54.7                    | 97.4                            | 35 900 *                             | 61.8                    | 99.1                            | 44 600                               |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 50.4                    | 95.8                            | 32 100 *                             | 57.8                    | 97.9                            | 39 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 45.7                    | 94.0                            | 28 900 *                             | 53.6                    | 96.5                            | 34 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 40.6                    | 91.8                            | 26 200 *                             | 49.2                    | 94.8                            | 31 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 35.0                    | 89.1                            | 23 900 *                             | 44.5                    | 92.9                            | 28 200 *                             | 57.3                    | 96.4                            | 30 300                               |                         |                                 |                                      | 38.0                           |
| 40.0                           | 28.3                    | 85.8                            | 21 900 *                             | 39.3                    | 90.6                            | 25 600 *                             | 53.1                    | 95.0                            | 28 500                               |                         |                                 |                                      | 40.0                           |
| 42.0                           | 19.7                    | 81.2                            | 20 200 *                             | 33.4                    | 87.8                            | 23 400 *                             | 48.7                    | 93.3                            | 26 700                               |                         |                                 |                                      | 42.0                           |
| 44.0                           |                         |                                 |                                      | 26.5                    | 84.3                            | 21 500 *                             | 43.9                    | 91.3                            | 25 200                               |                         |                                 |                                      | 44.0                           |
| 46.0                           |                         |                                 |                                      | 16.9                    | 79.1                            | 19 700 *                             | 38.7                    | 89.0                            | 23 800                               | 52.3                    | 92.9                            | 21 300                               | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      | 32.7                    | 86.2                            | 22 600                               | 47.8                    | 91.1                            | 20 100                               | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      | 25.5                    | 82.5                            | 21 200                               | 43.0                    | 89.1                            | 19 100                               | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 37.6                    | 86.7                            | 18 100                               | 52.0                           |
| 54.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 31.5                    | 83.7                            | 17 200                               | 54.0                           |
| 56.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 23.9                    | 79.8                            | 16 400                               | 56.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 22.9                           | 70.5                    | 104.6                           | 51 000 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.9                           |
| 24.0                           | 68.6                    | 104.2                           | 49 900 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 65.2                    | 103.3                           | 47 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 61.7                    | 102.2                           | 40 900 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 58.0                    | 101.1                           | 36 000 *                             | 64.3                    | 102.5                           | 44 700                               |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 54.2                    | 99.7                            | 32 100 *                             | 60.8                    | 101.4                           | 39 600                               |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 50.2                    | 98.1                            | 28 900 *                             | 57.1                    | 100.2                           | 35 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 46.0                    | 96.3                            | 26 200 *                             | 53.3                    | 98.8                            | 31 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 41.4                    | 94.1                            | 23 800 *                             | 49.2                    | 97.1                            | 28 200 *                             | 60.4                    | 100.0                           | 30 000                               |                         |                                 |                                      | 38.0                           |
| 40.0                           | 36.3                    | 91.6                            | 21 800 *                             | 44.9                    | 95.2                            | 25 500 *                             | 56.7                    | 98.7                            | 28 100                               |                         |                                 |                                      | 40.0                           |
| 42.0                           | 30.6                    | 88.5                            | 20 100 *                             | 40.2                    | 93.0                            | 23 300 *                             | 52.8                    | 97.3                            | 26 500                               |                         |                                 |                                      | 42.0                           |
| 44.0                           | 23.5                    | 84.5                            | 18 500 *                             | 35.0                    | 90.3                            | 21 400 *                             | 48.7                    | 95.6                            | 25 000                               |                         |                                 |                                      | 44.0                           |
| 46.0                           |                         |                                 |                                      | 29.0                    | 87.1                            | 19 700 *                             | 44.4                    | 93.7                            | 23 600                               | 56.0                    | 96.7                            | 21 000                               | 46.0                           |
| 48.0                           |                         |                                 |                                      | 21.4                    | 82.7                            | 18 200 *                             | 39.6                    | 91.4                            | 22 400                               | 52.0                    | 95.2                            | 19 900                               | 48.0                           |
| 50.0                           |                         |                                 |                                      | 9.0                     | 75.0                            | 16 600 *                             | 34.3                    | 88.7                            | 21 100                               | 47.9                    | 93.4                            | 18 800                               | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      | 28.2                    | 85.3                            | 19 500 *                             | 43.5                    | 91.5                            | 17 900                               | 52.0                           |
| 54.0                           |                         |                                 |                                      |                         |                                 |                                      | 20.4                    | 80.7                            | 18 000 *                             | 38.7                    | 89.1                            | 17 000                               | 54.0                           |
| 56.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 33.2                    | 86.3                            | 16 100                               | 56.0                           |
| 58.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.9                    | 82.7                            | 15 400                               | 58.0                           |
| 60.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 18.5                    | 77.8                            | 14 700                               | 60.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

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

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

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



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 25.9                           | 70.5                    | 113.2                           | 39 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 25.9                           |
| 26.0                           | 70.4                    | 113.2                           | 39 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 67.7                    | 112.4                           | 38 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 65.0                    | 111.5                           | 36 300 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 62.2                    | 110.5                           | 32 500 *                             | 67.0                    | 111.6                           | 37 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 59.3                    | 109.3                           | 29 200 *                             | 64.3                    | 110.7                           | 35 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 56.3                    | 108.1                           | 26 300 *                             | 61.5                    | 109.7                           | 31 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 53.2                    | 106.6                           | 23 900 *                             | 58.5                    | 108.5                           | 28 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 50.0                    | 105.0                           | 21 900 *                             | 55.5                    | 107.2                           | 25 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 46.6                    | 103.2                           | 20 100 *                             | 52.4                    | 105.7                           | 23 400 *                             | 61.1                    | 108.2                           | 25 900                               |                         |                                 |                                      | 42.0                           |
| 44.0                           | 43.0                    | 101.1                           | 18 500 *                             | 49.2                    | 104.0                           | 21 400 *                             | 58.2                    | 107.0                           | 24 400                               |                         |                                 |                                      | 44.0                           |
| 46.0                           | 39.2                    | 98.8                            | 17 100 *                             | 45.7                    | 102.2                           | 19 700 *                             | 55.2                    | 105.7                           | 23 000                               |                         |                                 |                                      | 46.0                           |
| 48.0                           | 35.0                    | 96.1                            | 15 800 *                             | 42.1                    | 100.0                           | 18 100 *                             | 52.0                    | 104.2                           | 21 800                               |                         |                                 |                                      | 48.0                           |
| 50.0                           | 30.2                    | 92.9                            | 14 700 *                             | 38.2                    | 97.6                            | 16 800 *                             | 48.8                    | 102.5                           | 20 600                               |                         |                                 |                                      | 50.0                           |
| 52.0                           | 24.7                    | 89.0                            | 13 700 *                             | 33.8                    | 94.8                            | 15 500 *                             | 45.3                    | 100.6                           | 19 500 *                             | 54.6                    | 103.6                           | 17 200                               | 52.0                           |
| 54.0                           | 17.6                    | 83.7                            | 12 800 *                             | 29.0                    | 91.5                            | 14 500 *                             | 41.6                    | 98.5                            | 18 000 *                             | 51.4                    | 102.1                           | 16 400                               | 54.0                           |
| 56.0                           |                         |                                 |                                      | 23.2                    | 87.3                            | 13 500 *                             | 37.7                    | 96.0                            | 16 600 *                             | 48.1                    | 100.4                           | 15 600                               | 56.0                           |
| 58.0                           |                         |                                 |                                      | 15.4                    | 81.4                            | 12 500 *                             | 33.3                    | 93.1                            | 15 400 *                             | 44.6                    | 98.4                            | 14 800                               | 58.0                           |
| 60.0                           |                         |                                 |                                      |                         |                                 |                                      | 28.3                    | 89.7                            | 14 400 *                             | 40.9                    | 96.2                            | 14 100                               | 60.0                           |
| 62.0                           |                         |                                 |                                      |                         |                                 |                                      | 22.4                    | 85.4                            | 13 400 *                             | 36.9                    | 93.7                            | 13 500                               | 62.0                           |
| 64.0                           |                         |                                 |                                      |                         |                                 |                                      | 14.1                    | 79.2                            | 12 500 *                             | 32.4                    | 90.7                            | 12 900                               | 64.0                           |
| 66.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 27.3                    | 87.2                            | 12 300                               | 66.0                           |
| 68.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.1                    | 82.6                            | 11 800                               | 68.0                           |
| 70.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 12.0                    | 75.7                            | 11 200                               | 70.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 27.4                           | 69.9                    | 115.9                           | 36 000 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 27.4                           |
| 28.0                           | 69.2                    | 115.7                           | 35 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 66.6                    | 114.9                           | 34 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 64.0                    | 113.9                           | 32 300 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 61.4                    | 112.9                           | 28 900 *                             | 66.0                    | 114.1                           | 33 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 58.7                    | 111.7                           | 26 100 *                             | 63.4                    | 113.1                           | 31 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 55.9                    | 110.4                           | 23 700 *                             | 60.7                    | 112.0                           | 28 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 53.0                    | 108.9                           | 21 600 *                             | 58.0                    | 110.8                           | 25 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 49.9                    | 107.3                           | 19 800 *                             | 55.1                    | 109.5                           | 23 100 *                             |                         |                                 |                                      |                         |                                 |                                      | 42.0                           |
| 44.0                           | 46.8                    | 105.5                           | 18 200 *                             | 52.2                    | 108.0                           | 21 200 *                             | 60.4                    | 110.6                           | 24 100                               |                         |                                 |                                      | 44.0                           |
| 46.0                           | 43.4                    | 103.5                           | 16 900 *                             | 49.2                    | 106.3                           | 19 400 *                             | 57.6                    | 109.4                           | 22 700                               |                         |                                 |                                      | 46.0                           |
| 48.0                           | 39.8                    | 101.2                           | 15 600 *                             | 45.9                    | 104.5                           | 17 900 *                             | 54.8                    | 108.0                           | 21 500                               |                         |                                 |                                      | 48.0                           |
| 50.0                           | 36.0                    | 98.6                            | 14 500 *                             | 42.6                    | 102.4                           | 16 500 *                             | 51.9                    | 106.5                           | 20 400                               |                         |                                 |                                      | 50.0                           |
| 52.0                           | 31.7                    | 95.5                            | 13 500 *                             | 38.9                    | 100.0                           | 15 300 *                             | 48.8                    | 104.8                           | 19 300 *                             | 57.1                    | 107.3                           | 16 900                               | 52.0                           |
| 54.0                           | 26.8                    | 91.9                            | 12 500 *                             | 35.0                    | 97.3                            | 14 200 *                             | 45.6                    | 102.9                           | 17 700 *                             | 54.3                    | 105.9                           | 16 100                               | 54.0                           |
| 56.0                           | 20.9                    | 87.3                            | 11 700 *                             | 30.6                    | 94.2                            | 13 200 *                             | 42.1                    | 100.8                           | 16 400 *                             | 51.3                    | 104.4                           | 15 300                               | 56.0                           |
| 58.0                           |                         |                                 |                                      | 25.5                    | 90.3                            | 12 300 *                             | 38.5                    | 98.4                            | 15 200 *                             | 48.2                    | 102.7                           | 14 500                               | 58.0                           |
| 60.0                           |                         |                                 |                                      | 19.2                    | 85.3                            | 11 500 *                             | 34.5                    | 95.7                            | 14 100 *                             | 44.9                    | 100.7                           | 13 900                               | 60.0                           |
| 62.0                           |                         |                                 |                                      | 9.3                     | 77.2                            | 10 400 *                             | 30.0                    | 92.4                            | 13 100 *                             | 41.5                    | 98.6                            | 13 200                               | 62.0                           |
| 64.0                           |                         |                                 |                                      |                         |                                 |                                      | 24.8                    | 88.5                            | 12 200 *                             | 37.7                    | 96.1                            | 12 600                               | 64.0                           |
| 66.0                           |                         |                                 |                                      |                         |                                 |                                      | 18.3                    | 83.3                            | 11 400 *                             | 33.7                    | 93.3                            | 12 000                               | 66.0                           |
| 68.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 29.1                    | 89.9                            | 11 500                               | 68.0                           |
| 70.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 23.7                    | 85.8                            | 11 000                               | 70.0                           |
| 72.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 16.8                    | 80.3                            | 10 500                               | 72.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

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



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

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



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 24 950 kg Wheeled Counterweight  
 360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 30.5                           | 70.0                    | 124.5                           | 28 000 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.5                           |
| 32.0                           | 68.4                    | 123.9                           | 27 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 66.2                    | 123.1                           | 25 800 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 64.0                    | 122.1                           | 24 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 61.8                    | 121.1                           | 23 100 *                             | 65.7                    | 122.3                           | 25 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 59.5                    | 120.0                           | 21 000 *                             | 63.5                    | 121.3                           | 24 100 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 57.2                    | 118.7                           | 19 200 *                             | 61.3                    | 120.3                           | 22 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 42.0                           |
| 44.0                           | 54.8                    | 117.3                           | 17 700 *                             | 59.0                    | 119.1                           | 20 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 44.0                           |
| 46.0                           | 52.3                    | 115.8                           | 16 200 *                             | 56.6                    | 117.8                           | 18 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 46.0                           |
| 48.0                           | 49.8                    | 114.2                           | 15 000 *                             | 54.2                    | 116.4                           | 17 300 *                             | 61.0                    | 118.8                           | 20 900                               |                         |                                 |                                      | 48.0                           |
| 50.0                           | 47.1                    | 112.4                           | 13 900 *                             | 51.7                    | 114.9                           | 15 900 *                             | 58.7                    | 117.7                           | 19 800                               |                         |                                 |                                      | 50.0                           |
| 52.0                           | 44.3                    | 110.4                           | 12 900 *                             | 49.1                    | 113.2                           | 14 700 *                             | 56.3                    | 116.4                           | 18 700 *                             |                         |                                 |                                      | 52.0                           |
| 54.0                           | 41.4                    | 108.2                           | 11 900 *                             | 46.4                    | 111.4                           | 13 600 *                             | 53.9                    | 114.9                           | 17 100 *                             |                         |                                 |                                      | 54.0                           |
| 56.0                           | 38.3                    | 105.8                           | 11 100 *                             | 43.6                    | 109.4                           | 12 600 *                             | 51.4                    | 113.4                           | 15 800 *                             |                         |                                 |                                      | 56.0                           |
| 58.0                           | 34.9                    | 103.1                           | 10 300 *                             | 40.7                    | 107.1                           | 11 800 *                             | 48.8                    | 111.7                           | 14 600 *                             | 55.9                    | 114.3                           | 13 900                               | 58.0                           |
| 60.0                           | 31.3                    | 100.0                           | 9 600 *                              | 37.5                    | 104.6                           | 10 900 *                             | 46.1                    | 109.8                           | 13 500 *                             | 53.4                    | 112.9                           | 13 200                               | 60.0                           |
| 62.0                           | 27.2                    | 96.3                            | 9 000 *                              | 34.1                    | 101.8                           | 10 200 *                             | 43.3                    | 107.8                           | 12 500 *                             | 50.9                    | 111.3                           | 12 600                               | 62.0                           |
| 64.0                           | 22.4                    | 91.9                            | 8 400 *                              | 30.3                    | 98.6                            | 9 500 *                              | 40.3                    | 105.5                           | 11 700 *                             | 48.3                    | 109.6                           | 12 000                               | 64.0                           |
| 66.0                           | 16.3                    | 86.1                            | 7 900 *                              | 26.1                    | 94.8                            | 8 800 *                              | 37.1                    | 103.0                           | 10 800 *                             | 45.6                    | 107.7                           | 11 500                               | 66.0                           |
| 68.0                           |                         |                                 |                                      | 21.0                    | 90.1                            | 8 300 *                              | 33.6                    | 100.1                           | 10 100 *                             | 42.7                    | 105.6                           | 10 900                               | 68.0                           |
| 70.0                           |                         |                                 |                                      | 14.4                    | 83.7                            | 7 700 *                              | 29.8                    | 96.9                            | 9 400 *                              | 39.7                    | 103.3                           | 10 500                               | 70.0                           |
| 72.0                           |                         |                                 |                                      |                         |                                 |                                      | 25.5                    | 93.0                            | 8 800 *                              | 36.5                    | 100.7                           | 10 000                               | 72.0                           |
| 74.0                           |                         |                                 |                                      |                         |                                 |                                      | 20.4                    | 88.2                            | 8 200 *                              | 33.0                    | 97.7                            | 9 600                                | 74.0                           |
| 76.0                           |                         |                                 |                                      |                         |                                 |                                      | 13.4                    | 81.4                            | 7 700 *                              | 29.1                    | 94.4                            | 9 100                                | 76.0                           |
| 78.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.6                    | 90.4                            | 8 700 *                              | 78.0                           |
| 80.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.2                    | 85.3                            | 8 100 *                              | 80.0                           |
| 82.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 11.6                    | 77.8                            | 7 600 *                              | 82.0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 32.0                           | 69.5                    | 127.2                           | 24 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 67.5                    | 126.4                           | 23 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 65.4                    | 125.5                           | 21 900 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 63.3                    | 124.5                           | 20 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 61.2                    | 123.5                           | 19 400 *                             | 64.9                    | 124.7                           | 21 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 59.0                    | 122.3                           | 18 200 *                             | 62.8                    | 123.7                           | 20 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 42.0                           |
| 44.0                           | 56.8                    | 121.0                           | 17 100 *                             | 60.7                    | 122.7                           | 19 100 *                             |                         |                                 |                                      |                         |                                 |                                      | 44.0                           |
| 46.0                           | 54.5                    | 119.7                           | 16 000 *                             | 58.5                    | 121.5                           | 17 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 46.0                           |
| 48.0                           | 52.2                    | 118.1                           | 14 900 *                             | 56.3                    | 120.2                           | 16 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 48.0                           |
| 50.0                           | 49.7                    | 116.5                           | 13 800 *                             | 54.0                    | 118.7                           | 15 800 *                             | 60.4                    | 121.2                           | 18 700 *                             |                         |                                 |                                      | 50.0                           |
| 52.0                           | 47.2                    | 114.7                           | 12 700 *                             | 51.6                    | 117.2                           | 14 600 *                             | 58.2                    | 120.0                           | 17 700 *                             |                         |                                 |                                      | 52.0                           |
| 54.0                           | 44.6                    | 112.7                           | 11 800 *                             | 49.1                    | 115.5                           | 13 500 *                             | 56.0                    | 118.7                           | 16 700 *                             |                         |                                 |                                      | 54.0                           |
| 56.0                           | 41.8                    | 110.6                           | 11 000 *                             | 46.6                    | 113.7                           | 12 500 *                             | 53.7                    | 117.3                           | 15 600 *                             |                         |                                 |                                      | 56.0                           |
| 58.0                           | 38.9                    | 108.2                           | 10 200 *                             | 43.9                    | 111.7                           | 11 600 *                             | 51.3                    | 115.7                           | 14 500 *                             | 57.8                    | 117.9                           | 13 600                               | 58.0                           |
| 60.0                           | 35.8                    | 105.5                           | 9 500 *                              | 41.1                    | 109.5                           | 10 800 *                             | 48.8                    | 114.0                           | 13 400 *                             | 55.6                    | 116.6                           | 13 000                               | 60.0                           |
| 62.0                           | 32.4                    | 102.5                           | 8 800 *                              | 38.1                    | 107.0                           | 10 000 *                             | 46.3                    | 112.1                           | 12 400 *                             | 53.2                    | 115.2                           | 12 300                               | 62.0                           |
| 64.0                           | 28.6                    | 99.1                            | 8 200 *                              | 34.9                    | 104.3                           | 9 300 *                              | 43.6                    | 110.1                           | 11 500 *                             | 50.8                    | 113.6                           | 11 700                               | 64.0                           |
| 66.0                           | 24.4                    | 95.0                            | 7 700 *                              | 31.5                    | 101.2                           | 8 700 *                              | 40.8                    | 107.9                           | 10 700 *                             | 48.4                    | 111.9                           | 11 200                               | 66.0                           |
| 68.0                           | 19.2                    | 89.9                            | 7 100 *                              | 27.6                    | 97.6                            | 8 100 *                              | 37.8                    | 105.4                           | 9 900 *                              | 45.8                    | 110.0                           | 10 700                               | 68.0                           |
| 70.0                           | 12.1                    | 82.6                            | 6 600 *                              | 23.2                    | 93.3                            | 7 500 *                              | 34.6                    | 102.6                           | 9 200 *                              | 43.1                    | 107.9                           | 10 200                               | 70.0                           |
| 72.0                           |                         |                                 |                                      | 17.7                    | 87.9                            | 7 000 *                              | 31.0                    | 99.5                            | 8 600 *                              | 40.2                    | 105.6                           | 9 700                                | 72.0                           |
| 74.0                           |                         |                                 |                                      | 9.5                     | 79.3                            | 6 300 *                              | 27.1                    | 95.8                            | 8 000 *                              | 37.2                    | 103.1                           | 9 300                                | 74.0                           |
| 76.0                           |                         |                                 |                                      |                         |                                 |                                      | 22.6                    | 91.4                            | 7 500 *                              | 33.9                    | 100.3                           | 8 900                                | 76.0                           |
| 78.0                           |                         |                                 |                                      |                         |                                 |                                      | 16.9                    | 85.8                            | 7 000 *                              | 30.4                    | 97.0                            | 8 500                                | 78.0                           |
| 80.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.3                    | 93.3                            | 7 900 *                              | 80.0                           |
| 82.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.7                    | 88.7                            | 7 400 *                              | 82.0                           |
| 84.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 15.7                    | 82.6                            | 6 800 *                              | 84.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 21.3                           | 62.2                    | 95.0                            | 70 300 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.3                           |
| 22.0                           | 60.2                    | 94.6                            | 66 600 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 53.7                    | 93.2                            | 56 000 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 46.6                    | 91.5                            | 47 600 *                             | 59.6                    | 93.9                            | 53 600 b                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 38.5                    | 89.2                            | 41 300 *                             | 53.1                    | 92.5                            | 49 000 b                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 28.4                    | 86.1                            | 36 400 *                             | 45.9                    | 90.7                            | 45 000                               |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 12.0                    | 80.3                            | 32 500 *                             | 37.7                    | 88.4                            | 40 900                               | 60.5                    | 92.6                            | 37 500 b                             |                         |                                 |                                      | 32.0                           |
| 34.0                           |                         |                                 |                                      | 27.3                    | 85.1                            | 36 100 *                             | 54.0                    | 91.3                            | 34 900 b                             |                         |                                 |                                      | 34.0                           |
| 36.0                           |                         |                                 |                                      |                         |                                 |                                      | 47.0                    | 89.6                            | 32 500                               |                         |                                 |                                      | 36.0                           |
| 38.0                           |                         |                                 |                                      |                         |                                 |                                      | 38.9                    | 87.4                            | 30 400                               |                         |                                 |                                      | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      | 29.0                    | 84.3                            | 28 500                               | 54.5                    | 89.4                            | 25 400 b                             | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 47.4                    | 87.7                            | 23 900                               | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 39.5                    | 85.6                            | 22 500                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 29.7                    | 82.5                            | 21 300                               | 46.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 21.3                           | 66.0                    | 98.4                            | 67 600 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.3                           |
| 22.0                           | 64.2                    | 98.1                            | 65 300 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 58.8                    | 96.9                            | 56 500 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 53.1                    | 95.6                            | 47 800 *                             | 63.8                    | 97.4                            | 53 300 b                             |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 46.9                    | 93.8                            | 41 500 *                             | 58.3                    | 96.2                            | 48 700 b                             |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 39.9                    | 91.6                            | 36 600 *                             | 52.6                    | 94.8                            | 44 800                               |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 31.7                    | 88.8                            | 32 600 *                             | 46.3                    | 93.0                            | 41 100                               |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 20.7                    | 84.5                            | 29 300 *                             | 39.2                    | 90.8                            | 36 200 *                             | 59.1                    | 95.0                            | 34 600 b                             |                         |                                 |                                      | 34.0                           |
| 36.0                           |                         |                                 |                                      | 30.9                    | 87.9                            | 32 300 *                             | 53.4                    | 93.6                            | 32 200                               |                         |                                 |                                      | 36.0                           |
| 38.0                           |                         |                                 |                                      | 19.4                    | 83.4                            | 29 000 *                             | 47.2                    | 91.9                            | 30 100                               |                         |                                 |                                      | 38.0                           |
| 40.0                           |                         |                                 |                                      |                         |                                 |                                      | 40.3                    | 89.7                            | 28 300                               |                         |                                 |                                      | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      | 32.2                    | 86.9                            | 26 600                               | 53.8                    | 91.7                            | 23 600                               | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      | 21.4                    | 82.8                            | 25 100                               | 47.6                    | 90.0                            | 22 300                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 40.8                    | 87.9                            | 21 000                               | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 32.8                    | 85.2                            | 19 900                               | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.2                    | 81.2                            | 18 800                               | 50.0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 21.3                           | 68.8                    | 101.7                           | 64 800 * <sup>b</sup>                |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.3                           |
| 22.0                           | 67.3                    | 101.4                           | 63 500 * <sup>b</sup>                |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.0                           |
| 24.0                           | 62.6                    | 100.5                           | 57 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 57.8                    | 99.3                            | 48 300 *                             | 66.9                    | 100.8                           | 53 200 <sup>b</sup>                  |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 52.7                    | 97.9                            | 41 900 *                             | 62.2                    | 99.8                            | 48 500 <sup>b</sup>                  |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 47.1                    | 96.1                            | 36 800 *                             | 57.3                    | 98.6                            | 44 600                               |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 41.0                    | 94.0                            | 32 800 *                             | 52.2                    | 97.1                            | 41 200                               |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 34.0                    | 91.3                            | 29 500 *                             | 46.6                    | 95.4                            | 36 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 25.4                    | 87.7                            | 26 700 *                             | 40.4                    | 93.2                            | 32 500 *                             | 58.0                    | 97.3                            | 32 000                               |                         |                                 |                                      | 36.0                           |
| 38.0                           | 11.6                    | 81.4                            | 24 300 *                             | 33.3                    | 90.4                            | 29 200 *                             | 52.9                    | 95.9                            | 29 900                               |                         |                                 |                                      | 38.0                           |
| 40.0                           |                         |                                 |                                      | 24.5                    | 86.7                            | 26 400 *                             | 47.4                    | 94.2                            | 28 100                               |                         |                                 |                                      | 40.0                           |
| 42.0                           |                         |                                 |                                      |                         |                                 |                                      | 41.4                    | 92.1                            | 26 400                               |                         |                                 |                                      | 42.0                           |
| 44.0                           |                         |                                 |                                      |                         |                                 |                                      | 34.4                    | 89.4                            | 24 900                               | 53.3                    | 94.0                            | 22 000                               | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      | 25.9                    | 85.9                            | 23 500                               | 47.8                    | 92.4                            | 20 800                               | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 41.8                    | 90.3                            | 19 700                               | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 34.9                    | 87.7                            | 18 700                               | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.5                    | 84.2                            | 17 700                               | 52.0                           |

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 22.9                           | 67.9                    | 104.4                           | 57 800 * <sup>b</sup>                |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.9                           |
| 24.0                           | 65.6                    | 103.9                           | 55 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 61.4                    | 102.8                           | 48 300 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 56.9                    | 101.6                           | 41 800 *                             | 65.2                    | 103.2                           | 48 300                               |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 52.3                    | 100.2                           | 36 800 *                             | 61.0                    | 102.2                           | 44 300                               |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 47.3                    | 98.4                            | 32 700 *                             | 56.5                    | 100.9                           | 41 000                               |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 41.9                    | 96.3                            | 29 400 *                             | 51.9                    | 99.4                            | 36 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 35.8                    | 93.8                            | 26 600 *                             | 46.8                    | 97.7                            | 32 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 28.6                    | 90.5                            | 24 200 *                             | 41.4                    | 95.5                            | 29 100 *                             | 57.2                    | 99.7                            | 29 600                               |                         |                                 |                                      | 38.0                           |
| 40.0                           | 19.0                    | 85.8                            | 22 100 *                             | 35.2                    | 92.9                            | 26 400 *                             | 52.5                    | 98.2                            | 27 800                               |                         |                                 |                                      | 40.0                           |
| 42.0                           |                         |                                 |                                      | 27.9                    | 89.6                            | 24 000 *                             | 47.6                    | 96.5                            | 26 100                               |                         |                                 |                                      | 42.0                           |
| 44.0                           |                         |                                 |                                      | 17.9                    | 84.7                            | 22 000 *                             | 42.2                    | 94.4                            | 24 600                               |                         |                                 |                                      | 44.0                           |
| 46.0                           |                         |                                 |                                      |                         |                                 |                                      | 36.1                    | 91.9                            | 23 300                               | 52.9                    | 96.4                            | 20 500                               | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      | 29.0                    | 88.7                            | 22 000                               | 47.9                    | 94.7                            | 19 400                               | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      | 19.6                    | 84.1                            | 20 900                               | 42.6                    | 92.6                            | 18 400                               | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 36.6                    | 90.1                            | 17 400                               | 52.0                           |
| 54.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 29.5                    | 87.0                            | 16 600                               | 54.0                           |
| 56.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 20.3                    | 82.5                            | 15 800                               | 56.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 22.9                           | 70.0                    | 107.7                           | 55 000 *b                            |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.9                           |
| 24.0                           | 67.9                    | 107.2                           | 53 800 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                           |
| 26.0                           | 64.2                    | 106.3                           | 49 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 60.3                    | 105.2                           | 42 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 56.3                    | 103.9                           | 37 600 *                             | 63.8                    | 105.6                           | 44 100                               |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 52.0                    | 102.5                           | 33 400 *                             | 59.9                    | 104.5                           | 40 700                               |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 47.5                    | 100.7                           | 30 000 *                             | 55.9                    | 103.2                           | 37 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 42.6                    | 98.7                            | 27 100 *                             | 51.6                    | 101.7                           | 33 100 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 37.2                    | 96.2                            | 24 700 *                             | 47.0                    | 100.0                           | 29 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 31.0                    | 93.2                            | 22 600 *                             | 42.1                    | 97.9                            | 26 900 *                             | 56.5                    | 102.0                           | 27 500                               |                         |                                 |                                      | 40.0                           |
| 42.0                           | 23.3                    | 89.2                            | 20 800 *                             | 36.7                    | 95.4                            | 24 500 *                             | 52.2                    | 100.5                           | 25 900                               |                         |                                 |                                      | 42.0                           |
| 44.0                           | 11.3                    | 82.5                            | 18 900 *                             | 30.3                    | 92.3                            | 22 400 *                             | 47.7                    | 98.8                            | 24 400                               |                         |                                 |                                      | 44.0                           |
| 46.0                           |                         |                                 |                                      | 22.5                    | 88.1                            | 20 600 *                             | 42.8                    | 96.8                            | 23 100                               | 56.7                    | 100.1                           | 20 200                               | 46.0                           |
| 48.0                           |                         |                                 |                                      |                         |                                 |                                      | 37.5                    | 94.3                            | 21 900                               | 52.5                    | 98.7                            | 19 100                               | 48.0                           |
| 50.0                           |                         |                                 |                                      |                         |                                 |                                      | 31.3                    | 91.3                            | 20 700                               | 48.0                    | 97.0                            | 18 100                               | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      | 23.7                    | 87.4                            | 19 700                               | 43.2                    | 94.9                            | 17 200                               | 52.0                           |
| 54.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 37.8                    | 92.6                            | 16 400                               | 54.0                           |
| 56.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 31.7                    | 89.6                            | 15 600                               | 56.0                           |
| 58.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.3                    | 85.7                            | 14 800                               | 58.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 24.4                           | 69.2                    | 110.3                           | 49 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.4                           |
| 26.0                           | 66.5                    | 109.7                           | 47 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 63.0                    | 108.7                           | 43 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 59.4                    | 107.6                           | 37 700 *                             | 66.2                    | 109.0                           | 43 800                               |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 55.7                    | 106.3                           | 33 500 *                             | 62.7                    | 108.0                           | 40 500                               |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 51.7                    | 104.8                           | 30 000 *                             | 59.1                    | 106.9                           | 37 300                               |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 47.6                    | 103.0                           | 27 100 *                             | 55.3                    | 105.6                           | 33 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 43.2                    | 101.0                           | 24 600 *                             | 51.4                    | 104.0                           | 29 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 38.3                    | 98.6                            | 22 500 *                             | 47.2                    | 102.3                           | 26 900 *                             | 59.6                    | 105.6                           | 27 300                               |                         |                                 |                                      | 40.0                           |
| 42.0                           | 32.8                    | 95.8                            | 20 700 *                             | 42.7                    | 100.2                           | 24 500 *                             | 55.9                    | 104.3                           | 25 600                               |                         |                                 |                                      | 42.0                           |
| 44.0                           | 26.3                    | 92.2                            | 19 100 *                             | 37.8                    | 97.8                            | 22 400 *                             | 52.0                    | 102.8                           | 24 100                               |                         |                                 |                                      | 44.0                           |
| 46.0                           | 17.8                    | 87.1                            | 17 600 *                             | 32.3                    | 94.9                            | 20 500 *                             | 47.8                    | 101.1                           | 22 800                               |                         |                                 |                                      | 46.0                           |
| 48.0                           |                         |                                 |                                      | 25.7                    | 91.2                            | 19 000 *                             | 43.4                    | 99.1                            | 21 600                               | 56.1                    | 102.4                           | 18 800                               | 48.0                           |
| 50.0                           |                         |                                 |                                      | 16.8                    | 85.9                            | 17 500 *                             | 38.5                    | 96.7                            | 20 500                               | 52.2                    | 101.0                           | 17 800                               | 50.0                           |
| 52.0                           |                         |                                 |                                      |                         |                                 |                                      | 33.1                    | 93.9                            | 19 500                               | 48.1                    | 99.3                            | 16 900                               | 52.0                           |
| 54.0                           |                         |                                 |                                      |                         |                                 |                                      | 26.7                    | 90.3                            | 18 500                               | 43.7                    | 97.3                            | 16 100                               | 54.0                           |
| 56.0                           |                         |                                 |                                      |                         |                                 |                                      | 18.3                    | 85.4                            | 17 600                               | 38.9                    | 94.9                            | 15 300                               | 56.0                           |
| 58.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 33.5                    | 92.2                            | 14 600                               | 58.0                           |
| 60.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 27.2                    | 88.6                            | 13 900                               | 60.0                           |
| 62.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.0                    | 83.8                            | 13 200                               | 62.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 24.4                           | 70.9                    | 113.6                           | 45 900 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.4                           |
| 26.0                           | 68.4                    | 113.0                           | 44 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 65.2                    | 112.1                           | 42 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 62.0                    | 111.1                           | 37 800 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 58.6                    | 109.9                           | 33 400 *                             | 65.0                    | 111.4                           | 40 300                               |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 55.2                    | 108.6                           | 29 900 *                             | 61.7                    | 110.4                           | 37 200                               |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 51.5                    | 107.1                           | 27 000 *                             | 58.3                    | 109.2                           | 33 100 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 47.7                    | 105.3                           | 24 600 *                             | 54.9                    | 107.9                           | 29 700 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 43.6                    | 103.3                           | 22 500 *                             | 51.2                    | 106.3                           | 26 800 *                             | 62.2                    | 109.1                           | 27 100                               |                         |                                 |                                      | 40.0                           |
| 42.0                           | 39.2                    | 101.0                           | 20 600 *                             | 47.4                    | 104.6                           | 24 400 *                             | 58.8                    | 108.0                           | 25 500                               |                         |                                 |                                      | 42.0                           |
| 44.0                           | 34.3                    | 98.3                            | 19 000 *                             | 43.2                    | 102.6                           | 22 300 *                             | 55.4                    | 106.6                           | 24 000                               |                         |                                 |                                      | 44.0                           |
| 46.0                           | 28.7                    | 95.0                            | 17 600 *                             | 38.8                    | 100.2                           | 20 500 *                             | 51.7                    | 105.1                           | 22 700                               |                         |                                 |                                      | 46.0                           |
| 48.0                           | 21.7                    | 90.6                            | 16 300 *                             | 33.8                    | 97.4                            | 18 900 *                             | 47.9                    | 103.4                           | 21 500                               |                         |                                 |                                      | 48.0                           |
| 50.0                           | 11.1                    | 83.6                            | 15 000 *                             | 28.1                    | 94.0                            | 17 500 *                             | 43.8                    | 101.4                           | 20 400                               | 55.6                    | 104.8                           | 17 700                               | 50.0                           |
| 52.0                           |                         |                                 |                                      | 21.0                    | 89.5                            | 16 200 *                             | 39.4                    | 99.1                            | 19 400                               | 52.0                    | 103.3                           | 16 800                               | 52.0                           |
| 54.0                           |                         |                                 |                                      |                         |                                 |                                      | 34.6                    | 96.4                            | 18 400                               | 48.2                    | 101.6                           | 16 000                               | 54.0                           |
| 56.0                           |                         |                                 |                                      |                         |                                 |                                      | 29.0                    | 93.1                            | 17 500                               | 44.1                    | 99.6                            | 15 200                               | 56.0                           |
| 58.0                           |                         |                                 |                                      |                         |                                 |                                      | 22.1                    | 88.8                            | 16 400 *                             | 39.7                    | 97.3                            | 14 500                               | 58.0                           |
| 60.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 34.9                    | 94.6                            | 13 800                               | 60.0                           |
| 62.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 29.4                    | 91.4                            | 13 200                               | 62.0                           |
| 64.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 22.7                    | 87.2                            | 12 600                               | 64.0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 25.9                           | 70.1                    | 116.3                           | 41 600 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 25.9                           |
| 26.0                           | 70.0                    | 116.3                           | 41 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.0                           |
| 28.0                           | 67.1                    | 115.4                           | 40 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 64.2                    | 114.5                           | 37 500 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 61.1                    | 113.5                           | 33 300 *                             | 66.9                    | 114.8                           | 39 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 58.0                    | 112.3                           | 29 800 *                             | 63.9                    | 113.8                           | 37 000                               |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 54.7                    | 110.9                           | 26 800 *                             | 60.8                    | 112.8                           | 32 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 51.4                    | 109.4                           | 24 400 *                             | 57.7                    | 111.6                           | 29 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 47.8                    | 107.6                           | 22 300 *                             | 54.4                    | 110.2                           | 26 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 44.0                    | 105.7                           | 20 400 *                             | 51.0                    | 108.6                           | 24 200 *                             | 61.3                    | 111.5                           | 25 200                               |                         |                                 |                                      | 42.0                           |
| 44.0                           | 40.0                    | 103.4                           | 18 800 *                             | 47.5                    | 106.9                           | 22 100 *                             | 58.2                    | 110.3                           | 23 800                               |                         |                                 |                                      | 44.0                           |
| 46.0                           | 35.5                    | 100.8                           | 17 400 *                             | 43.7                    | 104.9                           | 20 300 *                             | 54.9                    | 109.0                           | 22 500                               |                         |                                 |                                      | 46.0                           |
| 48.0                           | 30.5                    | 97.6                            | 16 100 *                             | 39.6                    | 102.6                           | 18 600 *                             | 51.5                    | 107.4                           | 21 200                               |                         |                                 |                                      | 48.0                           |
| 50.0                           | 24.6                    | 93.7                            | 14 900 *                             | 35.1                    | 99.9                            | 17 200 *                             | 48.0                    | 105.7                           | 20 100                               |                         |                                 |                                      | 50.0                           |
| 52.0                           | 16.9                    | 88.3                            | 13 900 *                             | 30.1                    | 96.7                            | 16 000 *                             | 44.2                    | 103.7                           | 19 100                               | 55.1                    | 107.1                           | 16 500                               | 52.0                           |
| 54.0                           |                         |                                 |                                      | 24.0                    | 92.7                            | 14 900 *                             | 40.2                    | 101.5                           | 18 200                               | 51.8                    | 105.6                           | 15 700                               | 54.0                           |
| 56.0                           |                         |                                 |                                      | 16.0                    | 87.1                            | 13 800 *                             | 35.8                    | 98.9                            | 17 300                               | 48.2                    | 103.9                           | 14 900                               | 56.0                           |
| 58.0                           |                         |                                 |                                      |                         |                                 |                                      | 30.8                    | 95.8                            | 16 200 *                             | 44.5                    | 101.9                           | 14 200                               | 58.0                           |
| 60.0                           |                         |                                 |                                      |                         |                                 |                                      | 25.0                    | 91.9                            | 15 000 *                             | 40.5                    | 99.7                            | 13 600                               | 60.0                           |
| 62.0                           |                         |                                 |                                      |                         |                                 |                                      | 17.3                    | 86.6                            | 14 000 *                             | 36.1                    | 97.1                            | 12 900                               | 62.0                           |
| 64.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 31.2                    | 94.0                            | 12 300                               | 64.0                           |
| 66.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 25.4                    | 90.2                            | 11 700                               | 66.0                           |
| 68.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 17.9                    | 85.1                            | 11 200                               | 68.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

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



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 27.4                           | 70.8                    | 122.2                           | 35 600 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 27.4                           |
| 28.0                           | 70.1                    | 122.0                           | 35 300 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 28.0                           |
| 30.0                           | 67.6                    | 121.2                           | 34 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.0                           |
| 32.0                           | 65.0                    | 120.3                           | 33 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 62.4                    | 119.3                           | 30 100 *                             | 67.4                    | 120.6                           | 33 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 59.7                    | 118.2                           | 27 100 *                             | 64.8                    | 119.6                           | 32 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 56.9                    | 116.9                           | 24 500 *                             | 62.1                    | 118.6                           | 29 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 54.0                    | 115.5                           | 22 300 *                             | 59.4                    | 117.5                           | 26 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 51.1                    | 114.0                           | 20 400 *                             | 56.7                    | 116.2                           | 24 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 42.0                           |
| 44.0                           | 48.0                    | 112.2                           | 18 800 *                             | 53.8                    | 114.8                           | 22 200 *                             |                         |                                 |                                      |                         |                                 |                                      | 44.0                           |
| 46.0                           | 44.7                    | 110.3                           | 17 400 *                             | 50.8                    | 113.2                           | 20 300 *                             | 59.8                    | 116.2                           | 21 900                               |                         |                                 |                                      | 46.0                           |
| 48.0                           | 41.2                    | 108.1                           | 16 000 *                             | 47.7                    | 111.5                           | 18 700 *                             | 57.1                    | 115.0                           | 20 700                               |                         |                                 |                                      | 48.0                           |
| 50.0                           | 37.5                    | 105.6                           | 14 900 *                             | 44.4                    | 109.5                           | 17 200 *                             | 54.2                    | 113.6                           | 19 600                               |                         |                                 |                                      | 50.0                           |
| 52.0                           | 33.4                    | 102.8                           | 13 800 *                             | 40.9                    | 107.3                           | 15 900 *                             | 51.2                    | 112.0                           | 18 600                               |                         |                                 |                                      | 52.0                           |
| 54.0                           | 28.7                    | 99.4                            | 12 900 *                             | 37.1                    | 104.8                           | 14 800 *                             | 48.1                    | 110.3                           | 17 700                               |                         |                                 |                                      | 54.0                           |
| 56.0                           | 23.3                    | 95.2                            | 12 000 *                             | 33.0                    | 101.9                           | 13 700 *                             | 44.8                    | 108.4                           | 16 800                               | 54.4                    | 111.7                           | 14 400                               | 56.0                           |
| 58.0                           | 16.1                    | 89.5                            | 11 200 *                             | 28.3                    | 98.5                            | 12 800 *                             | 41.4                    | 106.2                           | 16 000                               | 51.4                    | 110.2                           | 13 700                               | 58.0                           |
| 60.0                           |                         |                                 |                                      | 22.7                    | 94.2                            | 12 000 *                             | 37.7                    | 103.7                           | 15 000 *                             | 48.3                    | 108.5                           | 13 000                               | 60.0                           |
| 62.0                           |                         |                                 |                                      | 15.3                    | 88.2                            | 11 200 *                             | 33.6                    | 100.9                           | 13 900 *                             | 45.1                    | 106.5                           | 12 400                               | 62.0                           |
| 64.0                           |                         |                                 |                                      |                         |                                 |                                      | 29.0                    | 97.6                            | 12 900 *                             | 41.6                    | 104.4                           | 11 800                               | 64.0                           |
| 66.0                           |                         |                                 |                                      |                         |                                 |                                      | 23.6                    | 93.4                            | 12 100 *                             | 37.9                    | 101.9                           | 11 300                               | 66.0                           |
| 68.0                           |                         |                                 |                                      |                         |                                 |                                      | 16.6                    | 87.8                            | 11 300 *                             | 33.9                    | 99.1                            | 10 800                               | 68.0                           |
| 70.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 29.3                    | 95.8                            | 10 300                               | 70.0                           |
| 72.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.0                    | 91.8                            | 9 800                                | 72.0                           |
| 74.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 17.1                    | 86.3                            | 9 400                                | 74.0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
 Boom No. 49A-44 With Heavy Lift Top  
 76 750 kg (2250) Crane Counterweight  
 or 75 750 kg (M-250) Crane Counterweight  
 27 220 kg Carbody Counterweight  
 24 950 kg Wheeled Counterweight  
 360 Degree Rating

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

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

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

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



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

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



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 30.5                           | 70.8                    | 130.8                           | 27 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 30.5                           |
| 32.0                           | 69.2                    | 130.3                           | 26 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 67.0                    | 129.5                           | 25 200 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 64.9                    | 128.5                           | 24 000 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 62.7                    | 127.5                           | 22 700 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 60.4                    | 126.4                           | 21 500 *                             | 64.7                    | 127.9                           | 23 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 58.1                    | 125.2                           | 20 200 *                             | 62.5                    | 126.9                           | 22 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 42.0                           |
| 44.0                           | 55.7                    | 123.9                           | 18 500 *                             | 60.2                    | 125.7                           | 21 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 44.0                           |
| 46.0                           | 53.3                    | 122.5                           | 16 900 *                             | 57.9                    | 124.5                           | 20 000 *                             |                         |                                 |                                      |                         |                                 |                                      | 46.0                           |
| 48.0                           | 50.7                    | 120.9                           | 15 600 *                             | 55.5                    | 123.2                           | 18 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 48.0                           |
| 50.0                           | 48.1                    | 119.1                           | 14 400 *                             | 53.0                    | 121.7                           | 16 800 *                             | 60.5                    | 124.5                           | 19 000                               |                         |                                 |                                      | 50.0                           |
| 52.0                           | 45.4                    | 117.2                           | 13 400 *                             | 50.5                    | 120.1                           | 15 500 *                             | 58.2                    | 123.3                           | 18 000                               |                         |                                 |                                      | 52.0                           |
| 54.0                           | 42.5                    | 115.1                           | 12 400 *                             | 47.9                    | 118.4                           | 14 400 *                             | 55.8                    | 122.0                           | 17 100                               |                         |                                 |                                      | 54.0                           |
| 56.0                           | 39.5                    | 112.8                           | 11 500 *                             | 45.1                    | 116.5                           | 13 300 *                             | 53.4                    | 120.5                           | 16 200                               |                         |                                 |                                      | 56.0                           |
| 58.0                           | 36.2                    | 110.2                           | 10 700 *                             | 42.2                    | 114.3                           | 12 300 *                             | 50.9                    | 118.9                           | 15 400                               |                         |                                 |                                      | 58.0                           |
| 60.0                           | 32.7                    | 107.2                           | 10 000 *                             | 39.2                    | 112.0                           | 11 500 *                             | 48.3                    | 117.2                           | 14 500 *                             | 56.0                    | 120.1                           | 12 400                               | 60.0                           |
| 62.0                           | 28.8                    | 103.8                           | 9 300 *                              | 35.9                    | 109.3                           | 10 700 *                             | 45.5                    | 115.3                           | 13 400 *                             | 53.6                    | 118.6                           | 11 800                               | 62.0                           |
| 64.0                           | 24.3                    | 99.7                            | 8 700 *                              | 32.4                    | 106.4                           | 9 900 *                              | 42.7                    | 113.2                           | 12 500 *                             | 51.0                    | 117.1                           | 11 200                               | 64.0                           |
| 66.0                           | 18.8                    | 94.6                            | 8 100 *                              | 28.4                    | 102.9                           | 9 300 *                              | 39.6                    | 110.9                           | 11 600 *                             | 48.4                    | 115.4                           | 10 700                               | 66.0                           |
| 68.0                           | 10.8                    | 86.8                            | 7 300 *                              | 23.8                    | 98.7                            | 8 600 *                              | 36.4                    | 108.3                           | 10 800 *                             | 45.7                    | 113.5                           | 10 200                               | 68.0                           |
| 70.0                           |                         |                                 |                                      | 18.2                    | 93.4                            | 8 100 *                              | 32.9                    | 105.4                           | 10 100 *                             | 42.9                    | 111.4                           | 9 700                                | 70.0                           |
| 72.0                           |                         |                                 |                                      |                         |                                 |                                      | 29.0                    | 102.0                           | 9 300 *                              | 39.8                    | 109.1                           | 9 300                                | 72.0                           |
| 74.0                           |                         |                                 |                                      |                         |                                 |                                      | 24.5                    | 97.9                            | 8 700 *                              | 36.6                    | 106.5                           | 8 900                                | 74.0                           |
| 76.0                           |                         |                                 |                                      |                         |                                 |                                      | 19.1                    | 92.8                            | 8 100 *                              | 33.1                    | 103.6                           | 8 500                                | 76.0                           |
| 78.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 29.3                    | 100.3                           | 8 100                                | 78.0                           |
| 80.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 24.8                    | 96.3                            | 7 800                                | 80.0                           |
| 82.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 19.5                    | 91.3                            | 7 400                                | 82.0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On  
Boom No. 49A-44 With Heavy Lift Top  
76 750 kg (2250) Crane Counterweight  
or 75 750 kg (M-250) Crane Counterweight  
27 220 kg Carbody Counterweight  
24 950 kg Wheeled Counterweight  
360 Degree Rating

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

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

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

| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                      | 80 Degree<br>Boom Angle |                                 |                                      | 75 Degree<br>Boom Angle |                                 |                                      | 70 Degree<br>Boom Angle |                                 |                                      | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|-------------------------|---------------------------------|--------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing Jib<br>Capacity<br>Kilograms |                                |
| 32.0                           | 70.3                    | 133.5                           | 24 400 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 32.0                           |
| 34.0                           | 68.3                    | 132.8                           | 23 300 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 34.0                           |
| 36.0                           | 66.2                    | 131.9                           | 22 100 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 36.0                           |
| 38.0                           | 64.1                    | 131.0                           | 20 900 *                             |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 38.0                           |
| 40.0                           | 62.0                    | 129.9                           | 19 700 *                             | 66.0                    | 131.2                           | 21 900 *                             |                         |                                 |                                      |                         |                                 |                                      | 40.0                           |
| 42.0                           | 59.9                    | 128.8                           | 18 600 *                             | 63.9                    | 130.3                           | 20 800 *                             |                         |                                 |                                      |                         |                                 |                                      | 42.0                           |
| 44.0                           | 57.6                    | 127.6                           | 17 400 *                             | 61.8                    | 129.2                           | 19 600 *                             |                         |                                 |                                      |                         |                                 |                                      | 44.0                           |
| 46.0                           | 55.4                    | 126.2                           | 16 300 *                             | 59.7                    | 128.1                           | 18 500 *                             |                         |                                 |                                      |                         |                                 |                                      | 46.0                           |
| 48.0                           | 53.1                    | 124.8                           | 15 300 *                             | 57.4                    | 126.9                           | 17 400 *                             |                         |                                 |                                      |                         |                                 |                                      | 48.0                           |
| 50.0                           | 50.7                    | 123.2                           | 14 200 *                             | 55.2                    | 125.5                           | 16 300 *                             |                         |                                 |                                      |                         |                                 |                                      | 50.0                           |
| 52.0                           | 48.2                    | 121.4                           | 13 100 *                             | 52.8                    | 124.0                           | 15 200 *                             | 60.0                    | 126.8                           | 17 700                               |                         |                                 |                                      | 52.0                           |
| 54.0                           | 45.6                    | 119.5                           | 12 200 *                             | 50.4                    | 122.4                           | 14 100 *                             | 57.8                    | 125.6                           | 16 800                               |                         |                                 |                                      | 54.0                           |
| 56.0                           | 42.9                    | 117.5                           | 11 300 *                             | 47.9                    | 120.7                           | 13 000 *                             | 55.5                    | 124.3                           | 16 000                               |                         |                                 |                                      | 56.0                           |
| 58.0                           | 40.0                    | 115.2                           | 10 500 *                             | 45.3                    | 118.8                           | 12 100 *                             | 53.2                    | 122.8                           | 15 200                               |                         |                                 |                                      | 58.0                           |
| 60.0                           | 37.0                    | 112.6                           | 9 700 *                              | 42.6                    | 116.7                           | 11 200 *                             | 50.8                    | 121.2                           | 14 300 *                             |                         |                                 |                                      | 60.0                           |
| 62.0                           | 33.7                    | 109.8                           | 9 000 *                              | 39.7                    | 114.4                           | 10 400 *                             | 48.3                    | 119.5                           | 13 200 *                             | 55.7                    | 122.4                           | 11 500                               | 62.0                           |
| 64.0                           | 30.1                    | 106.5                           | 8 400 *                              | 36.7                    | 111.8                           | 9 700 *                              | 45.7                    | 117.6                           | 12 200 *                             | 53.3                    | 121.0                           | 10 900                               | 64.0                           |
| 66.0                           | 26.0                    | 102.7                           | 7 800 *                              | 33.4                    | 108.9                           | 9 000 *                              | 43.0                    | 115.6                           | 11 300 *                             | 50.9                    | 119.4                           | 10 400                               | 66.0                           |
| 68.0                           | 21.3                    | 98.0                            | 7 300 *                              | 29.7                    | 105.6                           | 8 400 *                              | 40.1                    | 113.3                           | 10 500 *                             | 48.5                    | 117.7                           | 9 900                                | 68.0                           |
| 70.0                           | 15.1                    | 91.8                            | 6 800 *                              | 25.6                    | 101.7                           | 7 800 *                              | 37.1                    | 110.7                           | 9 800 *                              | 45.9                    | 115.8                           | 9 500                                | 70.0                           |
| 72.0                           |                         |                                 |                                      | 20.8                    | 97.0                            | 7 300 *                              | 33.8                    | 107.9                           | 9 100 *                              | 43.2                    | 113.7                           | 9 000                                | 72.0                           |
| 74.0                           |                         |                                 |                                      | 14.4                    | 90.5                            | 6 800 *                              | 30.3                    | 104.6                           | 8 500 *                              | 40.3                    | 111.5                           | 8 600                                | 74.0                           |
| 76.0                           |                         |                                 |                                      |                         |                                 |                                      | 26.2                    | 100.9                           | 7 900 *                              | 37.3                    | 108.9                           | 8 200                                | 76.0                           |
| 78.0                           |                         |                                 |                                      |                         |                                 |                                      | 21.5                    | 96.3                            | 7 400 *                              | 34.1                    | 106.1                           | 7 800                                | 78.0                           |
| 80.0                           |                         |                                 |                                      |                         |                                 |                                      | 15.5                    | 90.2                            | 6 800 *                              | 30.5                    | 102.9                           | 7 500                                | 80.0                           |
| 82.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 26.5                    | 99.2                            | 7 200                                | 82.0                           |
| 84.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 21.9                    | 94.6                            | 6 800                                | 84.0                           |
| 86.0                           |                         |                                 |                                      |                         |                                 |                                      |                         |                                 |                                      | 16.0                    | 88.7                            | 6 500                                | 86.0                           |