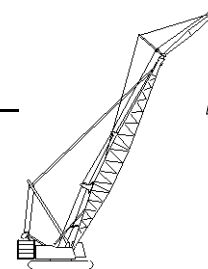




# Liftcrane Jib Capacities

**Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating**

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

**LIFTING CAPACITIES:** Chart supplements boom capacity chart **No. 8389-AM**. Lifting capacities for various boom lengths, jib lengths and 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 (\*).

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

**OPERATING CONDITIONS:** Machine to operate in a level position on a firm uniformly supporting surface with gantry up. Refer to boom rigging **No. 196151**, jib assembly **No. 176953** and Wire Rope Specification chart **No. 8391-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.

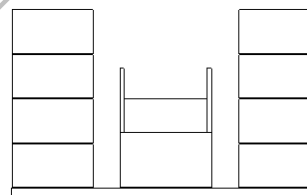
**MACHINE TRAVEL:** Machine to travel on a firm, level and uniformly supporting surface and boom within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8392-A**.

**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, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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

**MACHINE EQUIPMENT:** Machine equipped with 8 585 mm crawlers, 1 219 mm treads, 3 124 mm retractable gantry, 9 144 mm live mast, 20 part boom hoist reeving, four 35 mm boom pendants, 83 730 kg crane counterweight and two 9 980 kg carbody counterweights.

Maximum capacity on 26 mm wire rope is 13 380 kg per line (9 070 kg on 26 mm or 1 in. wire rope when auxiliary drum is used).



83 730 kg Crane Counterweight  
8 Side Boxes - 1 Center Box

### Auxiliary Drum Deduct

Deduct 410 kg from jib capacities when boom butt is equipped with auxiliary drum.

### Boom Catwalks Deduct

Deduct 300 kg from capacities when boom catwalks are attached.

### Maximum Boom And Jib Lengths Lifted Unassisted Without Auxiliary Drum In Boom Butt

| Over End Of<br>Blocked Crawlers |             | Over Side Of<br>Crawlers |             |
|---------------------------------|-------------|--------------------------|-------------|
| Boom Length                     | Jib No. 123 | Boom Length              | Jib No. 123 |
| (a) 88.4m                       | —           | (a) 79.2m                | —           |
| 85.3m                           | —           | 76.2m                    | —           |
| (b) 82.3m                       | 9.1m        | 73.2m                    | 15.2m       |
| 79.2m                           | 18.3m       | 70.1m                    | 18.3m       |

Load block, hook and weight ball on ground at start.  
(a) Upper boom point cannot be used on 88.4m boom or over side of crawlers on 79.2m boom.  
(b) When boom catwalks are attached, machine must be equipped with optional lowerworks jacking cylinders.

### Maximum Boom and Jib Lengths Lifted Unassisted With Auxiliary Drum In Boom Butt

| Over End Of<br>Blocked Crawlers |             | Over Side Of<br>Crawlers |             |
|---------------------------------|-------------|--------------------------|-------------|
| Boom Length                     | Jib No. 123 | Boom Length              | Jib No. 123 |
| (a) 85.3m                       | —           | 76.2m                    | —           |
| 82.3m                           | —           | 73.2m                    | 12.2m       |
| 79.2m                           | 15.2m       | 70.1m                    | 18.3m       |
| 76.2m                           | 18.3m       |                          |             |

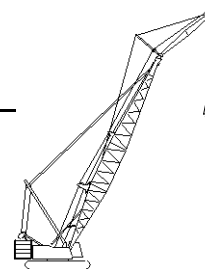
Load block, hook and weight ball on ground at start.  
(a) Upper boom point cannot be used on 85.3m boom.  
(b) When boom catwalks are attached, 15.2m jib on 79.2m boom cannot be raised.



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 9.1m (30 Ft.) JIB

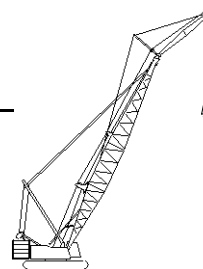
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 27.4m (90 Ft.) BOOM            |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 9.1                            | 78.7                 | 39.3                            | 18 100*                      |                      |                                 |                              |                      |                                 |                              | 9.1                            |
| 10.0                           | 77.4                 | 39.1                            | 18 100*                      |                      |                                 |                              |                      |                                 |                              | 10.0                           |
| 12.0                           | 74.3                 | 38.6                            | 18 100*                      | 76.6                 | 38.5                            | 18 100*                      | 78.9                 | 38.1                            | 18 100*                      | 12.0                           |
| 14.0                           | 71.1                 | 38.0                            | 18 100*                      | 73.4                 | 37.8                            | 18 100*                      | 75.6                 | 37.4                            | 18 100*                      | 14.0                           |
| 16.0                           | 67.8                 | 37.2                            | 18 100*                      | 70.1                 | 37.1                            | 18 100*                      | 72.3                 | 36.7                            | 18 100*                      | 16.0                           |
| 18.0                           | 64.5                 | 36.3                            | 18 100*                      | 66.7                 | 36.1                            | 18 100*                      | 68.9                 | 35.7                            | 18 100*                      | 18.0                           |
| 20.0                           | 61.0                 | 35.2                            | 18 100*                      | 63.3                 | 35.1                            | 18 100*                      | 65.4                 | 34.7                            | 18 100*                      | 20.0                           |
| 22.0                           | 57.5                 | 34.0                            | 18 100*                      | 59.7                 | 33.9                            | 18 100*                      | 61.8                 | 33.4                            | 18 100*                      | 22.0                           |
| 24.0                           | 53.7                 | 32.6                            | 18 100*                      | 56.0                 | 32.5                            | 18 100*                      | 58.0                 | 32.0                            | 17 500*                      | 24.0                           |
| 26.0                           | 49.8                 | 31.1                            | 18 100*                      | 52.1                 | 30.9                            | 18 100*                      | 54.0                 | 30.4                            | 16 500*                      | 26.0                           |
| 28.0                           | 45.7                 | 29.2                            | 18 100*                      | 47.9                 | 29.0                            | 18 000*                      | 49.8                 | 28.5                            | 15 800*                      | 28.0                           |
| 32.0                           | 36.3                 | 24.5                            | 18 100*                      | 38.4                 | 24.3                            | 16 400*                      | 40.1                 | 23.7                            | 14 500*                      | 32.0                           |
| 36.0                           | 24.1                 | 17.6                            | 16 000*                      |                      |                                 |                              |                      |                                 |                              | 36.0                           |
| 30.5m (100 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 9.1                            | 79.6                 | 42.4                            | 18 100*                      |                      |                                 |                              |                      |                                 |                              | 9.1                            |
| 10.0                           | 78.4                 | 42.3                            | 18 100*                      |                      |                                 |                              |                      |                                 |                              | 10.0                           |
| 12.0                           | 75.5                 | 41.8                            | 18 100*                      | 77.6                 | 41.6                            | 18 100*                      |                      |                                 |                              | 12.0                           |
| 14.0                           | 72.5                 | 41.2                            | 18 100*                      | 74.7                 | 41.0                            | 18 100*                      | 76.8                 | 40.7                            | 18 100*                      | 14.0                           |
| 16.0                           | 69.5                 | 40.5                            | 18 100*                      | 71.7                 | 40.3                            | 18 100*                      | 73.7                 | 39.9                            | 18 100*                      | 16.0                           |
| 18.0                           | 66.5                 | 39.7                            | 18 100*                      | 68.6                 | 39.5                            | 18 100*                      | 70.6                 | 39.1                            | 18 100*                      | 18.0                           |
| 20.0                           | 63.4                 | 38.7                            | 18 100*                      | 65.5                 | 38.5                            | 18 100*                      | 67.5                 | 38.1                            | 18 100*                      | 20.0                           |
| 22.0                           | 60.2                 | 37.6                            | 18 100*                      | 62.3                 | 37.5                            | 18 100*                      | 64.2                 | 37.0                            | 18 100*                      | 22.0                           |
| 24.0                           | 56.8                 | 36.4                            | 18 100*                      | 58.9                 | 36.2                            | 18 100*                      | 60.8                 | 35.8                            | 18 000*                      | 24.0                           |
| 26.0                           | 53.4                 | 35.0                            | 18 100*                      | 55.5                 | 34.8                            | 18 100*                      | 57.3                 | 34.3                            | 17 300*                      | 26.0                           |
| 28.0                           | 49.8                 | 33.4                            | 18 100*                      | 51.8                 | 33.2                            | 18 100*                      | 53.6                 | 32.7                            | 16 500*                      | 28.0                           |
| 32.0                           | 41.9                 | 29.4                            | 18 100*                      | 43.9                 | 29.2                            | 17 400*                      | 45.5                 | 28.6                            | 15 100*                      | 32.0                           |
| 36.0                           | 32.5                 | 24.1                            | 16 500                       | 34.3                 | 23.8                            | 15 800*                      |                      |                                 |                              | 36.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 9.1m (30 Ft.) JIB

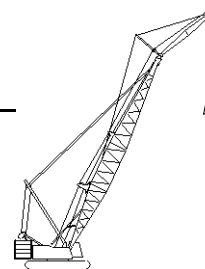
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 33.5m (110 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 9.1                            | 80.3                 | 45.5                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 9.1                            |
| 10.0                           | 79.2                 | 45.4                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 10.0                           |
| 12.0                           | 76.5                 | 44.9                            | 18 100 *                     | 78.5                 | 44.8                            | 18 100 *                     |                      |                                 |                              | 12.0                           |
| 14.0                           | 73.8                 | 44.4                            | 18 100 *                     | 75.8                 | 44.2                            | 18 100 *                     | 77.7                 | 43.8                            | 18 100 *                     | 14.0                           |
| 16.0                           | 71.0                 | 43.7                            | 18 100 *                     | 73.0                 | 43.6                            | 18 100 *                     | 74.9                 | 43.2                            | 18 100 *                     | 16.0                           |
| 18.0                           | 68.2                 | 43.0                            | 18 100 *                     | 70.2                 | 42.8                            | 18 100 *                     | 72.1                 | 42.4                            | 18 100 *                     | 18.0                           |
| 20.0                           | 65.4                 | 42.1                            | 18 100 *                     | 67.3                 | 41.9                            | 18 100 *                     | 69.2                 | 41.5                            | 18 100 *                     | 20.0                           |
| 22.0                           | 62.4                 | 41.1                            | 18 100 *                     | 64.4                 | 40.9                            | 18 100 *                     | 66.2                 | 40.5                            | 18 100 *                     | 22.0                           |
| 24.0                           | 59.4                 | 40.0                            | 18 100 *                     | 61.4                 | 39.8                            | 18 100 *                     | 63.2                 | 39.4                            | 18 100 *                     | 24.0                           |
| 26.0                           | 56.3                 | 38.7                            | 18 100 *                     | 58.3                 | 38.5                            | 18 100 *                     | 60.0                 | 38.1                            | 18 000 *                     | 26.0                           |
| 28.0                           | 53.1                 | 37.3                            | 18 100 *                     | 55.0                 | 37.1                            | 18 100 *                     | 56.7                 | 36.6                            | 17 100 *                     | 28.0                           |
| 32.0                           | 46.2                 | 33.8                            | 18 100 *                     | 48.1                 | 33.6                            | 18 100 *                     | 49.7                 | 33.1                            | 15 700 *                     | 32.0                           |
| 36.0                           | 38.3                 | 29.4                            | 16 200                       | 40.1                 | 29.1                            | 16 400                       | 41.6                 | 28.5                            | 14 600 *                     | 36.0                           |
| 40.0                           | 28.7                 | 23.2                            | 13 900                       | 30.4                 | 22.9                            | 13 900                       |                      |                                 |                              | 40.0                           |
| 36.6m (120 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 9.1                            | 81.0                 | 48.6                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 9.1                            |
| 10.0                           | 79.9                 | 48.5                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 10.0                           |
| 12.0                           | 77.4                 | 48.1                            | 18 100 *                     | 79.3                 | 47.9                            | 18 100 *                     |                      |                                 |                              | 12.0                           |
| 14.0                           | 74.9                 | 47.5                            | 18 100 *                     | 76.7                 | 47.4                            | 18 100 *                     | 78.6                 | 47.0                            | 18 100 *                     | 14.0                           |
| 16.0                           | 72.3                 | 46.9                            | 18 100 *                     | 74.2                 | 46.8                            | 18 100 *                     | 76.0                 | 46.4                            | 18 100 *                     | 16.0                           |
| 18.0                           | 69.7                 | 46.2                            | 18 100 *                     | 71.6                 | 46.1                            | 18 100 *                     | 73.3                 | 45.7                            | 18 100 *                     | 18.0                           |
| 20.0                           | 67.1                 | 45.4                            | 18 100 *                     | 68.9                 | 45.3                            | 18 100 *                     | 70.7                 | 44.9                            | 18 100 *                     | 20.0                           |
| 22.0                           | 64.4                 | 44.5                            | 18 100 *                     | 66.2                 | 44.4                            | 18 100 *                     | 67.9                 | 43.9                            | 18 100 *                     | 22.0                           |
| 24.0                           | 61.6                 | 43.5                            | 18 100 *                     | 63.4                 | 43.3                            | 18 100 *                     | 65.1                 | 42.9                            | 18 100 *                     | 24.0                           |
| 26.0                           | 58.8                 | 42.3                            | 18 100 *                     | 60.6                 | 42.2                            | 18 100 *                     | 62.3                 | 41.7                            | 18 100 *                     | 26.0                           |
| 28.0                           | 55.9                 | 41.0                            | 18 100 *                     | 57.7                 | 40.8                            | 18 100 *                     | 59.3                 | 40.4                            | 17 800 *                     | 28.0                           |
| 32.0                           | 49.7                 | 38.0                            | 18 100 *                     | 51.5                 | 37.8                            | 18 100 *                     | 53.0                 | 37.3                            | 16 300 *                     | 32.0                           |
| 36.0                           | 42.9                 | 34.1                            | 16 000                       | 44.6                 | 33.9                            | 16 200                       | 46.0                 | 33.3                            | 15 200 *                     | 36.0                           |
| 40.0                           | 35.0                 | 29.1                            | 13 700                       | 36.7                 | 28.8                            | 13 800                       |                      |                                 |                              | 40.0                           |
| 44.0                           | 25.1                 | 22.1                            | 11 700                       |                      |                                 |                              |                      |                                 |                              | 44.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 9.1m (30 Ft.) JIB

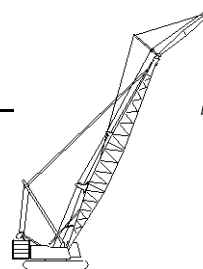
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 39.6m (130 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 10.7                           | 79.7                 | 51.4                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 10.7                           |
| 12.0                           | 78.2                 | 51.2                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 12.0                           |
| 14.0                           | 75.8                 | 50.7                            | 18 100 *                     | 77.6                 | 50.5                            | 18 100*                      | 79.3                 | 50.1                            | 18 100*                      | 14.0                           |
| 16.0                           | 73.4                 | 50.1                            | 18 100 *                     | 75.2                 | 50.0                            | 18 100*                      | 76.9                 | 49.6                            | 18 100*                      | 16.0                           |
| 18.0                           | 71.0                 | 49.5                            | 18 100 *                     | 72.8                 | 49.3                            | 18 100*                      | 74.4                 | 48.9                            | 18 100*                      | 18.0                           |
| 20.0                           | 68.5                 | 48.7                            | 18 100 *                     | 70.3                 | 48.6                            | 18 100*                      | 71.9                 | 48.2                            | 18 100*                      | 20.0                           |
| 22.0                           | 66.0                 | 47.9                            | 18 100 *                     | 67.8                 | 47.7                            | 18 100*                      | 69.4                 | 47.3                            | 18 100*                      | 22.0                           |
| 24.0                           | 63.5                 | 46.9                            | 18 100 *                     | 65.2                 | 46.8                            | 18 100*                      | 66.8                 | 46.3                            | 18 100*                      | 24.0                           |
| 26.0                           | 60.9                 | 45.9                            | 18 100 *                     | 62.6                 | 45.7                            | 18 100*                      | 64.2                 | 45.2                            | 18 100*                      | 26.0                           |
| 28.0                           | 58.2                 | 44.7                            | 18 100 *                     | 59.9                 | 44.5                            | 18 100*                      | 61.5                 | 44.0                            | 18 100*                      | 28.0                           |
| 32.0                           | 52.6                 | 41.9                            | 18 100 *                     | 54.3                 | 41.7                            | 18 100*                      | 55.8                 | 41.2                            | 16 900*                      | 32.0                           |
| 36.0                           | 46.5                 | 38.4                            | 15 900                       | 48.2                 | 38.2                            | 16 100                       | 49.6                 | 37.7                            | 15 700*                      | 36.0                           |
| 40.0                           | 39.8                 | 34.1                            | 13 500                       | 41.4                 | 33.9                            | 13 700                       | 42.6                 | 33.3                            | 13 800                       | 40.0                           |
| 44.0                           | 31.8                 | 28.5                            | 11 600                       | 33.4                 | 28.2                            | 11 700                       |                      |                                 |                              | 44.0                           |
| 48.0                           | 21.4                 | 20.4                            | 10 000                       |                      |                                 |                              |                      |                                 |                              | 48.0                           |
| 42.7m (140 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 10.7                           | 80.3                 | 54.5                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 10.7                           |
| 12.0                           | 78.9                 | 54.3                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 12.0                           |
| 14.0                           | 76.6                 | 53.8                            | 18 100 *                     | 78.3                 | 53.7                            | 18 100*                      | 79.9                 | 53.3                            | 18 100*                      | 14.0                           |
| 16.0                           | 74.4                 | 53.3                            | 18 100 *                     | 76.1                 | 53.2                            | 18 100*                      | 77.7                 | 52.8                            | 18 100*                      | 16.0                           |
| 18.0                           | 72.1                 | 52.7                            | 18 100 *                     | 73.8                 | 52.5                            | 18 100*                      | 75.4                 | 52.1                            | 18 100*                      | 18.0                           |
| 20.0                           | 69.8                 | 52.0                            | 18 100 *                     | 71.5                 | 51.8                            | 18 100*                      | 73.0                 | 51.4                            | 18 100*                      | 20.0                           |
| 22.0                           | 67.5                 | 51.2                            | 18 100 *                     | 69.1                 | 51.0                            | 18 100*                      | 70.7                 | 50.6                            | 18 100*                      | 22.0                           |
| 24.0                           | 65.1                 | 50.3                            | 18 100 *                     | 66.8                 | 50.2                            | 18 100*                      | 68.3                 | 49.7                            | 18 100*                      | 24.0                           |
| 26.0                           | 62.7                 | 49.3                            | 18 100 *                     | 64.3                 | 49.2                            | 18 100*                      | 65.8                 | 48.7                            | 18 100*                      | 26.0                           |
| 28.0                           | 60.2                 | 48.2                            | 18 100 *                     | 61.9                 | 48.1                            | 18 100*                      | 63.3                 | 47.6                            | 18 100*                      | 28.0                           |
| 32.0                           | 55.1                 | 45.7                            | 18 100 *                     | 56.7                 | 45.5                            | 18 100*                      | 58.1                 | 45.0                            | 17 500*                      | 32.0                           |
| 36.0                           | 49.6                 | 42.6                            | 15 700                       | 51.2                 | 42.4                            | 15 900                       | 52.5                 | 41.8                            | 16 000                       | 36.0                           |
| 40.0                           | 43.6                 | 38.7                            | 13 400                       | 45.1                 | 38.5                            | 13 500                       | 46.4                 | 37.9                            | 13 600                       | 40.0                           |
| 44.0                           | 36.8                 | 34.0                            | 11 400                       | 38.3                 | 33.7                            | 11 600                       | 39.5                 | 33.0                            | 11 600                       | 44.0                           |
| 48.0                           | 28.8                 | 27.7                            | 9 900                        | 30.2                 | 27.4                            | 10 000                       |                      |                                 |                              | 48.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 9.1m (30 Ft.) JIB

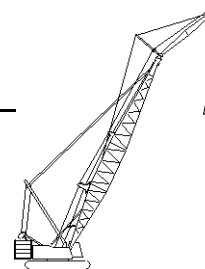
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 45.7m (150 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 10.7                           | 80.9                 | 57.6                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 10.7                           |
| 12.0                           | 79.5                 | 57.4                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 12.0                           |
| 14.0                           | 77.4                 | 57.0                            | 18 100 *                     | 79.0                 | 56.8                            | 18 100 *                     | 80.5                 | 56.4                            | 18 100 *                     | 14.0                           |
| 16.0                           | 75.3                 | 56.5                            | 18 100 *                     | 76.8                 | 56.3                            | 18 100 *                     | 78.4                 | 55.9                            | 18 100 *                     | 16.0                           |
| 18.0                           | 73.1                 | 55.9                            | 18 100 *                     | 74.7                 | 55.7                            | 18 100 *                     | 76.2                 | 55.3                            | 18 100 *                     | 18.0                           |
| 20.0                           | 71.0                 | 55.2                            | 18 100 *                     | 72.5                 | 55.1                            | 18 100 *                     | 74.0                 | 54.7                            | 18 100 *                     | 20.0                           |
| 22.0                           | 68.8                 | 54.5                            | 18 100 *                     | 70.3                 | 54.3                            | 18 100 *                     | 71.8                 | 53.9                            | 18 100 *                     | 22.0                           |
| 24.0                           | 66.6                 | 53.7                            | 18 100 *                     | 68.1                 | 53.5                            | 18 100 *                     | 69.6                 | 53.1                            | 18 100 *                     | 24.0                           |
| 26.0                           | 64.3                 | 52.7                            | 18 100 *                     | 65.9                 | 52.6                            | 18 100 *                     | 67.3                 | 52.1                            | 18 100 *                     | 26.0                           |
| 28.0                           | 62.0                 | 51.7                            | 18 100 *                     | 63.5                 | 51.5                            | 18 100 *                     | 65.0                 | 51.1                            | 18 100 *                     | 28.0                           |
| 32.0                           | 57.3                 | 49.4                            | 18 100 *                     | 58.8                 | 49.2                            | 18 100 *                     | 60.1                 | 48.7                            | 18 000 *                     | 32.0                           |
| 36.0                           | 52.2                 | 46.5                            | 15 400                       | 53.7                 | 46.3                            | 15 700                       | 55.0                 | 45.8                            | 15 900                       | 36.0                           |
| 40.0                           | 46.8                 | 43.0                            | 13 100                       | 48.3                 | 42.8                            | 13 300                       | 49.5                 | 42.3                            | 13 400                       | 40.0                           |
| 44.0                           | 40.9                 | 38.8                            | 11 200                       | 42.3                 | 38.6                            | 11 300                       | 43.4                 | 38.0                            | 11 400                       | 44.0                           |
| 48.0                           | 34.1                 | 33.6                            | 9 600                        | 35.4                 | 33.3                            | 9 700                        |                      |                                 |                              | 48.0                           |
| 52.0                           | 25.8                 | 26.5                            | 8 300                        |                      |                                 |                              |                      |                                 |                              | 52.0                           |
| 48.8m (160 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 12.2                           | 79.8                 | 60.5                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 12.2                           |
| 14.0                           | 78.0                 | 60.1                            | 18 100 *                     | 79.5                 | 59.9                            | 18 100 *                     |                      |                                 |                              | 14.0                           |
| 16.0                           | 76.1                 | 59.6                            | 18 100 *                     | 77.5                 | 59.5                            | 18 100 *                     | 79.0                 | 59.1                            | 18 100 *                     | 16.0                           |
| 18.0                           | 74.0                 | 59.1                            | 18 100 *                     | 75.5                 | 58.9                            | 18 100 *                     | 77.0                 | 58.5                            | 18 100 *                     | 18.0                           |
| 20.0                           | 72.0                 | 58.5                            | 18 100 *                     | 73.5                 | 58.3                            | 18 100 *                     | 74.9                 | 57.9                            | 18 100 *                     | 20.0                           |
| 22.0                           | 69.9                 | 57.8                            | 18 100 *                     | 71.4                 | 57.6                            | 18 100 *                     | 72.8                 | 57.2                            | 18 100 *                     | 22.0                           |
| 24.0                           | 67.9                 | 57.0                            | 18 100 *                     | 69.3                 | 56.8                            | 18 100 *                     | 70.7                 | 56.4                            | 18 100 *                     | 24.0                           |
| 26.0                           | 65.7                 | 56.1                            | 18 100 *                     | 67.2                 | 55.9                            | 18 100 *                     | 68.6                 | 55.5                            | 18 100 *                     | 26.0                           |
| 28.0                           | 63.6                 | 55.2                            | 18 100 *                     | 65.0                 | 55.0                            | 18 100 *                     | 66.4                 | 54.5                            | 18 100 *                     | 28.0                           |
| 32.0                           | 59.1                 | 52.9                            | 18 100 *                     | 60.6                 | 52.8                            | 18 100 *                     | 61.9                 | 52.3                            | 18 100 *                     | 32.0                           |
| 36.0                           | 54.5                 | 50.3                            | 15 200                       | 55.9                 | 50.1                            | 15 400                       | 57.2                 | 49.6                            | 15 600                       | 36.0                           |
| 40.0                           | 49.5                 | 47.2                            | 12 900                       | 50.9                 | 46.9                            | 13 000                       | 52.1                 | 46.4                            | 13 200                       | 40.0                           |
| 44.0                           | 44.2                 | 43.4                            | 11 000                       | 45.6                 | 43.1                            | 11 100                       | 46.7                 | 42.6                            | 11 200                       | 44.0                           |
| 48.0                           | 38.3                 | 38.8                            | 9 400                        | 39.6                 | 38.5                            | 9 500                        | 40.6                 | 37.9                            | 9 600                        | 48.0                           |
| 52.0                           | 31.4                 | 33.0                            | 8 100                        | 32.7                 | 32.7                            | 8 100                        |                      |                                 |                              | 52.0                           |
| 56.0                           | 22.8                 | 25.0                            | 6 900                        |                      |                                 |                              |                      |                                 |                              | 56.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 9.1m (30 Ft.) JIB

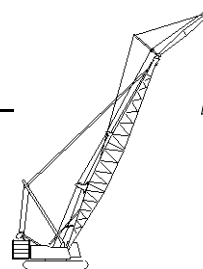
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 51.8m (170 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 12.2                           | 80.3                 | 63.6                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 12.2                           |
| 14.0                           | 78.6                 | 63.2                            | 18 100 *                     | 80.1                 | 63.1                            | 18 100 *                     |                      |                                 |                              | 14.0                           |
| 16.0                           | 76.8                 | 62.8                            | 18 100 *                     | 78.2                 | 62.6                            | 18 100 *                     | 79.5                 | 62.2                            | 18 100 *                     | 16.0                           |
| 18.0                           | 74.8                 | 62.3                            | 18 100 *                     | 76.3                 | 62.1                            | 18 100 *                     | 77.6                 | 61.7                            | 18 100 *                     | 18.0                           |
| 20.0                           | 72.9                 | 61.7                            | 18 100 *                     | 74.3                 | 61.5                            | 18 100 *                     | 75.7                 | 61.1                            | 18 100 *                     | 20.0                           |
| 22.0                           | 71.0                 | 61.0                            | 18 100 *                     | 72.4                 | 60.8                            | 18 100 *                     | 73.7                 | 60.4                            | 18 100 *                     | 22.0                           |
| 24.0                           | 69.0                 | 60.3                            | 18 100 *                     | 70.4                 | 60.1                            | 18 100 *                     | 71.7                 | 59.7                            | 18 100 *                     | 24.0                           |
| 26.0                           | 67.0                 | 59.4                            | 18 100 *                     | 68.4                 | 59.3                            | 18 100 *                     | 69.7                 | 58.8                            | 18 100 *                     | 26.0                           |
| 28.0                           | 65.0                 | 58.5                            | 18 100 *                     | 66.4                 | 58.4                            | 18 100 *                     | 67.7                 | 57.9                            | 18 100 *                     | 28.0                           |
| 32.0                           | 60.8                 | 56.5                            | 18 000                       | 62.2                 | 56.3                            | 18 100 *                     | 63.4                 | 55.8                            | 18 100 *                     | 32.0                           |
| 36.0                           | 56.5                 | 54.0                            | 15 100                       | 57.8                 | 53.8                            | 15 300                       | 59.0                 | 53.3                            | 15 500                       | 36.0                           |
| 40.0                           | 51.9                 | 51.1                            | 12 700                       | 53.2                 | 50.9                            | 12 900                       | 54.4                 | 50.4                            | 13 100                       | 40.0                           |
| 44.0                           | 47.0                 | 47.7                            | 10 800                       | 48.3                 | 47.4                            | 11 000                       | 49.5                 | 46.9                            | 11 100                       | 44.0                           |
| 48.0                           | 41.7                 | 43.5                            | 9 200                        | 43.0                 | 43.3                            | 9 400                        | 44.0                 | 42.7                            | 9 500                        | 48.0                           |
| 52.0                           | 35.8                 | 38.5                            | 7 900                        | 37.0                 | 38.2                            | 8 000                        |                      |                                 |                              | 52.0                           |
| 56.0                           | 28.8                 | 32.1                            | 6 800                        | 30.0                 | 31.8                            | 6 900                        |                      |                                 |                              | 56.0                           |
| 60.0                           | 19.7                 | 23.1                            | 5 800                        |                      |                                 |                              |                      |                                 |                              | 60.0                           |
| 54.9m (180 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 12.2                           | 80.8                 | 66.6                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 12.2                           |
| 14.0                           | 79.2                 | 66.3                            | 18 100 *                     | 80.5                 | 66.2                            | 18 100 *                     |                      |                                 |                              | 14.0                           |
| 16.0                           | 77.4                 | 65.9                            | 18 100 *                     | 78.7                 | 65.7                            | 18 100 *                     | 80.0                 | 65.3                            | 18 100 *                     | 16.0                           |
| 18.0                           | 75.6                 | 65.4                            | 18 100 *                     | 76.9                 | 65.2                            | 18 100 *                     | 78.2                 | 64.8                            | 18 100 *                     | 18.0                           |
| 20.0                           | 73.7                 | 64.8                            | 18 100 *                     | 75.1                 | 64.7                            | 18 100 *                     | 76.4                 | 64.3                            | 18 100 *                     | 20.0                           |
| 22.0                           | 71.9                 | 64.2                            | 18 100 *                     | 73.2                 | 64.1                            | 18 100 *                     | 74.5                 | 63.6                            | 18 100 *                     | 22.0                           |
| 24.0                           | 70.0                 | 63.5                            | 18 100 *                     | 71.4                 | 63.4                            | 18 100 *                     | 72.6                 | 62.9                            | 18 100 *                     | 24.0                           |
| 26.0                           | 68.1                 | 62.7                            | 18 100 *                     | 69.5                 | 62.6                            | 18 100 *                     | 70.7                 | 62.1                            | 18 100 *                     | 26.0                           |
| 28.0                           | 66.2                 | 61.9                            | 18 100 *                     | 67.6                 | 61.7                            | 18 100 *                     | 68.8                 | 61.3                            | 18 100 *                     | 28.0                           |
| 32.0                           | 62.3                 | 59.9                            | 17 800                       | 63.6                 | 59.8                            | 18 100 *                     | 64.8                 | 59.3                            | 18 100 *                     | 32.0                           |
| 36.0                           | 58.2                 | 57.6                            | 14 900                       | 59.5                 | 57.5                            | 15 100                       | 60.7                 | 57.0                            | 15 300                       | 36.0                           |
| 40.0                           | 54.0                 | 54.9                            | 12 500                       | 55.3                 | 54.7                            | 12 700                       | 56.4                 | 54.2                            | 12 900                       | 40.0                           |
| 44.0                           | 49.5                 | 51.8                            | 10 600                       | 50.8                 | 51.5                            | 10 700                       | 51.8                 | 51.0                            | 10 900                       | 44.0                           |
| 48.0                           | 44.7                 | 48.0                            | 9 000                        | 45.9                 | 47.8                            | 9 200                        | 46.9                 | 47.2                            | 9 300                        | 48.0                           |
| 52.0                           | 39.4                 | 43.5                            | 7 700                        | 40.6                 | 43.3                            | 7 800                        | 41.5                 | 42.6                            | 7 900                        | 52.0                           |
| 56.0                           | 33.4                 | 38.0                            | 6 600                        | 34.6                 | 37.8                            | 6 700                        |                      |                                 |                              | 56.0                           |
| 60.0                           | 26.3                 | 31.0                            | 5 600                        |                      |                                 |                              |                      |                                 |                              | 60.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 9.1m (30 Ft.) JIB

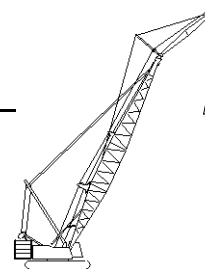
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 57.9m (190 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 13.7                           | 79.9                 | 69.5                            | 18 100*                      |                      |                                 |                              |                      |                                 |                              | 13.7                           |
| 14.0                           | 79.7                 | 69.4                            | 18 100*                      |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 78.0                 | 69.0                            | 18 100*                      | 79.3                 | 68.9                            | 18 100*                      |                      |                                 |                              | 16.0                           |
| 18.0                           | 76.2                 | 68.6                            | 18 100*                      | 77.5                 | 68.4                            | 18 100*                      | 78.8                 | 68.0                            | 18 100*                      | 18.0                           |
| 20.0                           | 74.5                 | 68.0                            | 18 100*                      | 75.8                 | 67.9                            | 18 100*                      | 77.0                 | 67.4                            | 18 100*                      | 20.0                           |
| 22.0                           | 72.7                 | 67.4                            | 18 100*                      | 74.0                 | 67.3                            | 18 100*                      | 75.2                 | 66.8                            | 18 100*                      | 22.0                           |
| 24.0                           | 71.0                 | 66.8                            | 18 100*                      | 72.2                 | 66.6                            | 18 100*                      | 73.4                 | 66.2                            | 18 100*                      | 24.0                           |
| 26.0                           | 69.2                 | 66.0                            | 18 100*                      | 70.4                 | 65.9                            | 18 100*                      | 71.6                 | 65.4                            | 18 100*                      | 26.0                           |
| 28.0                           | 67.4                 | 65.2                            | 18 100*                      | 68.6                 | 65.0                            | 18 100*                      | 69.8                 | 64.6                            | 18 100*                      | 28.0                           |
| 32.0                           | 63.7                 | 63.4                            | 17 600                       | 64.9                 | 63.2                            | 17 900                       | 66.1                 | 62.7                            | 18 100*                      | 32.0                           |
| 36.0                           | 59.8                 | 61.2                            | 14 600                       | 61.1                 | 61.0                            | 14 800                       | 62.2                 | 60.6                            | 15 100                       | 36.0                           |
| 40.0                           | 55.8                 | 58.7                            | 12 200                       | 57.1                 | 58.5                            | 12 500                       | 58.2                 | 58.0                            | 12 700                       | 40.0                           |
| 44.0                           | 51.6                 | 55.7                            | 10 300                       | 52.9                 | 55.5                            | 10 500                       | 53.9                 | 55.0                            | 10 700                       | 44.0                           |
| 48.0                           | 47.2                 | 52.3                            | 8 700                        | 48.4                 | 52.0                            | 8 900                        | 49.4                 | 51.5                            | 9 100                        | 48.0                           |
| 52.0                           | 42.4                 | 48.2                            | 7 400                        | 43.6                 | 48.0                            | 7 600                        | 44.5                 | 47.4                            | 7 700                        | 52.0                           |
| 56.0                           | 37.1                 | 43.4                            | 6 300                        | 38.3                 | 43.1                            | 6 400                        | 39.1                 | 42.4                            | 6 500                        | 56.0                           |
| 60.0                           | 31.1                 | 37.4                            | 5 300                        | 32.2                 | 37.1                            | 5 400                        |                      |                                 |                              | 60.0                           |
| 64.0                           | 23.7                 | 29.6                            | 4 500                        |                      |                                 |                              |                      |                                 |                              | 64.0                           |
| 61.0m (200 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 13.7                           | 80.4                 | 72.6                            | 18 100*                      |                      |                                 |                              |                      |                                 |                              | 13.7                           |
| 14.0                           | 80.1                 | 72.5                            | 18 100*                      |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 78.5                 | 72.1                            | 18 100*                      | 79.7                 | 72.0                            | 18 100*                      |                      |                                 |                              | 16.0                           |
| 18.0                           | 76.8                 | 71.7                            | 18 100*                      | 78.1                 | 71.5                            | 18 100*                      | 79.3                 | 71.1                            | 18 100*                      | 18.0                           |
| 20.0                           | 75.2                 | 71.2                            | 18 100*                      | 76.4                 | 71.0                            | 18 100*                      | 77.6                 | 70.6                            | 18 100*                      | 20.0                           |
| 22.0                           | 73.5                 | 70.6                            | 18 100*                      | 74.7                 | 70.4                            | 18 100*                      | 75.9                 | 70.0                            | 18 100*                      | 22.0                           |
| 24.0                           | 71.8                 | 70.0                            | 18 100*                      | 73.0                 | 69.8                            | 18 100*                      | 74.2                 | 69.4                            | 18 100*                      | 24.0                           |
| 26.0                           | 70.1                 | 69.3                            | 18 100*                      | 71.3                 | 69.1                            | 18 100*                      | 72.5                 | 68.7                            | 18 100*                      | 26.0                           |
| 28.0                           | 68.4                 | 68.5                            | 18 100*                      | 69.6                 | 68.3                            | 18 100*                      | 70.7                 | 67.9                            | 18 100*                      | 28.0                           |
| 32.0                           | 64.9                 | 66.8                            | 17 400                       | 66.1                 | 66.6                            | 17 700                       | 67.2                 | 66.1                            | 18 000                       | 32.0                           |
| 36.0                           | 61.2                 | 64.7                            | 14 400                       | 62.4                 | 64.5                            | 14 600                       | 63.5                 | 64.1                            | 14 900                       | 36.0                           |
| 40.0                           | 57.5                 | 62.3                            | 12 000                       | 58.7                 | 62.1                            | 12 200                       | 59.7                 | 61.6                            | 12 400                       | 40.0                           |
| 44.0                           | 53.6                 | 59.6                            | 10 100                       | 54.7                 | 59.4                            | 10 300                       | 55.8                 | 58.8                            | 10 500                       | 44.0                           |
| 48.0                           | 49.4                 | 56.4                            | 8 500                        | 50.6                 | 56.1                            | 8 700                        | 51.6                 | 55.6                            | 8 900                        | 48.0                           |
| 52.0                           | 45.0                 | 52.6                            | 7 200                        | 46.2                 | 52.4                            | 7 400                        | 47.1                 | 51.8                            | 7 500                        | 52.0                           |
| 56.0                           | 40.3                 | 48.2                            | 6 100                        | 41.4                 | 48.0                            | 6 200                        | 42.3                 | 47.4                            | 6 300                        | 56.0                           |
| 60.0                           | 35.0                 | 43.0                            | 5 100                        | 36.0                 | 42.7                            | 5 200                        |                      |                                 |                              | 60.0                           |
| 64.0                           | 28.8                 | 36.5                            | 4 300                        | 29.9                 | 36.2                            | 4 400                        |                      |                                 |                              | 64.0                           |
| 68.0                           | 21.1                 | 27.9                            | 3 500                        |                      |                                 |                              |                      |                                 |                              | 68.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 9.1m (30 Ft.) JIB

| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 64.0m (210 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 13.7                           | 80.8                 | 75.7                            | 18 100*                      |                      |                                 |                              |                      |                                 |                              | 13.7                           |
| 14.0                           | 80.5                 | 75.6                            | 18 100*                      |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 79.0                 | 75.2                            | 18 100*                      | 80.1                 | 75.1                            | 18 100*                      |                      |                                 |                              | 16.0                           |
| 18.0                           | 77.4                 | 74.8                            | 18 100*                      | 78.6                 | 74.7                            | 18 100*                      | 79.7                 | 74.2                            | 18 100*                      | 18.0                           |
| 20.0                           | 75.8                 | 74.3                            | 18 100*                      | 77.0                 | 74.2                            | 18 100*                      | 78.1                 | 73.7                            | 18 100*                      | 20.0                           |
| 22.0                           | 74.2                 | 73.8                            | 18 100*                      | 75.4                 | 73.6                            | 18 100*                      | 76.5                 | 73.2                            | 18 100*                      | 22.0                           |
| 24.0                           | 72.6                 | 73.2                            | 18 100*                      | 73.8                 | 73.0                            | 18 100*                      | 74.9                 | 72.6                            | 18 100*                      | 24.0                           |
| 26.0                           | 71.0                 | 72.5                            | 18 100*                      | 72.1                 | 72.3                            | 18 100*                      | 73.2                 | 71.9                            | 18 100*                      | 26.0                           |
| 28.0                           | 69.3                 | 71.8                            | 18 100*                      | 70.5                 | 71.6                            | 18 100*                      | 71.6                 | 71.2                            | 18 100*                      | 28.0                           |
| 32.0                           | 66.0                 | 70.1                            | 17 200                       | 67.1                 | 69.9                            | 17 600                       | 68.2                 | 69.5                            | 17 900                       | 32.0                           |
| 36.0                           | 62.5                 | 68.2                            | 14 200                       | 63.7                 | 68.0                            | 14 500                       | 64.7                 | 67.5                            | 14 800                       | 36.0                           |
| 40.0                           | 59.0                 | 65.9                            | 11 800                       | 60.1                 | 65.7                            | 12 100                       | 61.1                 | 65.2                            | 12 300                       | 40.0                           |
| 44.0                           | 55.3                 | 63.3                            | 9 900                        | 56.4                 | 63.1                            | 10 200                       | 57.4                 | 62.6                            | 10 300                       | 44.0                           |
| 48.0                           | 51.4                 | 60.3                            | 8 300                        | 52.5                 | 60.1                            | 8 500                        | 53.5                 | 59.6                            | 8 700                        | 48.0                           |
| 52.0                           | 47.4                 | 56.9                            | 7 100                        | 48.5                 | 56.6                            | 7 200                        | 49.4                 | 56.1                            | 7 300                        | 52.0                           |
| 56.0                           | 43.0                 | 52.9                            | 5 900                        | 44.1                 | 52.6                            | 6 000                        | 44.9                 | 52.0                            | 6 200                        | 56.0                           |
| 60.0                           | 38.2                 | 48.2                            | 5 000                        | 39.3                 | 47.9                            | 5 100                        | 40.1                 | 47.2                            | 5 200                        | 60.0                           |
| 64.0                           | 32.9                 | 42.5                            | 4 100                        | 33.9                 | 42.2                            | 4 200                        |                      |                                 |                              | 64.0                           |
| 68.0                           | 26.6                 | 35.5                            | 3 400                        |                      |                                 |                              |                      |                                 |                              | 68.0                           |
| 67.1m (220 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 15.2                           | 80.0                 | 78.5                            | 18 100*                      |                      |                                 |                              |                      |                                 |                              | 15.2                           |
| 16.0                           | 79.4                 | 78.4                            | 18 100*                      |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 77.9                 | 77.9                            | 18 100*                      | 79.0                 | 77.8                            | 18 100*                      |                      |                                 |                              | 18.0                           |
| 20.0                           | 76.4                 | 77.5                            | 18 100*                      | 77.5                 | 77.3                            | 18 100*                      | 78.6                 | 76.9                            | 18 100*                      | 20.0                           |
| 22.0                           | 74.8                 | 77.0                            | 18 100*                      | 76.0                 | 76.8                            | 18 100*                      | 77.1                 | 76.4                            | 18 100*                      | 22.0                           |
| 24.0                           | 73.3                 | 76.4                            | 18 100*                      | 74.4                 | 76.2                            | 18 100*                      | 75.5                 | 75.8                            | 18 100*                      | 24.0                           |
| 26.0                           | 71.7                 | 75.7                            | 18 100*                      | 72.9                 | 75.6                            | 18 100*                      | 73.9                 | 75.1                            | 18 100*                      | 26.0                           |
| 28.0                           | 70.2                 | 75.0                            | 18 100*                      | 71.3                 | 74.9                            | 18 100*                      | 72.3                 | 74.4                            | 18 100*                      | 28.0                           |
| 32.0                           | 67.0                 | 73.5                            | 17 000                       | 68.1                 | 73.3                            | 17 300                       | 69.1                 | 72.8                            | 17 600                       | 32.0                           |
| 36.0                           | 63.7                 | 71.6                            | 14 000                       | 64.8                 | 71.4                            | 14 300                       | 65.8                 | 71.0                            | 14 500                       | 36.0                           |
| 40.0                           | 60.3                 | 69.5                            | 11 600                       | 61.4                 | 69.3                            | 11 900                       | 62.4                 | 68.8                            | 12 100                       | 40.0                           |
| 44.0                           | 56.8                 | 67.0                            | 9 700                        | 57.9                 | 66.8                            | 9 900                        | 58.9                 | 66.3                            | 10 100                       | 44.0                           |
| 48.0                           | 53.2                 | 64.2                            | 8 100                        | 54.3                 | 64.0                            | 8 300                        | 55.2                 | 63.5                            | 8 500                        | 48.0                           |
| 52.0                           | 49.4                 | 61.0                            | 6 800                        | 50.5                 | 60.7                            | 7 000                        | 51.4                 | 60.2                            | 7 100                        | 52.0                           |
| 56.0                           | 45.4                 | 57.2                            | 5 700                        | 46.4                 | 57.0                            | 5 900                        | 47.3                 | 56.4                            | 6 000                        | 56.0                           |
| 60.0                           | 41.0                 | 53.0                            | 4 700                        | 42.0                 | 52.7                            | 4 900                        | 42.8                 | 52.1                            | 4 900                        | 60.0                           |
| 64.0                           | 36.2                 | 47.9                            | 3 900                        | 37.2                 | 47.6                            | 4 000                        | 38.0                 | 46.9                            | 4 100                        | 64.0                           |
| 68.0                           | 30.8                 | 41.8                            | 3 100                        | 31.8                 | 41.5                            | 3 200                        |                      |                                 |                              | 68.0                           |
| 72.0                           | 24.4                 | 34.1                            | 2 500                        |                      |                                 |                              |                      |                                 |                              | 72.0                           |

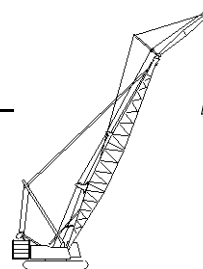




# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 9.1m (30 Ft.) JIB

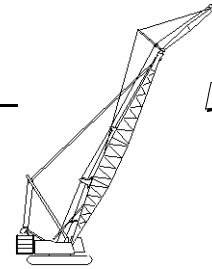
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 70.1m (230 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 15.2                           | 80.4                 | 81.6                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 15.2                           |
| 16.0                           | 79.8                 | 81.5                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 78.4                 | 81.1                            | 18 100 *                     | 79.5                 | 80.9                            | 18 100*                      |                      |                                 |                              | 18.0                           |
| 20.0                           | 76.9                 | 80.6                            | 18 100 *                     | 78.0                 | 80.4                            | 18 100*                      | 79.0                 | 80.0                            | 18 100*                      | 20.0                           |
| 22.0                           | 75.4                 | 80.1                            | 18 100 *                     | 76.5                 | 79.9                            | 18 100*                      | 77.6                 | 79.5                            | 18 100*                      | 22.0                           |
| 24.0                           | 73.9                 | 79.6                            | 18 100 *                     | 75.0                 | 79.4                            | 18 100*                      | 76.1                 | 79.0                            | 18 100*                      | 24.0                           |
| 26.0                           | 72.4                 | 78.9                            | 18 100 *                     | 73.5                 | 78.8                            | 18 100*                      | 74.6                 | 78.3                            | 18 100*                      | 26.0                           |
| 28.0                           | 70.9                 | 78.3                            | 18 100 *                     | 72.0                 | 78.1                            | 18 100*                      | 73.0                 | 77.7                            | 18 100*                      | 28.0                           |
| 32.0                           | 67.9                 | 76.8                            | 16 700                       | 69.0                 | 76.6                            | 17 100                       | 70.0                 | 76.1                            | 17 500                       | 32.0                           |
| 36.0                           | 64.8                 | 75.0                            | 13 700                       | 65.8                 | 74.8                            | 14 000                       | 66.8                 | 74.4                            | 14 300                       | 36.0                           |
| 40.0                           | 61.6                 | 73.0                            | 11 400                       | 62.6                 | 72.8                            | 11 600                       | 63.6                 | 72.3                            | 11 900                       | 40.0                           |
| 44.0                           | 58.3                 | 70.6                            | 9 500                        | 59.3                 | 70.4                            | 9 700                        | 60.2                 | 69.9                            | 9 900                        | 44.0                           |
| 48.0                           | 54.8                 | 68.0                            | 7 900                        | 55.9                 | 67.8                            | 8 100                        | 56.8                 | 67.2                            | 8 300                        | 48.0                           |
| 52.0                           | 51.3                 | 64.9                            | 6 600                        | 52.3                 | 64.7                            | 6 700                        | 53.2                 | 64.2                            | 6 900                        | 52.0                           |
| 56.0                           | 47.5                 | 61.5                            | 5 500                        | 48.5                 | 61.2                            | 5 600                        | 49.3                 | 60.7                            | 5 700                        | 56.0                           |
| 60.0                           | 43.5                 | 57.5                            | 4 500                        | 44.5                 | 57.3                            | 4 600                        | 45.3                 | 56.7                            | 4 700                        | 60.0                           |
| 64.0                           | 39.1                 | 52.9                            | 3 600                        | 40.1                 | 52.7                            | 3 800                        | 40.9                 | 52.0                            | 3 900                        | 64.0                           |
| 68.0                           | 34.3                 | 47.5                            | 2 900                        | 35.3                 | 47.2                            | 3 000                        |                      |                                 |                              | 68.0                           |
| 72.0                           | 28.8                 | 41.0                            | 2 300                        | 29.8                 | 40.6                            | 2 300                        |                      |                                 |                              | 72.0                           |
| 73.2m (240 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 15.2                           | 80.7                 | 84.7                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 15.2                           |
| 16.0                           | 80.2                 | 84.5                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 78.8                 | 84.2                            | 18 100 *                     | 79.8                 | 84.0                            | 18 100*                      |                      |                                 |                              | 18.0                           |
| 20.0                           | 77.4                 | 83.7                            | 18 100 *                     | 78.4                 | 83.6                            | 18 100*                      | 79.5                 | 83.1                            | 18 100*                      | 20.0                           |
| 22.0                           | 76.0                 | 83.3                            | 18 100 *                     | 77.0                 | 83.1                            | 18 100*                      | 78.0                 | 82.7                            | 18 100*                      | 22.0                           |
| 24.0                           | 74.5                 | 82.7                            | 18 100 *                     | 75.6                 | 82.6                            | 18 100*                      | 76.6                 | 82.1                            | 18 100*                      | 24.0                           |
| 26.0                           | 73.1                 | 82.1                            | 18 100 *                     | 74.2                 | 82.0                            | 18 100*                      | 75.2                 | 81.5                            | 18 100*                      | 26.0                           |
| 28.0                           | 71.7                 | 81.5                            | 18 100 *                     | 72.7                 | 81.3                            | 18 100*                      | 73.7                 | 80.9                            | 18 100*                      | 28.0                           |
| 32.0                           | 68.7                 | 80.0                            | 16 600                       | 69.8                 | 79.9                            | 16 900                       | 70.7                 | 79.4                            | 17 300                       | 32.0                           |
| 36.0                           | 65.8                 | 78.4                            | 13 500                       | 66.8                 | 78.2                            | 13 900                       | 67.7                 | 77.7                            | 14 200                       | 36.0                           |
| 40.0                           | 62.7                 | 76.4                            | 11 100                       | 63.7                 | 76.2                            | 11 400                       | 64.7                 | 75.7                            | 11 700                       | 40.0                           |
| 44.0                           | 59.6                 | 74.2                            | 9 200                        | 60.6                 | 74.0                            | 9 500                        | 61.5                 | 73.5                            | 9 700                        | 44.0                           |
| 48.0                           | 56.3                 | 71.7                            | 7 700                        | 57.3                 | 71.5                            | 7 900                        | 58.2                 | 71.0                            | 8 100                        | 48.0                           |
| 52.0                           | 52.9                 | 68.8                            | 6 400                        | 53.9                 | 68.6                            | 6 600                        | 54.8                 | 68.1                            | 6 700                        | 52.0                           |
| 56.0                           | 49.4                 | 65.6                            | 5 200                        | 50.4                 | 65.3                            | 5 400                        | 51.2                 | 64.8                            | 5 500                        | 56.0                           |
| 60.0                           | 45.6                 | 61.9                            | 4 300                        | 46.6                 | 61.6                            | 4 400                        | 47.4                 | 61.0                            | 4 500                        | 60.0                           |
| 64.0                           | 41.6                 | 57.6                            | 3 400                        | 42.6                 | 57.4                            | 3 600                        | 43.3                 | 56.8                            | 3 700                        | 64.0                           |
| 68.0                           | 37.3                 | 52.8                            | 2 700                        | 38.2                 | 52.5                            | 2 800                        | 38.9                 | 51.8                            | 2 900                        | 68.0                           |
| 72.0                           | 32.5                 | 47.0                            | 2 000                        | 33.4                 | 46.7                            | 2 100                        |                      |                                 |                              | 72.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 9.1m (30 Ft.) JIB

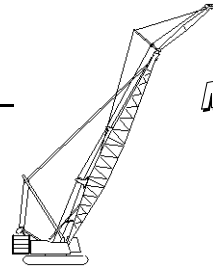
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 76.2m (250 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 16.8                           | 80.0                 | 87.5                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 16.8                           |
| 18.0                           | 79.2                 | 87.3                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 77.8                 | 86.9                            | 18 100 *                     | 78.9                 | 86.7                            | 18 100 *                     | 79.8                 | 86.3                            | 18 100 *                     | 20.0                           |
| 22.0                           | 76.5                 | 86.4                            | 18 100 *                     | 77.5                 | 86.2                            | 18 100 *                     | 78.5                 | 85.8                            | 18 100 *                     | 22.0                           |
| 24.0                           | 75.1                 | 85.9                            | 18 100 *                     | 76.1                 | 85.7                            | 18 100 *                     | 77.1                 | 85.3                            | 18 100 *                     | 24.0                           |
| 26.0                           | 73.7                 | 85.3                            | 18 100 *                     | 74.7                 | 85.2                            | 18 100 *                     | 75.7                 | 84.7                            | 18 100 *                     | 26.0                           |
| 28.0                           | 72.3                 | 84.7                            | 18 100 *                     | 73.3                 | 84.5                            | 18 100 *                     | 74.3                 | 84.1                            | 18 100 *                     | 28.0                           |
| 32.0                           | 69.5                 | 83.3                            | 16 300                       | 70.5                 | 83.1                            | 16 700                       | 71.5                 | 82.7                            | 17 100                       | 32.0                           |
| 36.0                           | 66.7                 | 81.7                            | 13 300                       | 67.7                 | 81.5                            | 13 700                       | 68.6                 | 81.1                            | 14 000                       | 36.0                           |
| 40.0                           | 63.7                 | 79.8                            | 11 000                       | 64.7                 | 79.6                            | 11 300                       | 65.6                 | 79.2                            | 11 500                       | 40.0                           |
| 44.0                           | 60.7                 | 77.7                            | 9 100                        | 61.7                 | 77.5                            | 9 300                        | 62.6                 | 77.0                            | 9 600                        | 44.0                           |
| 48.0                           | 57.6                 | 75.3                            | 7 500                        | 58.6                 | 75.1                            | 7 700                        | 59.5                 | 74.6                            | 7 900                        | 48.0                           |
| 52.0                           | 54.4                 | 72.6                            | 6 200                        | 55.4                 | 72.4                            | 6 400                        | 56.2                 | 71.9                            | 6 600                        | 52.0                           |
| 56.0                           | 51.1                 | 69.5                            | 5 000                        | 52.0                 | 69.3                            | 5 200                        | 52.9                 | 68.8                            | 5 400                        | 56.0                           |
| 60.0                           | 47.6                 | 66.1                            | 4 100                        | 48.5                 | 65.8                            | 4 200                        | 49.3                 | 65.3                            | 4 300                        | 60.0                           |
| 64.0                           | 43.9                 | 62.1                            | 3 300                        | 44.8                 | 61.9                            | 3 400                        | 45.6                 | 61.3                            | 3 500                        | 64.0                           |
| 68.0                           | 39.9                 | 57.7                            | 2 500                        | 40.8                 | 57.4                            | 2 600                        | 41.5                 | 56.7                            | 2 700                        | 68.0                           |
| 72.0                           |                      |                                 |                              | 36.4                 | 52.2                            | 1 900                        |                      |                                 |                              | 72.0                           |
| 79.2m (260 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 16.8                           | 80.4                 | 90.6                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 16.8                           |
| 18.0                           | 79.6                 | 90.4                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 78.3                 | 90.0                            | 18 100 *                     | 79.2                 | 89.8                            | 18 100 *                     | 80.2                 | 89.4                            | 18 100 *                     | 20.0                           |
| 22.0                           | 76.9                 | 89.5                            | 18 100 *                     | 77.9                 | 89.4                            | 18 100 *                     | 78.9                 | 88.9                            | 18 100 *                     | 22.0                           |
| 24.0                           | 75.6                 | 89.0                            | 18 100 *                     | 76.6                 | 88.9                            | 18 100 *                     | 77.5                 | 88.4                            | 18 100 *                     | 24.0                           |
| 26.0                           | 74.3                 | 88.5                            | 18 100 *                     | 75.3                 | 88.3                            | 18 100 *                     | 76.2                 | 87.9                            | 18 100 *                     | 26.0                           |
| 28.0                           | 73.0                 | 87.9                            | 18 100 *                     | 73.9                 | 87.7                            | 18 100 *                     | 74.9                 | 87.3                            | 18 100 *                     | 28.0                           |
| 32.0                           | 70.3                 | 86.6                            | 16 100                       | 71.2                 | 86.4                            | 16 600                       | 72.1                 | 85.9                            | 16 900                       | 32.0                           |
| 36.0                           | 67.5                 | 85.0                            | 13 100                       | 68.5                 | 84.8                            | 13 400                       | 69.4                 | 84.4                            | 13 800                       | 36.0                           |
| 40.0                           | 64.7                 | 83.2                            | 10 700                       | 65.7                 | 83.0                            | 11 000                       | 66.5                 | 82.6                            | 11 300                       | 40.0                           |
| 44.0                           | 61.8                 | 81.2                            | 8 800                        | 62.8                 | 81.0                            | 9 100                        | 63.6                 | 80.5                            | 9 300                        | 44.0                           |
| 48.0                           | 58.9                 | 78.9                            | 7 200                        | 59.8                 | 78.7                            | 7 500                        | 60.7                 | 78.2                            | 7 700                        | 48.0                           |
| 52.0                           | 55.8                 | 76.3                            | 5 900                        | 56.8                 | 76.1                            | 6 200                        | 57.6                 | 75.6                            | 6 300                        | 52.0                           |
| 56.0                           | 52.7                 | 73.4                            | 4 800                        | 53.6                 | 73.2                            | 5 000                        | 54.4                 | 72.7                            | 5 200                        | 56.0                           |
| 60.0                           | 49.4                 | 70.2                            | 3 900                        | 50.3                 | 69.9                            | 4 000                        | 51.0                 | 69.4                            | 4 200                        | 60.0                           |
| 64.0                           | 45.9                 | 66.5                            | 3 000                        | 46.8                 | 66.2                            | 3 200                        | 47.5                 | 65.7                            | 3 300                        | 64.0                           |
| 68.0                           | 42.2                 | 62.3                            | 2 300                        | 43.1                 | 62.1                            | 2 400                        | 43.8                 | 61.4                            | 2 500                        | 68.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 9.1m (30 Ft.) JIB

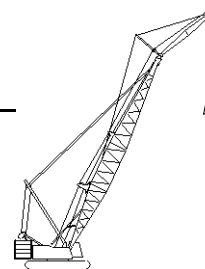
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 82.3m (270 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 16.8                           | 80.7                 | 93.7                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 16.8                           |
| 18.0                           | 79.9                 | 93.5                            | 18 100 *                     |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 78.6                 | 93.1                            | 18 100 *                     | 79.6                 | 92.9                            | 18 100*                      | 80.5                 | 92.5                            | 18 100*                      | 20.0                           |
| 22.0                           | 77.4                 | 92.7                            | 18 100 *                     | 78.3                 | 92.5                            | 18 100*                      | 79.2                 | 92.1                            | 18 100*                      | 22.0                           |
| 24.0                           | 76.1                 | 92.2                            | 18 100 *                     | 77.1                 | 92.0                            | 18 100*                      | 78.0                 | 91.6                            | 18 100*                      | 24.0                           |
| 26.0                           | 74.8                 | 91.7                            | 18 100 *                     | 75.8                 | 91.5                            | 18 100*                      | 76.7                 | 91.1                            | 18 100*                      | 26.0                           |
| 28.0                           | 73.5                 | 91.1                            | 18 100 *                     | 74.5                 | 90.9                            | 18 100*                      | 75.4                 | 90.5                            | 18 100*                      | 28.0                           |
| 32.0                           | 70.9                 | 89.8                            | 15 900                       | 71.9                 | 89.6                            | 16 300                       | 72.8                 | 89.2                            | 16 700                       | 32.0                           |
| 36.0                           | 68.3                 | 88.3                            | 12 900                       | 69.2                 | 88.1                            | 13 200                       | 70.1                 | 87.7                            | 13 600                       | 36.0                           |
| 40.0                           | 65.6                 | 86.6                            | 10 500                       | 66.5                 | 86.4                            | 10 800                       | 67.4                 | 85.9                            | 11 100                       | 40.0                           |
| 44.0                           | 62.8                 | 84.6                            | 8 600                        | 63.8                 | 84.4                            | 8 900                        | 64.6                 | 84.0                            | 9 100                        | 44.0                           |
| 48.0                           | 60.0                 | 82.4                            | 7 000                        | 60.9                 | 82.2                            | 7 200                        | 61.7                 | 81.8                            | 7 500                        | 48.0                           |
| 52.0                           | 57.1                 | 80.0                            | 5 700                        | 58.0                 | 79.8                            | 5 900                        | 58.8                 | 79.3                            | 6 100                        | 52.0                           |
| 56.0                           | 54.1                 | 77.2                            | 4 600                        | 55.0                 | 77.0                            | 4 800                        | 55.8                 | 76.5                            | 4 900                        | 56.0                           |
| 60.0                           | 51.0                 | 74.1                            | 3 600                        | 51.8                 | 73.9                            | 3 800                        | 52.6                 | 73.4                            | 3 900                        | 60.0                           |
| 64.0                           | 47.7                 | 70.7                            | 2 800                        | 48.6                 | 70.4                            | 2 900                        | 49.3                 | 69.9                            | 3 000                        | 64.0                           |
| 68.0                           | 44.2                 | 66.8                            | 2 000                        | 45.1                 | 66.5                            | 2 100                        | 45.8                 | 65.9                            | 2 300                        | 68.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 12.2m (40 Ft.) JIB

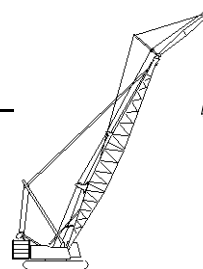
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 27.4m (90 Ft.) BOOM            |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 9.1                            | 79.9                 | 42.4                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 9.1                            |
| 10.0                           | 78.6                 | 42.2                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 10.0                           |
| 12.0                           | 75.7                 | 41.8                            | 13 600 *                     | 78.6                 | 41.6                            | 13 600 *                     |                      |                                 |                              | 12.0                           |
| 14.0                           | 72.8                 | 41.2                            | 13 600 *                     | 75.6                 | 41.0                            | 13 600 *                     | 78.5                 | 40.5                            | 13 600 *                     | 14.0                           |
| 16.0                           | 69.8                 | 40.5                            | 13 600 *                     | 72.6                 | 40.3                            | 13 600 *                     | 75.4                 | 39.8                            | 13 600 *                     | 16.0                           |
| 18.0                           | 66.8                 | 39.7                            | 13 600 *                     | 69.6                 | 39.5                            | 13 600 *                     | 72.3                 | 39.0                            | 13 600 *                     | 18.0                           |
| 20.0                           | 63.6                 | 38.7                            | 13 600 *                     | 66.4                 | 38.5                            | 13 600 *                     | 69.1                 | 38.0                            | 13 600 *                     | 20.0                           |
| 22.0                           | 60.4                 | 37.6                            | 13 600 *                     | 63.2                 | 37.4                            | 13 600 *                     | 65.9                 | 36.9                            | 13 600 *                     | 22.0                           |
| 24.0                           | 57.1                 | 36.4                            | 13 600 *                     | 59.9                 | 36.2                            | 13 600 *                     | 62.5                 | 35.6                            | 13 300 *                     | 24.0                           |
| 26.0                           | 53.7                 | 35.0                            | 13 600 *                     | 56.4                 | 34.7                            | 13 600 *                     | 58.9                 | 34.2                            | 12 600 *                     | 26.0                           |
| 28.0                           | 50.1                 | 33.3                            | 13 600 *                     | 52.8                 | 33.1                            | 13 600 *                     | 55.2                 | 32.5                            | 12 000 *                     | 28.0                           |
| 32.0                           | 42.1                 | 29.4                            | 13 600 *                     | 44.8                 | 29.1                            | 12 600 *                     | 47.1                 | 28.4                            | 11 000 *                     | 32.0                           |
| 36.0                           | 32.7                 | 24.1                            | 12 500 *                     | 35.2                 | 23.7                            | 11 400 *                     |                      |                                 |                              | 36.0                           |
| 30.5m (100 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 9.1                            | 80.6                 | 45.5                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 9.1                            |
| 10.0                           | 79.4                 | 45.4                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 10.0                           |
| 12.0                           | 76.8                 | 44.9                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 12.0                           |
| 14.0                           | 74.0                 | 44.4                            | 13 600 *                     | 76.7                 | 44.2                            | 13 600 *                     | 79.3                 | 43.7                            | 13 600 *                     | 14.0                           |
| 16.0                           | 71.3                 | 43.7                            | 13 600 *                     | 73.9                 | 43.5                            | 13 600 *                     | 76.5                 | 43.0                            | 13 600 *                     | 16.0                           |
| 18.0                           | 68.5                 | 43.0                            | 13 600 *                     | 71.1                 | 42.8                            | 13 600 *                     | 73.7                 | 42.3                            | 13 600 *                     | 18.0                           |
| 20.0                           | 65.6                 | 42.1                            | 13 600 *                     | 68.2                 | 41.9                            | 13 600 *                     | 70.7                 | 41.4                            | 13 600 *                     | 20.0                           |
| 22.0                           | 62.7                 | 41.1                            | 13 600 *                     | 65.3                 | 40.9                            | 13 600 *                     | 67.8                 | 40.4                            | 13 600 *                     | 22.0                           |
| 24.0                           | 59.7                 | 40.0                            | 13 600 *                     | 62.3                 | 39.8                            | 13 600 *                     | 64.7                 | 39.2                            | 13 600 *                     | 24.0                           |
| 26.0                           | 56.6                 | 38.7                            | 13 600 *                     | 59.1                 | 38.5                            | 13 600 *                     | 61.5                 | 37.9                            | 13 200 *                     | 26.0                           |
| 28.0                           | 53.4                 | 37.3                            | 13 600 *                     | 55.9                 | 37.0                            | 13 600 *                     | 58.2                 | 36.4                            | 12 500 *                     | 28.0                           |
| 32.0                           | 46.4                 | 33.8                            | 13 600 *                     | 48.9                 | 33.6                            | 13 300 *                     | 51.1                 | 32.9                            | 11 400 *                     | 32.0                           |
| 36.0                           | 38.6                 | 29.4                            | 13 400 *                     | 41.0                 | 29.1                            | 12 100 *                     | 43.0                 | 28.3                            | 10 600 *                     | 36.0                           |
| 40.0                           | 29.0                 | 23.2                            | 12 000 *                     | 31.3                 | 22.8                            | 11 100 *                     |                      |                                 |                              | 40.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 12.2m (40 Ft.) JIB

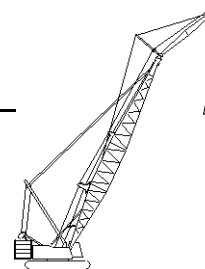
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 33.5m (110 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 10.7                           | 79.3                 | 48.3                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 10.7                           |
| 12.0                           | 77.6                 | 48.0                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 12.0                           |
| 14.0                           | 75.1                 | 47.5                            | 13 600 *                     | 77.6                 | 47.3                            | 13 600 *                     | 80.0                 | 46.9                            | 13 600 *                     | 14.0                           |
| 16.0                           | 72.5                 | 46.9                            | 13 600 *                     | 75.0                 | 46.7                            | 13 600 *                     | 77.4                 | 46.2                            | 13 600 *                     | 16.0                           |
| 18.0                           | 69.9                 | 46.2                            | 13 600 *                     | 72.4                 | 46.0                            | 13 600 *                     | 74.8                 | 45.5                            | 13 600 *                     | 18.0                           |
| 20.0                           | 67.3                 | 45.4                            | 13 600 *                     | 69.8                 | 45.2                            | 13 600 *                     | 72.1                 | 44.7                            | 13 600 *                     | 20.0                           |
| 22.0                           | 64.6                 | 44.5                            | 13 600 *                     | 67.0                 | 44.3                            | 13 600 *                     | 69.4                 | 43.8                            | 13 600 *                     | 22.0                           |
| 24.0                           | 61.9                 | 43.5                            | 13 600 *                     | 64.3                 | 43.3                            | 13 600 *                     | 66.6                 | 42.7                            | 13 600 *                     | 24.0                           |
| 26.0                           | 59.0                 | 42.3                            | 13 600 *                     | 61.4                 | 42.1                            | 13 600 *                     | 63.7                 | 41.5                            | 13 500 *                     | 26.0                           |
| 28.0                           | 56.1                 | 41.0                            | 13 600 *                     | 58.5                 | 40.8                            | 13 600 *                     | 60.7                 | 40.2                            | 13 000 *                     | 28.0                           |
| 32.0                           | 49.9                 | 37.9                            | 13 600 *                     | 52.3                 | 37.7                            | 13 600 *                     | 54.4                 | 37.1                            | 11 900 *                     | 32.0                           |
| 36.0                           | 43.1                 | 34.1                            | 13 600 *                     | 45.4                 | 33.8                            | 12 700 *                     | 47.3                 | 33.1                            | 11 000 *                     | 36.0                           |
| 40.0                           | 35.2                 | 29.1                            | 12 900 *                     | 37.4                 | 28.7                            | 11 700 *                     |                      |                                 |                              | 40.0                           |
| 44.0                           | 25.3                 | 22.1                            | 11 600 *                     |                      |                                 |                              |                      |                                 |                              | 44.0                           |
| 36.6m (120 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 10.7                           | 80.0                 | 51.4                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 10.7                           |
| 12.0                           | 78.4                 | 51.2                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 12.0                           |
| 14.0                           | 76.0                 | 50.7                            | 13 600 *                     | 78.4                 | 50.5                            | 13 600 *                     | 80.7                 | 50.0                            | 13 600 *                     | 14.0                           |
| 16.0                           | 73.6                 | 50.1                            | 13 600 *                     | 76.0                 | 49.9                            | 13 600 *                     | 78.2                 | 49.4                            | 13 600 *                     | 16.0                           |
| 18.0                           | 71.2                 | 49.5                            | 13 600 *                     | 73.5                 | 49.3                            | 13 600 *                     | 75.8                 | 48.8                            | 13 600 *                     | 18.0                           |
| 20.0                           | 68.8                 | 48.7                            | 13 600 *                     | 71.1                 | 48.5                            | 13 600 *                     | 73.3                 | 48.0                            | 13 600 *                     | 20.0                           |
| 22.0                           | 66.3                 | 47.9                            | 13 600 *                     | 68.6                 | 47.7                            | 13 600 *                     | 70.8                 | 47.1                            | 13 600 *                     | 22.0                           |
| 24.0                           | 63.7                 | 46.9                            | 13 600 *                     | 66.0                 | 46.7                            | 13 600 *                     | 68.2                 | 46.2                            | 13 600 *                     | 24.0                           |
| 26.0                           | 61.1                 | 45.9                            | 13 600 *                     | 63.4                 | 45.6                            | 13 600 *                     | 65.5                 | 45.1                            | 13 600 *                     | 26.0                           |
| 28.0                           | 58.4                 | 44.7                            | 13 600 *                     | 60.7                 | 44.4                            | 13 600 *                     | 62.8                 | 43.9                            | 13 400 *                     | 28.0                           |
| 32.0                           | 52.8                 | 41.9                            | 13 600 *                     | 55.0                 | 41.6                            | 13 600 *                     | 57.1                 | 41.0                            | 12 300 *                     | 32.0                           |
| 36.0                           | 46.8                 | 38.4                            | 13 600 *                     | 48.9                 | 38.2                            | 13 300 *                     | 50.8                 | 37.5                            | 11 400 *                     | 36.0                           |
| 40.0                           | 40.0                 | 34.1                            | 13 500                       | 42.1                 | 33.8                            | 12 200 *                     | 43.8                 | 33.0                            | 10 700 *                     | 40.0                           |
| 44.0                           | 32.1                 | 28.5                            | 12 000                       | 34.1                 | 28.1                            | 11 300 *                     |                      |                                 |                              | 44.0                           |
| 48.0                           | 21.7                 | 20.4                            | 10 400                       |                      |                                 |                              |                      |                                 |                              | 48.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 12.2m (40 Ft.) JIB

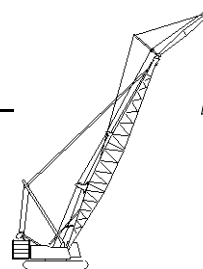
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 39.6m (130 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 10.7                           | 80.5                 | 54.5                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 10.7                           |
| 12.0                           | 79.1                 | 54.3                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 12.0                           |
| 14.0                           | 76.9                 | 53.8                            | 13 600 *                     | 79.1                 | 53.6                            | 13 600 *                     |                      |                                 |                              | 14.0                           |
| 16.0                           | 74.6                 | 53.3                            | 13 600 *                     | 76.8                 | 53.1                            | 13 600 *                     | 79.0                 | 52.6                            | 13 600 *                     | 16.0                           |
| 18.0                           | 72.4                 | 52.7                            | 13 600 *                     | 74.5                 | 52.5                            | 13 600 *                     | 76.7                 | 52.0                            | 13 600 *                     | 18.0                           |
| 20.0                           | 70.1                 | 52.0                            | 13 600 *                     | 72.2                 | 51.8                            | 13 600 *                     | 74.3                 | 51.3                            | 13 600 *                     | 20.0                           |
| 22.0                           | 67.7                 | 51.2                            | 13 600 *                     | 69.9                 | 51.0                            | 13 600 *                     | 72.0                 | 50.5                            | 13 600 *                     | 22.0                           |
| 24.0                           | 65.4                 | 50.3                            | 13 600 *                     | 67.5                 | 50.1                            | 13 600 *                     | 69.6                 | 49.6                            | 13 600 *                     | 24.0                           |
| 26.0                           | 62.9                 | 49.3                            | 13 600 *                     | 65.1                 | 49.1                            | 13 600 *                     | 67.1                 | 48.5                            | 13 600 *                     | 26.0                           |
| 28.0                           | 60.5                 | 48.2                            | 13 600 *                     | 62.6                 | 48.0                            | 13 600 *                     | 64.6                 | 47.4                            | 13 600 *                     | 28.0                           |
| 32.0                           | 55.3                 | 45.7                            | 13 600 *                     | 57.4                 | 45.4                            | 13 600 *                     | 59.3                 | 44.8                            | 12 700 *                     | 32.0                           |
| 36.0                           | 49.8                 | 42.5                            | 13 600 *                     | 51.9                 | 42.3                            | 13 600 *                     | 53.7                 | 41.6                            | 11 800 *                     | 36.0                           |
| 40.0                           | 43.8                 | 38.7                            | 13 500                       | 45.8                 | 38.4                            | 12 800 *                     | 47.6                 | 37.7                            | 11 000 *                     | 40.0                           |
| 44.0                           | 37.1                 | 33.9                            | 11 800                       | 39.0                 | 33.6                            | 11 800 *                     | 40.6                 | 32.8                            | 10 400 *                     | 44.0                           |
| 48.0                           | 29.0                 | 27.7                            | 10 200                       | 30.8                 | 27.2                            | 10 400                       |                      |                                 |                              | 48.0                           |
| 42.7m (140 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 12.2                           | 79.5                 | 57.4                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 12.2                           |
| 14.0                           | 77.6                 | 57.0                            | 13 600 *                     | 79.7                 | 56.8                            | 13 600 *                     |                      |                                 |                              | 14.0                           |
| 16.0                           | 75.5                 | 56.5                            | 13 600 *                     | 77.5                 | 56.3                            | 13 600 *                     | 79.6                 | 55.7                            | 13 600 *                     | 16.0                           |
| 18.0                           | 73.3                 | 55.9                            | 13 600 *                     | 75.4                 | 55.7                            | 13 600 *                     | 77.4                 | 55.2                            | 13 600 *                     | 18.0                           |
| 20.0                           | 71.2                 | 55.2                            | 13 600 *                     | 73.2                 | 55.0                            | 13 600 *                     | 75.2                 | 54.5                            | 13 600 *                     | 20.0                           |
| 22.0                           | 69.0                 | 54.5                            | 13 600 *                     | 71.0                 | 54.3                            | 13 600 *                     | 73.0                 | 53.7                            | 13 600 *                     | 22.0                           |
| 24.0                           | 66.8                 | 53.7                            | 13 600 *                     | 68.8                 | 53.4                            | 13 600 *                     | 70.8                 | 52.9                            | 13 600 *                     | 24.0                           |
| 26.0                           | 64.5                 | 52.7                            | 13 600 *                     | 66.5                 | 52.5                            | 13 600 *                     | 68.5                 | 52.0                            | 13 600 *                     | 26.0                           |
| 28.0                           | 62.2                 | 51.7                            | 13 600 *                     | 64.2                 | 51.5                            | 13 600 *                     | 66.1                 | 50.9                            | 13 600 *                     | 28.0                           |
| 32.0                           | 57.5                 | 49.3                            | 13 600 *                     | 59.4                 | 49.1                            | 13 600 *                     | 61.3                 | 48.5                            | 13 100 *                     | 32.0                           |
| 36.0                           | 52.4                 | 46.5                            | 13 600 *                     | 54.4                 | 46.2                            | 13 600 *                     | 56.1                 | 45.6                            | 12 200 *                     | 36.0                           |
| 40.0                           | 47.0                 | 43.0                            | 13 400                       | 48.9                 | 42.8                            | 13 400 *                     | 50.6                 | 42.1                            | 11 400 *                     | 40.0                           |
| 44.0                           | 41.1                 | 38.8                            | 11 600                       | 42.9                 | 38.5                            | 11 800                       | 44.5                 | 37.7                            | 10 700 *                     | 44.0                           |
| 48.0                           | 34.3                 | 33.6                            | 10 100                       | 36.1                 | 33.2                            | 10 200                       |                      |                                 |                              | 48.0                           |
| 52.0                           | 26.0                 | 26.5                            | 8 700                        |                      |                                 |                              |                      |                                 |                              | 52.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 12.2m (40 Ft.) JIB

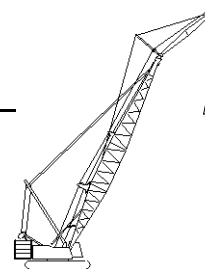
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 45.7m (150 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 12.2                           | 80.0                 | 60.5                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 12.2                           |
| 14.0                           | 78.2                 | 60.1                            | 13 600 *                     | 80.2                 | 59.9                            | 13 600 *                     |                      |                                 |                              | 14.0                           |
| 16.0                           | 76.2                 | 59.6                            | 13 600 *                     | 78.2                 | 59.4                            | 13 600 *                     | 80.1                 | 58.9                            | 13 600 *                     | 16.0                           |
| 18.0                           | 74.2                 | 59.1                            | 13 600 *                     | 76.2                 | 58.9                            | 13 600 *                     | 78.1                 | 58.3                            | 13 600 *                     | 18.0                           |
| 20.0                           | 72.2                 | 58.5                            | 13 600 *                     | 74.1                 | 58.2                            | 13 600 *                     | 76.0                 | 57.7                            | 13 600 *                     | 20.0                           |
| 22.0                           | 70.1                 | 57.8                            | 13 600 *                     | 72.1                 | 57.5                            | 13 600 *                     | 74.0                 | 57.0                            | 13 600 *                     | 22.0                           |
| 24.0                           | 68.0                 | 57.0                            | 13 600 *                     | 70.0                 | 56.8                            | 13 600 *                     | 71.8                 | 56.2                            | 13 600 *                     | 24.0                           |
| 26.0                           | 65.9                 | 56.1                            | 13 600 *                     | 67.9                 | 55.9                            | 13 600 *                     | 69.7                 | 55.3                            | 13 600 *                     | 26.0                           |
| 28.0                           | 63.8                 | 55.2                            | 13 600 *                     | 65.7                 | 54.9                            | 13 600 *                     | 67.5                 | 54.3                            | 13 600 *                     | 28.0                           |
| 32.0                           | 59.3                 | 52.9                            | 13 600 *                     | 61.2                 | 52.7                            | 13 600 *                     | 63.0                 | 52.1                            | 13 500 *                     | 32.0                           |
| 36.0                           | 54.7                 | 50.3                            | 13 600 *                     | 56.6                 | 50.0                            | 13 600 *                     | 58.2                 | 49.4                            | 12 500 *                     | 36.0                           |
| 40.0                           | 49.7                 | 47.1                            | 13 300                       | 51.6                 | 46.9                            | 13 400                       | 53.2                 | 46.2                            | 11 700 *                     | 40.0                           |
| 44.0                           | 44.4                 | 43.4                            | 11 400                       | 46.2                 | 43.1                            | 11 600                       | 47.7                 | 42.3                            | 11 000 *                     | 44.0                           |
| 48.0                           | 38.4                 | 38.8                            | 9 800                        | 40.2                 | 38.4                            | 9 900                        | 41.6                 | 37.6                            | 10 100                       | 48.0                           |
| 52.0                           | 31.6                 | 32.9                            | 8 500                        | 33.3                 | 32.5                            | 8 600                        |                      |                                 |                              | 52.0                           |
| 56.0                           | 23.0                 | 25.0                            | 7 300                        |                      |                                 |                              |                      |                                 |                              | 56.0                           |
| 48.8m (160 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 12.2                           | 80.5                 | 63.6                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 12.2                           |
| 14.0                           | 78.8                 | 63.2                            | 13 600 *                     | 80.7                 | 63.0                            | 13 600 *                     |                      |                                 |                              | 14.0                           |
| 16.0                           | 76.9                 | 62.8                            | 13 600 *                     | 78.8                 | 62.5                            | 13 600 *                     |                      |                                 |                              | 16.0                           |
| 18.0                           | 75.0                 | 62.2                            | 13 600 *                     | 76.9                 | 62.0                            | 13 600 *                     | 78.7                 | 61.5                            | 13 600 *                     | 18.0                           |
| 20.0                           | 73.1                 | 61.7                            | 13 600 *                     | 75.0                 | 61.4                            | 13 600 *                     | 76.8                 | 60.9                            | 13 600 *                     | 20.0                           |
| 22.0                           | 71.2                 | 61.0                            | 13 600 *                     | 73.0                 | 60.8                            | 13 600 *                     | 74.8                 | 60.2                            | 13 600 *                     | 22.0                           |
| 24.0                           | 69.2                 | 60.3                            | 13 600 *                     | 71.0                 | 60.0                            | 13 600 *                     | 72.8                 | 59.5                            | 13 600 *                     | 24.0                           |
| 26.0                           | 67.2                 | 59.4                            | 13 600 *                     | 69.0                 | 59.2                            | 13 600 *                     | 70.8                 | 58.7                            | 13 600 *                     | 26.0                           |
| 28.0                           | 65.2                 | 58.5                            | 13 600 *                     | 67.0                 | 58.3                            | 13 600 *                     | 68.7                 | 57.7                            | 13 600 *                     | 28.0                           |
| 32.0                           | 61.0                 | 56.5                            | 13 600 *                     | 62.8                 | 56.2                            | 13 600 *                     | 64.5                 | 55.6                            | 13 600 *                     | 32.0                           |
| 36.0                           | 56.7                 | 54.0                            | 13 600 *                     | 58.4                 | 53.8                            | 13 600 *                     | 60.1                 | 53.1                            | 12 900 *                     | 36.0                           |
| 40.0                           | 52.1                 | 51.1                            | 13 100                       | 53.9                 | 50.8                            | 13 400                       | 55.4                 | 50.2                            | 12 000 *                     | 40.0                           |
| 44.0                           | 47.2                 | 47.6                            | 11 100                       | 48.9                 | 47.4                            | 11 300                       | 50.4                 | 46.6                            | 11 400 *                     | 44.0                           |
| 48.0                           | 41.9                 | 43.5                            | 9 600                        | 43.6                 | 43.2                            | 9 700                        | 45.0                 | 42.4                            | 9 900                        | 48.0                           |
| 52.0                           | 36.0                 | 38.5                            | 8 200                        | 37.6                 | 38.1                            | 8 400                        |                      |                                 |                              | 52.0                           |
| 56.0                           | 29.0                 | 32.1                            | 7 100                        | 30.5                 | 31.7                            | 7 200                        |                      |                                 |                              | 56.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 12.2m (40 Ft.) JIB

| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 51.8m (170 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 12.2                           | 81.0                 | 66.6                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 12.2                           |
| 14.0                           | 79.4                 | 66.3                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 77.6                 | 65.9                            | 13 600 *                     | 79.3                 | 65.7                            | 13 600 *                     |                      |                                 |                              | 16.0                           |
| 18.0                           | 75.7                 | 65.4                            | 13 600 *                     | 77.5                 | 65.2                            | 13 600 *                     | 79.3                 | 64.6                            | 13 600 *                     | 18.0                           |
| 20.0                           | 73.9                 | 64.8                            | 13 600 *                     | 75.7                 | 64.6                            | 13 600 *                     | 77.4                 | 64.1                            | 13 600 *                     | 20.0                           |
| 22.0                           | 72.1                 | 64.2                            | 13 600 *                     | 73.8                 | 64.0                            | 13 600 *                     | 75.5                 | 63.4                            | 13 600 *                     | 22.0                           |
| 24.0                           | 70.2                 | 63.5                            | 13 600 *                     | 72.0                 | 63.3                            | 13 600 *                     | 73.7                 | 62.7                            | 13 600 *                     | 24.0                           |
| 26.0                           | 68.3                 | 62.7                            | 13 600 *                     | 70.1                 | 62.5                            | 13 600 *                     | 71.7                 | 62.0                            | 13 600 *                     | 26.0                           |
| 28.0                           | 66.4                 | 61.9                            | 13 600 *                     | 68.1                 | 61.7                            | 13 600 *                     | 69.8                 | 61.1                            | 13 600 *                     | 28.0                           |
| 32.0                           | 62.5                 | 59.9                            | 13 600 *                     | 64.2                 | 59.7                            | 13 600 *                     | 65.8                 | 59.1                            | 13 600 *                     | 32.0                           |
| 36.0                           | 58.4                 | 57.6                            | 13 600 *                     | 60.1                 | 57.4                            | 13 600 *                     | 61.7                 | 56.8                            | 13 200 *                     | 36.0                           |
| 40.0                           | 54.2                 | 54.9                            | 12 900                       | 55.9                 | 54.7                            | 13 200                       | 57.4                 | 54.0                            | 12 400 *                     | 40.0                           |
| 44.0                           | 49.7                 | 51.7                            | 11 000                       | 51.3                 | 51.5                            | 11 200                       | 52.8                 | 50.8                            | 11 400                       | 44.0                           |
| 48.0                           | 44.8                 | 48.0                            | 9 400                        | 46.5                 | 47.7                            | 9 600                        | 47.9                 | 46.9                            | 9 700                        | 48.0                           |
| 52.0                           | 39.5                 | 43.5                            | 8 100                        | 41.1                 | 43.2                            | 8 200                        | 42.4                 | 42.3                            | 8 400                        | 52.0                           |
| 56.0                           | 33.6                 | 38.0                            | 6 900                        | 35.1                 | 37.7                            | 7 100                        |                      |                                 |                              | 56.0                           |
| 60.0                           | 26.4                 | 31.0                            | 6 000                        |                      |                                 |                              |                      |                                 |                              | 60.0                           |
| 54.9m (180 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 13.7                           | 80.1                 | 69.5                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 13.7                           |
| 14.0                           | 79.8                 | 69.4                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 78.1                 | 69.0                            | 13 600 *                     | 79.8                 | 68.8                            | 13 600 *                     |                      |                                 |                              | 16.0                           |
| 18.0                           | 76.4                 | 68.5                            | 13 600 *                     | 78.1                 | 68.3                            | 13 600 *                     | 79.8                 | 67.8                            | 13 600 *                     | 18.0                           |
| 20.0                           | 74.7                 | 68.0                            | 13 600 *                     | 76.3                 | 67.8                            | 13 600 *                     | 78.0                 | 67.3                            | 13 600 *                     | 20.0                           |
| 22.0                           | 72.9                 | 67.4                            | 13 600 *                     | 74.6                 | 67.2                            | 13 600 *                     | 76.2                 | 66.6                            | 13 600 *                     | 22.0                           |
| 24.0                           | 71.1                 | 66.8                            | 13 600 *                     | 72.8                 | 66.5                            | 13 600 *                     | 74.4                 | 66.0                            | 13 600 *                     | 24.0                           |
| 26.0                           | 69.3                 | 66.0                            | 13 600 *                     | 71.0                 | 65.8                            | 13 600 *                     | 72.6                 | 65.2                            | 13 600 *                     | 26.0                           |
| 28.0                           | 67.5                 | 65.2                            | 13 600 *                     | 69.2                 | 65.0                            | 13 600 *                     | 70.8                 | 64.4                            | 13 600 *                     | 28.0                           |
| 32.0                           | 63.8                 | 63.4                            | 13 600 *                     | 65.5                 | 63.1                            | 13 600 *                     | 67.0                 | 62.5                            | 13 600 *                     | 32.0                           |
| 36.0                           | 60.0                 | 61.2                            | 13 600 *                     | 61.6                 | 61.0                            | 13 600 *                     | 63.1                 | 60.3                            | 13 400 *                     | 36.0                           |
| 40.0                           | 56.0                 | 58.7                            | 12 700                       | 57.6                 | 58.4                            | 13 000                       | 59.1                 | 57.8                            | 12 700 *                     | 40.0                           |
| 44.0                           | 51.8                 | 55.7                            | 10 700                       | 53.4                 | 55.4                            | 11 000                       | 54.8                 | 54.8                            | 11 200                       | 44.0                           |
| 48.0                           | 47.4                 | 52.3                            | 9 200                        | 48.9                 | 52.0                            | 9 400                        | 50.3                 | 51.2                            | 9 500                        | 48.0                           |
| 52.0                           | 42.6                 | 48.2                            | 7 900                        | 44.1                 | 47.9                            | 8 000                        | 45.4                 | 47.1                            | 8 200                        | 52.0                           |
| 56.0                           | 37.3                 | 43.3                            | 6 700                        | 38.8                 | 43.0                            | 6 900                        | 40.0                 | 42.1                            | 7 000                        | 56.0                           |
| 60.0                           | 31.2                 | 37.4                            | 5 800                        | 32.7                 | 37.0                            | 5 900                        |                      |                                 |                              | 60.0                           |
| 64.0                           | 23.9                 | 29.6                            | 4 900                        |                      |                                 |                              |                      |                                 |                              | 64.0                           |

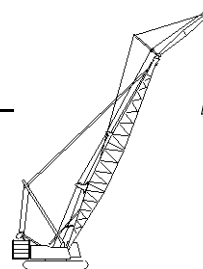




# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 12.2m (40 Ft.) JIB

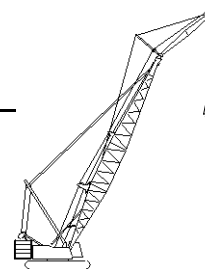
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 57.9m (190 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 13.7                           | 80.5                 | 72.6                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 13.7                           |
| 14.0                           | 80.3                 | 72.5                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 78.6                 | 72.1                            | 13 600 *                     | 80.3                 | 71.9                            | 13 600 *                     |                      |                                 |                              | 16.0                           |
| 18.0                           | 77.0                 | 71.7                            | 13 600 *                     | 78.6                 | 71.5                            | 13 600 *                     |                      |                                 |                              | 18.0                           |
| 20.0                           | 75.3                 | 71.2                            | 13 600 *                     | 77.0                 | 71.0                            | 13 600 *                     | 78.5                 | 70.4                            | 13 600 *                     | 20.0                           |
| 22.0                           | 73.7                 | 70.6                            | 13 600 *                     | 75.3                 | 70.4                            | 13 600 *                     | 76.8                 | 69.8                            | 13 600 *                     | 22.0                           |
| 24.0                           | 72.0                 | 70.0                            | 13 600 *                     | 73.6                 | 69.8                            | 13 600 *                     | 75.1                 | 69.2                            | 13 600 *                     | 24.0                           |
| 26.0                           | 70.3                 | 69.3                            | 13 600 *                     | 71.9                 | 69.1                            | 13 600 *                     | 73.4                 | 68.5                            | 13 600 *                     | 26.0                           |
| 28.0                           | 68.5                 | 68.5                            | 13 600 *                     | 70.1                 | 68.3                            | 13 600 *                     | 71.7                 | 67.7                            | 13 600 *                     | 28.0                           |
| 32.0                           | 65.0                 | 66.8                            | 13 600 *                     | 66.6                 | 66.5                            | 13 600 *                     | 68.1                 | 65.9                            | 13 600 *                     | 32.0                           |
| 36.0                           | 61.4                 | 64.7                            | 13 600 *                     | 63.0                 | 64.5                            | 13 600 *                     | 64.4                 | 63.9                            | 13 600 *                     | 36.0                           |
| 40.0                           | 57.6                 | 62.3                            | 12 400                       | 59.2                 | 62.1                            | 12 700                       | 60.6                 | 61.4                            | 12 900                       | 40.0                           |
| 44.0                           | 53.7                 | 59.6                            | 10 500                       | 55.3                 | 59.3                            | 10 700                       | 56.6                 | 58.6                            | 11 000                       | 44.0                           |
| 48.0                           | 49.6                 | 56.3                            | 8 900                        | 51.1                 | 56.1                            | 9 200                        | 52.4                 | 55.4                            | 9 300                        | 48.0                           |
| 52.0                           | 45.2                 | 52.6                            | 7 600                        | 46.7                 | 52.3                            | 7 800                        | 48.0                 | 51.6                            | 8 000                        | 52.0                           |
| 56.0                           | 40.4                 | 48.2                            | 6 500                        | 41.9                 | 47.9                            | 6 600                        | 43.1                 | 47.1                            | 6 800                        | 56.0                           |
| 60.0                           | 35.1                 | 43.0                            | 5 500                        | 36.5                 | 42.6                            | 5 600                        |                      |                                 |                              | 60.0                           |
| 64.0                           | 29.0                 | 36.5                            | 4 700                        | 30.3                 | 36.1                            | 4 800                        |                      |                                 |                              | 64.0                           |
| 68.0                           | 21.3                 | 27.9                            | 3 900                        |                      |                                 |                              |                      |                                 |                              | 68.0                           |
| 61.0m (200 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 13.7                           | 80.9                 | 75.7                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 13.7                           |
| 14.0                           | 80.7                 | 75.6                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 79.1                 | 75.2                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 77.5                 | 74.8                            | 13 600 *                     | 79.1                 | 74.6                            | 13 600 *                     |                      |                                 |                              | 18.0                           |
| 20.0                           | 75.9                 | 74.3                            | 13 600 *                     | 77.5                 | 74.1                            | 13 600 *                     | 79.0                 | 73.6                            | 13 600 *                     | 20.0                           |
| 22.0                           | 74.3                 | 73.8                            | 13 600 *                     | 75.9                 | 73.6                            | 13 600 *                     | 77.4                 | 73.0                            | 13 600 *                     | 22.0                           |
| 24.0                           | 72.7                 | 73.2                            | 13 600 *                     | 74.3                 | 73.0                            | 13 600 *                     | 75.8                 | 72.4                            | 13 600 *                     | 24.0                           |
| 26.0                           | 71.1                 | 72.5                            | 13 600 *                     | 72.6                 | 72.3                            | 13 600 *                     | 74.1                 | 71.7                            | 13 600 *                     | 26.0                           |
| 28.0                           | 69.5                 | 71.8                            | 13 600 *                     | 71.0                 | 71.6                            | 13 600 *                     | 72.5                 | 71.0                            | 13 600 *                     | 28.0                           |
| 32.0                           | 66.1                 | 70.1                            | 13 600 *                     | 67.6                 | 69.9                            | 13 600 *                     | 69.1                 | 69.3                            | 13 600 *                     | 32.0                           |
| 36.0                           | 62.7                 | 68.2                            | 13 600 *                     | 64.2                 | 67.9                            | 13 600 *                     | 65.6                 | 67.3                            | 13 600 *                     | 36.0                           |
| 40.0                           | 59.1                 | 65.9                            | 12 200                       | 60.6                 | 65.7                            | 12 500                       | 62.0                 | 65.0                            | 12 800                       | 40.0                           |
| 44.0                           | 55.4                 | 63.3                            | 10 300                       | 56.9                 | 63.0                            | 10 600                       | 58.3                 | 62.4                            | 10 800                       | 44.0                           |
| 48.0                           | 51.6                 | 60.3                            | 8 700                        | 53.1                 | 60.0                            | 8 900                        | 54.3                 | 59.3                            | 9 100                        | 48.0                           |
| 52.0                           | 47.5                 | 56.9                            | 7 400                        | 48.9                 | 56.6                            | 7 600                        | 50.2                 | 55.8                            | 7 700                        | 52.0                           |
| 56.0                           | 43.1                 | 52.9                            | 6 300                        | 44.6                 | 52.5                            | 6 400                        | 45.7                 | 51.7                            | 6 600                        | 56.0                           |
| 60.0                           | 38.4                 | 48.1                            | 5 300                        | 39.8                 | 47.8                            | 5 400                        | 40.8                 | 46.9                            | 5 500                        | 60.0                           |
| 64.0                           | 33.0                 | 42.5                            | 4 400                        | 34.4                 | 42.1                            | 4 600                        |                      |                                 |                              | 64.0                           |
| 68.0                           | 26.7                 | 35.4                            | 3 700                        |                      |                                 |                              |                      |                                 |                              | 68.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 12.2m (40 Ft.) JIB

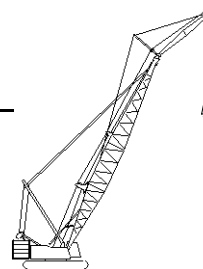
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 64.0m (210 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 15.2                           | 80.1                 | 78.5                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 15.2                           |
| 16.0                           | 79.5                 | 78.3                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 78.0                 | 77.9                            | 13 600 *                     | 79.5                 | 77.7                            | 13 600 *                     |                      |                                 |                              | 18.0                           |
| 20.0                           | 76.5                 | 77.5                            | 13 600 *                     | 78.0                 | 77.3                            | 13 600 *                     | 79.5                 | 76.7                            | 13 600 *                     | 20.0                           |
| 22.0                           | 75.0                 | 77.0                            | 13 600 *                     | 76.5                 | 76.7                            | 13 600 *                     | 77.9                 | 76.2                            | 13 600 *                     | 22.0                           |
| 24.0                           | 73.4                 | 76.4                            | 13 600 *                     | 74.9                 | 76.1                            | 13 600 *                     | 76.4                 | 75.6                            | 13 600 *                     | 24.0                           |
| 26.0                           | 71.9                 | 75.7                            | 13 600 *                     | 73.4                 | 75.5                            | 13 600 *                     | 74.8                 | 74.9                            | 13 600 *                     | 26.0                           |
| 28.0                           | 70.3                 | 75.0                            | 13 600 *                     | 71.8                 | 74.8                            | 13 600 *                     | 73.2                 | 74.2                            | 13 600 *                     | 28.0                           |
| 32.0                           | 67.1                 | 73.5                            | 13 600 *                     | 68.6                 | 73.2                            | 13 600 *                     | 70.0                 | 72.6                            | 13 600 *                     | 32.0                           |
| 36.0                           | 63.8                 | 71.6                            | 13 600 *                     | 65.3                 | 71.4                            | 13 600 *                     | 66.7                 | 70.7                            | 13 600 *                     | 36.0                           |
| 40.0                           | 60.5                 | 69.5                            | 12 000                       | 61.9                 | 69.2                            | 12 300                       | 63.3                 | 68.6                            | 12 600                       | 40.0                           |
| 44.0                           | 57.0                 | 67.0                            | 10 100                       | 58.4                 | 66.7                            | 10 400                       | 59.7                 | 66.1                            | 10 600                       | 44.0                           |
| 48.0                           | 53.4                 | 64.2                            | 8 500                        | 54.8                 | 63.9                            | 8 700                        | 56.0                 | 63.2                            | 9 000                        | 48.0                           |
| 52.0                           | 49.6                 | 60.9                            | 7 200                        | 51.0                 | 60.7                            | 7 400                        | 52.2                 | 59.9                            | 7 600                        | 52.0                           |
| 56.0                           | 45.5                 | 57.2                            | 6 100                        | 46.9                 | 56.9                            | 6 300                        | 48.0                 | 56.2                            | 6 400                        | 56.0                           |
| 60.0                           | 41.2                 | 52.9                            | 5 100                        | 42.5                 | 52.6                            | 5 300                        | 43.6                 | 51.8                            | 5 400                        | 60.0                           |
| 64.0                           | 36.4                 | 47.9                            | 4 300                        | 37.7                 | 47.5                            | 4 400                        | 38.7                 | 46.6                            | 4 500                        | 64.0                           |
| 68.0                           | 31.0                 | 41.8                            | 3 500                        | 32.2                 | 41.4                            | 3 600                        |                      |                                 |                              | 68.0                           |
| 72.0                           | 24.5                 | 34.1                            | 2 800                        |                      |                                 |                              |                      |                                 |                              | 72.0                           |
| 67.1m (220 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 15.2                           | 80.5                 | 81.6                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 15.2                           |
| 16.0                           | 79.9                 | 81.4                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 78.5                 | 81.1                            | 13 600 *                     | 79.9                 | 80.8                            | 13 600 *                     |                      |                                 |                              | 18.0                           |
| 20.0                           | 77.0                 | 80.6                            | 13 600 *                     | 78.5                 | 80.4                            | 13 600 *                     | 79.9                 | 79.8                            | 13 600 *                     | 20.0                           |
| 22.0                           | 75.6                 | 80.1                            | 13 600 *                     | 77.0                 | 79.9                            | 13 600 *                     | 78.4                 | 79.3                            | 13 600 *                     | 22.0                           |
| 24.0                           | 74.1                 | 79.6                            | 13 600 *                     | 75.5                 | 79.3                            | 13 600 *                     | 76.9                 | 78.8                            | 13 600 *                     | 24.0                           |
| 26.0                           | 72.6                 | 78.9                            | 13 600 *                     | 74.0                 | 78.7                            | 13 600 *                     | 75.4                 | 78.1                            | 13 600 *                     | 26.0                           |
| 28.0                           | 71.1                 | 78.3                            | 13 600 *                     | 72.5                 | 78.0                            | 13 600 *                     | 73.9                 | 77.5                            | 13 600 *                     | 28.0                           |
| 32.0                           | 68.0                 | 76.8                            | 13 600 *                     | 69.4                 | 76.5                            | 13 600 *                     | 70.8                 | 75.9                            | 13 600 *                     | 32.0                           |
| 36.0                           | 64.9                 | 75.0                            | 13 600 *                     | 66.3                 | 74.7                            | 13 600 *                     | 67.6                 | 74.1                            | 13 600 *                     | 36.0                           |
| 40.0                           | 61.7                 | 72.9                            | 11 800                       | 63.1                 | 72.7                            | 12 100                       | 64.4                 | 72.1                            | 12 400                       | 40.0                           |
| 44.0                           | 58.4                 | 70.6                            | 9 900                        | 59.8                 | 70.4                            | 10 100                       | 61.0                 | 69.7                            | 10 400                       | 44.0                           |
| 48.0                           | 55.0                 | 67.9                            | 8 300                        | 56.3                 | 67.7                            | 8 500                        | 57.6                 | 67.0                            | 8 800                        | 48.0                           |
| 52.0                           | 51.4                 | 64.9                            | 7 000                        | 52.7                 | 64.6                            | 7 200                        | 53.9                 | 63.9                            | 7 400                        | 52.0                           |
| 56.0                           | 47.6                 | 61.5                            | 5 900                        | 49.0                 | 61.2                            | 6 000                        | 50.1                 | 60.4                            | 6 200                        | 56.0                           |
| 60.0                           | 43.6                 | 57.5                            | 4 900                        | 44.9                 | 57.2                            | 5 000                        | 46.0                 | 56.4                            | 5 200                        | 60.0                           |
| 64.0                           | 39.3                 | 52.9                            | 4 000                        | 40.5                 | 52.6                            | 4 200                        | 41.6                 | 51.7                            | 4 300                        | 64.0                           |
| 68.0                           | 34.5                 | 47.5                            | 3 300                        | 35.7                 | 47.1                            | 3 400                        |                      |                                 |                              | 68.0                           |
| 72.0                           | 29.0                 | 41.0                            | 2 700                        | 30.2                 | 40.5                            | 2 700                        |                      |                                 |                              | 72.0                           |
| 76.0                           | 22.3                 | 32.5                            | 2 100                        |                      |                                 |                              |                      |                                 |                              | 76.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 12.2m (40 Ft.) JIB

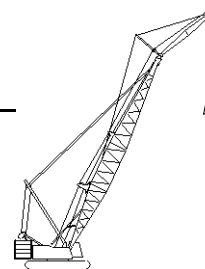
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 70.1m (230 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 15.2                           | 80.9                 | 84.7                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 15.2                           |
| 16.0                           | 80.3                 | 84.5                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 78.9                 | 84.2                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 77.5                 | 83.7                            | 13 600 *                     | 78.9                 | 83.5                            | 13 600*                      | 80.3                 | 83.0                            | 13 600*                      | 20.0                           |
| 22.0                           | 76.1                 | 83.3                            | 13 600 *                     | 77.5                 | 83.0                            | 13 600*                      | 78.8                 | 82.5                            | 13 600*                      | 22.0                           |
| 24.0                           | 74.7                 | 82.7                            | 13 600 *                     | 76.1                 | 82.5                            | 13 600*                      | 77.4                 | 81.9                            | 13 600*                      | 24.0                           |
| 26.0                           | 73.2                 | 82.1                            | 13 600 *                     | 74.6                 | 81.9                            | 13 600*                      | 76.0                 | 81.3                            | 13 600*                      | 26.0                           |
| 28.0                           | 71.8                 | 81.5                            | 13 600 *                     | 73.2                 | 81.3                            | 13 600*                      | 74.5                 | 80.7                            | 13 600*                      | 28.0                           |
| 32.0                           | 68.9                 | 80.0                            | 13 600 *                     | 70.2                 | 79.8                            | 13 600*                      | 71.5                 | 79.2                            | 13 600*                      | 32.0                           |
| 36.0                           | 65.9                 | 78.3                            | 13 500                       | 67.2                 | 78.1                            | 13 600*                      | 68.5                 | 77.5                            | 13 600*                      | 36.0                           |
| 40.0                           | 62.8                 | 76.4                            | 11 500                       | 64.2                 | 76.2                            | 11 900                       | 65.4                 | 75.5                            | 12 200                       | 40.0                           |
| 44.0                           | 59.7                 | 74.2                            | 9 600                        | 61.0                 | 73.9                            | 9 900                        | 62.2                 | 73.3                            | 10 200                       | 44.0                           |
| 48.0                           | 56.4                 | 71.7                            | 8 000                        | 57.8                 | 71.4                            | 8 300                        | 59.0                 | 70.7                            | 8 600                        | 48.0                           |
| 52.0                           | 53.1                 | 68.8                            | 6 700                        | 54.4                 | 68.5                            | 7 000                        | 55.5                 | 67.8                            | 7 200                        | 52.0                           |
| 56.0                           | 49.5                 | 65.5                            | 5 600                        | 50.8                 | 65.3                            | 5 800                        | 51.9                 | 64.5                            | 6 000                        | 56.0                           |
| 60.0                           | 45.8                 | 61.9                            | 4 600                        | 47.0                 | 61.5                            | 4 800                        | 48.1                 | 60.8                            | 5 000                        | 60.0                           |
| 64.0                           | 41.8                 | 57.6                            | 3 800                        | 43.0                 | 57.3                            | 3 900                        | 44.0                 | 56.5                            | 4 100                        | 64.0                           |
| 68.0                           | 37.4                 | 52.7                            | 3 000                        | 38.7                 | 52.4                            | 3 200                        | 39.6                 | 51.5                            | 3 300                        | 68.0                           |
| 72.0                           | 32.6                 | 47.0                            | 2 400                        | 33.8                 | 46.6                            | 2 500                        |                      |                                 |                              | 72.0                           |
| 76.0                           | 27.0                 | 39.9                            | 1 800                        | 28.1                 | 39.4                            | 1 900                        |                      |                                 |                              | 76.0                           |
| 73.2m (240 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 16.8                           | 80.2                 | 87.5                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 16.8                           |
| 18.0                           | 79.3                 | 87.3                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 78.0                 | 86.9                            | 13 600 *                     | 79.3                 | 86.6                            | 13 600*                      | 80.6                 | 86.1                            | 13 600*                      | 20.0                           |
| 22.0                           | 76.6                 | 86.4                            | 13 600 *                     | 77.9                 | 86.2                            | 13 600*                      | 79.2                 | 85.6                            | 13 600*                      | 22.0                           |
| 24.0                           | 75.2                 | 85.9                            | 13 600 *                     | 76.6                 | 85.7                            | 13 600*                      | 77.9                 | 85.1                            | 13 600*                      | 24.0                           |
| 26.0                           | 73.9                 | 85.3                            | 13 600 *                     | 75.2                 | 85.1                            | 13 600*                      | 76.5                 | 84.5                            | 13 600*                      | 26.0                           |
| 28.0                           | 72.5                 | 84.7                            | 13 600 *                     | 73.8                 | 84.5                            | 13 600*                      | 75.1                 | 83.9                            | 13 600*                      | 28.0                           |
| 32.0                           | 69.7                 | 83.3                            | 13 600 *                     | 71.0                 | 83.1                            | 13 600*                      | 72.2                 | 82.5                            | 13 600*                      | 32.0                           |
| 36.0                           | 66.8                 | 81.7                            | 13 400                       | 68.1                 | 81.4                            | 13 600*                      | 69.3                 | 80.8                            | 13 600*                      | 36.0                           |
| 40.0                           | 63.9                 | 79.8                            | 11 300                       | 65.2                 | 79.6                            | 11 700                       | 66.4                 | 79.0                            | 12 000                       | 40.0                           |
| 44.0                           | 60.9                 | 77.7                            | 9 400                        | 62.2                 | 77.4                            | 9 700                        | 63.3                 | 76.8                            | 10 000                       | 44.0                           |
| 48.0                           | 57.8                 | 75.3                            | 7 800                        | 59.0                 | 75.0                            | 8 100                        | 60.2                 | 74.4                            | 8 400                        | 48.0                           |
| 52.0                           | 54.6                 | 72.6                            | 6 500                        | 55.8                 | 72.3                            | 6 700                        | 57.0                 | 71.6                            | 7 000                        | 52.0                           |
| 56.0                           | 51.2                 | 69.5                            | 5 400                        | 52.5                 | 69.2                            | 5 600                        | 53.6                 | 68.5                            | 5 800                        | 56.0                           |
| 60.0                           | 47.7                 | 66.1                            | 4 400                        | 49.0                 | 65.8                            | 4 600                        | 50.0                 | 65.0                            | 4 800                        | 60.0                           |
| 64.0                           | 44.0                 | 62.1                            | 3 600                        | 45.2                 | 61.8                            | 3 800                        | 46.2                 | 61.0                            | 3 900                        | 64.0                           |
| 68.0                           | 40.0                 | 57.6                            | 2 800                        | 41.2                 | 57.3                            | 3 000                        | 42.2                 | 56.4                            | 3 100                        | 68.0                           |
| 72.0                           | 35.7                 | 52.4                            | 2 200                        | 36.8                 | 52.1                            | 2 300                        |                      |                                 |                              | 72.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 12.2m (40 Ft.) JIB

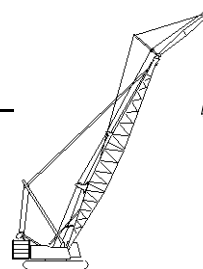
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 76.2m (250 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 16.8                           | 80.5                 | 90.6                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 16.8                           |
| 18.0                           | 79.7                 | 90.4                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 78.4                 | 90.0                            | 13 600 *                     |                      |                                 | 13 600 *                     |                      |                                 |                              | 20.0                           |
| 22.0                           | 77.1                 | 89.5                            | 13 600 *                     | 79.7                 | 89.8                            | 13 600 *                     | 79.6                 | 88.7                            | 13 600 *                     | 22.0                           |
| 24.0                           | 75.7                 | 89.0                            | 13 600 *                     | 78.4                 | 89.3                            | 13 600 *                     | 78.3                 | 88.2                            | 13 600 *                     | 24.0                           |
|                                |                      |                                 |                              | 77.0                 | 88.8                            | 13 600 *                     |                      |                                 |                              |                                |
| 26.0                           | 74.4                 | 88.5                            | 13 600 *                     | 75.7                 | 88.3                            | 13 600 *                     | 77.0                 | 87.7                            | 13 600 *                     | 26.0                           |
| 28.0                           | 73.1                 | 87.9                            | 13 600 *                     | 74.4                 | 87.7                            | 13 600 *                     | 75.6                 | 87.1                            | 13 600 *                     | 28.0                           |
| 32.0                           | 70.4                 | 86.6                            | 13 600 *                     | 71.7                 | 86.3                            | 13 600 *                     | 72.9                 | 85.7                            | 13 600 *                     | 32.0                           |
| 36.0                           | 67.6                 | 85.0                            | 13 300                       | 68.9                 | 84.8                            | 13 600 *                     | 70.1                 | 84.2                            | 13 600 *                     | 36.0                           |
| 40.0                           | 64.8                 | 83.2                            | 11 100                       | 66.1                 | 83.0                            | 11 500                       | 67.3                 | 82.3                            | 11 900                       | 40.0                           |
|                                |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 44.0                           | 61.9                 | 81.2                            | 9 200                        | 63.2                 | 80.9                            | 9 600                        | 64.4                 | 80.3                            | 9 900                        | 44.0                           |
| 48.0                           | 59.0                 | 78.9                            | 7 700                        | 60.2                 | 78.6                            | 7 900                        | 61.4                 | 78.0                            | 8 200                        | 48.0                           |
| 52.0                           | 55.9                 | 76.3                            | 6 300                        | 57.2                 | 76.0                            | 6 600                        | 58.3                 | 75.4                            | 6 800                        | 52.0                           |
| 56.0                           | 52.8                 | 73.4                            | 5 200                        | 54.0                 | 73.1                            | 5 500                        | 55.1                 | 72.4                            | 5 600                        | 56.0                           |
| 60.0                           | 49.5                 | 70.1                            | 4 200                        | 50.7                 | 69.9                            | 4 400                        | 51.7                 | 69.1                            | 4 600                        | 60.0                           |
|                                |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 64.0                           | 46.0                 | 66.5                            | 3 400                        | 47.2                 | 66.2                            | 3 600                        | 48.2                 | 65.4                            | 3 700                        | 64.0                           |
| 68.0                           | 42.3                 | 62.3                            | 2 600                        | 43.5                 | 62.0                            | 2 800                        | 44.4                 | 61.1                            | 2 900                        | 68.0                           |
| 72.0                           | 38.3                 | 57.5                            | 2 000                        | 39.5                 | 57.2                            | 2 100                        | 40.3                 | 56.3                            | 2 200                        | 72.0                           |
| 79.2m (260 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 16.8                           | 80.8                 | 93.7                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 16.8                           |
| 18.0                           | 80.0                 | 93.5                            | 13 600 *                     |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 78.8                 | 93.1                            | 13 600 *                     | 80.0                 | 92.9                            | 13 600 *                     |                      |                                 |                              | 20.0                           |
| 22.0                           | 77.5                 | 92.7                            | 13 600 *                     | 78.8                 | 92.4                            | 13 600 *                     | 80.0                 | 91.9                            | 13 600 *                     | 22.0                           |
| 24.0                           | 76.2                 | 92.2                            | 13 600 *                     | 77.5                 | 92.0                            | 13 600 *                     | 78.7                 | 91.4                            | 13 600 *                     | 24.0                           |
|                                |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 26.0                           | 74.9                 | 91.7                            | 13 600 *                     | 76.2                 | 91.4                            | 13 600 *                     | 77.4                 | 90.8                            | 13 600 *                     | 26.0                           |
| 28.0                           | 73.7                 | 91.1                            | 13 600 *                     | 74.9                 | 90.9                            | 13 600 *                     | 76.1                 | 90.3                            | 13 600 *                     | 28.0                           |
| 32.0                           | 71.1                 | 89.8                            | 13 600 *                     | 72.3                 | 89.6                            | 13 600 *                     | 73.5                 | 89.0                            | 13 600 *                     | 32.0                           |
| 36.0                           | 68.4                 | 88.3                            | 13 100                       | 69.6                 | 88.0                            | 13 400                       | 70.8                 | 87.4                            | 13 600 *                     | 36.0                           |
| 40.0                           | 65.7                 | 86.6                            | 10 900                       | 66.9                 | 86.3                            | 11 300                       | 68.1                 | 85.7                            | 11 700                       | 40.0                           |
|                                |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 44.0                           | 63.0                 | 84.6                            | 9 000                        | 64.2                 | 84.4                            | 9 300                        | 65.3                 | 83.7                            | 9 700                        | 44.0                           |
| 48.0                           | 60.1                 | 82.4                            | 7 400                        | 61.3                 | 82.2                            | 7 700                        | 62.4                 | 81.5                            | 8 000                        | 48.0                           |
| 52.0                           | 57.2                 | 80.0                            | 6 100                        | 58.4                 | 79.7                            | 6 400                        | 59.5                 | 79.0                            | 6 600                        | 52.0                           |
| 56.0                           | 54.2                 | 77.2                            | 4 900                        | 55.4                 | 76.9                            | 5 200                        | 56.4                 | 76.2                            | 5 400                        | 56.0                           |
| 60.0                           | 51.1                 | 74.1                            | 4 000                        | 52.2                 | 73.8                            | 4 200                        | 53.3                 | 73.1                            | 4 400                        | 60.0                           |
|                                |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 64.0                           | 47.8                 | 70.7                            | 3 200                        | 49.0                 | 70.4                            | 3 400                        | 49.9                 | 69.6                            | 3 500                        | 64.0                           |
| 68.0                           | 44.3                 | 66.8                            | 2 400                        | 45.5                 | 66.5                            | 2 600                        | 46.4                 | 65.6                            | 2 700                        | 68.0                           |
| 72.0                           |                      |                                 |                              |                      |                                 |                              | 42.7                 | 61.2                            | 2 000                        | 72.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 15.2m (50 Ft.) JIB

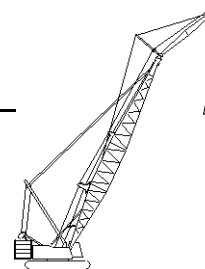
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 27.4m (90 Ft.) BOOM            |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 9.1                            | 81.0                 | 45.6                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 9.1                            |
| 10.0                           | 79.9                 | 45.4                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 10.0                           |
| 12.0                           | 77.2                 | 45.0                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 12.0                           |
| 14.0                           | 74.5                 | 44.5                            | 9 000 *                      | 77.8                 | 44.3                            | 9 000 *                      |                      |                                 |                              | 14.0                           |
| 16.0                           | 71.7                 | 43.8                            | 9 000 *                      | 75.0                 | 43.6                            | 9 000 *                      | 78.4                 | 43.1                            | 9 000 *                      | 16.0                           |
| 18.0                           | 68.9                 | 43.1                            | 9 000 *                      | 72.2                 | 42.9                            | 9 000 *                      | 75.5                 | 42.4                            | 9 000 *                      | 18.0                           |
| 20.0                           | 66.1                 | 42.3                            | 9 000 *                      | 69.4                 | 42.0                            | 9 000 *                      | 72.6                 | 41.5                            | 9 000 *                      | 20.0                           |
| 22.0                           | 63.2                 | 41.3                            | 9 000 *                      | 66.4                 | 41.1                            | 9 000 *                      | 69.6                 | 40.5                            | 9 000 *                      | 22.0                           |
| 24.0                           | 60.2                 | 40.2                            | 9 000 *                      | 63.4                 | 40.0                            | 9 000 *                      | 66.6                 | 39.4                            | 9 000 *                      | 24.0                           |
| 26.0                           | 57.1                 | 38.9                            | 9 000 *                      | 60.3                 | 38.7                            | 9 000 *                      | 63.4                 | 38.1                            | 9 000 *                      | 26.0                           |
| 28.0                           | 53.9                 | 37.5                            | 9 000 *                      | 57.1                 | 37.3                            | 9 000 *                      | 60.1                 | 36.7                            | 9 000 *                      | 28.0                           |
| 32.0                           | 47.0                 | 34.2                            | 9 000 *                      | 50.2                 | 33.9                            | 9 000 *                      | 53.1                 | 33.2                            | 9 000 *                      | 32.0                           |
| 36.0                           | 39.3                 | 29.8                            | 9 000 *                      | 42.4                 | 29.5                            | 9 000 *                      | 45.1                 | 28.7                            | 8 500 *                      | 36.0                           |
| 40.0                           | 29.9                 | 23.9                            | 9 000 *                      | 32.9                 | 23.5                            | 8 800 *                      |                      |                                 |                              | 40.0                           |
| 30.5m (100 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 10.7                           | 79.7                 | 48.4                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 10.7                           |
| 12.0                           | 78.0                 | 48.1                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 12.0                           |
| 14.0                           | 75.5                 | 47.6                            | 9 000 *                      | 78.6                 | 47.4                            | 9 000 *                      |                      |                                 |                              | 14.0                           |
| 16.0                           | 73.0                 | 47.1                            | 9 000 *                      | 76.1                 | 46.8                            | 9 000 *                      | 79.2                 | 46.3                            | 9 000 *                      | 16.0                           |
| 18.0                           | 70.4                 | 46.4                            | 9 000 *                      | 73.5                 | 46.2                            | 9 000 *                      | 76.5                 | 45.6                            | 9 000 *                      | 18.0                           |
| 20.0                           | 67.7                 | 45.6                            | 9 000 *                      | 70.8                 | 45.4                            | 9 000 *                      | 73.9                 | 44.8                            | 9 000 *                      | 20.0                           |
| 22.0                           | 65.0                 | 44.7                            | 9 000 *                      | 68.1                 | 44.5                            | 9 000 *                      | 71.1                 | 43.9                            | 9 000 *                      | 22.0                           |
| 24.0                           | 62.3                 | 43.7                            | 9 000 *                      | 65.4                 | 43.5                            | 9 000 *                      | 68.3                 | 42.8                            | 9 000 *                      | 24.0                           |
| 26.0                           | 59.5                 | 42.5                            | 9 000 *                      | 62.5                 | 42.3                            | 9 000 *                      | 65.4                 | 41.7                            | 9 000 *                      | 26.0                           |
| 28.0                           | 56.6                 | 41.3                            | 9 000 *                      | 59.6                 | 41.0                            | 9 000 *                      | 62.5                 | 40.4                            | 9 000 *                      | 28.0                           |
| 32.0                           | 50.4                 | 38.3                            | 9 000 *                      | 53.4                 | 38.0                            | 9 000 *                      | 56.2                 | 37.3                            | 9 000 *                      | 32.0                           |
| 36.0                           | 43.7                 | 34.5                            | 9 000 *                      | 46.6                 | 34.2                            | 9 000 *                      | 49.2                 | 33.4                            | 8 900 *                      | 36.0                           |
| 40.0                           | 35.9                 | 29.6                            | 9 000 *                      | 38.8                 | 29.2                            | 9 000 *                      | 41.2                 | 28.3                            | 8 200 *                      | 40.0                           |
| 44.0                           | 26.3                 | 22.8                            | 9 000 *                      | 29.0                 | 22.4                            | 8 600 *                      |                      |                                 |                              | 44.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 15.2m (50 Ft.) JIB

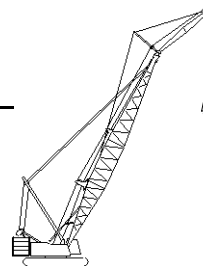
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 33.5m (110 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 10.7                           | 80.3                 | 51.5                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 10.7                           |
| 12.0                           | 78.8                 | 51.2                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 12.0                           |
| 14.0                           | 76.4                 | 50.8                            | 9 000 *                      | 79.3                 | 50.6                            | 9 000 *                      |                      |                                 |                              | 14.0                           |
| 16.0                           | 74.0                 | 50.2                            | 9 000 *                      | 76.9                 | 50.0                            | 9 000 *                      | 79.9                 | 49.5                            | 9 000 *                      | 16.0                           |
| 18.0                           | 71.6                 | 49.6                            | 9 000 *                      | 74.5                 | 49.4                            | 9 000 *                      | 77.4                 | 48.8                            | 9 000 *                      | 18.0                           |
| 20.0                           | 69.2                 | 48.9                            | 9 000 *                      | 72.1                 | 48.7                            | 9 000 *                      | 74.9                 | 48.1                            | 9 000 *                      | 20.0                           |
| 22.0                           | 66.7                 | 48.0                            | 9 000 *                      | 69.6                 | 47.8                            | 9 000 *                      | 72.4                 | 47.2                            | 9 000 *                      | 22.0                           |
| 24.0                           | 64.1                 | 47.1                            | 9 000 *                      | 67.0                 | 46.9                            | 9 000 *                      | 69.8                 | 46.3                            | 9 000 *                      | 24.0                           |
| 26.0                           | 61.5                 | 46.1                            | 9 000 *                      | 64.4                 | 45.8                            | 9 000 *                      | 67.2                 | 45.2                            | 9 000 *                      | 26.0                           |
| 28.0                           | 58.9                 | 44.9                            | 9 000 *                      | 61.7                 | 44.7                            | 9 000 *                      | 64.4                 | 44.0                            | 9 000 *                      | 28.0                           |
| 32.0                           | 53.3                 | 42.2                            | 9 000 *                      | 56.1                 | 41.9                            | 9 000 *                      | 58.7                 | 41.2                            | 9 000 *                      | 32.0                           |
| 36.0                           | 47.3                 | 38.8                            | 9 000 *                      | 50.0                 | 38.5                            | 9 000 *                      | 52.5                 | 37.7                            | 9 000 *                      | 36.0                           |
| 40.0                           | 40.6                 | 34.5                            | 9 000 *                      | 43.3                 | 34.2                            | 9 000 *                      | 45.6                 | 33.4                            | 8 600 *                      | 40.0                           |
| 44.0                           | 32.8                 | 29.1                            | 9 000 *                      | 35.4                 | 28.7                            | 9 000 *                      | 37.5                 | 27.6                            | 8 000 *                      | 44.0                           |
| 48.0                           | 22.7                 | 21.3                            | 8 900 *                      |                      |                                 |                              |                      |                                 |                              | 48.0                           |
| 36.6m (120 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 10.7                           | 80.9                 | 54.6                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 10.7                           |
| 12.0                           | 79.4                 | 54.4                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 12.0                           |
| 14.0                           | 77.2                 | 53.9                            | 9 000 *                      | 80.0                 | 53.7                            | 9 000 *                      |                      |                                 |                              | 14.0                           |
| 16.0                           | 75.0                 | 53.4                            | 9 000 *                      | 77.7                 | 53.2                            | 9 000 *                      |                      |                                 |                              | 16.0                           |
| 18.0                           | 72.7                 | 52.8                            | 9 000 *                      | 75.5                 | 52.6                            | 9 000 *                      | 78.2                 | 52.0                            | 9 000 *                      | 18.0                           |
| 20.0                           | 70.4                 | 52.1                            | 9 000 *                      | 73.2                 | 51.9                            | 9 000 *                      | 75.9                 | 51.3                            | 9 000 *                      | 20.0                           |
| 22.0                           | 68.1                 | 51.4                            | 9 000 *                      | 70.8                 | 51.1                            | 9 000 *                      | 73.5                 | 50.5                            | 9 000 *                      | 22.0                           |
| 24.0                           | 65.7                 | 50.5                            | 9 000 *                      | 68.4                 | 50.3                            | 9 000 *                      | 71.1                 | 49.6                            | 9 000 *                      | 24.0                           |
| 26.0                           | 63.3                 | 49.5                            | 9 000 *                      | 66.0                 | 49.3                            | 9 000 *                      | 68.6                 | 48.6                            | 9 000 *                      | 26.0                           |
| 28.0                           | 60.9                 | 48.4                            | 9 000 *                      | 63.5                 | 48.2                            | 9 000 *                      | 66.1                 | 47.5                            | 9 000 *                      | 28.0                           |
| 32.0                           | 55.7                 | 45.9                            | 9 000 *                      | 58.4                 | 45.7                            | 9 000 *                      | 60.9                 | 45.0                            | 9 000 *                      | 32.0                           |
| 36.0                           | 50.3                 | 42.9                            | 9 000 *                      | 52.9                 | 42.6                            | 9 000 *                      | 55.3                 | 41.8                            | 9 000 *                      | 36.0                           |
| 40.0                           | 44.3                 | 39.1                            | 9 000 *                      | 46.9                 | 38.8                            | 9 000 *                      | 49.2                 | 38.0                            | 8 900 *                      | 40.0                           |
| 44.0                           | 37.7                 | 34.4                            | 9 000 *                      | 40.2                 | 34.1                            | 9 000 *                      | 42.3                 | 33.1                            | 8 300 *                      | 44.0                           |
| 48.0                           | 29.7                 | 28.3                            | 9 000 *                      | 32.1                 | 27.9                            | 8 800 *                      |                      |                                 |                              | 48.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 15.2m (50 Ft.) JIB

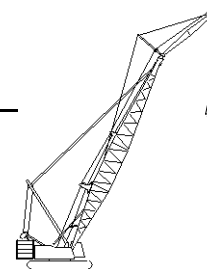
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 39.6m (130 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 12.2                           | 79.8                 | 57.4                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 12.2                           |
| 14.0                           | 77.9                 | 57.1                            | 9 000 *                      | 80.5                 | 56.8                            | 9 000 *                      |                      |                                 |                              | 14.0                           |
| 16.0                           | 75.8                 | 56.6                            | 9 000 *                      | 78.4                 | 56.3                            | 9 000 *                      |                      |                                 |                              | 16.0                           |
| 18.0                           | 73.7                 | 56.0                            | 9 000 *                      | 76.3                 | 55.8                            | 9 000 *                      | 78.9                 | 55.2                            | 9 000 *                      | 18.0                           |
| 20.0                           | 71.5                 | 55.4                            | 9 000 *                      | 74.1                 | 55.1                            | 9 000 *                      | 76.7                 | 54.5                            | 9 000 *                      | 20.0                           |
| 22.0                           | 69.3                 | 54.6                            | 9 000 *                      | 71.9                 | 54.4                            | 9 000 *                      | 74.5                 | 53.8                            | 9 000 *                      | 22.0                           |
| 24.0                           | 67.1                 | 53.8                            | 9 000 *                      | 69.7                 | 53.6                            | 9 000 *                      | 72.2                 | 53.0                            | 9 000 *                      | 24.0                           |
| 26.0                           | 64.9                 | 52.9                            | 9 000 *                      | 67.4                 | 52.7                            | 9 000 *                      | 69.9                 | 52.0                            | 9 000 *                      | 26.0                           |
| 28.0                           | 62.6                 | 51.9                            | 9 000 *                      | 65.1                 | 51.7                            | 9 000 *                      | 67.6                 | 51.0                            | 9 000 *                      | 28.0                           |
| 32.0                           | 57.8                 | 49.6                            | 9 000 *                      | 60.4                 | 49.3                            | 9 000 *                      | 62.8                 | 48.6                            | 9 000 *                      | 32.0                           |
| 36.0                           | 52.8                 | 46.8                            | 9 000 *                      | 55.3                 | 46.5                            | 9 000 *                      | 57.6                 | 45.8                            | 9 000 *                      | 36.0                           |
| 40.0                           | 47.5                 | 43.4                            | 9 000 *                      | 49.9                 | 43.1                            | 9 000 *                      | 52.1                 | 42.3                            | 9 000 *                      | 40.0                           |
| 44.0                           | 41.6                 | 39.2                            | 9 000 *                      | 44.0                 | 38.9                            | 9 000 *                      | 46.1                 | 38.0                            | 8 600 *                      | 44.0                           |
| 48.0                           | 34.9                 | 34.1                            | 9 000 *                      | 37.2                 | 33.7                            | 9 000 *                      | 39.1                 | 32.7                            | 8 100 *                      | 48.0                           |
| 52.0                           | 26.8                 | 27.3                            | 9 000                        |                      |                                 |                              |                      |                                 |                              | 52.0                           |
| 42.7m (140 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 12.2                           | 80.3                 | 60.5                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 12.2                           |
| 14.0                           | 78.6                 | 60.2                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 76.6                 | 59.7                            | 9 000 *                      | 79.0                 | 59.5                            | 9 000 *                      |                      |                                 |                              | 16.0                           |
| 18.0                           | 74.5                 | 59.2                            | 9 000 *                      | 77.0                 | 59.0                            | 9 000 *                      | 79.5                 | 58.4                            | 9 000 *                      | 18.0                           |
| 20.0                           | 72.5                 | 58.6                            | 9 000 *                      | 75.0                 | 58.3                            | 9 000 *                      | 77.4                 | 57.7                            | 9 000 *                      | 20.0                           |
| 22.0                           | 70.5                 | 57.9                            | 9 000 *                      | 72.9                 | 57.7                            | 9 000 *                      | 75.3                 | 57.0                            | 9 000 *                      | 22.0                           |
| 24.0                           | 68.4                 | 57.1                            | 9 000 *                      | 70.8                 | 56.9                            | 9 000 *                      | 73.2                 | 56.3                            | 9 000 *                      | 24.0                           |
| 26.0                           | 66.3                 | 56.3                            | 9 000 *                      | 68.7                 | 56.0                            | 9 000 *                      | 71.1                 | 55.4                            | 9 000 *                      | 26.0                           |
| 28.0                           | 64.1                 | 55.3                            | 9 000 *                      | 66.5                 | 55.1                            | 9 000 *                      | 68.9                 | 54.4                            | 9 000 *                      | 28.0                           |
| 32.0                           | 59.7                 | 53.2                            | 9 000 *                      | 62.1                 | 52.9                            | 9 000 *                      | 64.4                 | 52.2                            | 9 000 *                      | 32.0                           |
| 36.0                           | 55.1                 | 50.6                            | 9 000 *                      | 57.4                 | 50.3                            | 9 000 *                      | 59.6                 | 49.6                            | 9 000 *                      | 36.0                           |
| 40.0                           | 50.1                 | 47.5                            | 9 000 *                      | 52.5                 | 47.2                            | 9 000 *                      | 54.6                 | 46.4                            | 9 000 *                      | 40.0                           |
| 44.0                           | 44.8                 | 43.7                            | 9 000 *                      | 47.1                 | 43.4                            | 9 000 *                      | 49.2                 | 42.6                            | 8 900 *                      | 44.0                           |
| 48.0                           | 39.0                 | 39.2                            | 9 000 *                      | 41.2                 | 38.9                            | 9 000 *                      | 43.1                 | 37.9                            | 8 400 *                      | 48.0                           |
| 52.0                           | 32.2                 | 33.5                            | 8 900                        | 34.4                 | 33.1                            | 8 900                        |                      |                                 |                              | 52.0                           |
| 56.0                           | 23.8                 | 25.9                            | 7 800                        |                      |                                 |                              |                      |                                 |                              | 56.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 15.2m (50 Ft.) JIB

| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 45.7m (150 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 12.2                           | 80.8                 | 63.6                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 12.2                           |
| 14.0                           | 79.1                 | 63.3                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 77.2                 | 62.8                            | 9 000 *                      | 79.6                 | 62.6                            | 9 000 *                      |                      |                                 |                              | 16.0                           |
| 18.0                           | 75.3                 | 62.3                            | 9 000 *                      | 77.7                 | 62.1                            | 9 000 *                      |                      |                                 |                              | 18.0                           |
| 20.0                           | 73.4                 | 61.8                            | 9 000 *                      | 75.7                 | 61.5                            | 9 000 *                      | 78.1                 | 60.9                            | 9 000 *                      | 20.0                           |
| 22.0                           | 71.5                 | 61.1                            | 9 000 *                      | 73.8                 | 60.9                            | 9 000 *                      | 76.1                 | 60.3                            | 9 000 *                      | 22.0                           |
| 24.0                           | 69.5                 | 60.4                            | 9 000 *                      | 71.8                 | 60.2                            | 9 000 *                      | 74.1                 | 59.5                            | 9 000 *                      | 24.0                           |
| 26.0                           | 67.5                 | 59.6                            | 9 000 *                      | 69.8                 | 59.4                            | 9 000 *                      | 72.1                 | 58.7                            | 9 000 *                      | 26.0                           |
| 28.0                           | 65.5                 | 58.7                            | 9 000 *                      | 67.8                 | 58.5                            | 9 000 *                      | 70.0                 | 57.8                            | 9 000 *                      | 28.0                           |
| 32.0                           | 61.3                 | 56.7                            | 9 000 *                      | 63.6                 | 56.4                            | 9 000 *                      | 65.8                 | 55.7                            | 9 000 *                      | 32.0                           |
| 36.0                           | 57.0                 | 54.2                            | 9 000 *                      | 59.3                 | 54.0                            | 9 000 *                      | 61.4                 | 53.3                            | 9 000 *                      | 36.0                           |
| 40.0                           | 52.5                 | 51.4                            | 9 000 *                      | 54.7                 | 51.1                            | 9 000 *                      | 56.8                 | 50.3                            | 9 000 *                      | 40.0                           |
| 44.0                           | 47.6                 | 48.0                            | 9 000 *                      | 49.8                 | 47.7                            | 9 000 *                      | 51.8                 | 46.9                            | 9 000 *                      | 44.0                           |
| 48.0                           | 42.4                 | 43.9                            | 9 000 *                      | 44.5                 | 43.6                            | 9 000 *                      | 46.4                 | 42.7                            | 8 600 *                      | 48.0                           |
| 52.0                           | 36.5                 | 39.0                            | 8 700                        | 38.6                 | 38.6                            | 8 800                        | 40.3                 | 37.6                            | 8 200 *                      | 52.0                           |
| 56.0                           | 29.6                 | 32.7                            | 7 500                        | 31.7                 | 32.3                            | 7 600                        |                      |                                 |                              | 56.0                           |
| 60.0                           | 20.8                 | 24.1                            | 6 500                        |                      |                                 |                              |                      |                                 |                              | 60.0                           |
| 48.8m (160 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 13.7                           | 79.9                 | 66.4                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 13.7                           |
| 14.0                           | 79.6                 | 66.4                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 77.8                 | 66.0                            | 9 000 *                      | 80.1                 | 65.7                            | 9 000 *                      |                      |                                 |                              | 16.0                           |
| 18.0                           | 76.0                 | 65.5                            | 9 000 *                      | 78.3                 | 65.3                            | 9 000 *                      |                      |                                 |                              | 18.0                           |
| 20.0                           | 74.2                 | 65.0                            | 9 000 *                      | 76.4                 | 64.7                            | 9 000 *                      | 78.6                 | 64.1                            | 9 000 *                      | 20.0                           |
| 22.0                           | 72.4                 | 64.3                            | 9 000 *                      | 74.6                 | 64.1                            | 9 000 *                      | 76.8                 | 63.5                            | 9 000 *                      | 22.0                           |
| 24.0                           | 70.5                 | 63.7                            | 9 000 *                      | 72.7                 | 63.4                            | 9 000 *                      | 74.9                 | 62.8                            | 9 000 *                      | 24.0                           |
| 26.0                           | 68.6                 | 62.9                            | 9 000 *                      | 70.8                 | 62.6                            | 9 000 *                      | 73.0                 | 62.0                            | 9 000 *                      | 26.0                           |
| 28.0                           | 66.7                 | 62.1                            | 9 000 *                      | 68.9                 | 61.8                            | 9 000 *                      | 71.0                 | 61.1                            | 9 000 *                      | 28.0                           |
| 32.0                           | 62.8                 | 60.1                            | 9 000 *                      | 65.0                 | 59.9                            | 9 000 *                      | 67.1                 | 59.2                            | 9 000 *                      | 32.0                           |
| 36.0                           | 58.7                 | 57.9                            | 9 000 *                      | 60.9                 | 57.6                            | 9 000 *                      | 62.9                 | 56.9                            | 9 000 *                      | 36.0                           |
| 40.0                           | 54.5                 | 55.2                            | 9 000 *                      | 56.7                 | 54.9                            | 9 000 *                      | 58.6                 | 54.2                            | 9 000 *                      | 40.0                           |
| 44.0                           | 50.0                 | 52.1                            | 9 000 *                      | 52.2                 | 51.8                            | 9 000 *                      | 54.1                 | 51.0                            | 9 000 *                      | 44.0                           |
| 48.0                           | 45.2                 | 48.4                            | 9 000 *                      | 47.3                 | 48.0                            | 9 000 *                      | 49.1                 | 47.2                            | 8 900 *                      | 48.0                           |
| 52.0                           | 40.0                 | 44.0                            | 8 400                        | 42.0                 | 43.6                            | 8 600                        | 43.8                 | 42.6                            | 8 400 *                      | 52.0                           |
| 56.0                           | 34.1                 | 38.6                            | 7 300                        | 36.1                 | 38.2                            | 7 400                        | 37.6                 | 37.1                            | 7 600                        | 56.0                           |
| 60.0                           | 27.1                 | 31.7                            | 6 300                        | 29.0                 | 31.2                            | 6 400                        |                      |                                 |                              | 60.0                           |
| 64.0                           | 17.7                 | 21.8                            | 5 400                        |                      |                                 |                              |                      |                                 |                              | 64.0                           |

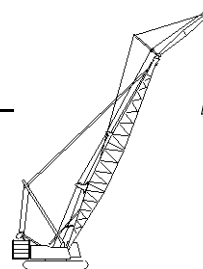




# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 15.2m (50 Ft.) JIB

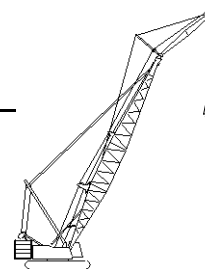
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 51.8m (170 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 13.7                           | 80.4                 | 69.5                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 13.7                           |
| 14.0                           | 80.1                 | 69.5                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 78.4                 | 69.1                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 76.7                 | 68.6                            | 9 000 *                      | 78.8                 | 68.4                            | 9 000 *                      |                      |                                 |                              | 18.0                           |
| 20.0                           | 74.9                 | 68.1                            | 9 000 *                      | 77.1                 | 67.9                            | 9 000 *                      | 79.2                 | 67.2                            | 9 000 *                      | 20.0                           |
| 22.0                           | 73.2                 | 67.5                            | 9 000 *                      | 75.3                 | 67.3                            | 9 000 *                      | 77.4                 | 66.7                            | 9 000 *                      | 22.0                           |
| 24.0                           | 71.4                 | 66.9                            | 9 000 *                      | 73.5                 | 66.6                            | 9 000 *                      | 75.6                 | 66.0                            | 9 000 *                      | 24.0                           |
| 26.0                           | 69.6                 | 66.2                            | 9 000 *                      | 71.7                 | 65.9                            | 9 000 *                      | 73.8                 | 65.3                            | 9 000 *                      | 26.0                           |
| 28.0                           | 67.8                 | 65.4                            | 9 000 *                      | 69.9                 | 65.1                            | 9 000 *                      | 72.0                 | 64.5                            | 9 000 *                      | 28.0                           |
| 32.0                           | 64.1                 | 63.6                            | 9 000 *                      | 66.2                 | 63.3                            | 9 000 *                      | 68.2                 | 62.6                            | 9 000 *                      | 32.0                           |
| 36.0                           | 60.3                 | 61.4                            | 9 000 *                      | 62.4                 | 61.1                            | 9 000 *                      | 64.3                 | 60.4                            | 9 000 *                      | 36.0                           |
| 40.0                           | 56.3                 | 58.9                            | 9 000 *                      | 58.4                 | 58.6                            | 9 000 *                      | 60.3                 | 57.9                            | 9 000 *                      | 40.0                           |
| 44.0                           | 52.2                 | 56.0                            | 9 000 *                      | 54.2                 | 55.7                            | 9 000 *                      | 56.0                 | 54.9                            | 9 000 *                      | 44.0                           |
| 48.0                           | 47.7                 | 52.6                            | 9 000 *                      | 49.7                 | 52.3                            | 9 000 *                      | 51.5                 | 51.4                            | 9 000 *                      | 48.0                           |
| 52.0                           | 43.0                 | 48.6                            | 8 200                        | 45.0                 | 48.2                            | 8 500                        | 46.6                 | 47.3                            | 8 600                        | 52.0                           |
| 56.0                           | 37.7                 | 43.8                            | 7 100                        | 39.7                 | 43.4                            | 7 300                        | 41.2                 | 42.4                            | 7 400                        | 56.0                           |
| 60.0                           | 31.8                 | 38.0                            | 6 200                        | 33.7                 | 37.5                            | 6 300                        |                      |                                 |                              | 60.0                           |
| 64.0                           | 24.6                 | 30.4                            | 5 300                        |                      |                                 |                              |                      |                                 |                              | 64.0                           |
| 54.9m (180 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 13.7                           | 80.8                 | 72.6                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 13.7                           |
| 14.0                           | 80.5                 | 72.6                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 78.9                 | 72.2                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 77.3                 | 71.8                            | 9 000 *                      | 79.3                 | 71.5                            | 9 000 *                      |                      |                                 |                              | 18.0                           |
| 20.0                           | 75.6                 | 71.3                            | 9 000 *                      | 77.6                 | 71.0                            | 9 000 *                      | 79.7                 | 70.4                            | 9 000 *                      | 20.0                           |
| 22.0                           | 73.9                 | 70.7                            | 9 000 *                      | 76.0                 | 70.5                            | 9 000 *                      | 78.0                 | 69.8                            | 9 000 *                      | 22.0                           |
| 24.0                           | 72.2                 | 70.1                            | 9 000 *                      | 74.3                 | 69.9                            | 9 000 *                      | 76.3                 | 69.2                            | 9 000 *                      | 24.0                           |
| 26.0                           | 70.5                 | 69.4                            | 9 000 *                      | 72.6                 | 69.2                            | 9 000 *                      | 74.5                 | 68.5                            | 9 000 *                      | 26.0                           |
| 28.0                           | 68.8                 | 68.7                            | 9 000 *                      | 70.8                 | 68.4                            | 9 000 *                      | 72.8                 | 67.7                            | 9 000 *                      | 28.0                           |
| 32.0                           | 65.3                 | 66.9                            | 9 000 *                      | 67.3                 | 66.7                            | 9 000 *                      | 69.2                 | 66.0                            | 9 000 *                      | 32.0                           |
| 36.0                           | 61.7                 | 64.9                            | 9 000 *                      | 63.7                 | 64.6                            | 9 000 *                      | 65.6                 | 63.9                            | 9 000 *                      | 36.0                           |
| 40.0                           | 58.0                 | 62.6                            | 9 000 *                      | 59.9                 | 62.3                            | 9 000 *                      | 61.8                 | 61.5                            | 9 000 *                      | 40.0                           |
| 44.0                           | 54.1                 | 59.8                            | 9 000 *                      | 56.0                 | 59.5                            | 9 000 *                      | 57.8                 | 58.8                            | 9 000 *                      | 44.0                           |
| 48.0                           | 49.9                 | 56.7                            | 9 000 *                      | 51.9                 | 56.3                            | 9 000 *                      | 53.6                 | 55.5                            | 9 000 *                      | 48.0                           |
| 52.0                           | 45.6                 | 53.0                            | 8 100                        | 47.5                 | 52.7                            | 8 200                        | 49.1                 | 51.8                            | 8 500                        | 52.0                           |
| 56.0                           | 40.8                 | 48.7                            | 6 900                        | 42.7                 | 48.3                            | 7 100                        | 44.3                 | 47.3                            | 7 300                        | 56.0                           |
| 60.0                           | 35.6                 | 43.5                            | 5 900                        | 37.4                 | 43.1                            | 6 100                        | 38.8                 | 42.0                            | 6 200                        | 60.0                           |
| 64.0                           | 29.5                 | 37.2                            | 5 100                        | 31.3                 | 36.7                            | 5 200                        |                      |                                 |                              | 64.0                           |
| 68.0                           | 22.0                 | 28.8                            | 4 400                        |                      |                                 |                              |                      |                                 |                              | 68.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 15.2m (50 Ft.) JIB

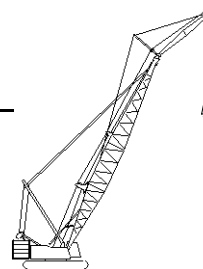
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 57.9m (190 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 15.2                           | 80.0                 | 75.5                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 15.2                           |
| 16.0                           | 79.4                 | 75.3                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 77.8                 | 74.9                            | 9 000 *                      | 79.7                 | 74.7                            | 9 000 *                      |                      |                                 |                              | 18.0                           |
| 20.0                           | 76.2                 | 74.4                            | 9 000 *                      | 78.2                 | 74.2                            | 9 000 *                      | 80.1                 | 73.5                            | 9 000 *                      | 20.0                           |
| 22.0                           | 74.6                 | 73.9                            | 9 000 *                      | 76.6                 | 73.6                            | 9 000 *                      | 78.5                 | 73.0                            | 9 000 *                      | 22.0                           |
| 24.0                           | 73.0                 | 73.3                            | 9 000 *                      | 74.9                 | 73.1                            | 9 000 *                      | 76.9                 | 72.4                            | 9 000 *                      | 24.0                           |
| 26.0                           | 71.4                 | 72.6                            | 9 000 *                      | 73.3                 | 72.4                            | 9 000 *                      | 75.2                 | 71.7                            | 9 000 *                      | 26.0                           |
| 28.0                           | 69.7                 | 71.9                            | 9 000 *                      | 71.7                 | 71.7                            | 9 000 *                      | 73.5                 | 71.0                            | 9 000 *                      | 28.0                           |
| 32.0                           | 66.4                 | 70.3                            | 9 000 *                      | 68.3                 | 70.0                            | 9 000 *                      | 70.2                 | 69.3                            | 9 000 *                      | 32.0                           |
| 36.0                           | 63.0                 | 68.4                            | 9 000 *                      | 64.9                 | 68.1                            | 9 000 *                      | 66.7                 | 67.4                            | 9 000 *                      | 36.0                           |
| 40.0                           | 59.4                 | 66.1                            | 9 000 *                      | 61.3                 | 65.9                            | 9 000 *                      | 63.1                 | 65.1                            | 9 000 *                      | 40.0                           |
| 44.0                           | 55.7                 | 63.6                            | 9 000 *                      | 57.6                 | 63.3                            | 9 000 *                      | 59.4                 | 62.5                            | 9 000 *                      | 44.0                           |
| 48.0                           | 51.9                 | 60.6                            | 8 900                        | 53.8                 | 60.3                            | 9 000 *                      | 55.4                 | 59.5                            | 9 000 *                      | 48.0                           |
| 52.0                           | 47.8                 | 57.2                            | 7 800                        | 49.7                 | 56.9                            | 8 000                        | 51.3                 | 56.0                            | 8 200                        | 52.0                           |
| 56.0                           | 43.5                 | 53.2                            | 6 700                        | 45.3                 | 52.9                            | 6 900                        | 46.9                 | 52.0                            | 7 000                        | 56.0                           |
| 60.0                           | 38.8                 | 48.6                            | 5 700                        | 40.6                 | 48.2                            | 5 800                        | 42.0                 | 47.2                            | 6 000                        | 60.0                           |
| 64.0                           | 33.5                 | 43.1                            | 4 900                        | 35.2                 | 42.6                            | 5 000                        |                      |                                 |                              | 64.0                           |
| 68.0                           | 27.3                 | 36.2                            | 4 100                        | 29.0                 | 35.6                            | 4 200                        |                      |                                 |                              | 68.0                           |
| 61.0m (200 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 15.2                           | 80.4                 | 78.6                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 15.2                           |
| 16.0                           | 79.8                 | 78.4                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 78.3                 | 78.0                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 76.8                 | 77.6                            | 9 000 *                      | 78.6                 | 77.3                            | 9 000 *                      | 80.5                 | 76.7                            | 9 000 *                      | 20.0                           |
| 22.0                           | 75.2                 | 77.1                            | 9 000 *                      | 77.1                 | 76.8                            | 9 000 *                      | 79.0                 | 76.2                            | 9 000 *                      | 22.0                           |
| 24.0                           | 73.7                 | 76.5                            | 9 000 *                      | 75.6                 | 76.2                            | 9 000 *                      | 77.4                 | 75.6                            | 9 000 *                      | 24.0                           |
| 26.0                           | 72.1                 | 75.9                            | 9 000 *                      | 74.0                 | 75.6                            | 9 000 *                      | 75.8                 | 74.9                            | 9 000 *                      | 26.0                           |
| 28.0                           | 70.6                 | 75.2                            | 9 000 *                      | 72.4                 | 74.9                            | 9 000 *                      | 74.2                 | 74.2                            | 9 000 *                      | 28.0                           |
| 32.0                           | 67.4                 | 73.6                            | 9 000 *                      | 69.2                 | 73.3                            | 9 000 *                      | 71.0                 | 72.7                            | 9 000 *                      | 32.0                           |
| 36.0                           | 64.1                 | 71.8                            | 9 000 *                      | 65.9                 | 71.5                            | 9 000 *                      | 67.7                 | 70.8                            | 9 000 *                      | 36.0                           |
| 40.0                           | 60.8                 | 69.7                            | 9 000 *                      | 62.6                 | 69.4                            | 9 000 *                      | 64.3                 | 68.7                            | 9 000 *                      | 40.0                           |
| 44.0                           | 57.3                 | 67.2                            | 9 000 *                      | 59.1                 | 66.9                            | 9 000 *                      | 60.8                 | 66.2                            | 9 000 *                      | 44.0                           |
| 48.0                           | 53.7                 | 64.4                            | 8 800                        | 55.5                 | 64.1                            | 9 000                        | 57.1                 | 63.4                            | 9 000 *                      | 48.0                           |
| 52.0                           | 49.9                 | 61.3                            | 7 600                        | 51.6                 | 60.9                            | 7 800                        | 53.2                 | 60.1                            | 8 100                        | 52.0                           |
| 56.0                           | 45.8                 | 57.6                            | 6 400                        | 47.6                 | 57.3                            | 6 600                        | 49.1                 | 56.4                            | 6 900                        | 56.0                           |
| 60.0                           | 41.5                 | 53.4                            | 5 500                        | 43.3                 | 53.0                            | 5 700                        | 44.7                 | 52.0                            | 5 800                        | 60.0                           |
| 64.0                           | 36.8                 | 48.4                            | 4 600                        | 38.5                 | 48.0                            | 4 800                        | 39.8                 | 46.9                            | 4 900                        | 64.0                           |
| 68.0                           | 31.5                 | 42.4                            | 3 900                        | 33.1                 | 42.0                            | 4 000                        |                      |                                 |                              | 68.0                           |
| 72.0                           | 25.1                 | 34.9                            | 3 200                        |                      |                                 |                              |                      |                                 |                              | 72.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 15.2m (50 Ft.) JIB

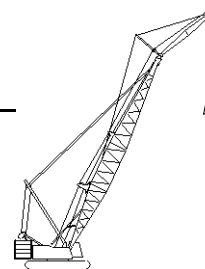
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 64.0m (210 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 15.2                           | 80.7                 | 81.6                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 15.2                           |
| 16.0                           | 80.2                 | 81.5                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 78.7                 | 81.1                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 77.3                 | 80.7                            | 9 000 *                      | 79.1                 | 80.4                            | 9 000 *                      | 80.9                 | 79.8                            | 9 000 *                      | 20.0                           |
| 22.0                           | 75.8                 | 80.2                            | 9 000 *                      | 77.6                 | 80.0                            | 9 000 *                      | 79.4                 | 79.3                            | 9 000 *                      | 22.0                           |
| 24.0                           | 74.3                 | 79.7                            | 9 000 *                      | 76.1                 | 79.4                            | 9 000 *                      | 77.9                 | 78.7                            | 9 000 *                      | 24.0                           |
| 26.0                           | 72.8                 | 79.1                            | 9 000 *                      | 74.6                 | 78.8                            | 9 000 *                      | 76.4                 | 78.1                            | 9 000 *                      | 26.0                           |
| 28.0                           | 71.3                 | 78.4                            | 9 000 *                      | 73.1                 | 78.1                            | 9 000 *                      | 74.9                 | 77.5                            | 9 000 *                      | 28.0                           |
| 32.0                           | 68.3                 | 76.9                            | 9 000 *                      | 70.1                 | 76.6                            | 9 000 *                      | 71.8                 | 76.0                            | 9 000 *                      | 32.0                           |
| 36.0                           | 65.2                 | 75.2                            | 9 000 *                      | 66.9                 | 74.9                            | 9 000 *                      | 68.6                 | 74.2                            | 9 000 *                      | 36.0                           |
| 40.0                           | 62.0                 | 73.1                            | 9 000 *                      | 63.7                 | 72.9                            | 9 000 *                      | 65.4                 | 72.1                            | 9 000 *                      | 40.0                           |
| 44.0                           | 58.7                 | 70.8                            | 9 000 *                      | 60.4                 | 70.6                            | 9 000 *                      | 62.0                 | 69.8                            | 9 000 *                      | 44.0                           |
| 48.0                           | 55.3                 | 68.2                            | 8 800                        | 57.0                 | 67.9                            | 8 900                        | 58.6                 | 67.1                            | 9 000                        | 48.0                           |
| 52.0                           | 51.7                 | 65.2                            | 7 400                        | 53.4                 | 64.9                            | 7 600                        | 54.9                 | 64.1                            | 7 900                        | 52.0                           |
| 56.0                           | 47.9                 | 61.8                            | 6 200                        | 49.6                 | 61.5                            | 6 500                        | 51.1                 | 60.6                            | 6 700                        | 56.0                           |
| 60.0                           | 43.9                 | 57.9                            | 5 300                        | 45.6                 | 57.5                            | 5 500                        | 47.0                 | 56.6                            | 5 700                        | 60.0                           |
| 64.0                           | 39.6                 | 53.4                            | 4 400                        | 41.3                 | 53.0                            | 4 600                        | 42.6                 | 52.0                            | 4 800                        | 64.0                           |
| 68.0                           | 34.9                 | 48.0                            | 3 700                        | 36.5                 | 47.6                            | 3 800                        | 37.7                 | 46.5                            | 3 900                        | 68.0                           |
| 72.0                           | 29.5                 | 41.6                            | 3 000                        | 31.0                 | 41.1                            | 3 200                        |                      |                                 |                              | 72.0                           |
| 76.0                           | 22.9                 | 33.4                            | 2 400                        |                      |                                 |                              |                      |                                 |                              | 76.0                           |
| 67.1m (220 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 16.8                           | 80.0                 | 84.5                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 16.8                           |
| 18.0                           | 79.1                 | 84.2                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 77.7                 | 83.8                            | 9 000 *                      | 79.5                 | 83.6                            | 9 000 *                      |                      |                                 |                              | 20.0                           |
| 22.0                           | 76.3                 | 83.3                            | 9 000 *                      | 78.1                 | 83.1                            | 9 000 *                      | 79.8                 | 82.4                            | 9 000 *                      | 22.0                           |
| 24.0                           | 74.9                 | 82.8                            | 9 000 *                      | 76.6                 | 82.6                            | 9 000 *                      | 78.4                 | 81.9                            | 9 000 *                      | 24.0                           |
| 26.0                           | 73.5                 | 82.2                            | 9 000 *                      | 75.2                 | 82.0                            | 9 000 *                      | 76.9                 | 81.3                            | 9 000 *                      | 26.0                           |
| 28.0                           | 72.0                 | 81.6                            | 9 000 *                      | 73.8                 | 81.4                            | 9 000 *                      | 75.5                 | 80.7                            | 9 000 *                      | 28.0                           |
| 32.0                           | 69.1                 | 80.2                            | 9 000 *                      | 70.8                 | 79.9                            | 9 000 *                      | 72.5                 | 79.2                            | 9 000 *                      | 32.0                           |
| 36.0                           | 66.1                 | 78.5                            | 9 000 *                      | 67.8                 | 78.2                            | 9 000 *                      | 69.5                 | 77.5                            | 9 000 *                      | 36.0                           |
| 40.0                           | 63.1                 | 76.6                            | 9 000 *                      | 64.8                 | 76.3                            | 9 000 *                      | 66.4                 | 75.6                            | 9 000 *                      | 40.0                           |
| 44.0                           | 59.9                 | 74.4                            | 9 000 *                      | 61.6                 | 74.1                            | 9 000 *                      | 63.2                 | 73.4                            | 9 000 *                      | 44.0                           |
| 48.0                           | 56.7                 | 71.9                            | 8 500                        | 58.4                 | 71.6                            | 8 800                        | 59.9                 | 70.8                            | 8 900                        | 48.0                           |
| 52.0                           | 53.3                 | 69.1                            | 7 200                        | 55.0                 | 68.8                            | 7 400                        | 56.5                 | 68.0                            | 7 700                        | 52.0                           |
| 56.0                           | 49.8                 | 65.9                            | 6 000                        | 51.4                 | 65.5                            | 6 300                        | 52.9                 | 64.7                            | 6 500                        | 56.0                           |
| 60.0                           | 46.1                 | 62.2                            | 5 000                        | 47.7                 | 61.9                            | 5 300                        | 49.1                 | 61.0                            | 5 400                        | 60.0                           |
| 64.0                           | 42.1                 | 58.0                            | 4 200                        | 43.7                 | 57.7                            | 4 400                        | 45.0                 | 56.7                            | 4 500                        | 64.0                           |
| 68.0                           | 37.8                 | 53.2                            | 3 500                        | 39.4                 | 52.8                            | 3 600                        | 40.6                 | 51.8                            | 3 800                        | 68.0                           |
| 72.0                           | 33.0                 | 47.5                            | 2 800                        | 34.5                 | 47.1                            | 2 900                        |                      |                                 |                              | 72.0                           |
| 76.0                           | 27.5                 | 40.6                            | 2 200                        | 29.0                 | 40.1                            | 2 300                        |                      |                                 |                              | 76.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 15.2m (50 Ft.) JIB

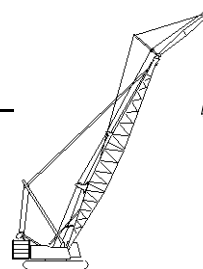
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 70.1m (230 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 16.8                           | 80.4                 | 87.6                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 16.8                           |
| 18.0                           | 79.5                 | 87.3                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 78.2                 | 86.9                            | 9 000 *                      | 79.9                 | 86.7                            | 9 000 *                      |                      |                                 |                              | 20.0                           |
| 22.0                           | 76.8                 | 86.5                            | 9 000 *                      | 78.5                 | 86.2                            | 9 000 *                      | 80.2                 | 85.6                            | 9 000 *                      | 22.0                           |
| 24.0                           | 75.4                 | 86.0                            | 9 000 *                      | 77.1                 | 85.7                            | 9 000 *                      | 78.8                 | 85.1                            | 9 000 *                      | 24.0                           |
| 26.0                           | 74.1                 | 85.4                            | 9 000 *                      | 75.7                 | 85.2                            | 9 000 *                      | 77.4                 | 84.5                            | 9 000 *                      | 26.0                           |
| 28.0                           | 72.7                 | 84.8                            | 9 000 *                      | 74.4                 | 84.6                            | 9 000 *                      | 76.0                 | 83.9                            | 9 000 *                      | 28.0                           |
| 32.0                           | 69.9                 | 83.4                            | 9 000 *                      | 71.5                 | 83.2                            | 9 000 *                      | 73.2                 | 82.5                            | 9 000 *                      | 32.0                           |
| 36.0                           | 67.0                 | 81.8                            | 9 000 *                      | 68.7                 | 81.6                            | 9 000 *                      | 70.3                 | 80.9                            | 9 000 *                      | 36.0                           |
| 40.0                           | 64.1                 | 80.0                            | 9 000 *                      | 65.7                 | 79.7                            | 9 000 *                      | 67.3                 | 79.0                            | 9 000 *                      | 40.0                           |
| 44.0                           | 61.1                 | 77.9                            | 9 000 *                      | 62.7                 | 77.6                            | 9 000 *                      | 64.3                 | 76.9                            | 9 000 *                      | 44.0                           |
| 48.0                           | 58.0                 | 75.5                            | 8 200                        | 59.6                 | 75.2                            | 8 600                        | 61.1                 | 74.5                            | 8 800                        | 48.0                           |
| 52.0                           | 54.8                 | 72.8                            | 6 900                        | 56.4                 | 72.5                            | 7 200                        | 57.9                 | 71.7                            | 7 500                        | 52.0                           |
| 56.0                           | 51.5                 | 69.8                            | 5 800                        | 53.1                 | 69.5                            | 6 000                        | 54.5                 | 68.7                            | 6 300                        | 56.0                           |
| 60.0                           | 48.0                 | 66.4                            | 4 800                        | 49.6                 | 66.1                            | 5 000                        | 51.0                 | 65.2                            | 5 200                        | 60.0                           |
| 64.0                           | 44.3                 | 62.5                            | 3 900                        | 45.9                 | 62.2                            | 4 200                        | 47.2                 | 61.2                            | 4 400                        | 64.0                           |
| 68.0                           | 40.4                 | 58.1                            | 3 200                        | 41.9                 | 57.7                            | 3 400                        | 43.1                 | 56.7                            | 3 500                        | 68.0                           |
| 72.0                           | 36.0                 | 52.9                            | 2 600                        | 37.5                 | 52.5                            | 2 700                        | 38.7                 | 51.4                            | 2 800                        | 72.0                           |
| 76.0                           | 31.2                 | 46.9                            | 2 000                        | 32.7                 | 46.4                            | 2 100                        |                      |                                 |                              | 76.0                           |
| 73.2m (240 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 16.8                           | 80.7                 | 90.7                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 16.8                           |
| 18.0                           | 79.9                 | 90.4                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 78.6                 | 90.1                            | 9 000 *                      | 80.2                 | 89.8                            | 9 000 *                      |                      |                                 |                              | 20.0                           |
| 22.0                           | 77.3                 | 89.6                            | 9 000 *                      | 78.9                 | 89.4                            | 9 000 *                      | 80.5                 | 88.7                            | 9 000 *                      | 22.0                           |
| 24.0                           | 76.0                 | 89.1                            | 9 000 *                      | 77.6                 | 88.9                            | 9 000 *                      | 79.2                 | 88.2                            | 9 000 *                      | 24.0                           |
| 26.0                           | 74.6                 | 88.6                            | 9 000 *                      | 76.2                 | 88.3                            | 9 000 *                      | 77.8                 | 87.7                            | 9 000 *                      | 26.0                           |
| 28.0                           | 73.3                 | 88.0                            | 9 000 *                      | 74.9                 | 87.8                            | 9 000 *                      | 76.5                 | 87.1                            | 9 000 *                      | 28.0                           |
| 32.0                           | 70.6                 | 86.7                            | 9 000 *                      | 72.2                 | 86.4                            | 9 000 *                      | 73.8                 | 85.7                            | 9 000 *                      | 32.0                           |
| 36.0                           | 67.8                 | 85.1                            | 9 000 *                      | 69.4                 | 84.9                            | 9 000 *                      | 71.0                 | 84.2                            | 9 000 *                      | 36.0                           |
| 40.0                           | 65.0                 | 83.4                            | 9 000 *                      | 66.6                 | 83.1                            | 9 000 *                      | 68.2                 | 82.4                            | 9 000 *                      | 40.0                           |
| 44.0                           | 62.2                 | 81.4                            | 9 000 *                      | 63.8                 | 81.1                            | 9 000 *                      | 65.2                 | 80.4                            | 9 000 *                      | 44.0                           |
| 48.0                           | 59.2                 | 79.1                            | 8 000                        | 60.8                 | 78.8                            | 8 400                        | 62.3                 | 78.1                            | 8 800                        | 48.0                           |
| 52.0                           | 56.2                 | 76.5                            | 6 700                        | 57.8                 | 76.3                            | 7 000                        | 59.2                 | 75.5                            | 7 300                        | 52.0                           |
| 56.0                           | 53.0                 | 73.7                            | 5 500                        | 54.6                 | 73.4                            | 5 800                        | 56.0                 | 72.6                            | 6 100                        | 56.0                           |
| 60.0                           | 49.8                 | 70.5                            | 4 600                        | 51.3                 | 70.1                            | 4 900                        | 52.6                 | 69.3                            | 5 100                        | 60.0                           |
| 64.0                           | 46.3                 | 66.8                            | 3 800                        | 47.8                 | 66.5                            | 3 900                        | 49.1                 | 65.6                            | 4 200                        | 64.0                           |
| 68.0                           | 42.6                 | 62.7                            | 3 000                        | 44.1                 | 62.3                            | 3 200                        | 45.3                 | 61.4                            | 3 400                        | 68.0                           |
| 72.0                           | 38.7                 | 58.0                            | 2 300                        | 40.1                 | 57.6                            | 2 500                        | 41.3                 | 56.5                            | 2 700                        | 72.0                           |
| 76.0                           |                      |                                 |                              | 35.7                 | 52.1                            | 1 900                        |                      |                                 |                              | 76.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 15.2m (50 Ft.) JIB

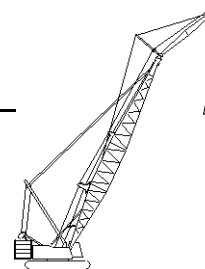
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 76.2m (250 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 16.8                           | 81.0                 | 93.8                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 16.8                           |
| 18.0                           | 80.2                 | 93.5                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 79.0                 | 93.2                            | 9 000 *                      | 80.5                 | 92.9                            | 9 000 *                      |                      |                                 |                              | 20.0                           |
| 22.0                           | 77.7                 | 92.7                            | 9 000 *                      | 79.3                 | 92.5                            | 9 000 *                      |                      |                                 |                              | 22.0                           |
| 24.0                           | 76.4                 | 92.3                            | 9 000 *                      | 78.0                 | 92.0                            | 9 000 *                      | 79.6                 | 91.3                            | 9 000 *                      | 24.0                           |
| 26.0                           | 75.1                 | 91.8                            | 9 000 *                      | 76.7                 | 91.5                            | 9 000 *                      | 78.3                 | 90.8                            | 9 000 *                      | 26.0                           |
| 28.0                           | 73.9                 | 91.2                            | 9 000 *                      | 75.4                 | 90.9                            | 9 000 *                      | 77.0                 | 90.3                            | 9 000 *                      | 28.0                           |
| 32.0                           | 71.3                 | 89.9                            | 9 000 *                      | 72.8                 | 89.7                            | 9 000 *                      | 74.3                 | 89.0                            | 9 000 *                      | 32.0                           |
| 36.0                           | 68.6                 | 88.4                            | 9 000 *                      | 70.2                 | 88.2                            | 9 000 *                      | 71.7                 | 87.5                            | 9 000 *                      | 36.0                           |
| 40.0                           | 65.9                 | 86.7                            | 9 000 *                      | 67.5                 | 86.5                            | 9 000 *                      | 68.9                 | 85.7                            | 9 000 *                      | 40.0                           |
| 44.0                           | 63.2                 | 84.8                            | 9 000 *                      | 64.7                 | 84.5                            | 9 000 *                      | 66.2                 | 83.8                            | 9 000 *                      | 44.0                           |
| 48.0                           | 60.4                 | 82.6                            | 7 800                        | 61.9                 | 82.4                            | 8 200                        | 63.3                 | 81.6                            | 8 600                        | 48.0                           |
| 52.0                           | 57.5                 | 80.2                            | 6 500                        | 59.0                 | 79.9                            | 6 800                        | 60.4                 | 79.1                            | 7 100                        | 52.0                           |
| 56.0                           | 54.5                 | 77.5                            | 5 400                        | 56.0                 | 77.2                            | 5 600                        | 57.3                 | 76.4                            | 5 900                        | 56.0                           |
| 60.0                           | 51.3                 | 74.4                            | 4 400                        | 52.8                 | 74.1                            | 4 700                        | 54.1                 | 73.3                            | 4 900                        | 60.0                           |
| 64.0                           | 48.1                 | 71.0                            | 3 500                        | 49.5                 | 70.7                            | 3 800                        | 50.8                 | 69.8                            | 4 000                        | 64.0                           |
| 68.0                           | 44.6                 | 67.1                            | 2 800                        | 46.1                 | 66.8                            | 3 000                        | 47.3                 | 65.8                            | 3 200                        | 68.0                           |
| 72.0                           | 41.0                 | 62.8                            | 2 200                        | 42.4                 | 62.4                            | 2 300                        | 43.6                 | 61.4                            | 2 500                        | 72.0                           |
| 76.0                           |                      |                                 |                              |                      |                                 |                              | 39.5                 | 56.3                            | 1 800                        | 76.0                           |
| 79.2m (260 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 18.3                           | 80.4                 | 96.6                            | 9 000 *                      |                      |                                 |                              |                      |                                 |                              | 18.3                           |
| 20.0                           | 79.3                 | 96.3                            | 9 000 *                      | 80.9                 | 96.0                            | 9 000 *                      |                      |                                 |                              | 20.0                           |
| 22.0                           | 78.1                 | 95.9                            | 9 000 *                      | 79.6                 | 95.6                            | 9 000 *                      |                      |                                 |                              | 22.0                           |
| 24.0                           | 76.9                 | 95.4                            | 9 000 *                      | 78.4                 | 95.2                            | 9 000 *                      | 79.9                 | 94.5                            | 9 000 *                      | 24.0                           |
| 26.0                           | 75.6                 | 94.9                            | 9 000 *                      | 77.2                 | 94.7                            | 9 000 *                      | 78.6                 | 94.0                            | 9 000 *                      | 26.0                           |
| 28.0                           | 74.4                 | 94.4                            | 9 000 *                      | 75.9                 | 94.1                            | 9 000 *                      | 77.4                 | 93.4                            | 9 000 *                      | 28.0                           |
| 32.0                           | 71.9                 | 93.1                            | 9 000 *                      | 73.4                 | 92.9                            | 9 000 *                      | 74.9                 | 92.2                            | 9 000 *                      | 32.0                           |
| 36.0                           | 69.3                 | 91.7                            | 9 000 *                      | 70.8                 | 91.4                            | 9 000 *                      | 72.3                 | 90.7                            | 9 000 *                      | 36.0                           |
| 40.0                           | 66.7                 | 90.1                            | 9 000 *                      | 68.2                 | 89.8                            | 9 000 *                      | 69.7                 | 89.1                            | 9 000 *                      | 40.0                           |
| 44.0                           | 64.1                 | 88.2                            | 9 000 *                      | 65.6                 | 87.9                            | 9 000 *                      | 67.0                 | 87.2                            | 9 000 *                      | 44.0                           |
| 48.0                           | 61.4                 | 86.1                            | 7 600                        | 62.9                 | 85.9                            | 8 000                        | 64.2                 | 85.1                            | 8 300                        | 48.0                           |
| 52.0                           | 58.6                 | 83.8                            | 6 200                        | 60.1                 | 83.5                            | 6 600                        | 61.4                 | 82.7                            | 6 900                        | 52.0                           |
| 56.0                           | 55.8                 | 81.2                            | 5 100                        | 57.2                 | 80.9                            | 5 400                        | 58.5                 | 80.1                            | 5 700                        | 56.0                           |
| 60.0                           | 52.8                 | 78.3                            | 4 200                        | 54.2                 | 78.0                            | 4 400                        | 55.5                 | 77.2                            | 4 700                        | 60.0                           |
| 64.0                           | 49.7                 | 75.1                            | 3 300                        | 51.1                 | 74.7                            | 3 600                        | 52.4                 | 73.9                            | 3 800                        | 64.0                           |
| 68.0                           | 46.5                 | 71.4                            | 2 600                        | 47.9                 | 71.1                            | 2 800                        | 49.1                 | 70.2                            | 3 000                        | 68.0                           |
| 72.0                           | 43.0                 | 67.4                            | 1 900                        | 44.4                 | 67.0                            | 2 100                        | 45.6                 | 66.0                            | 2 300                        | 72.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 18.3m (60 Ft.) JIB

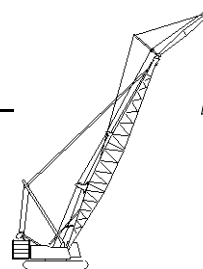
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 27.4m (90 Ft.) BOOM            |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 10.7                           | 79.4                 | 48.4                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 10.7                           |
| 12.0                           | 77.7                 | 48.1                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 12.0                           |
| 14.0                           | 75.2                 | 47.6                            | 4 500 *                      | 78.9                 | 47.5                            | 4 500 *                      |                      |                                 |                              | 14.0                           |
| 16.0                           | 72.6                 | 47.1                            | 4 500 *                      | 76.4                 | 46.9                            | 4 500 *                      |                      |                                 |                              | 16.0                           |
| 18.0                           | 70.0                 | 46.4                            | 4 500 *                      | 73.8                 | 46.2                            | 4 500 *                      | 77.5                 | 45.6                            | 4 500 *                      | 18.0                           |
| 20.0                           | 67.4                 | 45.6                            | 4 500 *                      | 71.1                 | 45.4                            | 4 500 *                      | 74.9                 | 44.8                            | 4 500 *                      | 20.0                           |
| 22.0                           | 64.7                 | 44.7                            | 4 500 *                      | 68.4                 | 44.5                            | 4 500 *                      | 72.1                 | 43.9                            | 4 500 *                      | 22.0                           |
| 24.0                           | 62.0                 | 43.7                            | 4 500 *                      | 65.7                 | 43.5                            | 4 500 *                      | 69.3                 | 42.9                            | 4 500 *                      | 24.0                           |
| 26.0                           | 59.2                 | 42.5                            | 4 500 *                      | 62.9                 | 42.3                            | 4 500 *                      | 66.5                 | 41.7                            | 4 500 *                      | 26.0                           |
| 28.0                           | 56.3                 | 41.3                            | 4 500 *                      | 59.9                 | 41.1                            | 4 500 *                      | 63.5                 | 40.4                            | 4 500 *                      | 28.0                           |
| 32.0                           | 50.1                 | 38.3                            | 4 500 *                      | 53.8                 | 38.0                            | 4 500 *                      | 57.2                 | 37.3                            | 4 500 *                      | 32.0                           |
| 36.0                           | 43.4                 | 34.5                            | 4 500 *                      | 47.0                 | 34.2                            | 4 500 *                      | 50.2                 | 33.4                            | 4 500 *                      | 36.0                           |
| 40.0                           | 35.6                 | 29.6                            | 4 500 *                      | 39.1                 | 29.3                            | 4 500 *                      | 42.2                 | 28.3                            | 4 500 *                      | 40.0                           |
| 44.0                           | 26.0                 | 22.8                            | 4 500 *                      | 29.4                 | 22.4                            | 4 500 *                      |                      |                                 |                              | 44.0                           |
| 30.5m (100 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 10.7                           | 80.0                 | 51.5                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 10.7                           |
| 12.0                           | 78.5                 | 51.3                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 12.0                           |
| 14.0                           | 76.1                 | 50.8                            | 4 500 *                      | 79.6                 | 50.6                            | 4 500 *                      |                      |                                 |                              | 14.0                           |
| 16.0                           | 73.7                 | 50.2                            | 4 500 *                      | 77.3                 | 50.1                            | 4 500 *                      |                      |                                 |                              | 16.0                           |
| 18.0                           | 71.3                 | 49.6                            | 4 500 *                      | 74.8                 | 49.4                            | 4 500 *                      | 78.4                 | 48.8                            | 4 500 *                      | 18.0                           |
| 20.0                           | 68.9                 | 48.9                            | 4 500 *                      | 72.4                 | 48.7                            | 4 500 *                      | 75.9                 | 48.1                            | 4 500 *                      | 20.0                           |
| 22.0                           | 66.4                 | 48.0                            | 4 500 *                      | 69.9                 | 47.8                            | 4 500 *                      | 73.3                 | 47.2                            | 4 500 *                      | 22.0                           |
| 24.0                           | 63.8                 | 47.1                            | 4 500 *                      | 67.3                 | 46.9                            | 4 500 *                      | 70.7                 | 46.3                            | 4 500 *                      | 24.0                           |
| 26.0                           | 61.2                 | 46.1                            | 4 500 *                      | 64.7                 | 45.9                            | 4 500 *                      | 68.1                 | 45.2                            | 4 500 *                      | 26.0                           |
| 28.0                           | 58.6                 | 44.9                            | 4 500 *                      | 62.0                 | 44.7                            | 4 500 *                      | 65.4                 | 44.0                            | 4 500 *                      | 28.0                           |
| 32.0                           | 53.0                 | 42.2                            | 4 500 *                      | 56.4                 | 41.9                            | 4 500 *                      | 59.7                 | 41.2                            | 4 500 *                      | 32.0                           |
| 36.0                           | 47.0                 | 38.8                            | 4 500 *                      | 50.4                 | 38.5                            | 4 500 *                      | 53.5                 | 37.7                            | 4 500 *                      | 36.0                           |
| 40.0                           | 40.3                 | 34.6                            | 4 500 *                      | 43.6                 | 34.3                            | 4 500 *                      | 46.6                 | 33.4                            | 4 500 *                      | 40.0                           |
| 44.0                           | 32.5                 | 29.1                            | 4 500 *                      | 35.7                 | 28.7                            | 4 500 *                      | 38.4                 | 27.7                            | 4 500 *                      | 44.0                           |
| 48.0                           | 22.4                 | 21.3                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 48.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 18.3m (60 Ft.) JIB

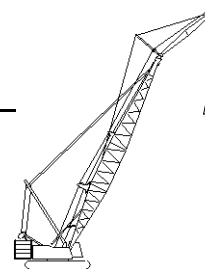
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 33.5m (110 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 10.7                           | 80.6                 | 54.6                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 10.7                           |
| 12.0                           | 79.1                 | 54.4                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 12.0                           |
| 14.0                           | 76.9                 | 53.9                            | 4 500 *                      | 80.3                 | 53.7                            | 4 500*                       |                      |                                 |                              | 14.0                           |
| 16.0                           | 74.7                 | 53.4                            | 4 500 *                      | 78.0                 | 53.2                            | 4 500*                       |                      |                                 |                              | 16.0                           |
| 18.0                           | 72.4                 | 52.8                            | 4 500 *                      | 75.7                 | 52.6                            | 4 500*                       | 79.1                 | 52.0                            | 4 500*                       | 18.0                           |
| 20.0                           | 70.1                 | 52.1                            | 4 500 *                      | 73.4                 | 51.9                            | 4 500*                       | 76.7                 | 51.3                            | 4 500*                       | 20.0                           |
| 22.0                           | 67.8                 | 51.4                            | 4 500 *                      | 71.1                 | 51.2                            | 4 500*                       | 74.4                 | 50.5                            | 4 500*                       | 22.0                           |
| 24.0                           | 65.4                 | 50.5                            | 4 500 *                      | 68.7                 | 50.3                            | 4 500*                       | 72.0                 | 49.6                            | 4 500*                       | 24.0                           |
| 26.0                           | 63.0                 | 49.5                            | 4 500 *                      | 66.3                 | 49.3                            | 4 500*                       | 69.5                 | 48.7                            | 4 500*                       | 26.0                           |
| 28.0                           | 60.6                 | 48.4                            | 4 500 *                      | 63.8                 | 48.2                            | 4 500*                       | 67.0                 | 47.5                            | 4 500*                       | 28.0                           |
| 32.0                           | 55.5                 | 45.9                            | 4 500 *                      | 58.7                 | 45.7                            | 4 500*                       | 61.8                 | 45.0                            | 4 500*                       | 32.0                           |
| 36.0                           | 50.0                 | 42.9                            | 4 500 *                      | 53.2                 | 42.6                            | 4 500*                       | 56.2                 | 41.8                            | 4 500*                       | 36.0                           |
| 40.0                           | 44.0                 | 39.1                            | 4 500 *                      | 47.2                 | 38.8                            | 4 500*                       | 50.1                 | 38.0                            | 4 500*                       | 40.0                           |
| 44.0                           | 37.4                 | 34.4                            | 4 500 *                      | 40.5                 | 34.1                            | 4 500*                       | 43.2                 | 33.1                            | 4 500*                       | 44.0                           |
| 48.0                           | 29.5                 | 28.3                            | 4 500 *                      | 32.5                 | 27.9                            | 4 500*                       |                      |                                 |                              | 48.0                           |
| 36.6m (120 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 12.2                           | 79.5                 | 57.4                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 12.2                           |
| 14.0                           | 77.6                 | 57.1                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 75.5                 | 56.6                            | 4 500 *                      | 78.7                 | 56.4                            | 4 500*                       |                      |                                 |                              | 16.0                           |
| 18.0                           | 73.4                 | 56.0                            | 4 500 *                      | 76.6                 | 55.8                            | 4 500*                       |                      |                                 |                              | 18.0                           |
| 20.0                           | 71.3                 | 55.4                            | 4 500 *                      | 74.4                 | 55.2                            | 4 500*                       | 77.5                 | 54.5                            | 4 500*                       | 20.0                           |
| 22.0                           | 69.1                 | 54.6                            | 4 500 *                      | 72.2                 | 54.4                            | 4 500*                       | 75.3                 | 53.8                            | 4 500*                       | 22.0                           |
| 24.0                           | 66.9                 | 53.8                            | 4 500 *                      | 70.0                 | 53.6                            | 4 500*                       | 73.0                 | 53.0                            | 4 500*                       | 24.0                           |
| 26.0                           | 64.6                 | 52.9                            | 4 500 *                      | 67.7                 | 52.7                            | 4 500*                       | 70.8                 | 52.0                            | 4 500*                       | 26.0                           |
| 28.0                           | 62.3                 | 51.9                            | 4 500 *                      | 65.4                 | 51.7                            | 4 500*                       | 68.4                 | 51.0                            | 4 500*                       | 28.0                           |
| 32.0                           | 57.6                 | 49.6                            | 4 500 *                      | 60.6                 | 49.3                            | 4 500*                       | 63.6                 | 48.6                            | 4 500*                       | 32.0                           |
| 36.0                           | 52.6                 | 46.8                            | 4 500 *                      | 55.6                 | 46.5                            | 4 500*                       | 58.5                 | 45.8                            | 4 500*                       | 36.0                           |
| 40.0                           | 47.2                 | 43.4                            | 4 500 *                      | 50.2                 | 43.1                            | 4 500*                       | 53.0                 | 42.3                            | 4 500*                       | 40.0                           |
| 44.0                           | 41.3                 | 39.3                            | 4 500 *                      | 44.3                 | 39.0                            | 4 500*                       | 46.9                 | 38.0                            | 4 500*                       | 44.0                           |
| 48.0                           | 34.6                 | 34.1                            | 4 500 *                      | 37.5                 | 33.7                            | 4 500*                       | 39.9                 | 32.7                            | 4 500*                       | 48.0                           |
| 52.0                           | 26.5                 | 27.3                            | 4 500 *                      | 29.3                 | 26.8                            | 4 500*                       |                      |                                 |                              | 52.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 18.3m (60 Ft.) JIB

| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 39.6m (130 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 12.2                           | 80.1                 | 60.5                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 12.2                           |
| 14.0                           | 78.3                 | 60.2                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 76.3                 | 59.7                            | 4 500 *                      | 79.3                 | 59.5                            | 4 500 *                      |                      |                                 |                              | 16.0                           |
| 18.0                           | 74.3                 | 59.2                            | 4 500 *                      | 77.3                 | 59.0                            | 4 500 *                      |                      |                                 |                              | 18.0                           |
| 20.0                           | 72.3                 | 58.6                            | 4 500 *                      | 75.2                 | 58.4                            | 4 500 *                      | 78.2                 | 57.7                            | 4 500 *                      | 20.0                           |
| 22.0                           | 70.2                 | 57.9                            | 4 500 *                      | 73.2                 | 57.7                            | 4 500 *                      | 76.1                 | 57.0                            | 4 500 *                      | 22.0                           |
| 24.0                           | 68.1                 | 57.1                            | 4 500 *                      | 71.1                 | 56.9                            | 4 500 *                      | 74.0                 | 56.3                            | 4 500 *                      | 24.0                           |
| 26.0                           | 66.0                 | 56.3                            | 4 500 *                      | 69.0                 | 56.1                            | 4 500 *                      | 71.9                 | 55.4                            | 4 500 *                      | 26.0                           |
| 28.0                           | 63.9                 | 55.3                            | 4 500 *                      | 66.8                 | 55.1                            | 4 500 *                      | 69.7                 | 54.4                            | 4 500 *                      | 28.0                           |
| 32.0                           | 59.4                 | 53.2                            | 4 500 *                      | 62.4                 | 52.9                            | 4 500 *                      | 65.2                 | 52.2                            | 4 500 *                      | 32.0                           |
| 36.0                           | 54.8                 | 50.6                            | 4 500 *                      | 57.7                 | 50.3                            | 4 500 *                      | 60.4                 | 49.6                            | 4 500 *                      | 36.0                           |
| 40.0                           | 49.9                 | 47.5                            | 4 500 *                      | 52.8                 | 47.2                            | 4 500 *                      | 55.4                 | 46.4                            | 4 500 *                      | 40.0                           |
| 44.0                           | 44.6                 | 43.7                            | 4 500 *                      | 47.4                 | 43.4                            | 4 500 *                      | 50.0                 | 42.6                            | 4 500 *                      | 44.0                           |
| 48.0                           | 38.7                 | 39.2                            | 4 500 *                      | 41.5                 | 38.9                            | 4 500 *                      | 43.9                 | 37.9                            | 4 500 *                      | 48.0                           |
| 52.0                           | 32.0                 | 33.5                            | 4 500 *                      | 34.7                 | 33.2                            | 4 500 *                      |                      |                                 |                              | 52.0                           |
| 56.0                           | 23.6                 | 25.9                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 56.0                           |
| 42.7m (140 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 12.2                           | 80.6                 | 63.6                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 12.2                           |
| 14.0                           | 78.9                 | 63.3                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 77.0                 | 62.9                            | 4 500 *                      | 79.8                 | 62.6                            | 4 500 *                      |                      |                                 |                              | 16.0                           |
| 18.0                           | 75.1                 | 62.4                            | 4 500 *                      | 77.9                 | 62.1                            | 4 500 *                      |                      |                                 |                              | 18.0                           |
| 20.0                           | 73.2                 | 61.8                            | 4 500 *                      | 76.0                 | 61.6                            | 4 500 *                      | 78.8                 | 60.9                            | 4 500 *                      | 20.0                           |
| 22.0                           | 71.2                 | 61.1                            | 4 500 *                      | 74.0                 | 60.9                            | 4 500 *                      | 76.8                 | 60.3                            | 4 500 *                      | 22.0                           |
| 24.0                           | 69.3                 | 60.4                            | 4 500 *                      | 72.1                 | 60.2                            | 4 500 *                      | 74.8                 | 59.5                            | 4 500 *                      | 24.0                           |
| 26.0                           | 67.3                 | 59.6                            | 4 500 *                      | 70.1                 | 59.4                            | 4 500 *                      | 72.8                 | 58.7                            | 4 500 *                      | 26.0                           |
| 28.0                           | 65.2                 | 58.7                            | 4 500 *                      | 68.0                 | 58.5                            | 4 500 *                      | 70.8                 | 57.8                            | 4 500 *                      | 28.0                           |
| 32.0                           | 61.1                 | 56.7                            | 4 500 *                      | 63.9                 | 56.4                            | 4 500 *                      | 66.5                 | 55.7                            | 4 500 *                      | 32.0                           |
| 36.0                           | 56.8                 | 54.3                            | 4 500 *                      | 59.5                 | 54.0                            | 4 500 *                      | 62.1                 | 53.3                            | 4 500 *                      | 36.0                           |
| 40.0                           | 52.2                 | 51.4                            | 4 500 *                      | 55.0                 | 51.1                            | 4 500 *                      | 57.5                 | 50.3                            | 4 500 *                      | 40.0                           |
| 44.0                           | 47.4                 | 48.0                            | 4 500 *                      | 50.1                 | 47.7                            | 4 500 *                      | 52.5                 | 46.9                            | 4 500 *                      | 44.0                           |
| 48.0                           | 42.1                 | 43.9                            | 4 500 *                      | 44.8                 | 43.6                            | 4 500 *                      | 47.1                 | 42.7                            | 4 500 *                      | 48.0                           |
| 52.0                           | 36.2                 | 39.0                            | 4 500 *                      | 38.9                 | 38.6                            | 4 500 *                      | 41.0                 | 37.6                            | 4 500 *                      | 52.0                           |
| 56.0                           | 29.4                 | 32.8                            | 4 500 *                      | 31.9                 | 32.3                            | 4 500 *                      |                      |                                 |                              | 56.0                           |
| 60.0                           | 20.6                 | 24.1                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 60.0                           |

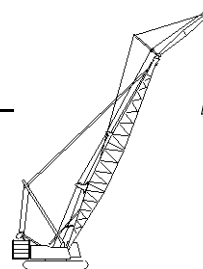




# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 18.3m (60 Ft.) JIB

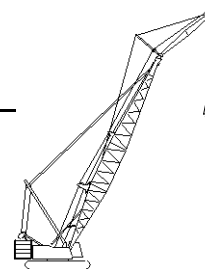
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 45.7m (150 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 12.2                           | 81.0                 | 66.7                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 12.2                           |
| 14.0                           | 79.4                 | 66.4                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 77.6                 | 66.0                            | 4 500 *                      | 80.3                 | 65.8                            | 4 500 *                      |                      |                                 |                              | 16.0                           |
| 18.0                           | 75.8                 | 65.5                            | 4 500 *                      | 78.5                 | 65.3                            | 4 500 *                      |                      |                                 |                              | 18.0                           |
| 20.0                           | 74.0                 | 65.0                            | 4 500 *                      | 76.7                 | 64.7                            | 4 500 *                      | 79.4                 | 64.1                            | 4 500 *                      | 20.0                           |
| 22.0                           | 72.1                 | 64.3                            | 4 500 *                      | 74.8                 | 64.1                            | 4 500 *                      | 77.5                 | 63.5                            | 4 500 *                      | 22.0                           |
| 24.0                           | 70.3                 | 63.7                            | 4 500 *                      | 72.9                 | 63.4                            | 4 500 *                      | 75.6                 | 62.8                            | 4 500 *                      | 24.0                           |
| 26.0                           | 68.4                 | 62.9                            | 4 500 *                      | 71.1                 | 62.7                            | 4 500 *                      | 73.7                 | 62.0                            | 4 500 *                      | 26.0                           |
| 28.0                           | 66.5                 | 62.1                            | 4 500 *                      | 69.1                 | 61.8                            | 4 500 *                      | 71.8                 | 61.1                            | 4 500 *                      | 28.0                           |
| 32.0                           | 62.6                 | 60.1                            | 4 500 *                      | 65.2                 | 59.9                            | 4 500 *                      | 67.8                 | 59.2                            | 4 500 *                      | 32.0                           |
| 36.0                           | 58.5                 | 57.9                            | 4 500 *                      | 61.2                 | 57.6                            | 4 500 *                      | 63.7                 | 56.9                            | 4 500 *                      | 36.0                           |
| 40.0                           | 54.3                 | 55.2                            | 4 500 *                      | 56.9                 | 54.9                            | 4 500 *                      | 59.3                 | 54.1                            | 4 500 *                      | 40.0                           |
| 44.0                           | 49.8                 | 52.1                            | 4 500 *                      | 52.4                 | 51.8                            | 4 500 *                      | 54.8                 | 50.9                            | 4 500 *                      | 44.0                           |
| 48.0                           | 45.0                 | 48.4                            | 4 500 *                      | 47.6                 | 48.1                            | 4 500 *                      | 49.9                 | 47.2                            | 4 500 *                      | 48.0                           |
| 52.0                           | 39.8                 | 44.0                            | 4 500 *                      | 42.3                 | 43.6                            | 4 500 *                      | 44.5                 | 42.6                            | 4 500 *                      | 52.0                           |
| 56.0                           | 33.9                 | 38.6                            | 4 500 *                      | 36.3                 | 38.2                            | 4 500 *                      | 38.3                 | 37.0                            | 4 500 *                      | 56.0                           |
| 60.0                           | 26.9                 | 31.7                            | 4 500 *                      | 29.2                 | 31.2                            | 4 500 *                      |                      |                                 |                              | 60.0                           |
| 64.0                           | 17.5                 | 21.8                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 64.0                           |
| 48.8m (160 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 13.7                           | 80.1                 | 69.5                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 13.7                           |
| 14.0                           | 79.9                 | 69.5                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 78.2                 | 69.1                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 76.4                 | 68.6                            | 4 500 *                      | 79.0                 | 68.4                            | 4 500 *                      |                      |                                 |                              | 18.0                           |
| 20.0                           | 74.7                 | 68.1                            | 4 500 *                      | 77.3                 | 67.9                            | 4 500 *                      | 79.9                 | 67.2                            | 4 500 *                      | 20.0                           |
| 22.0                           | 73.0                 | 67.5                            | 4 500 *                      | 75.5                 | 67.3                            | 4 500 *                      | 78.1                 | 66.6                            | 4 500 *                      | 22.0                           |
| 24.0                           | 71.2                 | 66.9                            | 4 500 *                      | 73.7                 | 66.7                            | 4 500 *                      | 76.3                 | 66.0                            | 4 500 *                      | 24.0                           |
| 26.0                           | 69.4                 | 66.2                            | 4 500 *                      | 72.0                 | 65.9                            | 4 500 *                      | 74.5                 | 65.2                            | 4 500 *                      | 26.0                           |
| 28.0                           | 67.6                 | 65.4                            | 4 500 *                      | 70.1                 | 65.1                            | 4 500 *                      | 72.6                 | 64.4                            | 4 500 *                      | 28.0                           |
| 32.0                           | 63.9                 | 63.6                            | 4 500 *                      | 66.4                 | 63.3                            | 4 500 *                      | 68.9                 | 62.6                            | 4 500 *                      | 32.0                           |
| 36.0                           | 60.1                 | 61.4                            | 4 500 *                      | 62.6                 | 61.2                            | 4 500 *                      | 65.0                 | 60.4                            | 4 500 *                      | 36.0                           |
| 40.0                           | 56.1                 | 58.9                            | 4 500 *                      | 58.6                 | 58.7                            | 4 500 *                      | 61.0                 | 57.9                            | 4 500 *                      | 40.0                           |
| 44.0                           | 51.9                 | 56.0                            | 4 500 *                      | 54.4                 | 55.7                            | 4 500 *                      | 56.7                 | 54.9                            | 4 500 *                      | 44.0                           |
| 48.0                           | 47.5                 | 52.6                            | 4 500 *                      | 50.0                 | 52.3                            | 4 500 *                      | 52.2                 | 51.4                            | 4 500 *                      | 48.0                           |
| 52.0                           | 42.8                 | 48.6                            | 4 500 *                      | 45.2                 | 48.3                            | 4 500 *                      | 47.3                 | 47.3                            | 4 500 *                      | 52.0                           |
| 56.0                           | 37.5                 | 43.8                            | 4 500 *                      | 39.9                 | 43.5                            | 4 500 *                      | 41.9                 | 42.4                            | 4 500 *                      | 56.0                           |
| 60.0                           | 31.6                 | 38.0                            | 4 500 *                      | 33.9                 | 37.6                            | 4 500 *                      |                      |                                 |                              | 60.0                           |
| 64.0                           | 24.4                 | 30.4                            | 4 500 *                      | 26.6                 | 29.9                            | 4 500 *                      |                      |                                 |                              | 64.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 18.3m (60 Ft.) JIB

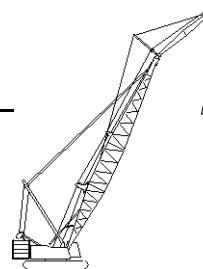
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 51.8m (170 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 13.7                           | 80.6                 | 72.6                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 13.7                           |
| 14.0                           | 80.3                 | 72.6                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 78.7                 | 72.2                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 77.0                 | 71.8                            | 4 500 *                      | 79.5                 | 71.6                            | 4 500 *                      |                      |                                 |                              | 18.0                           |
| 20.0                           | 75.4                 | 71.3                            | 4 500 *                      | 77.8                 | 71.1                            | 4 500 *                      | 80.3                 | 70.4                            | 4 500 *                      | 20.0                           |
| 22.0                           | 73.7                 | 70.7                            | 4 500 *                      | 76.2                 | 70.5                            | 4 500 *                      | 78.6                 | 69.8                            | 4 500 *                      | 22.0                           |
| 24.0                           | 72.0                 | 70.1                            | 4 500 *                      | 74.5                 | 69.9                            | 4 500 *                      | 76.9                 | 69.2                            | 4 500 *                      | 24.0                           |
| 26.0                           | 70.3                 | 69.4                            | 4 500 *                      | 72.8                 | 69.2                            | 4 500 *                      | 75.2                 | 68.5                            | 4 500 *                      | 26.0                           |
| 28.0                           | 68.6                 | 68.7                            | 4 500 *                      | 71.0                 | 68.4                            | 4 500 *                      | 73.4                 | 67.7                            | 4 500 *                      | 28.0                           |
| 32.0                           | 65.1                 | 66.9                            | 4 500 *                      | 67.5                 | 66.7                            | 4 500 *                      | 69.9                 | 66.0                            | 4 500 *                      | 32.0                           |
| 36.0                           | 61.5                 | 64.9                            | 4 500 *                      | 63.9                 | 64.7                            | 4 500 *                      | 66.2                 | 63.9                            | 4 500 *                      | 36.0                           |
| 40.0                           | 57.7                 | 62.6                            | 4 500 *                      | 60.1                 | 62.3                            | 4 500 *                      | 62.4                 | 61.5                            | 4 500 *                      | 40.0                           |
| 44.0                           | 53.8                 | 59.8                            | 4 500 *                      | 56.2                 | 59.6                            | 4 500 *                      | 58.4                 | 58.7                            | 4 500 *                      | 44.0                           |
| 48.0                           | 49.7                 | 56.7                            | 4 500 *                      | 52.1                 | 56.4                            | 4 500 *                      | 54.2                 | 55.5                            | 4 500 *                      | 48.0                           |
| 52.0                           | 45.4                 | 53.0                            | 4 500 *                      | 47.7                 | 52.7                            | 4 500 *                      | 49.8                 | 51.7                            | 4 500 *                      | 52.0                           |
| 56.0                           | 40.6                 | 48.7                            | 4 500 *                      | 42.9                 | 48.3                            | 4 500 *                      | 44.9                 | 47.3                            | 4 500 *                      | 56.0                           |
| 60.0                           | 35.4                 | 43.5                            | 4 500 *                      | 37.6                 | 43.1                            | 4 500 *                      | 39.5                 | 42.0                            | 4 500 *                      | 60.0                           |
| 64.0                           | 29.3                 | 37.2                            | 4 500 *                      | 31.5                 | 36.7                            | 4 500 *                      |                      |                                 |                              | 64.0                           |
| 68.0                           | 21.8                 | 28.8                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 68.0                           |
| 54.9m (180 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 13.7                           | 80.9                 | 75.7                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 13.7                           |
| 14.0                           | 80.7                 | 75.7                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 14.0                           |
| 16.0                           | 79.2                 | 75.3                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 77.6                 | 74.9                            | 4 500 *                      | 79.9                 | 74.7                            | 4 500 *                      |                      |                                 |                              | 18.0                           |
| 20.0                           | 76.0                 | 74.4                            | 4 500 *                      | 78.4                 | 74.2                            | 4 500 *                      | 80.7                 | 73.5                            | 4 500 *                      | 20.0                           |
| 22.0                           | 74.4                 | 73.9                            | 4 500 *                      | 76.8                 | 73.7                            | 4 500 *                      | 79.1                 | 73.0                            | 4 500 *                      | 22.0                           |
| 24.0                           | 72.8                 | 73.3                            | 4 500 *                      | 75.1                 | 73.1                            | 4 500 *                      | 77.5                 | 72.4                            | 4 500 *                      | 24.0                           |
| 26.0                           | 71.2                 | 72.6                            | 4 500 *                      | 73.5                 | 72.4                            | 4 500 *                      | 75.8                 | 71.7                            | 4 500 *                      | 26.0                           |
| 28.0                           | 69.5                 | 71.9                            | 4 500 *                      | 71.9                 | 71.7                            | 4 500 *                      | 74.2                 | 71.0                            | 4 500 *                      | 28.0                           |
| 32.0                           | 66.2                 | 70.3                            | 4 500 *                      | 68.5                 | 70.0                            | 4 500 *                      | 70.8                 | 69.3                            | 4 500 *                      | 32.0                           |
| 36.0                           | 62.8                 | 68.4                            | 4 500 *                      | 65.1                 | 68.1                            | 4 500 *                      | 67.3                 | 67.4                            | 4 500 *                      | 36.0                           |
| 40.0                           | 59.2                 | 66.1                            | 4 500 *                      | 61.5                 | 65.9                            | 4 500 *                      | 63.7                 | 65.1                            | 4 500 *                      | 40.0                           |
| 44.0                           | 55.5                 | 63.6                            | 4 500 *                      | 57.8                 | 63.3                            | 4 500 *                      | 60.0                 | 62.5                            | 4 500 *                      | 44.0                           |
| 48.0                           | 51.7                 | 60.6                            | 4 500 *                      | 54.0                 | 60.3                            | 4 500 *                      | 56.1                 | 59.5                            | 4 500 *                      | 48.0                           |
| 52.0                           | 47.6                 | 57.2                            | 4 500 *                      | 49.9                 | 56.9                            | 4 500 *                      | 51.9                 | 56.0                            | 4 500 *                      | 52.0                           |
| 56.0                           | 43.3                 | 53.2                            | 4 500 *                      | 45.5                 | 52.9                            | 4 500 *                      | 47.5                 | 51.9                            | 4 500 *                      | 56.0                           |
| 60.0                           | 38.6                 | 48.6                            | 4 500 *                      | 40.8                 | 48.3                            | 4 500 *                      | 42.6                 | 47.2                            | 4 500 *                      | 60.0                           |
| 64.0                           | 33.3                 | 43.1                            | 4 500 *                      | 35.4                 | 42.7                            | 4 500 *                      | 37.1                 | 41.4                            | 4 500 *                      | 64.0                           |
| 68.0                           | 27.1                 | 36.2                            | 4 400                        | 29.2                 | 35.7                            | 4 500 *                      |                      |                                 |                              | 68.0                           |
| 72.0                           | 19.2                 | 26.8                            | 3 800                        |                      |                                 |                              |                      |                                 |                              | 72.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 18.3m (60 Ft.) JIB

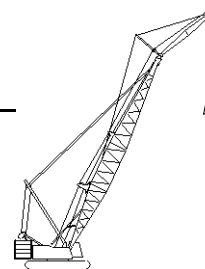
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 57.9m (190 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 15.2                           | 80.2                 | 78.6                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 15.2                           |
| 16.0                           | 79.6                 | 78.4                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 78.1                 | 78.0                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 76.6                 | 77.6                            | 4 500 *                      | 78.8                 | 77.3                            | 4 500 *                      |                      |                                 |                              | 20.0                           |
| 22.0                           | 75.0                 | 77.1                            | 4 500 *                      | 77.3                 | 76.8                            | 4 500 *                      | 79.6                 | 76.1                            | 4 500 *                      | 22.0                           |
| 24.0                           | 73.5                 | 76.5                            | 4 500 *                      | 75.7                 | 76.3                            | 4 500 *                      | 78.0                 | 75.6                            | 4 500 *                      | 24.0                           |
| 26.0                           | 71.9                 | 75.9                            | 4 500 *                      | 74.2                 | 75.6                            | 4 500 *                      | 76.4                 | 74.9                            | 4 500 *                      | 26.0                           |
| 28.0                           | 70.4                 | 75.2                            | 4 500 *                      | 72.6                 | 74.9                            | 4 500 *                      | 74.8                 | 74.2                            | 4 500 *                      | 28.0                           |
| 32.0                           | 67.2                 | 73.6                            | 4 500 *                      | 69.4                 | 73.4                            | 4 500 *                      | 71.6                 | 72.6                            | 4 500 *                      | 32.0                           |
| 36.0                           | 63.9                 | 71.8                            | 4 500 *                      | 66.1                 | 71.5                            | 4 500 *                      | 68.3                 | 70.8                            | 4 500 *                      | 36.0                           |
| 40.0                           | 60.6                 | 69.7                            | 4 500 *                      | 62.8                 | 69.4                            | 4 500 *                      | 64.9                 | 68.6                            | 4 500 *                      | 40.0                           |
| 44.0                           | 57.1                 | 67.2                            | 4 500 *                      | 59.3                 | 67.0                            | 4 500 *                      | 61.4                 | 66.2                            | 4 500 *                      | 44.0                           |
| 48.0                           | 53.5                 | 64.4                            | 4 500 *                      | 55.7                 | 64.2                            | 4 500 *                      | 57.7                 | 63.3                            | 4 500 *                      | 48.0                           |
| 52.0                           | 49.7                 | 61.3                            | 4 500 *                      | 51.8                 | 61.0                            | 4 500 *                      | 53.8                 | 60.1                            | 4 500 *                      | 52.0                           |
| 56.0                           | 45.7                 | 57.6                            | 4 500 *                      | 47.8                 | 57.3                            | 4 500 *                      | 49.7                 | 56.3                            | 4 500 *                      | 56.0                           |
| 60.0                           | 41.3                 | 53.4                            | 4 500 *                      | 43.5                 | 53.0                            | 4 500 *                      | 45.3                 | 52.0                            | 4 500 *                      | 60.0                           |
| 64.0                           | 36.6                 | 48.4                            | 4 500 *                      | 38.7                 | 48.0                            | 4 500 *                      | 40.4                 | 46.9                            | 4 500 *                      | 64.0                           |
| 68.0                           | 31.3                 | 42.4                            | 4 200                        | 33.3                 | 42.0                            | 4 300                        |                      |                                 |                              | 68.0                           |
| 72.0                           | 24.9                 | 34.9                            | 3 500                        |                      |                                 |                              |                      |                                 |                              | 72.0                           |
| 76.0                           | 16.5                 | 24.3                            | 2 900                        |                      |                                 |                              |                      |                                 |                              | 76.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 18.3m (60 Ft.) JIB

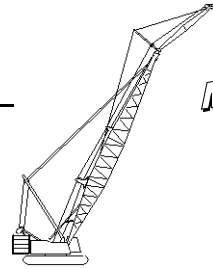
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 61.0m (200 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 15.2                           | 80.5                 | 81.7                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 15.2                           |
| 16.0                           | 80.0                 | 81.5                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 78.5                 | 81.1                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 77.1                 | 80.7                            | 4 500 *                      | 79.3                 | 80.5                            | 4 500 *                      |                      |                                 |                              | 20.0                           |
| 22.0                           | 75.6                 | 80.2                            | 4 500 *                      | 77.8                 | 80.0                            | 4 500 *                      | 80.0                 | 79.3                            | 4 500 *                      | 22.0                           |
| 24.0                           | 74.1                 | 79.7                            | 4 500 *                      | 76.3                 | 79.4                            | 4 500 *                      | 78.5                 | 78.7                            | 4 500 *                      | 24.0                           |
| 26.0                           | 72.6                 | 79.1                            | 4 500 *                      | 74.8                 | 78.8                            | 4 500 *                      | 77.0                 | 78.1                            | 4 500 *                      | 26.0                           |
| 28.0                           | 71.1                 | 78.4                            | 4 500 *                      | 73.3                 | 78.2                            | 4 500 *                      | 75.4                 | 77.4                            | 4 500 *                      | 28.0                           |
| 32.0                           | 68.1                 | 76.9                            | 4 500 *                      | 70.2                 | 76.7                            | 4 500 *                      | 72.4                 | 75.9                            | 4 500 *                      | 32.0                           |
| 36.0                           | 65.0                 | 75.2                            | 4 500 *                      | 67.1                 | 74.9                            | 4 500 *                      | 69.2                 | 74.2                            | 4 500 *                      | 36.0                           |
| 40.0                           | 61.8                 | 73.1                            | 4 500 *                      | 63.9                 | 72.9                            | 4 500 *                      | 66.0                 | 72.1                            | 4 500 *                      | 40.0                           |
| 44.0                           | 58.5                 | 70.8                            | 4 500 *                      | 60.6                 | 70.6                            | 4 500 *                      | 62.6                 | 69.8                            | 4 500 *                      | 44.0                           |
| 48.0                           | 55.1                 | 68.2                            | 4 500 *                      | 57.2                 | 67.9                            | 4 500 *                      | 59.1                 | 67.1                            | 4 500 *                      | 48.0                           |
| 52.0                           | 51.5                 | 65.2                            | 4 500 *                      | 53.6                 | 64.9                            | 4 500 *                      | 55.5                 | 64.0                            | 4 500 *                      | 52.0                           |
| 56.0                           | 47.7                 | 61.8                            | 4 500 *                      | 49.8                 | 61.5                            | 4 500 *                      | 51.7                 | 60.6                            | 4 500 *                      | 56.0                           |
| 60.0                           | 43.8                 | 57.9                            | 4 500 *                      | 45.8                 | 57.6                            | 4 500 *                      | 47.6                 | 56.6                            | 4 500 *                      | 60.0                           |
| 64.0                           | 39.4                 | 53.4                            | 4 500 *                      | 41.5                 | 53.0                            | 4 500 *                      | 43.2                 | 51.9                            | 4 500 *                      | 64.0                           |
| 68.0                           | 34.7                 | 48.0                            | 4 000                        | 36.7                 | 47.6                            | 4 100                        | 38.3                 | 46.4                            | 4 300                        | 68.0                           |
| 72.0                           | 29.3                 | 41.6                            | 3 300                        | 31.2                 | 41.1                            | 3 400                        |                      |                                 |                              | 72.0                           |
| 76.0                           | 22.8                 | 33.4                            | 2 700                        |                      |                                 |                              |                      |                                 |                              | 76.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 18.3m (60 Ft.) JIB

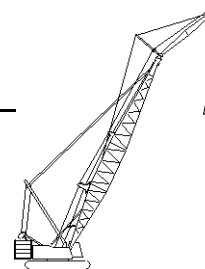
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 64.0m (210 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 15.2                           | 80.9                 | 84.7                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 15.2                           |
| 16.0                           | 80.4                 | 84.6                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 16.0                           |
| 18.0                           | 79.0                 | 84.2                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 77.6                 | 83.8                            | 4 500 *                      | 79.7                 | 83.6                            | 4 500*                       |                      |                                 |                              | 20.0                           |
| 22.0                           | 76.1                 | 83.4                            | 4 500 *                      | 78.2                 | 83.1                            | 4 500*                       | 80.4                 | 82.4                            | 4 500*                       | 22.0                           |
| 24.0                           | 74.7                 | 82.8                            | 4 500 *                      | 76.8                 | 82.6                            | 4 500*                       | 78.9                 | 81.9                            | 4 500*                       | 24.0                           |
| 26.0                           | 73.3                 | 82.3                            | 4 500 *                      | 75.4                 | 82.0                            | 4 500*                       | 77.5                 | 81.3                            | 4 500*                       | 26.0                           |
| 28.0                           | 71.8                 | 81.6                            | 4 500 *                      | 73.9                 | 81.4                            | 4 500*                       | 76.0                 | 80.7                            | 4 500*                       | 28.0                           |
| 32.0                           | 68.9                 | 80.2                            | 4 500 *                      | 71.0                 | 79.9                            | 4 500*                       | 73.0                 | 79.2                            | 4 500*                       | 32.0                           |
| 36.0                           | 65.9                 | 78.5                            | 4 500 *                      | 68.0                 | 78.3                            | 4 500*                       | 70.0                 | 77.5                            | 4 500*                       | 36.0                           |
| 40.0                           | 62.9                 | 76.6                            | 4 500 *                      | 65.0                 | 76.3                            | 4 500*                       | 66.9                 | 75.6                            | 4 500*                       | 40.0                           |
| 44.0                           | 59.8                 | 74.4                            | 4 500 *                      | 61.8                 | 74.1                            | 4 500*                       | 63.8                 | 73.3                            | 4 500*                       | 44.0                           |
| 48.0                           | 56.5                 | 71.9                            | 4 500 *                      | 58.6                 | 71.6                            | 4 500*                       | 60.5                 | 70.8                            | 4 500*                       | 48.0                           |
| 52.0                           | 53.1                 | 69.1                            | 4 500 *                      | 55.2                 | 68.8                            | 4 500*                       | 57.0                 | 67.9                            | 4 500*                       | 52.0                           |
| 56.0                           | 49.6                 | 65.9                            | 4 500 *                      | 51.6                 | 65.6                            | 4 500*                       | 53.4                 | 64.6                            | 4 500*                       | 56.0                           |
| 60.0                           | 45.9                 | 62.2                            | 4 500 *                      | 47.9                 | 61.9                            | 4 500*                       | 49.6                 | 60.9                            | 4 500*                       | 60.0                           |
| 64.0                           | 41.9                 | 58.0                            | 4 500 *                      | 43.9                 | 57.7                            | 4 500*                       | 45.6                 | 56.7                            | 4 500*                       | 64.0                           |
| 68.0                           | 37.6                 | 53.2                            | 3 800                        | 39.6                 | 52.8                            | 3 900                        | 41.2                 | 51.7                            | 4 100                        | 68.0                           |
| 72.0                           | 32.8                 | 47.5                            | 3 100                        | 34.7                 | 47.1                            | 3 300                        |                      |                                 |                              | 72.0                           |
| 76.0                           | 27.3                 | 40.6                            | 2 500                        | 29.2                 | 40.1                            | 2 700                        |                      |                                 |                              | 76.0                           |
| 80.0                           | 20.5                 | 31.5                            | 2 000                        |                      |                                 |                              |                      |                                 |                              | 80.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 18.3m (60 Ft.) JIB

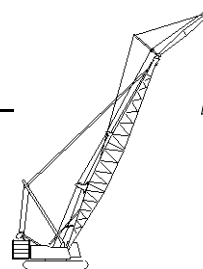
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 67.1m (220 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 16.8                           | 80.2                 | 87.6                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 16.8                           |
| 18.0                           | 79.4                 | 87.3                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 78.0                 | 86.9                            | 4 500 *                      | 80.0                 | 86.7                            | 4 500 *                      |                      |                                 |                              | 20.0                           |
| 22.0                           | 76.6                 | 86.5                            | 4 500 *                      | 78.7                 | 86.3                            | 4 500 *                      |                      |                                 |                              | 22.0                           |
| 24.0                           | 75.3                 | 86.0                            | 4 500 *                      | 77.3                 | 85.7                            | 4 500 *                      | 79.3                 | 85.0                            | 4 500 *                      | 24.0                           |
| 26.0                           | 73.9                 | 85.4                            | 4 500 *                      | 75.9                 | 85.2                            | 4 500 *                      | 77.9                 | 84.5                            | 4 500 *                      | 26.0                           |
| 28.0                           | 72.5                 | 84.8                            | 4 500 *                      | 74.5                 | 84.6                            | 4 500 *                      | 76.5                 | 83.9                            | 4 500 *                      | 28.0                           |
| 32.0                           | 69.7                 | 83.4                            | 4 500 *                      | 71.7                 | 83.2                            | 4 500 *                      | 73.7                 | 82.5                            | 4 500 *                      | 32.0                           |
| 36.0                           | 66.8                 | 81.8                            | 4 500 *                      | 68.9                 | 81.6                            | 4 500 *                      | 70.8                 | 80.8                            | 4 500 *                      | 36.0                           |
| 40.0                           | 63.9                 | 80.0                            | 4 500 *                      | 65.9                 | 79.7                            | 4 500 *                      | 67.8                 | 79.0                            | 4 500 *                      | 40.0                           |
| 44.0                           | 60.9                 | 77.9                            | 4 500 *                      | 62.9                 | 77.6                            | 4 500 *                      | 64.8                 | 76.8                            | 4 500 *                      | 44.0                           |
| 48.0                           | 57.8                 | 75.5                            | 4 500 *                      | 59.8                 | 75.3                            | 4 500 *                      | 61.7                 | 74.4                            | 4 500 *                      | 48.0                           |
| 52.0                           | 54.7                 | 72.8                            | 4 500 *                      | 56.6                 | 72.6                            | 4 500 *                      | 58.4                 | 71.7                            | 4 500 *                      | 52.0                           |
| 56.0                           | 51.3                 | 69.8                            | 4 500 *                      | 53.3                 | 69.5                            | 4 500 *                      | 55.0                 | 68.6                            | 4 500 *                      | 56.0                           |
| 60.0                           | 47.8                 | 66.4                            | 4 500 *                      | 49.8                 | 66.1                            | 4 500 *                      | 51.5                 | 65.1                            | 4 500 *                      | 60.0                           |
| 64.0                           | 44.1                 | 62.5                            | 4 300                        | 46.0                 | 62.2                            | 4 500 *                      | 47.7                 | 61.2                            | 4 500 *                      | 64.0                           |
| 68.0                           | 40.2                 | 58.1                            | 3 500                        | 42.1                 | 57.7                            | 3 800                        | 43.6                 | 56.6                            | 3 900                        | 68.0                           |
| 72.0                           | 35.9                 | 53.0                            | 2 900                        | 37.7                 | 52.6                            | 3 100                        | 39.2                 | 51.3                            | 3 200                        | 72.0                           |
| 76.0                           | 31.0                 | 46.9                            | 2 300                        | 32.8                 | 46.4                            | 2 400                        |                      |                                 |                              | 76.0                           |
| 80.0                           |                      |                                 |                              | 27.1                 | 38.8                            | 1 900                        |                      |                                 |                              | 80.0                           |
| 70.1m (230 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 16.8                           | 80.5                 | 90.7                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 16.8                           |
| 18.0                           | 79.7                 | 90.5                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 78.4                 | 90.1                            | 4 500 *                      | 80.4                 | 89.8                            | 4 500 *                      |                      |                                 |                              | 20.0                           |
| 22.0                           | 77.1                 | 89.6                            | 4 500 *                      | 79.1                 | 89.4                            | 4 500 *                      |                      |                                 |                              | 22.0                           |
| 24.0                           | 75.8                 | 89.1                            | 4 500 *                      | 77.7                 | 88.9                            | 4 500 *                      | 79.7                 | 88.2                            | 4 500 *                      | 24.0                           |
| 26.0                           | 74.5                 | 88.6                            | 4 500 *                      | 76.4                 | 88.4                            | 4 500 *                      | 78.4                 | 87.6                            | 4 500 *                      | 26.0                           |
| 28.0                           | 73.1                 | 88.0                            | 4 500 *                      | 75.1                 | 87.8                            | 4 500 *                      | 77.0                 | 87.0                            | 4 500 *                      | 28.0                           |
| 32.0                           | 70.4                 | 86.7                            | 4 500 *                      | 72.4                 | 86.4                            | 4 500 *                      | 74.3                 | 85.7                            | 4 500 *                      | 32.0                           |
| 36.0                           | 67.7                 | 85.2                            | 4 500 *                      | 69.6                 | 84.9                            | 4 500 *                      | 71.5                 | 84.1                            | 4 500 *                      | 36.0                           |
| 40.0                           | 64.9                 | 83.4                            | 4 500 *                      | 66.8                 | 83.1                            | 4 500 *                      | 68.7                 | 82.4                            | 4 500 *                      | 40.0                           |
| 44.0                           | 62.0                 | 81.4                            | 4 500 *                      | 63.9                 | 81.1                            | 4 500 *                      | 65.8                 | 80.3                            | 4 500 *                      | 44.0                           |
| 48.0                           | 59.1                 | 79.1                            | 4 500 *                      | 61.0                 | 78.8                            | 4 500 *                      | 62.8                 | 78.0                            | 4 500 *                      | 48.0                           |
| 52.0                           | 56.0                 | 76.6                            | 4 500 *                      | 57.9                 | 76.3                            | 4 500 *                      | 59.7                 | 75.4                            | 4 500 *                      | 52.0                           |
| 56.0                           | 52.9                 | 73.7                            | 4 500 *                      | 54.8                 | 73.4                            | 4 500 *                      | 56.5                 | 72.5                            | 4 500 *                      | 56.0                           |
| 60.0                           | 49.6                 | 70.5                            | 4 500 *                      | 51.5                 | 70.2                            | 4 500 *                      | 53.1                 | 69.2                            | 4 500 *                      | 60.0                           |
| 64.0                           | 46.1                 | 66.8                            | 4 000                        | 48.0                 | 66.5                            | 4 300                        | 49.6                 | 65.5                            | 4 500 *                      | 64.0                           |
| 68.0                           | 42.4                 | 62.7                            | 3 300                        | 44.3                 | 62.4                            | 3 500                        | 45.8                 | 61.3                            | 3 700                        | 68.0                           |
| 72.0                           | 38.5                 | 58.0                            | 2 700                        | 40.3                 | 57.6                            | 2 800                        | 41.8                 | 56.5                            | 3 000                        | 72.0                           |
| 76.0                           | 34.1                 | 52.5                            | 2 100                        | 35.9                 | 52.1                            | 2 200                        | 37.3                 | 50.9                            | 2 300                        | 76.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
Boom No. 22E With Open Throat Top  
83 730 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



## 999 SERIES 2

### 18.3m (60 Ft.) JIB

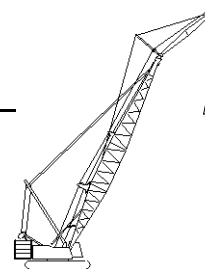
| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 73.2m (240 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 16.8                           | 80.8                 | 93.8                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 16.8                           |
| 18.0                           | 80.1                 | 93.5                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 18.0                           |
| 20.0                           | 78.8                 | 93.2                            | 4 500 *                      | 80.7                 | 92.9                            | 4 500 *                      |                      |                                 |                              | 20.0                           |
| 22.0                           | 77.5                 | 92.7                            | 4 500 *                      | 79.4                 | 92.5                            | 4 500 *                      |                      |                                 |                              | 22.0                           |
| 24.0                           | 76.3                 | 92.3                            | 4 500 *                      | 78.2                 | 92.0                            | 4 500 *                      | 80.0                 | 91.3                            | 4 500 *                      | 24.0                           |
| 26.0                           | 75.0                 | 91.8                            | 4 500 *                      | 76.9                 | 91.5                            | 4 500 *                      | 78.8                 | 90.8                            | 4 500 *                      | 26.0                           |
| 28.0                           | 73.7                 | 91.2                            | 4 500 *                      | 75.6                 | 91.0                            | 4 500 *                      | 77.5                 | 90.2                            | 4 500 *                      | 28.0                           |
| 32.0                           | 71.1                 | 89.9                            | 4 500 *                      | 73.0                 | 89.7                            | 4 500 *                      | 74.8                 | 88.9                            | 4 500 *                      | 32.0                           |
| 36.0                           | 68.5                 | 88.4                            | 4 500 *                      | 70.3                 | 88.2                            | 4 500 *                      | 72.2                 | 87.4                            | 4 500 *                      | 36.0                           |
| 40.0                           | 65.8                 | 86.7                            | 4 500 *                      | 67.6                 | 86.5                            | 4 500 *                      | 69.4                 | 85.7                            | 4 500 *                      | 40.0                           |
| 44.0                           | 63.0                 | 84.8                            | 4 500 *                      | 64.9                 | 84.6                            | 4 500 *                      | 66.6                 | 83.8                            | 4 500 *                      | 44.0                           |
| 48.0                           | 60.2                 | 82.6                            | 4 500 *                      | 62.0                 | 82.4                            | 4 500 *                      | 63.8                 | 81.6                            | 4 500 *                      | 48.0                           |
| 52.0                           | 57.3                 | 80.2                            | 4 500 *                      | 59.1                 | 79.9                            | 4 500 *                      | 60.8                 | 79.1                            | 4 500 *                      | 52.0                           |
| 56.0                           | 54.3                 | 77.5                            | 4 500 *                      | 56.1                 | 77.2                            | 4 500 *                      | 57.8                 | 76.3                            | 4 500 *                      | 56.0                           |
| 60.0                           | 51.2                 | 74.4                            | 4 500 *                      | 53.0                 | 74.1                            | 4 500 *                      | 54.6                 | 73.2                            | 4 500 *                      | 60.0                           |
| 64.0                           | 47.9                 | 71.0                            | 3 800                        | 49.7                 | 70.7                            | 4 100                        | 51.3                 | 69.7                            | 4 300                        | 64.0                           |
| 68.0                           | 44.5                 | 67.2                            | 3 100                        | 46.3                 | 66.8                            | 3 300                        | 47.8                 | 65.8                            | 3 500                        | 68.0                           |
| 72.0                           | 40.8                 | 62.8                            | 2 400                        | 42.6                 | 62.4                            | 2 600                        | 44.0                 | 61.3                            | 2 800                        | 72.0                           |
| 76.0                           | 36.8                 | 57.8                            | 1 800                        | 38.6                 | 57.4                            | 2 000                        | 40.0                 | 56.2                            | 2 200                        | 76.0                           |
| 76.2m (250 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 18.3                           | 80.2                 | 96.6                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 18.3                           |
| 20.0                           | 79.2                 | 96.3                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 20.0                           |
| 22.0                           | 77.9                 | 95.9                            | 4 500 *                      | 79.8                 | 95.6                            | 4 500 *                      |                      |                                 |                              | 22.0                           |
| 24.0                           | 76.7                 | 95.4                            | 4 500 *                      | 78.5                 | 95.2                            | 4 500 *                      |                      |                                 |                              | 24.0                           |
| 26.0                           | 75.5                 | 94.9                            | 4 500 *                      | 77.3                 | 94.7                            | 4 500 *                      | 79.1                 | 93.9                            | 4 500 *                      | 26.0                           |
| 28.0                           | 74.2                 | 94.4                            | 4 500 *                      | 76.1                 | 94.1                            | 4 500 *                      | 77.9                 | 93.4                            | 4 500 *                      | 28.0                           |
| 32.0                           | 71.7                 | 93.1                            | 4 500 *                      | 73.5                 | 92.9                            | 4 500 *                      | 75.3                 | 92.1                            | 4 500 *                      | 32.0                           |
| 36.0                           | 69.2                 | 91.7                            | 4 500 *                      | 71.0                 | 91.5                            | 4 500 *                      | 72.8                 | 90.7                            | 4 500 *                      | 36.0                           |
| 40.0                           | 66.6                 | 90.1                            | 4 500 *                      | 68.4                 | 89.8                            | 4 500 *                      | 70.1                 | 89.0                            | 4 500 *                      | 40.0                           |
| 44.0                           | 63.9                 | 88.2                            | 4 500 *                      | 65.7                 | 88.0                            | 4 500 *                      | 67.5                 | 87.2                            | 4 500 *                      | 44.0                           |
| 48.0                           | 61.2                 | 86.1                            | 4 500 *                      | 63.0                 | 85.9                            | 4 500 *                      | 64.7                 | 85.1                            | 4 500 *                      | 48.0                           |
| 52.0                           | 58.5                 | 83.8                            | 4 500 *                      | 60.2                 | 83.5                            | 4 500 *                      | 61.9                 | 82.7                            | 4 500 *                      | 52.0                           |
| 56.0                           | 55.6                 | 81.2                            | 4 500 *                      | 57.4                 | 80.9                            | 4 500 *                      | 59.0                 | 80.1                            | 4 500 *                      | 56.0                           |
| 60.0                           | 52.6                 | 78.3                            | 4 400                        | 54.4                 | 78.0                            | 4 500 *                      | 56.0                 | 77.1                            | 4 500 *                      | 60.0                           |
| 64.0                           | 49.5                 | 75.1                            | 3 600                        | 51.3                 | 74.7                            | 3 900                        | 52.9                 | 73.8                            | 4 200                        | 64.0                           |
| 68.0                           | 46.3                 | 71.4                            | 2 900                        | 48.0                 | 71.1                            | 3 100                        | 49.6                 | 70.1                            | 3 400                        | 68.0                           |
| 72.0                           | 42.9                 | 67.4                            | 2 200                        | 44.6                 | 67.0                            | 2 400                        | 46.1                 | 66.0                            | 2 700                        | 72.0                           |
| 76.0                           |                      |                                 |                              | 40.9                 | 62.4                            | 1 800                        | 42.3                 | 61.2                            | 2 000                        | 76.0                           |



# Liftcrane Jib Capacities

Jib No. 123 With 3 810 mm Strut On  
 Boom No. 22E With Open Throat Top  
 83 730 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements



## 999 SERIES 2

### 18.3m (60 Ft.) JIB

| Jib<br>Oper.<br>Rad.<br>Meters | 0 Degree Offset      |                                 |                              | 10 Degree Offset     |                                 |                              | 20 Degree Offset     |                                 |                              | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|----------------------|---------------------------------|------------------------------|--------------------------------|
|                                | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Meters | Jib<br>Capacity<br>Kilograms |                                |
| 79.2m (260 Ft.) BOOM           |                      |                                 |                              |                      |                                 |                              |                      |                                 |                              |                                |
| 18.3                           | 80.5                 | 99.7                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 18.3                           |
| 20.0                           | 79.5                 | 99.4                            | 4 500 *                      |                      |                                 |                              |                      |                                 |                              | 20.0                           |
| 22.0                           | 78.3                 | 99.0                            | 4 500 *                      | 80.1                 | 98.7                            | 4 500 *                      |                      |                                 |                              | 22.0                           |
| 24.0                           | 77.1                 | 98.5                            | 4 500 *                      | 78.9                 | 98.3                            | 4 500 *                      |                      |                                 |                              | 24.0                           |
| 26.0                           | 75.9                 | 98.1                            | 4 500 *                      | 77.7                 | 97.8                            | 4 500 *                      | 79.5                 | 97.1                            | 4 500 *                      | 26.0                           |
| 28.0                           | 74.7                 | 97.5                            | 4 500 *                      | 76.5                 | 97.3                            | 4 500 *                      | 78.3                 | 96.5                            | 4 500 *                      | 28.0                           |
| 32.0                           | 72.3                 | 96.3                            | 4 500 *                      | 74.1                 | 96.1                            | 4 500 *                      | 75.8                 | 95.3                            | 4 500 *                      | 32.0                           |
| 36.0                           | 69.8                 | 95.0                            | 4 500 *                      | 71.6                 | 94.7                            | 4 500 *                      | 73.3                 | 93.9                            | 4 500 *                      | 36.0                           |
| 40.0                           | 67.3                 | 93.4                            | 4 500 *                      | 69.1                 | 93.1                            | 4 500 *                      | 70.8                 | 92.4                            | 4 500 *                      | 40.0                           |
| 44.0                           | 64.8                 | 91.6                            | 4 500 *                      | 66.6                 | 91.3                            | 4 500 *                      | 68.2                 | 90.6                            | 4 500 *                      | 44.0                           |
| 48.0                           | 62.2                 | 89.6                            | 4 500 *                      | 63.9                 | 89.3                            | 4 500 *                      | 65.6                 | 88.5                            | 4 500 *                      | 48.0                           |
| 52.0                           | 59.5                 | 87.4                            | 4 500 *                      | 61.3                 | 87.1                            | 4 500 *                      | 62.9                 | 86.3                            | 4 500 *                      | 52.0                           |
| 56.0                           | 56.8                 | 84.9                            | 4 500 *                      | 58.5                 | 84.6                            | 4 500 *                      | 60.1                 | 83.7                            | 4 500 *                      | 56.0                           |
| 60.0                           | 54.0                 | 82.1                            | 4 300                        | 55.7                 | 81.8                            | 4 400                        | 57.2                 | 80.9                            | 4 500 *                      | 60.0                           |
| 64.0                           | 51.0                 | 79.0                            | 3 400                        | 52.7                 | 78.7                            | 3 700                        | 54.3                 | 77.8                            | 3 900                        | 64.0                           |
| 68.0                           | 48.0                 | 75.6                            | 2 600                        | 49.7                 | 75.3                            | 2 900                        | 51.2                 | 74.3                            | 3 200                        | 68.0                           |
| 72.0                           | 44.8                 | 71.8                            | 2 000                        | 46.4                 | 71.4                            | 2 200                        | 47.9                 | 70.4                            | 2 400                        | 72.0                           |
| 76.0                           |                      |                                 |                              |                      |                                 |                              | 44.4                 | 66.0                            | 1 800                        | 76.0                           |