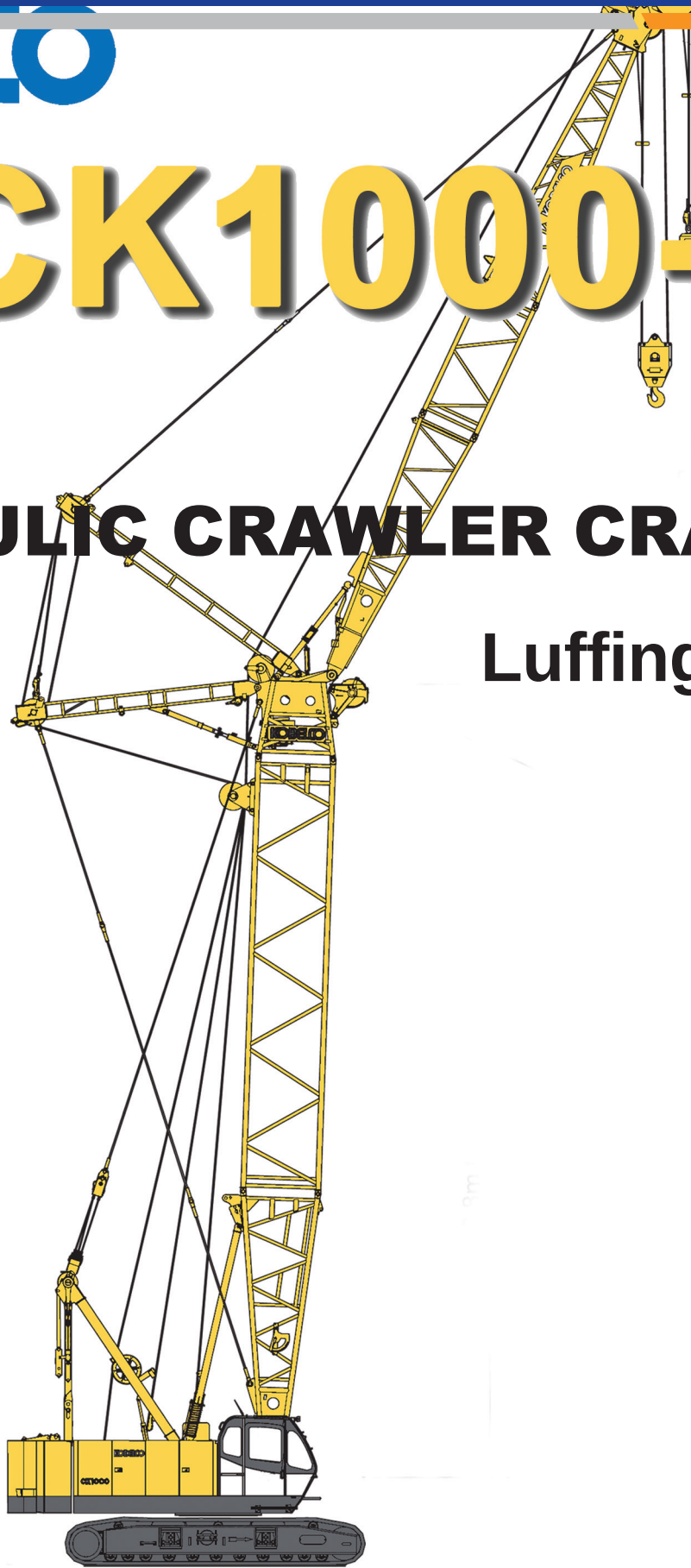


**KOBELCO**

# CK1000-III

## HYDRAULIC CRAWLER CRANE

### Luffing Jib



**Max. Lifting Capacity with Luffing Jib: 80,000 lbs**  
**Max. Boom Length: 115 ft (with up to 100' of Luffing Jib)**



# SPECIFICATIONS FOR CK1000-III CRAWLER CRANE

## LUFFING JIB

The Kobelco CK1000-III Crawler Crane is designed from the ground up for reliable operation, convenient maintenance and easy transport. Please consult your Kobelco distributor for additional information regarding specifications, operating parameters and maintenance requirements.

### 1. GENERAL DESCRIPTION

|                                                             |                                                                                                                          |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Type</b>                                                 | Crawler mounted, fully revolving                                                                                         |
| <b>Maximum lifting capacity with luffing jib</b>            | 80,000 lbs x 22' (36.3 ton x 6.7m)                                                                                       |
| <b>Maximum boom length</b>                                  | 115' (35.1 m)<br>with up to 100' (30.5 m) of luffing jib                                                                 |
| <b>Maximum luffing jib length</b>                           | 170' (51.8 m)<br>with up to 95' (28.9 m) of main boom                                                                    |
| <b>Working weight</b>                                       | Approx. 200,400 lbs (90.9 ton)<br>(Including upper and lower machine,<br>counterweights, 55' boom + 50' jib, hook block) |
| <b>Ground bearing pressure</b><br>(with 55' boom + 50' jib) | Approx. 14.0 psi<br>(96.4 kPa)                                                                                           |

### 2. WORKING SPEED

|                                                  |                                     |
|--------------------------------------------------|-------------------------------------|
| <b>Hoist line speed (front and rear drum)</b>    | 390 ~ 10 ft/min (120 ~ 3 m/min)     |
| <b>Lowering line speed (front and rear drum)</b> | 390 ~ 10 ft/min (120 ~ 3 m/min)     |
| <b>Boom hoist line speed</b>                     | 230 ~ 7 ft/min (70 ~ 2 m/min)       |
| <b>Boom lowering line speed</b>                  | 230 ~ 7 ft/min (70 ~ 2 m/min)       |
| <b>Jib hoist line speed</b>                      | 98~7 ft/min (30~2 m/min)            |
| <b>Jib Lowering line speed</b>                   | 98~7 ft/min (30~2 m/min)            |
| <b>Swing speed</b>                               | 4.0 rpm (4.0 min <sup>-1</sup> )    |
| <b>Travel speed (High / Low)</b>                 | 1.18 / 0.75 mph (1.9 / 1.2 km/hour) |

Line speed based on single line, no load and first layer of rope on the drum. Line speed is controllable by Dial-type Speed Control System.

### 3. LUFFING JIB ATTACHMENTS

#### 3.1 Boom

The welded lattice construction uses tubular, high-tension steel chords with pin connections between sections, extendible up to 115' (35.1 m).

|                                                                |               |
|----------------------------------------------------------------|---------------|
| <b>Basic boom length</b>                                       | 55' (16.8 m)  |
| <b>Boom tip section (with pin connected boom point sheave)</b> | 5' (1.52 m)   |
| <b>Boom insert section (with idler sheave)</b>                 | 30' (9.14 m)  |
| <b>Boom base section</b>                                       | 20' (6.10 m)  |
| <b>Maximum boom length</b>                                     | 115' (35.1 m) |

#### 3.2 Boom insert

Boom insert is available to provide extension capabilities. They feature welded lattice construction with tubular, high-tension strength steel chords and pin connections.

**Boom insert** 10' (3.05 m), 20' (6.10 m), 30' (9.14 m)

#### 3.3 Jib

The jib employs welded lattice construction with tubular, high-tension steel chords with pin connections between sections, extendible up to 170' (51.8 m).

|                              |                                             |
|------------------------------|---------------------------------------------|
| <b>Basic jib length</b>      | 50' (15.2 m)                                |
| <b>Jib insert</b>            | 10' (3.05 m)                                |
| <b>Jib tip section</b>       | 21' (6.40 m)                                |
| <b>Jib base section</b>      | 19' (5.79 m)                                |
| <b>No. of point sheaves</b>  | 3                                           |
| <b>Maximum lift capacity</b> | 80,000 lbs (36.3 ton)                       |
| <b>Maximum jib length</b>    | 170' (51.8 m)                               |
| <b>Insert jib length</b>     | 10' (3.05 m), 20' (6.10 m),<br>40' (12.2 m) |

Jib boom inserts are available to provide extension capabilities. They feature welded lattice construction with tubular, high-tension strength steel chords and pin connections. 10' (3.05 m), 20' (6.10 m), and 40' (12.2 m) boom inserts and jib tip section are common to CK1000-III straight crane boom.

#### 3.4 Auxiliary sheave

One (1) sheave with rollers, required during erection of jib.

#### 3.5 Diameter of wire ropes

|                                   |                 |
|-----------------------------------|-----------------|
| <b>Hoist rope</b>                 | 1" (26.0 mm)    |
| <b>Jib hoist rope (6 parts)</b>   | 1" (26.0 mm)    |
| <b>Boom hoist rope (12 parts)</b> | 5/8" (16 mm)    |
| <b>Boom suspension rope</b>       | 1-3/16" (30 mm) |
| <b>Jib suspension rope</b>        | 1-3/16" (30 mm) |
| <b>Strut suspension rope</b>      | 1-3/16" (30 mm) |

#### 3.6 Boom hoist reeving

Twelve (12) parts of 5/8" (16.0 mm) dia. high strength wire rope.

#### 3.7 Jib hoist reeving

Six (6) parts of 1" (26.0 mm) dia. high strength wire rope.

#### 3.8 Backstops

Required for all boom and jib length.

\*Figures in () are metric.



## 4. JIB HOIST DRUM

**Jib hoist drum** (3rd drum on straight crane - without  
freefall function)

Powered by hydraulic motor through planetary reducer.

**Drum** Single drum

Grooved for 1" (26.0 mm) dia. wire rope

**Brake** A spring-set, hydraulically released  
multiple-disc brake is internally configured in the  
hoist motor and is operated through a  
counter-balance valve.

External ratchet for locking drum.

## 5. SAFETY DEVICES

Function lock lever

Hook over hoist shut off (Anti-two-block)

Boom and jib over hoist limit switch

Boom angle indicator

Signal horn

Boom and jib hoist drum lock

Front and rear hoist drum lock

Swing lock

Swing alarm (Buzzer and lamps)

Boom backstops

Jib backstops

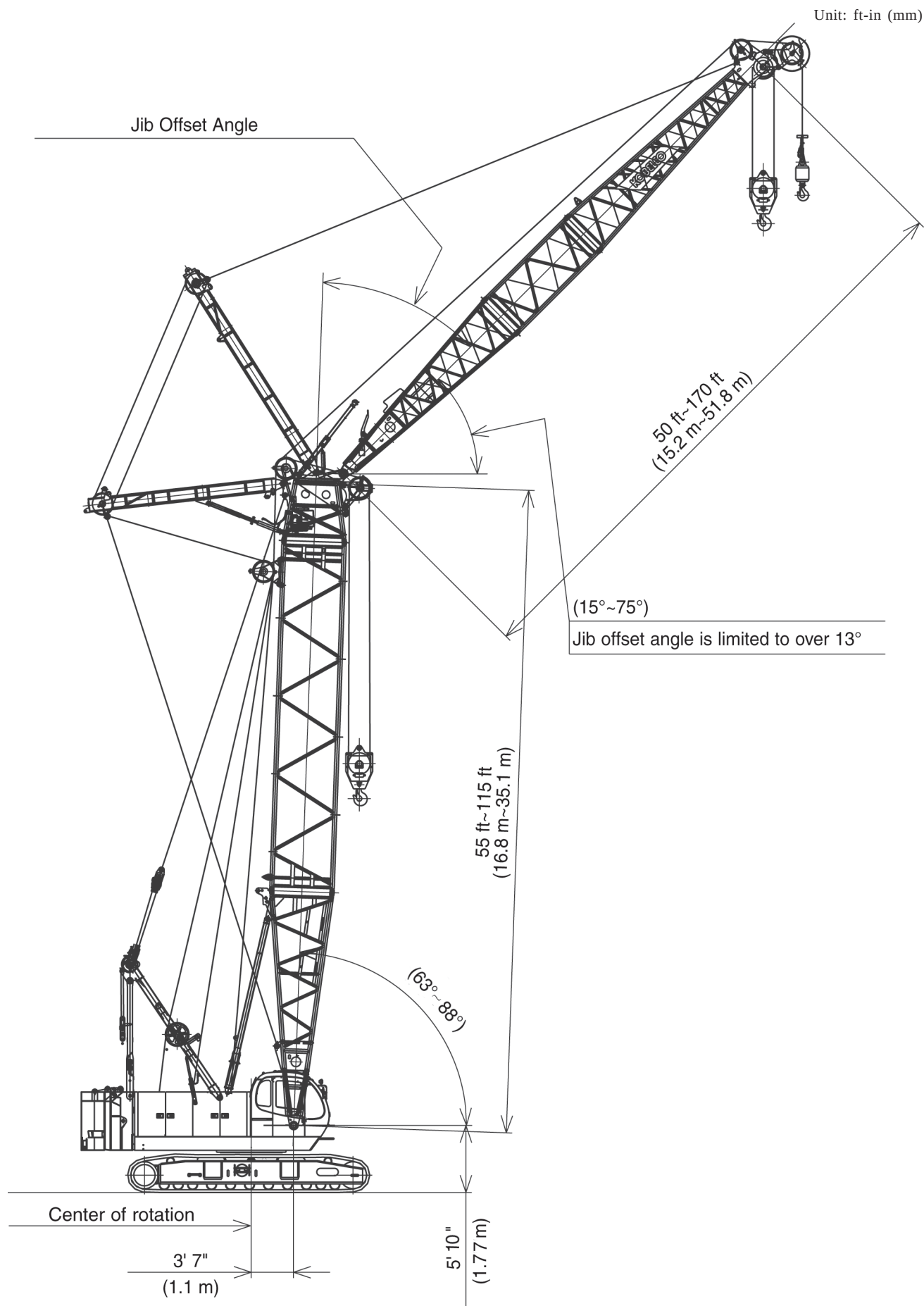
Strut backstops

Over load preventive device (Load Moment Indicator)

All specifications are subject to change without notice.

# **Cutting Jib Dimensions**

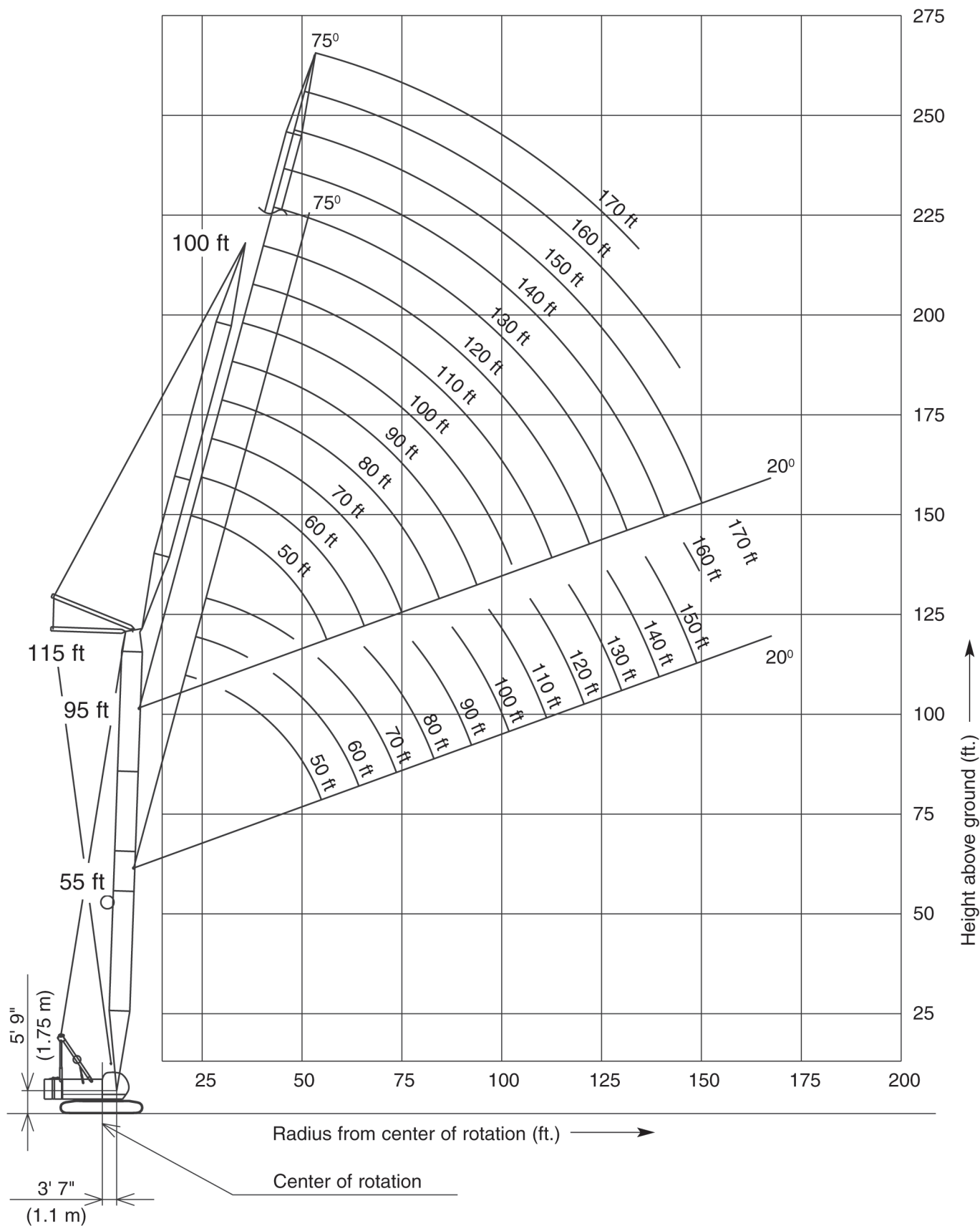
**KOBELCO**



# **Cutting Jib Working Ranges**



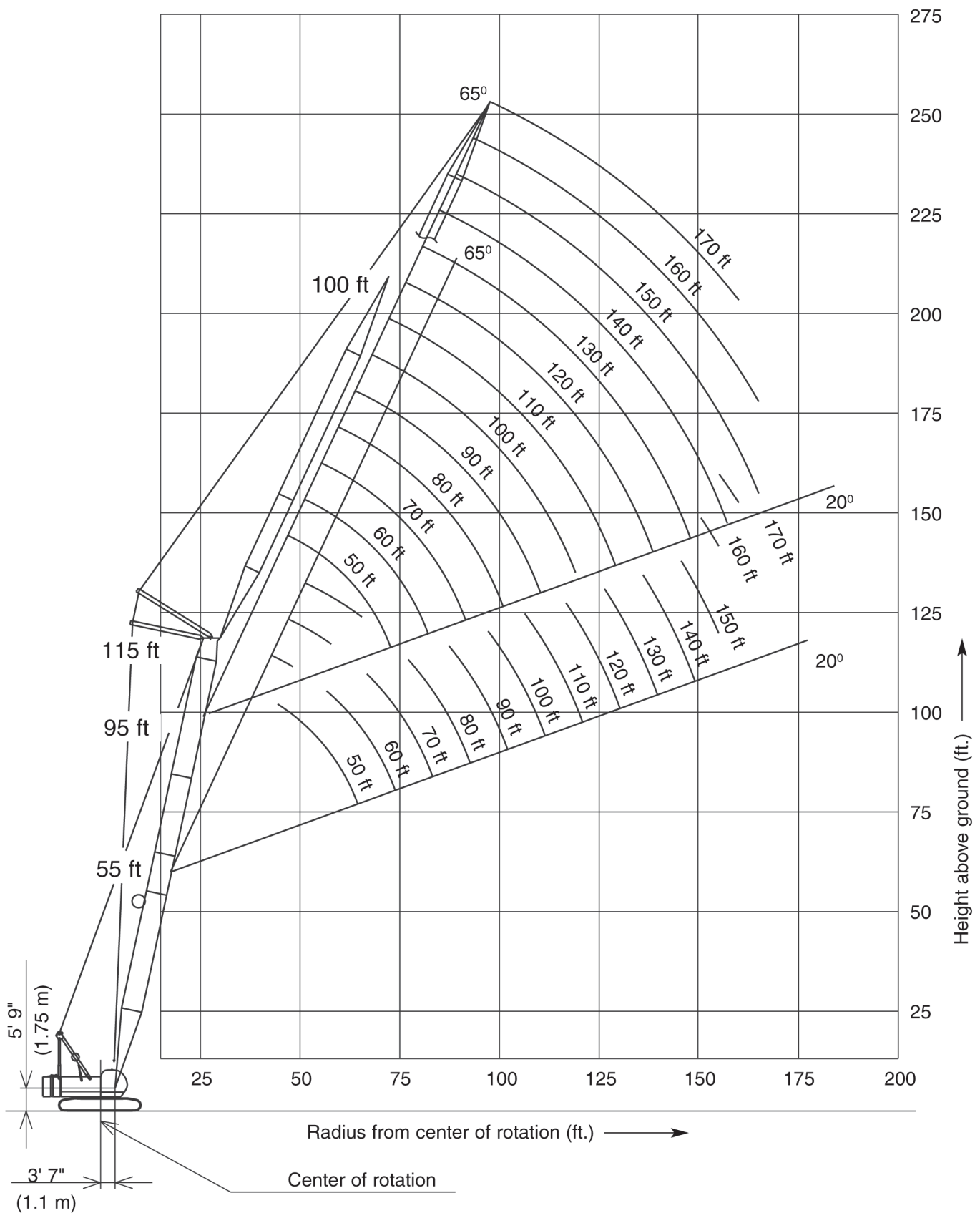
**Boom Angle 88°**



# **Lifting Jib Working Ranges**



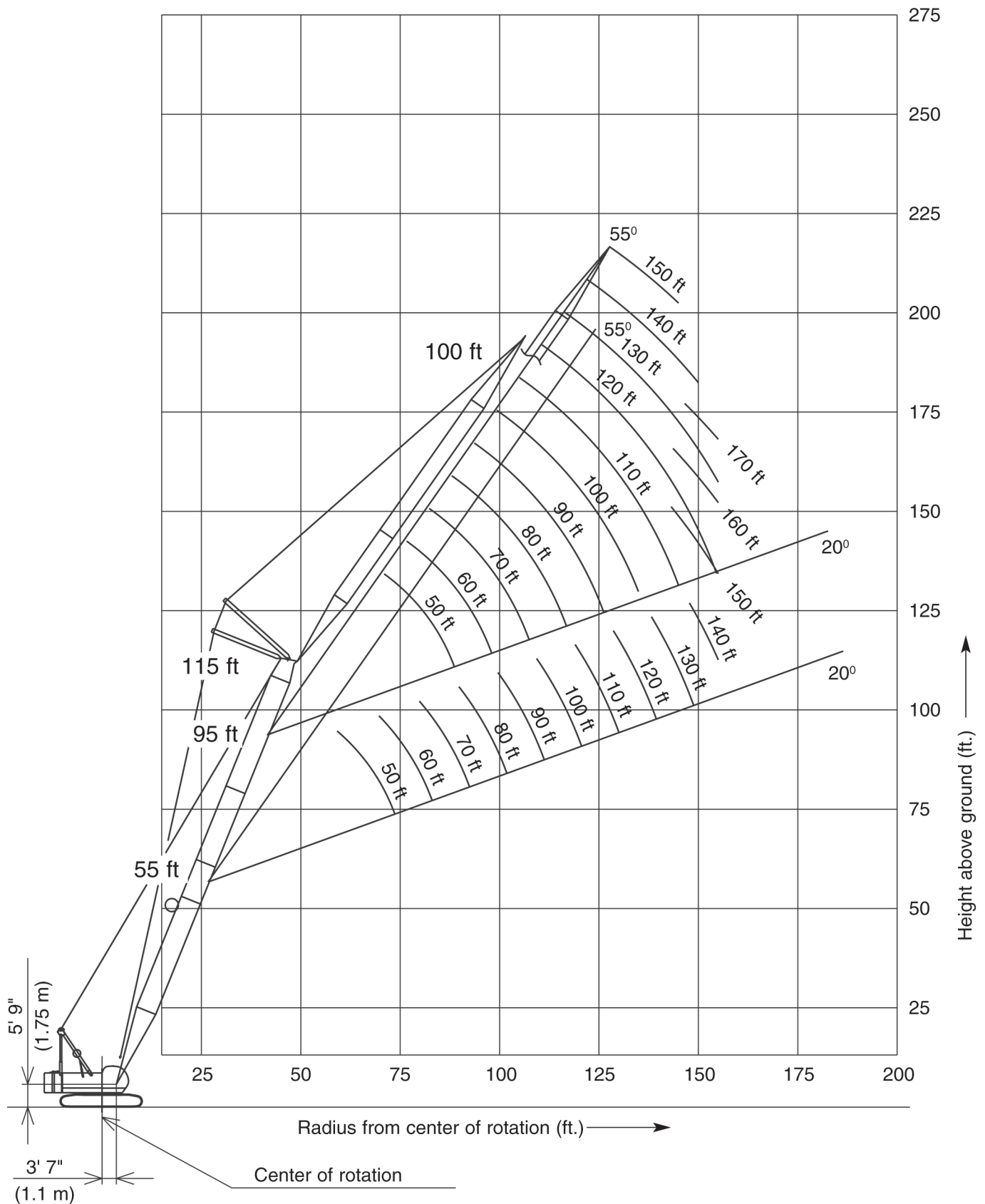
**Boom Angle 78°**



# Luffing Jib Working Ranges

**KOBELCO**

Boom Angle 68°



# Boom and Guy Line Arrangement

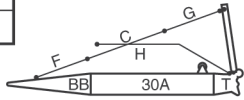


## (Luffing Jib) 1/2

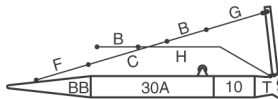
| GUY LINE LENGTH |                |                |
|-----------------|----------------|----------------|
| Item            | Dia in.(mm)    | Length ft(m)   |
| B               | Ø 1 3/16" (30) | 10.00' (3.05)  |
| C               | Ø 1 3/16" (30) | 20.00' (6.10)  |
| E               | Ø 1 3/16" (30) | 30.00' (9.14)  |
| F               | Ø 1 3/16" (30) | 13.25' (4.04)  |
| G               | Ø 1 3/16" (30) | 14.34' (4.37)  |
| H               | Ø 1 3/16" (30) | 34.22' (10.43) |

For most efficient use of this machine, boom and guy line arrangement must be correctly observed as shown.

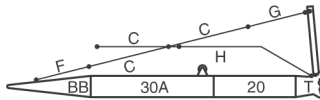
55 ft  
(16.8 m)



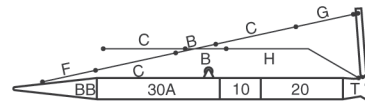
65 ft  
(19.8 m)



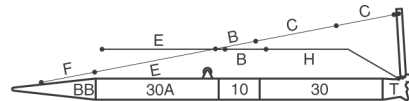
75 ft  
(22.9 m)



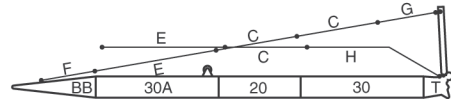
85 ft  
(25.9 m)



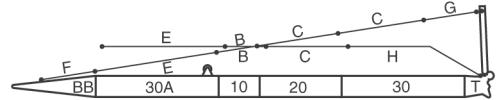
95 ft  
(29.0 m)



105 ft  
(32.0 m)



115 ft  
(35.1 m)



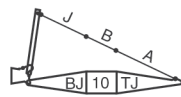
# Boom and Guy Line Arrangement

## (Luffing Jib) 2/2

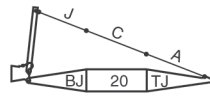
| GUY LINE LENGTH |                |                |
|-----------------|----------------|----------------|
| Item            | Dia in.(mm)    | Length ft(m)   |
| A               | Ø 1 3/16" (30) | 20.24' (6.17)  |
| B               | Ø 1 3/16" (30) | 10.00' (3.05)  |
| C               | Ø 1 3/16" (30) | 20.00' (6.10)  |
| D               | Ø 1 3/16" (30) | 40.00' (12.20) |
| J               | Ø 1 3/16" (30) | 18.57' (5.66)  |

For most efficient use of this machine, boom and guy line arrangement must be correctly observed as shown.

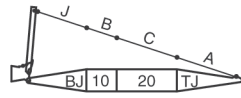
50 ft  
(15.24 m)



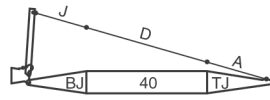
60 ft  
(18.29 m)



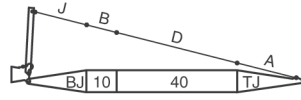
70 ft  
(21.34 m)



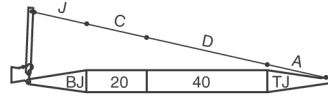
80 ft  
(24.38 m)



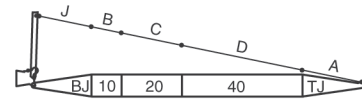
90 ft  
(27.43 m)



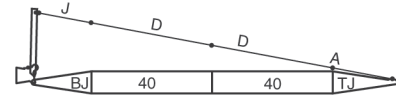
100 ft  
(30.48 m)



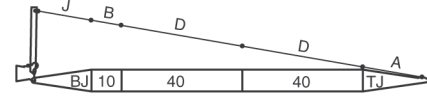
110 ft  
(33.53 m)



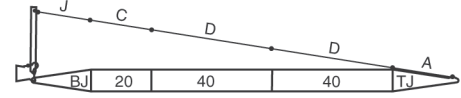
120 ft  
(36.58 m)



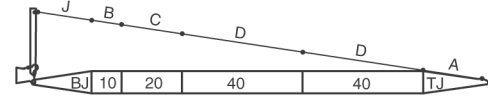
130 ft  
(39.62 m)



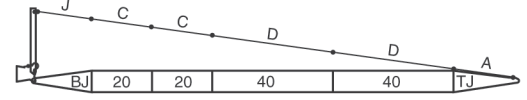
140 ft  
(42.67 m)



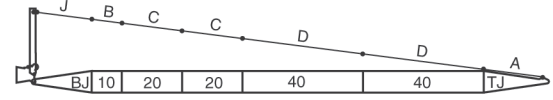
150 ft  
(45.72 m)



160 ft  
(48.77 m)



170 ft  
(51.82 m)



# Rating Chart Supplemental Data

# KOBELLO

The following guidelines should be referred to when interpreting the load rating charts.

- Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or de-rate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, multiple machine lifts, and traveling with a load).
- Capacities do not exceed 75% of minimum tipping loads. Capacities based on factors other than machine stability such as structural competence are shown by **asterisk\*** in the charts.
- The machine must be reeved and set-up as stated in the Operator's Manual and all the instruction manuals. If these manuals are missing, obtain replacements.
  - Boom backstops and jib backstops are required for all boom lengths.
  - Gantry must be in the fully raised position for all operations.
  - The crane must be leveled to within 1% on a firm supporting surface.
- Do not attempt to lift a load where no radius on load chart is listed as crane may tip or collapse.
- Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
- Weight of hooks, hook blocks, slings and other lifting devices are a part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.
- When lifting over jib point with auxiliary sheave or pin connected boom point sheave attached, rated loads for the jib and sheave must be deducted as shown below.

|                 | Auxiliary Sheave | Pin Connected Boom point sheave |
|-----------------|------------------|---------------------------------|
| Deduction (lbs) | 850              | 480                             |

- The total load that can be lifted over a jib is limited by the rated jib loads.
- The total load that can be lifted over an auxiliary sheave is the value 850 lbs deducted from rated load for the jib without auxiliary sheave, but it should not exceed 25,000 lbs.

## 10. Luffing boom and jib combinations.

|                  |     | Jib Length (ft) |    |    |    |    |     |     |     |     |     |     |     |     |
|------------------|-----|-----------------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|
|                  |     | 50              | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 |
| Boom Length (ft) | 55  | 0               | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|                  | 65  | 0               | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|                  | 75  | 0               | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|                  | 85  | 0               | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|                  | 95  | 0               | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|                  | 105 | 0               | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0*  | 0*  | X   | X   |
|                  | 115 | 0               | 0  | 0  | 0  | 0* | 0*  | X   | X   | X   | X   | X   | X   | X   |

0: Indicates combinations which are allowed.

0\*: Indicates combinations which are allowed if a pin connected boom point sheave is not used.

X: Indicates combinations which are not allowed.

- The boom should be erected over the front of the crawlers, not laterally. When erecting and lowering a boom length of 85 ft (25.9 m) and over, the blocks for erection must be placed at the end of the crawlers in front of the idler wheel.
- Least stable position is over the side.
- Maximum number of reeving parts of lines for hoist rope

### (1) Parts of line for luffing jib

|                  |     | Jib Length (ft) |    |    |    |    |     |     |     |     |     |     |     |     |
|------------------|-----|-----------------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|
|                  |     | 50              | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 |
| Boom Length (ft) | 55  | 4               | 4  | 4  | 4  | 4  | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
|                  | 65  | 4               | 4  | 4  | 4  | 2  | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
|                  | 75  | 4               | 4  | 4  | 4  | 2  | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
|                  | 85  | 4               | 4  | 4  | 4  | 2  | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
|                  | 95  | 4               | 4  | 4  | 2  | 2  | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
|                  | 105 | 4               | 4  | 2  | 2  | 2  | 2   | 2   | 2   | 2   | 2   | 2   | X   | X   |
|                  | 115 | 4               | 2  | 2  | 2  | 2  | 2   | X   | X   | X   | X   | X   | X   | X   |

X: Indicates combinations which are not allowed.

### (2) Parts of line for crane boom when pin connected point sheave is installed. (Luffing jib is attached but not used.)

|                  |     | Jib Length (ft) |    |    |    |    |     |     |     |     |     |     |     |     |
|------------------|-----|-----------------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|
|                  |     | 50              | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 |
| Boom Length (ft) | 55  | 4               | 4  | 4  | 4  | 4  | 4   | 4   | 4   | 4   | 4   | 4   | 2   | 2   |
|                  | 65  | 4               | 4  | 4  | 4  | 4  | 4   | 4   | 4   | 4   | 4   | 4   | 2   | 2   |
|                  | 75  | 4               | 4  | 4  | 4  | 4  | 4   | 4   | 4   | 4   | 2   | 2   | 2   | 2   |
|                  | 85  | 4               | 4  | 4  | 4  | 4  | 4   | 4   | 4   | 2   | 2   | 2   | 2   | 2   |
|                  | 95  | 4               | 4  | 4  | 4  | 4  | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
|                  | 105 | 4               | 4  | 4  | 4  | 4  | 2   | 2   | 2   | 2   | X   | X   | X   | X   |
|                  | 115 | 4               | 2  | 2  | 2  | X  | X   | X   | X   | X   | X   | X   | X   | X   |

X: Indicates combinations which are not allowed.



# Rating Chart Supplemental Data



14. Maximum hoisting load per parts of line (hoist rope).

## Main boom hoist loads

|                     |        |        |        |        |
|---------------------|--------|--------|--------|--------|
| Parts of line       | 1      | 2      | (3)    | 4      |
| Maximum loads (lbs) | 25,000 | 50,000 | 75,000 | 90,000 |

## Jib hoist loads

|                     |        |        |        |        |
|---------------------|--------|--------|--------|--------|
| Parts of line       | 1      | 2      | (3)    | 4      |
| Maximum loads (lbs) | 25,000 | 50,000 | 75,000 | 80,000 |

## Auxiliary hoist loads

|                     |        |
|---------------------|--------|
| Parts of line       | 1      |
| Maximum loads (lbs) | 25,000 |

Parts of lines with parenthesis ( ) is not recommended for lifting.

## Minimum weight of hook block required for lowering.

|               |     |       |       |
|---------------|-----|-------|-------|
| Parts of line | 1   | 2     | 4     |
| Weight (lbs)  | 600 | 1,200 | 1,500 |

15. Lifting capacities shown apply only to the machine as originally manufactured and designed by KOBELCO CRANES CO., LTD. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.

16. Designed and rated to comply with ANSI Code B30.5.

*Operation of this equipment in excess of rated loads or disregard of instruction voids the warranty.*

# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 55' Boom          |            |          |          |        |        |        |                   |            |          |        |        |        |        |
|-------------------|------------|----------|----------|--------|--------|--------|-------------------|------------|----------|--------|--------|--------|--------|
| Load Radius (ft.) | 50 ft Jib  |          |          |        |        |        | Load Radius (ft.) | 60 ft Jib  |          |        |        |        |        |
|                   | Boom Angle |          |          |        |        |        |                   | Boom Angle |          |        |        |        |        |
|                   | 88         | 83       | 78       | 73     | 68     | 63     |                   | 88         | 83       | 78     | 73     | 68     | 63     |
| 22                | 80,000 *   |          |          |        |        |        | 22                |            |          |        |        |        |        |
| 24                | 73,100 *   |          |          |        |        |        | 24                |            |          |        |        |        |        |
| 26                | 67,500 *   |          |          |        |        |        | 26                | 67,100 *   |          |        |        |        |        |
| 28                | 62,700 *   |          |          |        |        |        | 28                | 62,500 *   |          |        |        |        |        |
| 30                | 58,600 *   |          |          |        |        |        | 30                | 58,300 *   |          |        |        |        |        |
| 35                | 49,800 *   | 49,800 * |          |        |        |        | 35                | 49,500 *   | 49,300 * |        |        |        |        |
| 40                | 43,600 *   | 43,600 * | 43,600 * |        |        |        | 40                | 43,400 *   | 43,400 * |        |        |        |        |
| 45                | 38,800 *   | 38,600   | 37,700   |        |        |        | 45                | 38,600 *   | 38,100   | 37,000 |        |        |        |
| 50                | 32,600 *   | 33,500   | 32,800   | 32,200 |        |        | 50                | 34,200 *   | 33,300   | 32,600 |        |        |        |
| 55                | 25,400 *   | 29,500   | 28,900   | 28,200 |        |        | 55                | 30,000 *   | 29,300   | 28,700 | 27,800 |        |        |
| 60                |            | 26,500   | 25,800   | 25,100 | 24,700 |        | 60                | 26,300 *   | 26,200   | 25,600 | 24,900 |        |        |
| 65                |            |          | 23,400   | 22,700 | 22,300 | 21,600 | 65                | 20,900 *   | 23,600   | 23,100 | 22,500 | 21,800 |        |
| 70                |            |          |          | 20,700 | 20,300 | 19,800 | 70                |            | 21,400   | 20,900 | 20,500 | 20,100 |        |
| 75                |            |          |          |        |        | 18,100 | 75                |            |          |        | 18,500 | 18,100 | 17,600 |
| 80                |            |          |          |        |        |        | 80                |            |          |        |        | 16,800 | 16,300 |
| 85                |            |          |          |        |        |        | 85                |            |          |        |        |        | 15,000 |
| 90                |            |          |          |        |        |        | 90                |            |          |        |        |        |        |
| 95                |            |          |          |        |        |        | 95                |            |          |        |        |        |        |
| 100               |            |          |          |        |        |        | 100               |            |          |        |        |        |        |
| 105               |            |          |          |        |        |        | 105               |            |          |        |        |        |        |
| 110               |            |          |          |        |        |        | 110               |            |          |        |        |        |        |
| 115               |            |          |          |        |        |        | 115               |            |          |        |        |        |        |
| 120               |            |          |          |        |        |        | 120               |            |          |        |        |        |        |
| 125               |            |          |          |        |        |        | 125               |            |          |        |        |        |        |
| 130               |            |          |          |        |        |        | 130               |            |          |        |        |        |        |
| 135               |            |          |          |        |        |        | 135               |            |          |        |        |        |        |

| 55' Boom          |            |          |        |        |        |        |                   |            |        |        |        |        |        |
|-------------------|------------|----------|--------|--------|--------|--------|-------------------|------------|--------|--------|--------|--------|--------|
| Load Radius (ft.) | 70 ft Jib  |          |        |        |        |        | Load Radius (ft.) | 80 ft Jib  |        |        |        |        |        |
|                   | Boom Angle |          |        |        |        |        |                   | Boom Angle |        |        |        |        |        |
|                   | 88         | 83       | 78     | 73     | 68     | 63     |                   | 88         | 83     | 78     | 73     | 68     | 63     |
| 22                |            |          |        |        |        |        | 30                |            |        |        |        |        |        |
| 24                |            |          |        |        |        |        | 35                | 49,100 *   |        |        |        |        |        |
| 26                |            |          |        |        |        |        | 40                | 43,200 *   |        |        |        |        |        |
| 28                | 61,800 *   |          |        |        |        |        | 45                | 38,400 *   | 37,700 |        |        |        |        |
| 30                | 58,300 *   |          |        |        |        |        | 50                | 33,700     | 33,100 |        |        |        |        |
| 35                | 49,500 *   |          |        |        |        |        | 55                | 29,500     | 28,900 | 27,800 |        |        |        |
| 40                | 43,400 *   | 43,200 * |        |        |        |        | 60                | 26,500     | 25,800 | 25,100 |        |        |        |
| 45                | 38,600 *   | 38,100   |        |        |        |        | 65                | 23,800     | 23,100 | 22,500 | 21,800 |        |        |
| 50                | 34,200     | 33,300   | 32,200 |        |        |        | 70                | 21,600     | 21,200 | 20,500 | 20,100 |        |        |
| 55                | 30,000     | 29,300   | 28,400 |        |        |        | 75                | 19,600     | 19,200 | 18,500 | 18,100 | 17,600 |        |
| 60                | 26,700     | 26,000   | 25,400 | 24,700 |        |        | 80                | 18,100     | 17,600 | 17,000 | 16,800 | 16,100 |        |
| 65                | 24,000     | 23,600   | 22,900 | 22,300 |        |        | 85                |            | 16,300 | 15,700 | 15,400 | 14,800 | 14,300 |
| 70                | 21,700 *   | 21,400   | 20,700 | 20,300 | 19,800 |        | 90                |            |        | 14,600 | 14,100 | 13,700 | 13,200 |
| 75                |            | 19,400   | 19,000 | 18,300 | 17,900 |        | 95                |            |        |        | 13,000 | 12,800 | 12,300 |
| 80                |            |          | 17,400 | 16,800 | 16,500 | 16,100 | 100               |            |        |        |        | 11,900 | 11,500 |
| 85                |            |          |        | 15,400 | 15,200 | 14,800 | 105               |            |        |        |        |        | 10,600 |
| 90                |            |          |        |        | 14,100 | 13,700 | 110               |            |        |        |        |        |        |
| 95                |            |          |        |        |        | 12,600 | 115               |            |        |        |        |        |        |
| 100               |            |          |        |        |        |        | 120               |            |        |        |        |        |        |
| 105               |            |          |        |        |        |        | 125               |            |        |        |        |        |        |
| 110               |            |          |        |        |        |        | 130               |            |        |        |        |        |        |
| 115               |            |          |        |        |        |        | 135               |            |        |        |        |        |        |
| 120               |            |          |        |        |        |        | 140               |            |        |        |        |        |        |
| 125               |            |          |        |        |        |        | 145               |            |        |        |        |        |        |
| 130               |            |          |        |        |        |        | 150               |            |        |        |        |        |        |
| 135               |            |          |        |        |        |        | 155               |            |        |        |        |        |        |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 55' Boom          |            |        |        |        |        |        |                   |            |        |        |        |        |        |
|-------------------|------------|--------|--------|--------|--------|--------|-------------------|------------|--------|--------|--------|--------|--------|
| Load Radius (ft.) | 90 ft Jib  |        |        |        |        |        | Load Radius (ft.) | 100 ft Jib |        |        |        |        |        |
|                   | Boom Angle |        |        |        |        |        |                   | Boom Angle |        |        |        |        |        |
|                   | 88         | 83     | 78     | 73     | 68     | 63     |                   | 88         | 83     | 78     | 73     | 68     | 63     |
| 30                |            |        |        |        |        |        | 30                |            |        |        |        |        |        |
| 35                | 48,900 *   |        |        |        |        |        | 35                |            |        |        |        |        |        |
| 40                | 42,900 *   |        |        |        |        |        | 40                | 42,700 *   |        |        |        |        |        |
| 45                | 38,100 *   | 37,500 |        |        |        |        | 45                | 38,100 *   |        |        |        |        |        |
| 50                | 33,500     | 32,800 |        |        |        |        | 50                | 33,500     | 32,400 |        |        |        |        |
| 55                | 29,300     | 28,700 |        |        |        |        | 55                | 29,300     | 28,400 |        |        |        |        |
| 60                | 26,200     | 25,600 | 24,700 |        |        |        | 60                | 26,000     | 25,400 |        |        |        |        |
| 65                | 23,600     | 23,100 | 22,300 |        |        |        | 65                | 23,600     | 22,700 | 22,000 |        |        |        |
| 70                | 21,400     | 20,900 | 20,300 | 19,800 |        |        | 70                | 21,400     | 20,500 | 20,100 |        |        |        |
| 75                | 19,400     | 19,000 | 18,300 | 17,900 |        |        | 75                | 19,400     | 18,700 | 18,100 | 17,600 |        |        |
| 80                | 17,900     | 17,400 | 16,800 | 16,300 | 15,900 |        | 80                | 17,600     | 17,000 | 16,800 | 16,100 |        |        |
| 85                | 16,500     | 16,100 | 15,400 | 15,200 | 14,600 |        | 85                | 16,300     | 15,700 | 15,400 | 14,800 |        |        |
| 90                | 15,200     | 14,800 | 14,300 | 13,900 | 13,400 |        | 90                | 15,000     | 14,600 | 14,100 | 13,700 | 13,200 |        |
| 95                |            | 13,700 | 13,200 | 13,000 | 12,600 | 12,100 | 95                | 13,900     | 13,400 | 13,000 | 12,600 | 12,100 |        |
| 100               |            |        | 12,300 | 11,900 | 11,700 | 11,200 | 100               | 13,000     | 12,600 | 12,100 | 11,700 | 11,200 | 10,800 |
| 105               |            |        |        | 11,200 | 10,800 | 10,400 | 105               |            | 11,700 | 11,200 | 10,800 | 10,400 | 10,100 |
| 110               |            |        |        |        | 10,100 | 9,700  | 110               |            |        | 10,600 | 10,100 | 9,700  | 9,500  |
| 115               |            |        |        |        |        | 9,000  | 115               |            |        |        | 9,500  | 9,000  | 8,800  |
| 120               |            |        |        |        |        |        | 120               |            |        |        |        | 8,600  | 8,200  |
| 125               |            |        |        |        |        |        | 125               |            |        |        |        |        | 7,700  |
| 130               |            |        |        |        |        |        | 130               |            |        |        |        |        |        |
| 135               |            |        |        |        |        |        | 135               |            |        |        |        |        |        |
| 140               |            |        |        |        |        |        | 140               |            |        |        |        |        |        |
| 145               |            |        |        |        |        |        | 145               |            |        |        |        |        |        |
| 150               |            |        |        |        |        |        | 150               |            |        |        |        |        |        |
| 155               |            |        |        |        |        |        | 155               |            |        |        |        |        |        |

| 55' Boom          |            |        |        |        |        |       |                   |            |        |        |        |        |       |
|-------------------|------------|--------|--------|--------|--------|-------|-------------------|------------|--------|--------|--------|--------|-------|
| Load Radius (ft.) | 110 ft Jib |        |        |        |        |       | Load Radius (ft.) | 120 ft Jib |        |        |        |        |       |
|                   | Boom Angle |        |        |        |        |       |                   | Boom Angle |        |        |        |        |       |
|                   | 88         | 83     | 78     | 73     | 68     | 63    |                   | 88         | 83     | 78     | 73     | 68     | 63    |
| 30                |            |        |        |        |        |       | 30                |            |        |        |        |        |       |
| 35                |            |        |        |        |        |       | 35                |            |        |        |        |        |       |
| 40                | 42,700 *   |        |        |        |        |       | 40                |            |        |        |        |        |       |
| 45                | 37,900 *   |        |        |        |        |       | 45                | 37,700 *   |        |        |        |        |       |
| 50                | 33,500     |        |        |        |        |       | 50                | 33,100     |        |        |        |        |       |
| 55                | 29,100     | 28,200 |        |        |        |       | 55                | 28,900     |        |        |        |        |       |
| 60                | 26,000     | 25,100 |        |        |        |       | 60                | 25,800     | 24,900 |        |        |        |       |
| 65                | 23,400     | 22,700 |        |        |        |       | 65                | 23,100     | 22,300 |        |        |        |       |
| 70                | 21,200     | 20,500 | 20,100 |        |        |       | 70                | 20,900     | 20,100 | 19,400 |        |        |       |
| 75                | 19,200     | 18,500 | 18,100 |        |        |       | 75                | 19,000     | 18,300 | 17,900 |        |        |       |
| 80                | 17,600     | 17,000 | 16,500 | 16,100 |        |       | 80                | 17,400     | 16,800 | 16,300 |        |        |       |
| 85                | 16,300     | 15,700 | 15,200 | 14,800 |        |       | 85                | 15,900     | 15,200 | 15,000 | 14,300 |        |       |
| 90                | 15,000     | 14,300 | 14,100 | 13,700 |        |       | 90                | 14,800     | 14,100 | 13,700 | 13,200 |        |       |
| 95                | 13,900     | 13,200 | 13,000 | 12,600 | 12,100 |       | 95                | 13,400     | 13,000 | 12,600 | 12,100 |        |       |
| 100               | 12,800     | 12,300 | 12,100 | 11,700 | 11,200 |       | 100               | 12,600     | 12,100 | 11,700 | 11,200 | 10,800 |       |
| 105               | 11,900     | 11,500 | 11,200 | 10,800 | 10,400 | 9,900 | 105               | 11,700     | 11,200 | 11,000 | 10,600 | 10,100 |       |
| 110               | 11,200     | 10,800 | 10,600 | 10,100 | 9,700  | 9,300 | 110               | 11,000     | 10,400 | 10,100 | 9,700  | 9,300  | 9,000 |
| 115               |            | 10,100 | 9,700  | 9,500  | 9,000  | 8,600 | 115               | 10,100     | 9,700  | 9,500  | 9,000  | 8,600  | 8,400 |
| 120               |            |        | 9,300  | 8,800  | 8,400  | 8,200 | 120               | 9,500      | 9,000  | 8,800  | 8,400  | 8,200  | 7,700 |
| 125               |            |        |        | 8,200  | 7,900  | 7,500 | 125               |            | 8,600  | 8,400  | 7,900  | 7,500  | 7,300 |
| 130               |            |        |        |        | 7,500  | 7,100 | 130               |            |        | 7,700  | 7,500  | 7,100  | 6,800 |
| 135               |            |        |        |        |        | 6,600 | 135               |            |        |        | 7,100  | 6,600  | 6,200 |
| 140               |            |        |        |        |        |       | 140               |            |        |        |        | 6,200  | 5,700 |
| 145               |            |        |        |        |        |       | 145               |            |        |        |        |        | 5,500 |
| 150               |            |        |        |        |        |       | 150               |            |        |        |        |        |       |
| 155               |            |        |        |        |        |       | 155               |            |        |        |        |        |       |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 55' Boom                |            |        |        |        |       |       |                         |            |        |        |        |       |       |
|-------------------------|------------|--------|--------|--------|-------|-------|-------------------------|------------|--------|--------|--------|-------|-------|
| Load<br>Radius<br>(ft.) | 130 ft Jib |        |        |        |       |       | Load<br>Radius<br>(ft.) | 140 ft Jib |        |        |        |       |       |
|                         | Boom Angle |        |        |        |       |       |                         | Boom Angle |        |        |        |       |       |
|                         | 88         | 83     | 78     | 73     | 68    | 63    |                         | 88         | 83     | 78     | 73     | 68    | 63    |
| 45                      | 37,500 *   |        |        |        |       |       | 45                      |            |        |        |        |       |       |
| 50                      | 32,800     |        |        |        |       |       | 50                      | 32,600     |        |        |        |       |       |
| 55                      | 28,700     |        |        |        |       |       | 55                      | 28,400     |        |        |        |       |       |
| 60                      | 25,600     | 24,700 |        |        |       |       | 60                      | 25,100     |        |        |        |       |       |
| 65                      | 22,900     | 22,000 |        |        |       |       | 65                      | 22,500     | 21,800 |        |        |       |       |
| 70                      | 20,700     | 19,800 |        |        |       |       | 70                      | 20,300     | 19,800 |        |        |       |       |
| 75                      | 18,700     | 18,100 | 17,200 |        |       |       | 75                      | 18,300     | 17,900 |        |        |       |       |
| 80                      | 17,000     | 16,500 | 16,100 |        |       |       | 80                      | 16,800     | 16,300 | 15,700 |        |       |       |
| 85                      | 15,700     | 15,000 | 14,800 |        |       |       | 85                      | 15,400     | 15,000 | 14,300 |        |       |       |
| 90                      | 14,600     | 13,900 | 13,400 | 13,000 |       |       | 90                      | 14,100     | 13,900 | 13,200 |        |       |       |
| 95                      | 13,200     | 12,800 | 12,300 | 11,900 |       |       | 95                      | 13,000     | 12,600 | 12,100 | 11,500 |       |       |
| 100                     | 12,300     | 11,900 | 11,500 | 11,000 |       |       | 100                     | 12,100     | 11,700 | 11,200 | 10,600 |       |       |
| 105                     | 11,500     | 11,000 | 10,800 | 10,100 | 9,700 |       | 105                     | 11,200     | 10,800 | 10,400 | 9,900  |       |       |
| 110                     | 10,600     | 10,100 | 9,900  | 9,500  | 9,000 |       | 110                     | 10,400     | 10,100 | 9,700  | 9,300  | 8,800 |       |
| 115                     | 9,900      | 9,500  | 9,300  | 8,800  | 8,400 |       | 115                     | 9,700      | 9,500  | 8,800  | 8,400  | 8,200 |       |
| 120                     | 9,300      | 8,800  | 8,600  | 8,200  | 7,900 | 7,500 | 120                     | 9,000      | 8,800  | 8,400  | 7,900  | 7,500 |       |
| 125                     | 8,800      | 8,400  | 8,200  | 7,700  | 7,300 | 6,800 | 125                     | 8,400      | 8,200  | 7,700  | 7,300  | 6,800 | 6,400 |
| 130                     | 8,200      | 7,700  | 7,500  | 7,300  | 6,800 | 6,400 | 130                     | 7,900      | 7,700  | 7,300  | 6,800  | 6,400 | 6,000 |
| 135                     |            | 7,300  | 7,100  | 6,800  | 6,400 | 6,000 | 135                     | 7,500      | 7,100  | 6,800  | 6,400  | 6,000 | 5,500 |
| 140                     |            |        | 6,600  | 6,400  | 6,000 | 5,500 | 140                     | 6,800      | 6,600  | 6,400  | 6,000  | 5,500 | 5,100 |
| 145                     |            |        |        | 6,000  | 5,500 | 5,100 | 145                     |            | 6,200  | 6,000  | 5,500  | 5,100 | 4,600 |
| 150                     |            |        |        |        | 5,100 | 4,900 | 150                     |            |        | 5,500  | 5,100  | 4,600 | 4,400 |
| 155                     |            |        |        |        |       | 4,400 | 155                     |            |        |        | 4,600  | 4,400 | 4,000 |
| 160                     |            |        |        |        |       |       | 160                     |            |        |        |        | 4,000 | 3,700 |
| 165                     |            |        |        |        |       |       | 165                     |            |        |        |        |       | 3,300 |
| 170                     |            |        |        |        |       |       | 170                     |            |        |        |        |       |       |
| 175                     |            |        |        |        |       |       | 175                     |            |        |        |        |       |       |

| 55' Boom                |            |        |        |        |       |       |                         |            |        |        |       |       |       |
|-------------------------|------------|--------|--------|--------|-------|-------|-------------------------|------------|--------|--------|-------|-------|-------|
| Load<br>Radius<br>(ft.) | 150 ft Jib |        |        |        |       |       | Load<br>Radius<br>(ft.) | 160 ft Jib |        |        |       |       |       |
|                         | Boom Angle |        |        |        |       |       |                         | Boom Angle |        |        |       |       |       |
|                         | 88         | 83     | 78     | 73     | 68    | 63    |                         | 88         | 83     | 78     | 73    | 68    | 63    |
| 50                      | 32,400     |        |        |        |       |       | 50                      |            |        |        |       |       |       |
| 55                      | 28,200     |        |        |        |       |       | 55                      | 28,000     |        |        |       |       |       |
| 60                      | 25,100     |        |        |        |       |       | 60                      | 24,700     |        |        |       |       |       |
| 65                      | 22,500     |        |        |        |       |       | 65                      | 22,300     |        |        |       |       |       |
| 70                      | 20,300     | 19,400 |        |        |       |       | 70                      | 20,100     | 19,200 |        |       |       |       |
| 75                      | 18,300     | 17,900 |        |        |       |       | 75                      | 18,100     | 17,400 |        |       |       |       |
| 80                      | 16,800     | 16,300 |        |        |       |       | 80                      | 16,300     | 15,900 |        |       |       |       |
| 85                      | 15,200     | 14,800 | 13,900 |        |       |       | 85                      | 15,000     | 14,600 |        |       |       |       |
| 90                      | 14,100     | 13,700 | 13,000 |        |       |       | 90                      | 13,700     | 13,400 | 12,600 |       |       |       |
| 95                      | 12,800     | 12,600 | 11,900 |        |       |       | 95                      | 12,600     | 12,300 | 11,700 |       |       |       |
| 100                     | 11,900     | 11,700 | 11,000 | 10,600 |       |       | 100                     | 11,700     | 11,200 | 10,800 |       |       |       |
| 105                     | 11,000     | 10,800 | 10,400 | 9,700  |       |       | 105                     | 10,800     | 10,400 | 9,900  | 9,500 |       |       |
| 110                     | 10,400     | 9,900  | 9,500  | 9,000  |       |       | 110                     | 9,900      | 9,700  | 9,300  | 8,800 |       |       |
| 115                     | 9,500      | 9,300  | 8,800  | 8,400  | 7,900 |       | 115                     | 9,300      | 9,000  | 8,600  | 7,900 |       |       |
| 120                     | 8,800      | 8,600  | 8,200  | 7,700  | 7,300 |       | 120                     | 8,600      | 8,400  | 7,900  | 7,500 |       |       |
| 125                     | 8,400      | 8,200  | 7,700  | 7,300  | 6,800 |       | 125                     | 7,900      | 7,700  | 7,300  | 6,800 | 6,400 |       |
| 130                     | 7,700      | 7,500  | 7,100  | 6,800  | 6,200 | 6,000 | 130                     | 7,500      | 7,300  | 6,800  | 6,400 | 6,000 |       |
| 135                     | 7,300      | 7,100  | 6,600  | 6,200  | 5,700 | 5,300 | 135                     | 7,100      | 6,800  | 6,400  | 6,000 | 5,300 |       |
| 140                     | 6,800      | 6,600  | 6,200  | 5,700  | 5,300 | 4,900 | 140                     | 6,400      | 6,200  | 5,700  | 5,300 | 4,900 | 4,400 |
| 145                     | 6,400      | 6,200  | 5,700  | 5,300  | 4,900 | 4,600 | 145                     | 6,000      | 5,700  | 5,300  | 4,900 | 4,600 | 4,200 |
| 150                     | 6,000      | 5,700  | 5,300  | 4,900  | 4,600 | 4,200 | 150                     | 5,700      | 5,500  | 5,100  | 4,600 | 4,200 | 3,700 |
| 155                     |            | 5,300  | 5,100  | 4,600  | 4,200 | 3,700 | 155                     |            | 5,100  | 4,600  | 4,200 | 3,700 | 3,500 |
| 160                     |            |        | 4,600  | 4,200  | 3,700 | 3,500 | 160                     |            | 4,600  | 4,200  | 3,700 | 3,500 | 3,100 |
| 165                     |            |        |        | 4,000  | 3,500 | 3,300 | 165                     |            | 4,200  | 4,000  | 3,500 | 3,100 |       |
| 170                     |            |        |        |        | 3,300 |       | 170                     |            |        | 3,500  | 3,300 |       |       |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 55' Boom                |            |        |        |       |       |       | 65' Boom                |            |          |        |        |        |        |
|-------------------------|------------|--------|--------|-------|-------|-------|-------------------------|------------|----------|--------|--------|--------|--------|
| Load<br>Radius<br>(ft.) | 170 ft Jib |        |        |       |       |       | Load<br>Radius<br>(ft.) | 50 ft Jib  |          |        |        |        |        |
|                         | Boom Angle |        |        |       |       |       |                         | Boom Angle |          |        |        |        |        |
|                         | 88         | 83     | 78     | 73    | 68    | 63    |                         | 88         | 83       | 78     | 73     | 68     | 63     |
| 55                      | 27,800     |        |        |       |       |       | 22                      |            |          |        |        |        |        |
| 60                      | 24,500     |        |        |       |       |       | 24                      | 73,100 *   |          |        |        |        |        |
| 65                      | 21,800     |        |        |       |       |       | 26                      | 67,500 *   |          |        |        |        |        |
| 70                      | 19,600     |        |        |       |       |       | 28                      | 62,700 *   |          |        |        |        |        |
| 75                      | 17,600     | 17,000 |        |       |       |       | 30                      | 58,600 *   |          |        |        |        |        |
| 80                      | 16,100     | 15,700 |        |       |       |       | 35                      | 49,800 *   | 49,800 * |        |        |        |        |
| 85                      | 14,800     | 14,300 |        |       |       |       | 40                      | 43,600 *   | 43,600 * |        |        |        |        |
| 90                      | 13,400     | 13,200 |        |       |       |       | 45                      | 38,800 *   | 38,400   | 37,000 |        |        |        |
| 95                      | 12,300     | 11,900 | 11,500 |       |       |       | 50                      | 33,000 *   | 33,300   | 32,400 |        |        |        |
| 100                     | 11,500     | 11,000 | 10,600 |       |       |       | 55                      | 26,500 *   | 29,300   | 28,400 | 27,600 |        |        |
| 105                     | 10,600     | 10,100 | 9,700  |       |       |       | 60                      |            | 26,200   | 25,600 | 24,700 |        |        |
| 110                     | 9,700      | 9,500  | 9,000  | 8,400 |       |       | 65                      |            |          | 22,900 | 22,300 | 21,600 |        |
| 115                     | 9,000      | 8,800  | 8,200  | 7,700 |       |       | 70                      |            |          |        | 20,300 | 19,800 | 19,000 |
| 120                     | 8,400      | 8,200  | 7,700  | 7,100 |       |       | 75                      |            |          |        |        | 17,900 | 17,400 |
| 125                     | 7,700      | 7,500  | 7,100  | 6,600 |       |       | 80                      |            |          |        |        |        | 15,900 |
| 130                     | 7,300      | 7,100  | 6,600  | 6,000 | 5,500 |       | 85                      |            |          |        |        |        |        |
| 135                     | 6,600      | 6,600  | 6,000  | 5,500 | 5,100 |       | 90                      |            |          |        |        |        |        |
| 140                     | 6,200      | 6,000  | 5,500  | 5,100 | 4,600 |       | 95                      |            |          |        |        |        |        |
| 145                     | 5,700      | 5,500  | 5,100  | 4,600 | 4,200 | 3,700 | 100                     |            |          |        |        |        |        |
| 150                     |            | 5,100  | 4,600  | 4,200 | 3,700 | 3,500 | 105                     |            |          |        |        |        |        |
| 155                     |            | 4,600  | 4,400  | 4,000 | 3,500 | 3,100 | 110                     |            |          |        |        |        |        |
| 160                     |            | 4,400  | 4,000  | 3,500 | 3,100 |       | 115                     |            |          |        |        |        |        |
| 165                     |            |        | 3,500  | 3,300 |       |       | 120                     |            |          |        |        |        |        |
| 170                     |            |        | 3,300  |       |       |       | 125                     |            |          |        |        |        |        |
| 175                     |            |        | 3,100  |       |       |       | 130                     |            |          |        |        |        |        |

| 65' Boom                |            |          |        |        |        |        |                         |            |          |        |        |        |        |
|-------------------------|------------|----------|--------|--------|--------|--------|-------------------------|------------|----------|--------|--------|--------|--------|
| Load<br>Radius<br>(ft.) | 60 ft Jib  |          |        |        |        |        | Load<br>Radius<br>(ft.) | 70 ft Jib  |          |        |        |        |        |
|                         | Boom Angle |          |        |        |        |        |                         | Boom Angle |          |        |        |        |        |
|                         | 88         | 83       | 78     | 73     | 68     | 63     |                         | 88         | 83       | 78     | 73     | 68     | 63     |
| 22                      |            |          |        |        |        |        | 22                      |            |          |        |        |        |        |
| 24                      |            |          |        |        |        |        | 24                      |            |          |        |        |        |        |
| 26                      | 67,300 *   |          |        |        |        |        | 26                      |            |          |        |        |        |        |
| 28                      | 62,500 *   |          |        |        |        |        | 28                      | 61,900 *   |          |        |        |        |        |
| 30                      | 58,400 *   |          |        |        |        |        | 30                      | 58,400 *   |          |        |        |        |        |
| 35                      | 49,300 *   |          |        |        |        |        | 35                      | 49,300 *   |          |        |        |        |        |
| 40                      | 43,400 *   | 43,400 * |        |        |        |        | 40                      | 43,400 *   | 43,200 * |        |        |        |        |
| 45                      | 38,600     | 38,100   |        |        |        |        | 45                      | 38,600 *   | 37,900   |        |        |        |        |
| 50                      | 34,000     | 33,300   | 31,700 |        |        |        | 50                      | 34,000     | 33,100   |        |        |        |        |
| 55                      | 29,800     | 29,100   | 28,200 |        |        |        | 55                      | 29,800     | 28,900   | 28,000 |        |        |        |
| 60                      | 26,400 *   | 26,000   | 25,100 | 24,500 |        |        | 60                      | 26,700     | 26,000   | 24,900 |        |        |        |
| 65                      | 21,600 *   | 23,600   | 22,700 | 22,000 |        |        | 65                      | 24,000     | 23,400   | 22,500 | 21,800 |        |        |
| 70                      |            | 21,400   | 20,700 | 20,100 | 19,200 |        | 70                      | 21,800 *   | 21,200   | 20,500 | 19,800 |        |        |
| 75                      |            |          | 18,700 | 18,300 | 17,600 | 17,000 | 75                      | 18,100 *   | 19,200   | 18,500 | 18,100 | 17,400 |        |
| 80                      |            |          |        | 16,800 | 16,100 | 15,700 | 80                      |            | 17,600   | 17,000 | 16,500 | 15,900 |        |
| 85                      |            |          |        |        | 15,000 | 14,300 | 85                      |            |          | 15,700 | 15,200 | 14,800 | 14,100 |
| 90                      |            |          |        |        |        | 13,200 | 90                      |            |          |        | 14,100 | 13,700 | 13,000 |
| 95                      |            |          |        |        |        |        | 95                      |            |          |        |        | 12,600 | 12,100 |
| 100                     |            |          |        |        |        |        | 100                     |            |          |        |        |        | 11,200 |
| 105                     |            |          |        |        |        |        | 105                     |            |          |        |        |        |        |
| 110                     |            |          |        |        |        |        | 110                     |            |          |        |        |        |        |
| 115                     |            |          |        |        |        |        | 115                     |            |          |        |        |        |        |
| 120                     |            |          |        |        |        |        | 120                     |            |          |        |        |        |        |
| 125                     |            |          |        |        |        |        | 125                     |            |          |        |        |        |        |
| 130                     |            |          |        |        |        |        | 130                     |            |          |        |        |        |        |
| 135                     |            |          |        |        |        |        | 135                     |            |          |        |        |        |        |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 65' Boom          |            |        |        |        |        |        |                   |            |        |        |        |        |        |  |
|-------------------|------------|--------|--------|--------|--------|--------|-------------------|------------|--------|--------|--------|--------|--------|--|
| Load Radius (ft.) | 80 ft Jib  |        |        |        |        |        | Load Radius (ft.) | 90 ft Jib  |        |        |        |        |        |  |
|                   | Boom Angle |        |        |        |        |        |                   | Boom Angle |        |        |        |        |        |  |
|                   | 88         | 83     | 78     | 73     | 68     | 63     |                   | 88         | 83     | 78     | 73     | 68     | 63     |  |
| 30                |            |        |        |        |        |        | 30                |            |        |        |        |        |        |  |
| 35                | 49,100 *   |        |        |        |        |        | 35                | 48,900 *   |        |        |        |        |        |  |
| 40                | 43,200 *   |        |        |        |        |        | 40                | 43,000 *   |        |        |        |        |        |  |
| 45                | 38,400 *   | 37,500 |        |        |        |        | 45                | 38,100 *   |        |        |        |        |        |  |
| 50                | 33,700     | 32,600 |        |        |        |        | 50                | 33,500     | 32,200 |        |        |        |        |  |
| 55                | 29,500     | 28,700 | 27,300 |        |        |        | 55                | 29,300     | 28,400 |        |        |        |        |  |
| 60                | 26,500     | 25,600 | 24,700 |        |        |        | 60                | 26,200     | 25,400 | 24,700 |        |        |        |  |
| 65                | 23,800     | 23,100 | 22,300 |        |        |        | 65                | 23,600     | 22,900 | 22,000 |        |        |        |  |
| 70                | 21,600     | 20,900 | 20,100 | 19,400 |        |        | 70                | 21,400     | 20,700 | 20,100 |        |        |        |  |
| 75                | 19,600     | 19,000 | 18,300 | 17,600 |        |        | 75                | 19,400     | 18,700 | 18,300 | 17,400 |        |        |  |
| 80                | 18,100     | 17,400 | 16,800 | 16,300 | 15,700 |        | 80                | 17,900     | 17,200 | 16,800 | 16,100 |        |        |  |
| 85                |            | 16,100 | 15,400 | 15,000 | 14,300 |        | 85                | 16,300     | 15,900 | 15,400 | 14,800 | 14,100 |        |  |
| 90                |            | 14,800 | 14,300 | 13,900 | 13,200 | 12,800 | 90                | 15,200     | 14,800 | 14,100 | 13,700 | 13,000 |        |  |
| 95                |            |        | 13,200 | 12,800 | 12,300 | 11,700 | 95                |            | 13,700 | 13,200 | 12,600 | 11,900 | 11,500 |  |
| 100               |            |        |        | 11,900 | 11,500 | 10,800 | 100               |            | 12,600 | 12,100 | 11,700 | 11,200 | 10,600 |  |
| 105               |            |        |        |        | 10,600 | 10,100 | 105               |            |        | 11,500 | 10,800 | 10,400 | 9,900  |  |
| 110               |            |        |        |        |        | 9,500  | 110               |            |        |        | 10,100 | 9,700  | 9,300  |  |
| 115               |            |        |        |        |        |        | 115               |            |        |        |        | 9,000  | 8,600  |  |
| 120               |            |        |        |        |        |        | 120               |            |        |        |        |        | 8,200  |  |
| 125               |            |        |        |        |        |        | 125               |            |        |        |        |        |        |  |
| 130               |            |        |        |        |        |        | 130               |            |        |        |        |        |        |  |
| 135               |            |        |        |        |        |        | 135               |            |        |        |        |        |        |  |
| 140               |            |        |        |        |        |        | 140               |            |        |        |        |        |        |  |
| 145               |            |        |        |        |        |        | 145               |            |        |        |        |        |        |  |
| 150               |            |        |        |        |        |        | 150               |            |        |        |        |        |        |  |
| 155               |            |        |        |        |        |        | 155               |            |        |        |        |        |        |  |

| 65' Boom          |            |        |        |        |        |       |                   |            |        |        |        |        |       |  |
|-------------------|------------|--------|--------|--------|--------|-------|-------------------|------------|--------|--------|--------|--------|-------|--|
| Load Radius (ft.) | 100 ft Jib |        |        |        |        |       | Load Radius (ft.) | 110 ft Jib |        |        |        |        |       |  |
|                   | Boom Angle |        |        |        |        |       |                   | Boom Angle |        |        |        |        |       |  |
|                   | 88         | 83     | 78     | 73     | 68     | 63    |                   | 88         | 83     | 78     | 73     | 68     | 63    |  |
| 30                |            |        |        |        |        |       | 30                |            |        |        |        |        |       |  |
| 35                |            |        |        |        |        |       | 35                |            |        |        |        |        |       |  |
| 40                | 42,700 *   |        |        |        |        |       | 40                | 42,700 *   |        |        |        |        |       |  |
| 45                | 37,900 *   |        |        |        |        |       | 45                | 37,900 *   |        |        |        |        |       |  |
| 50                | 33,500     | 32,200 |        |        |        |       | 50                | 33,300     |        |        |        |        |       |  |
| 55                | 29,300     | 28,000 |        |        |        |       | 55                | 29,100     | 28,000 |        |        |        |       |  |
| 60                | 26,000     | 25,100 |        |        |        |       | 60                | 26,000     | 24,900 |        |        |        |       |  |
| 65                | 23,400     | 22,500 | 21,600 |        |        |       | 65                | 23,400     | 22,500 |        |        |        |       |  |
| 70                | 21,200     | 20,300 | 19,600 |        |        |       | 70                | 21,200     | 20,300 | 19,400 |        |        |       |  |
| 75                | 19,200     | 18,500 | 17,900 |        |        |       | 75                | 19,200     | 18,300 | 17,900 |        |        |       |  |
| 80                | 17,600     | 17,000 | 16,300 | 15,700 |        |       | 80                | 17,600     | 16,800 | 16,300 |        |        |       |  |
| 85                | 16,300     | 15,700 | 15,000 | 14,300 |        |       | 85                | 16,100     | 15,400 | 15,000 | 14,300 |        |       |  |
| 90                | 15,000     | 14,300 | 13,900 | 13,200 | 12,600 |       | 90                | 15,000     | 14,300 | 13,900 | 13,200 |        |       |  |
| 95                | 13,900     | 13,200 | 12,800 | 12,100 | 11,700 |       | 95                | 13,900     | 13,200 | 12,800 | 12,100 | 11,500 |       |  |
| 100               | 13,000     | 12,300 | 11,900 | 11,200 | 10,800 |       | 100               | 12,800     | 12,100 | 11,900 | 11,200 | 10,800 |       |  |
| 105               |            | 11,500 | 11,000 | 10,600 | 10,100 | 9,500 | 105               | 11,900     | 11,500 | 11,000 | 10,600 | 9,900  |       |  |
| 110               |            |        | 10,400 | 9,900  | 9,300  | 8,800 | 110               | 11,200     | 10,600 | 10,400 | 9,700  | 9,300  | 8,800 |  |
| 115               |            |        | 9,700  | 9,300  | 8,600  | 8,200 | 115               |            | 9,900  | 9,500  | 9,000  | 8,600  | 8,200 |  |
| 120               |            |        |        | 8,600  | 8,200  | 7,700 | 120               |            |        | 9,000  | 8,600  | 8,200  | 7,700 |  |
| 125               |            |        |        |        | 7,700  | 7,300 | 125               |            |        |        | 7,900  | 7,500  | 7,100 |  |
| 130               |            |        |        |        |        | 6,800 | 130               |            |        |        | 7,500  | 7,100  | 6,600 |  |
| 135               |            |        |        |        |        |       | 135               |            |        |        |        | 6,600  | 6,200 |  |
| 140               |            |        |        |        |        |       | 140               |            |        |        |        |        | 5,700 |  |
| 145               |            |        |        |        |        |       | 145               |            |        |        |        |        |       |  |
| 150               |            |        |        |        |        |       | 150               |            |        |        |        |        |       |  |
| 155               |            |        |        |        |        |       | 155               |            |        |        |        |        |       |  |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 65' Boom          |            |        |        |        |       |       |                   |            |        |        |        |       |       |
|-------------------|------------|--------|--------|--------|-------|-------|-------------------|------------|--------|--------|--------|-------|-------|
| Load Radius (ft.) | 120 ft Jib |        |        |        |       |       | Load Radius (ft.) | 130 ft Jib |        |        |        |       |       |
|                   | Boom Angle |        |        |        |       |       |                   | Boom Angle |        |        |        |       |       |
|                   | 88         | 83     | 78     | 73     | 68    | 63    |                   | 88         | 83     | 78     | 73     | 68    | 63    |
| 30                |            |        |        |        |       |       | 30                |            |        |        |        |       |       |
| 35                |            |        |        |        |       |       | 35                |            |        |        |        |       |       |
| 40                |            |        |        |        |       |       | 40                |            |        |        |        |       |       |
| 45                | 37,700 *   |        |        |        |       |       | 45                | 37,500 *   |        |        |        |       |       |
| 50                | 33,100     |        |        |        |       |       | 50                | 32,800     |        |        |        |       |       |
| 55                | 28,900     |        |        |        |       |       | 55                | 28,700     |        |        |        |       |       |
| 60                | 25,800     | 24,700 |        |        |       |       | 60                | 25,600     |        |        |        |       |       |
| 65                | 23,100     | 22,000 |        |        |       |       | 65                | 22,900     | 21,800 |        |        |       |       |
| 70                | 20,900     | 20,100 |        |        |       |       | 70                | 20,700     | 20,100 |        |        |       |       |
| 75                | 19,000     | 18,100 | 17,400 |        |       |       | 75                | 18,700     | 18,100 |        |        |       |       |
| 80                | 17,200     | 16,500 | 15,900 |        |       |       | 80                | 17,000     | 16,500 | 15,700 |        |       |       |
| 85                | 15,900     | 15,200 | 14,600 |        |       |       | 85                | 15,700     | 15,200 | 14,300 |        |       |       |
| 90                | 14,600     | 13,900 | 13,400 | 12,800 |       |       | 90                | 14,300     | 13,900 | 13,200 |        |       |       |
| 95                | 13,400     | 12,800 | 12,300 | 11,700 |       |       | 95                | 13,200     | 12,800 | 12,100 | 11,500 |       |       |
| 100               | 12,600     | 11,900 | 11,500 | 11,000 |       |       | 100               | 12,300     | 11,900 | 11,200 | 10,600 |       |       |
| 105               | 11,700     | 11,000 | 10,800 | 10,100 | 9,500 |       | 105               | 11,500     | 11,000 | 10,400 | 9,900  |       |       |
| 110               | 10,800     | 10,400 | 9,900  | 9,500  | 8,800 |       | 110               | 10,600     | 10,400 | 9,700  | 9,300  | 8,600 |       |
| 115               | 10,100     | 9,700  | 9,300  | 8,800  | 8,200 | 7,700 | 115               | 9,900      | 9,500  | 9,000  | 8,600  | 7,900 |       |
| 120               | 9,500      | 9,000  | 8,600  | 8,200  | 7,700 | 7,300 | 120               | 9,300      | 9,000  | 8,400  | 7,900  | 7,500 |       |
| 125               |            | 8,400  | 8,200  | 7,700  | 7,300 | 6,600 | 125               | 8,600      | 8,400  | 7,900  | 7,500  | 6,800 | 6,400 |
| 130               |            |        | 7,500  | 7,100  | 6,600 | 6,200 | 130               | 8,200      | 7,900  | 7,300  | 6,800  | 6,400 | 6,000 |
| 135               |            |        |        | 6,600  | 6,200 | 5,700 | 135               |            | 7,300  | 6,800  | 6,400  | 6,000 | 5,500 |
| 140               |            |        |        |        | 5,700 | 5,300 | 140               |            |        | 6,400  | 6,000  | 5,500 | 5,100 |
| 145               |            |        |        |        | 5,300 | 4,900 | 145               |            |        |        | 5,500  | 5,100 | 4,600 |
| 150               |            |        |        |        |       | 4,600 | 150               |            |        |        |        | 4,600 | 4,200 |
| 155               |            |        |        |        |       |       | 155               |            |        |        |        | 4,400 | 4,000 |

| 65' Boom          |            |        |        |        |       |       |                   |            |        |        |       |       |       |
|-------------------|------------|--------|--------|--------|-------|-------|-------------------|------------|--------|--------|-------|-------|-------|
| Load Radius (ft.) | 140 ft Jib |        |        |        |       |       | Load Radius (ft.) | 150 ft Jib |        |        |       |       |       |
|                   | Boom Angle |        |        |        |       |       |                   | Boom Angle |        |        |       |       |       |
|                   | 88         | 83     | 78     | 73     | 68    | 63    |                   | 88         | 83     | 78     | 73    | 68    | 63    |
| 30                |            |        |        |        |       |       | 30                |            |        |        |       |       |       |
| 35                |            |        |        |        |       |       | 35                |            |        |        |       |       |       |
| 40                |            |        |        |        |       |       | 40                |            |        |        |       |       |       |
| 45                |            |        |        |        |       |       | 45                |            |        |        |       |       |       |
| 50                | 32,600     |        |        |        |       |       | 50                | 32,400     |        |        |       |       |       |
| 55                | 28,400     |        |        |        |       |       | 55                | 28,200     |        |        |       |       |       |
| 60                | 25,100     |        |        |        |       |       | 60                | 25,100     |        |        |       |       |       |
| 65                | 22,500     | 21,400 |        |        |       |       | 65                | 22,500     |        |        |       |       |       |
| 70                | 20,300     | 19,600 |        |        |       |       | 70                | 20,300     | 19,200 |        |       |       |       |
| 75                | 18,300     | 17,600 |        |        |       |       | 75                | 18,300     | 17,600 |        |       |       |       |
| 80                | 16,800     | 16,100 |        |        |       |       | 80                | 16,500     | 16,100 |        |       |       |       |
| 85                | 15,400     | 14,800 | 13,900 |        |       |       | 85                | 15,200     | 14,800 | 13,700 |       |       |       |
| 90                | 14,100     | 13,700 | 13,000 |        |       |       | 90                | 13,900     | 13,400 | 12,800 |       |       |       |
| 95                | 13,000     | 12,600 | 11,900 |        |       |       | 95                | 12,800     | 12,300 | 11,700 |       |       |       |
| 100               | 11,900     | 11,500 | 11,000 | 10,400 |       |       | 100               | 11,900     | 11,500 | 10,800 |       |       |       |
| 105               | 11,000     | 10,800 | 10,100 | 9,500  |       |       | 105               | 11,000     | 10,600 | 9,900  | 9,500 |       |       |
| 110               | 10,400     | 9,900  | 9,500  | 8,800  |       |       | 110               | 10,100     | 9,900  | 9,300  | 8,800 |       |       |
| 115               | 9,700      | 9,300  | 8,600  | 8,200  | 7,700 |       | 115               | 9,500      | 9,000  | 8,600  | 7,900 |       |       |
| 120               | 9,000      | 8,600  | 8,200  | 7,500  | 7,100 |       | 120               | 8,800      | 8,600  | 7,900  | 7,500 | 6,800 |       |
| 125               | 8,400      | 8,200  | 7,500  | 7,100  | 6,400 |       | 125               | 8,200      | 7,900  | 7,500  | 6,800 | 6,400 |       |
| 130               | 7,900      | 7,500  | 7,100  | 6,600  | 6,000 | 5,500 | 130               | 7,700      | 7,500  | 6,800  | 6,400 | 5,700 |       |
| 135               | 7,300      | 7,100  | 6,600  | 6,000  | 5,500 | 5,100 | 135               | 7,300      | 6,800  | 6,400  | 6,000 | 5,300 | 4,900 |
| 140               | 6,800      | 6,600  | 6,200  | 5,500  | 5,100 | 4,600 | 140               | 6,800      | 6,400  | 6,000  | 5,500 | 4,900 | 4,400 |
| 145               |            | 6,200  | 5,700  | 5,100  | 4,600 | 4,200 | 145               | 6,400      | 6,000  | 5,500  | 5,100 | 4,400 | 4,000 |
| 150               |            |        | 5,300  | 4,900  | 4,200 | 3,700 | 150               | 6,000      | 5,700  | 5,100  | 4,600 | 4,200 | 3,700 |
| 155               |            |        |        | 4,400  | 4,000 | 3,500 | 155               |            | 5,300  | 4,900  | 4,200 | 3,700 | 3,300 |
| 160               |            |        |        |        | 3,500 | 3,100 | 160               |            |        | 4,400  | 4,000 | 3,500 | 3,100 |
| 165               |            |        |        |        |       |       | 165               |            |        |        | 3,500 | 3,100 |       |
| 170               |            |        |        |        |       |       | 170               |            |        |        |       |       |       |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 65' Boom          |            |        |        |       |       |       |                   |            |        |        |       |       |    |
|-------------------|------------|--------|--------|-------|-------|-------|-------------------|------------|--------|--------|-------|-------|----|
| Load Radius (ft.) | 160 ft Jib |        |        |       |       |       | Load Radius (ft.) | 170 ft Jib |        |        |       |       |    |
|                   | Boom Angle |        |        |       |       |       |                   | Boom Angle |        |        |       |       |    |
|                   | 88         | 83     | 78     | 73    | 68    | 63    |                   | 88         | 83     | 78     | 73    | 68    | 63 |
| 30                |            |        |        |       |       |       | 30                |            |        |        |       |       |    |
| 35                |            |        |        |       |       |       | 35                |            |        |        |       |       |    |
| 40                |            |        |        |       |       |       | 40                |            |        |        |       |       |    |
| 45                |            |        |        |       |       |       | 45                |            |        |        |       |       |    |
| 50                |            |        |        |       |       |       | 50                |            |        |        |       |       |    |
| 55                | 28,000     |        |        |       |       |       | 55                | 27,800     |        |        |       |       |    |
| 60                | 24,700     |        |        |       |       |       | 60                | 24,500     |        |        |       |       |    |
| 65                | 22,000     |        |        |       |       |       | 65                | 21,800     |        |        |       |       |    |
| 70                | 19,800     |        |        |       |       |       | 70                | 19,600     |        |        |       |       |    |
| 75                | 17,900     | 17,200 |        |       |       |       | 75                | 17,600     | 16,800 |        |       |       |    |
| 80                | 16,300     | 15,700 |        |       |       |       | 80                | 16,100     | 15,400 |        |       |       |    |
| 85                | 15,000     | 14,300 |        |       |       |       | 85                | 14,800     | 14,100 |        |       |       |    |
| 90                | 13,700     | 13,200 | 12,100 |       |       |       | 90                | 13,400     | 13,000 |        |       |       |    |
| 95                | 12,600     | 12,100 | 11,500 |       |       |       | 95                | 12,300     | 11,900 | 10,800 |       |       |    |
| 100               | 11,500     | 11,200 | 10,600 |       |       |       | 100               | 11,200     | 11,000 | 10,100 |       |       |    |
| 105               | 10,800     | 10,400 | 9,700  |       |       |       | 105               | 10,400     | 10,100 | 9,500  |       |       |    |
| 110               | 9,900      | 9,500  | 9,000  | 8,400 |       |       | 110               | 9,700      | 9,300  | 8,600  |       |       |    |
| 115               | 9,300      | 8,800  | 8,200  | 7,700 |       |       | 115               | 8,800      | 8,600  | 7,900  | 7,300 |       |    |
| 120               | 8,600      | 8,200  | 7,700  | 7,100 |       |       | 120               | 8,400      | 7,900  | 7,500  | 6,800 |       |    |
| 125               | 7,900      | 7,700  | 7,100  | 6,400 | 6,000 |       | 125               | 7,700      | 7,500  | 6,800  | 6,200 |       |    |
| 130               | 7,500      | 7,100  | 6,600  | 6,000 | 5,300 |       | 130               | 7,100      | 6,800  | 6,200  | 5,700 | 5,100 |    |
| 135               | 6,800      | 6,600  | 6,200  | 5,500 | 4,900 |       | 135               | 6,600      | 6,400  | 5,700  | 5,300 | 4,600 |    |
| 140               | 6,400      | 6,200  | 5,500  | 5,100 | 4,400 | 4,000 | 140               | 6,200      | 6,000  | 5,300  | 4,600 | 4,200 |    |
| 145               | 6,000      | 5,700  | 5,100  | 4,600 | 4,200 | 3,500 | 145               | 5,700      | 5,500  | 4,900  | 4,400 | 3,700 |    |
| 150               | 5,500      | 5,300  | 4,900  | 4,200 | 3,700 | 3,300 | 150               |            | 5,100  | 4,400  | 4,000 | 3,500 |    |
| 155               |            | 4,900  | 4,400  | 4,000 | 3,300 |       | 155               |            | 4,600  | 4,200  | 3,500 | 3,100 |    |
| 160               |            | 4,400  | 4,000  | 3,500 | 3,100 |       | 160               |            | 4,200  | 3,700  | 3,300 |       |    |
| 165               |            | 4,200  | 3,700  | 3,300 |       |       | 165               |            |        | 3,300  |       |       |    |
| 170               |            |        | 3,300  |       |       |       | 170               |            |        | 3,100  |       |       |    |

| 75' Boom          |            |          |        |        |        |        |                   |            |          |        |        |        |        |
|-------------------|------------|----------|--------|--------|--------|--------|-------------------|------------|----------|--------|--------|--------|--------|
| Load Radius (ft.) | 50 ft Jib  |          |        |        |        |        | Load Radius (ft.) | 60 ft Jib  |          |        |        |        |        |
|                   | Boom Angle |          |        |        |        |        |                   | Boom Angle |          |        |        |        |        |
|                   | 88         | 83       | 78     | 73     | 68     | 63     |                   | 88         | 83       | 78     | 73     | 68     | 63     |
| 22                |            |          |        |        |        |        | 22                |            |          |        |        |        |        |
| 24                | 72,800 *   |          |        |        |        |        | 24                |            |          |        |        |        |        |
| 26                | 67,300 *   |          |        |        |        |        | 26                | 67,000 *   |          |        |        |        |        |
| 28                | 62,500 *   |          |        |        |        |        | 28                | 62,000 *   |          |        |        |        |        |
| 30                | 58,300 *   |          |        |        |        |        | 30                | 58,100 *   |          |        |        |        |        |
| 35                | 49,500 *   | 49,500 * |        |        |        |        | 35                | 49,300 *   |          |        |        |        |        |
| 40                | 43,400 *   | 43,400 * |        |        |        |        | 40                | 43,100 *   | 43,100 * |        |        |        |        |
| 45                | 38,500 *   | 37,900   | 36,400 |        |        |        | 45                | 38,300 *   | 37,900   |        |        |        |        |
| 50                | 33,500 *   | 33,100   | 32,000 |        |        |        | 50                | 34,000     | 33,100   | 31,300 |        |        |        |
| 55                | 28,000 *   | 29,100   | 28,000 | 27,100 |        |        | 55                | 29,800     | 28,900   | 27,800 |        |        |        |
| 60                |            | 26,000   | 25,100 | 24,300 |        |        | 60                | 26,400 *   | 25,800   | 24,900 | 23,800 |        |        |
| 65                |            |          | 22,700 | 21,800 | 20,900 |        | 65                | 22,600 *   | 23,400   | 22,300 | 21,600 |        |        |
| 70                |            |          |        | 19,800 | 19,200 |        | 70                |            | 21,200   | 20,300 | 19,600 | 18,500 |        |
| 75                |            |          |        | 18,100 | 17,400 | 16,500 | 75                |            |          | 18,500 | 17,900 | 17,000 |        |
| 80                |            |          |        |        | 15,900 | 15,400 | 80                |            |          |        | 16,300 | 15,700 | 15,000 |
| 85                |            |          |        |        |        | 14,100 | 85                |            |          |        | 15,000 | 14,300 | 13,900 |
| 90                |            |          |        |        |        |        | 90                |            |          |        |        | 13,200 | 12,800 |
| 95                |            |          |        |        |        |        | 95                |            |          |        |        |        | 11,700 |
| 100               |            |          |        |        |        |        | 100               |            |          |        |        |        |        |
| 105               |            |          |        |        |        |        | 105               |            |          |        |        |        |        |
| 110               |            |          |        |        |        |        | 110               |            |          |        |        |        |        |
| 115               |            |          |        |        |        |        | 115               |            |          |        |        |        |        |
| 120               |            |          |        |        |        |        | 120               |            |          |        |        |        |        |
| 125               |            |          |        |        |        |        | 125               |            |          |        |        |        |        |
| 130               |            |          |        |        |        |        | 130               |            |          |        |        |        |        |
| 135               |            |          |        |        |        |        | 135               |            |          |        |        |        |        |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 75' Boom             |            |        |        |        |        |        |                      |            |        |        |        |        |        |
|----------------------|------------|--------|--------|--------|--------|--------|----------------------|------------|--------|--------|--------|--------|--------|
| Load Radius<br>(ft.) | 70 ft Jib  |        |        |        |        |        | Load Radius<br>(ft.) | 80 ft Jib  |        |        |        |        |        |
|                      | Boom Angle |        |        |        |        |        |                      | Boom Angle |        |        |        |        |        |
|                      | 88         | 83     | 78     | 73     | 68     | 63     |                      | 88         | 83     | 78     | 73     | 68     | 63     |
| 22                   |            |        |        |        |        |        | 30                   |            |        |        |        |        |        |
| 24                   |            |        |        |        |        |        | 35                   | 49,100 *   |        |        |        |        |        |
| 26                   |            |        |        |        |        |        | 40                   | 42,700 *   |        |        |        |        |        |
| 28                   |            |        |        |        |        |        | 45                   | 38,100 *   | 37,000 |        |        |        |        |
| 30                   | 58,100 *   |        |        |        |        |        | 50                   | 33,700     | 32,400 |        |        |        |        |
| 35                   | 49,300 *   |        |        |        |        |        | 55                   | 29,500     | 28,400 |        |        |        |        |
| 40                   | 43,100 *   |        |        |        |        |        | 60                   | 26,200     | 25,400 | 24,500 |        |        |        |
| 45                   | 38,300 *   | 37,500 |        |        |        |        | 65                   | 23,800     | 22,900 | 22,000 |        |        |        |
| 50                   | 34,000 *   | 32,800 |        |        |        |        | 70                   | 21,600     | 20,700 | 19,800 | 18,700 |        |        |
| 55                   | 29,800     | 28,700 | 27,600 |        |        |        | 75                   | 19,600     | 18,700 | 18,100 | 17,200 |        |        |
| 60                   | 26,700     | 25,600 | 24,700 |        |        |        | 80                   | 17,900     | 17,200 | 16,500 | 15,900 |        |        |
| 65                   | 24,000     | 23,100 | 22,000 | 21,200 |        |        | 85                   | 16,100 *   | 15,900 | 15,200 | 14,600 | 13,900 |        |
| 70                   | 21,800 *   | 20,900 | 20,100 | 19,400 |        |        | 90                   |            |        | 14,100 | 13,400 | 12,800 |        |
| 75                   | 18,700 *   | 19,200 | 18,300 | 17,600 |        |        | 95                   |            |        | 13,000 | 12,300 | 11,700 | 11,200 |
| 80                   |            | 17,600 | 16,800 | 16,100 | 15,400 |        | 100                  |            |        |        | 11,500 | 11,000 | 10,400 |
| 85                   |            |        | 15,400 | 15,000 | 14,100 |        | 105                  |            |        |        |        | 10,100 | 9,700  |
| 90                   |            |        |        | 13,900 | 13,200 | 12,600 | 110                  |            |        |        |        | 9,500  | 9,000  |
| 95                   |            |        |        | 12,800 | 12,100 | 11,500 | 115                  |            |        |        |        |        | 8,400  |
| 100                  |            |        |        |        | 11,200 | 10,800 | 120                  |            |        |        |        |        |        |
| 105                  |            |        |        |        |        | 9,900  | 125                  |            |        |        |        |        |        |
| 110                  |            |        |        |        |        |        | 130                  |            |        |        |        |        |        |
| 115                  |            |        |        |        |        |        | 135                  |            |        |        |        |        |        |
| 120                  |            |        |        |        |        |        | 140                  |            |        |        |        |        |        |
| 125                  |            |        |        |        |        |        | 145                  |            |        |        |        |        |        |
| 130                  |            |        |        |        |        |        | 150                  |            |        |        |        |        |        |
| 135                  |            |        |        |        |        |        | 155                  |            |        |        |        |        |        |

| 75' Boom             |            |        |        |        |        |        |                      |            |        |        |        |        |       |
|----------------------|------------|--------|--------|--------|--------|--------|----------------------|------------|--------|--------|--------|--------|-------|
| Load Radius<br>(ft.) | 90 ft Jib  |        |        |        |        |        | Load Radius<br>(ft.) | 100 ft Jib |        |        |        |        |       |
|                      | Boom Angle |        |        |        |        |        |                      | Boom Angle |        |        |        |        |       |
|                      | 88         | 83     | 78     | 73     | 68     | 63     |                      | 88         | 83     | 78     | 73     | 68     | 63    |
| 30                   |            |        |        |        |        |        | 30                   |            |        |        |        |        |       |
| 35                   | 48,900 *   |        |        |        |        |        | 35                   |            |        |        |        |        |       |
| 40                   | 42,500 *   |        |        |        |        |        | 40                   | 42,500 *   |        |        |        |        |       |
| 45                   | 37,900 *   |        |        |        |        |        | 45                   | 37,700 *   |        |        |        |        |       |
| 50                   | 33,500     | 32,000 |        |        |        |        | 50                   | 33,300     |        |        |        |        |       |
| 55                   | 29,300     | 28,200 |        |        |        |        | 55                   | 29,100     | 27,800 |        |        |        |       |
| 60                   | 26,000     | 25,100 |        |        |        |        | 60                   | 26,000     | 24,700 |        |        |        |       |
| 65                   | 23,600     | 22,700 | 21,400 |        |        |        | 65                   | 23,400     | 22,300 |        |        |        |       |
| 70                   | 21,400     | 20,500 | 19,600 |        |        |        | 70                   | 21,200     | 20,100 | 19,400 |        |        |       |
| 75                   | 19,400     | 18,500 | 17,900 | 17,000 |        |        | 75                   | 19,200     | 18,300 | 17,400 |        |        |       |
| 80                   | 17,600     | 17,000 | 16,300 | 15,700 |        |        | 80                   | 17,600     | 16,800 | 16,100 | 15,200 |        |       |
| 85                   | 16,300     | 15,700 | 15,000 | 14,300 |        |        | 85                   | 16,300     | 15,400 | 14,800 | 13,900 |        |       |
| 90                   | 15,200     | 14,600 | 13,900 | 13,200 | 12,600 |        | 90                   | 15,000     | 14,100 | 13,700 | 12,800 |        |       |
| 95                   |            | 13,400 | 12,800 | 12,100 | 11,500 |        | 95                   | 13,900     | 13,000 | 12,600 | 11,900 | 11,000 |       |
| 100                  |            | 12,600 | 11,900 | 11,200 | 10,800 | 10,100 | 100                  | 12,800     | 12,100 | 11,700 | 11,000 | 10,400 |       |
| 105                  |            |        | 11,200 | 10,600 | 9,900  | 9,500  | 105                  |            | 11,200 | 10,800 | 10,100 | 9,500  |       |
| 110                  |            |        |        | 9,900  | 9,300  | 8,800  | 110                  |            | 10,600 | 10,100 | 9,500  | 8,800  | 8,400 |
| 115                  |            |        |        |        | 8,600  | 8,200  | 115                  |            |        | 9,500  | 8,800  | 8,400  | 7,700 |
| 120                  |            |        |        |        | 8,200  | 7,500  | 120                  |            |        |        | 8,200  | 7,700  | 7,300 |
| 125                  |            |        |        |        |        | 7,100  | 125                  |            |        |        |        | 7,300  | 6,600 |
| 130                  |            |        |        |        |        |        | 130                  |            |        |        |        | 6,800  | 6,200 |
| 135                  |            |        |        |        |        |        | 135                  |            |        |        |        |        | 5,700 |
| 140                  |            |        |        |        |        |        | 140                  |            |        |        |        |        |       |
| 145                  |            |        |        |        |        |        | 145                  |            |        |        |        |        |       |
| 150                  |            |        |        |        |        |        | 150                  |            |        |        |        |        |       |
| 155                  |            |        |        |        |        |        | 155                  |            |        |        |        |        |       |



**CK1000-III Luffing Jib Rated Loads in Pounds**

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 75' Boom          |            |        |        |        |        |       |                   |            |        |        |        |       |       |
|-------------------|------------|--------|--------|--------|--------|-------|-------------------|------------|--------|--------|--------|-------|-------|
| Load Radius (ft.) | 110 ft Jib |        |        |        |        |       | Load Radius (ft.) | 120 ft Jib |        |        |        |       |       |
|                   | Boom Angle |        |        |        |        |       |                   | Boom Angle |        |        |        |       |       |
|                   | 88         | 83     | 78     | 73     | 68     | 63    |                   | 88         | 83     | 78     | 73     | 68    | 63    |
| 30                |            |        |        |        |        |       | 30                |            |        |        |        |       |       |
| 35                |            |        |        |        |        |       | 35                |            |        |        |        |       |       |
| 40                | 42,500 *   |        |        |        |        |       | 40                |            |        |        |        |       |       |
| 45                | 37,700 *   |        |        |        |        |       | 45                | 37,200 *   |        |        |        |       |       |
| 50                | 33,300     |        |        |        |        |       | 50                | 33,100     |        |        |        |       |       |
| 55                | 29,100     | 27,800 |        |        |        |       | 55                | 28,900     |        |        |        |       |       |
| 60                | 26,000     | 24,700 |        |        |        |       | 60                | 25,600     | 24,700 |        |        |       |       |
| 65                | 23,400     | 22,300 |        |        |        |       | 65                | 22,900     | 22,000 |        |        |       |       |
| 70                | 21,200     | 20,100 | 19,000 |        |        |       | 70                | 20,700     | 20,100 |        |        |       |       |
| 75                | 19,200     | 18,100 | 17,400 |        |        |       | 75                | 18,700     | 18,100 | 16,800 |        |       |       |
| 80                | 17,600     | 16,500 | 15,900 |        |        |       | 80                | 17,200     | 16,500 | 15,700 |        |       |       |
| 85                | 16,100     | 15,200 | 14,600 | 13,900 |        |       | 85                | 15,900     | 15,200 | 14,300 |        |       |       |
| 90                | 15,000     | 14,100 | 13,400 | 12,800 |        |       | 90                | 14,600     | 14,100 | 13,200 | 12,300 |       |       |
| 95                | 13,700     | 13,000 | 12,600 | 11,700 |        |       | 95                | 13,400     | 12,800 | 12,100 | 11,500 |       |       |
| 100               | 12,800     | 12,100 | 11,500 | 10,800 | 10,100 |       | 100               | 12,600     | 11,900 | 11,200 | 10,600 |       |       |
| 105               | 11,900     | 11,200 | 10,800 | 10,100 | 9,500  |       | 105               | 11,700     | 11,000 | 10,400 | 9,700  | 9,000 |       |
| 110               | 11,200     | 10,600 | 10,100 | 9,500  | 8,800  |       | 110               | 10,800     | 10,400 | 9,700  | 9,000  | 8,400 |       |
| 115               |            | 9,700  | 9,300  | 8,800  | 8,200  | 7,700 | 115               | 10,100     | 9,700  | 9,000  | 8,400  | 7,700 |       |
| 120               |            | 9,300  | 8,800  | 8,200  | 7,700  | 7,100 | 120               | 9,500      | 9,000  | 8,400  | 7,900  | 7,300 | 6,600 |
| 125               |            |        | 8,200  | 7,700  | 7,100  | 6,600 | 125               |            | 8,400  | 7,900  | 7,300  | 6,800 | 6,200 |
| 130               |            |        |        | 7,300  | 6,600  | 6,200 | 130               |            | 7,900  | 7,500  | 6,800  | 6,200 | 5,700 |
| 135               |            |        |        |        | 6,200  | 5,700 | 135               |            |        | 6,800  | 6,400  | 5,700 | 5,300 |
| 140               |            |        |        |        |        | 5,300 | 140               |            |        |        | 6,000  | 5,300 | 4,900 |
| 145               |            |        |        |        |        | 4,900 | 145               |            |        |        |        | 5,100 | 4,400 |
| 150               |            |        |        |        |        |       | 150               |            |        |        |        |       | 4,200 |
| 155               |            |        |        |        |        |       | 155               |            |        |        |        |       | 3,700 |
| 160               |            |        |        |        |        |       | 160               |            |        |        |        |       |       |
| 165               |            |        |        |        |        |       | 165               |            |        |        |        |       |       |

| 75' Boom          |            |        |        |        |       |       |                   |            |        |        |       |       |       |
|-------------------|------------|--------|--------|--------|-------|-------|-------------------|------------|--------|--------|-------|-------|-------|
| Load Radius (ft.) | 130 ft Jib |        |        |        |       |       | Load Radius (ft.) | 140 ft Jib |        |        |       |       |       |
|                   | Boom Angle |        |        |        |       |       |                   | Boom Angle |        |        |       |       |       |
|                   | 88         | 83     | 78     | 73     | 68    | 63    |                   | 88         | 83     | 78     | 73    | 68    | 63    |
| 30                |            |        |        |        |       |       | 30                |            |        |        |       |       |       |
| 35                |            |        |        |        |       |       | 35                |            |        |        |       |       |       |
| 40                |            |        |        |        |       |       | 40                |            |        |        |       |       |       |
| 45                | 37,000 *   |        |        |        |       |       | 45                |            |        |        |       |       |       |
| 50                | 32,800     |        |        |        |       |       | 50                | 32,400     |        |        |       |       |       |
| 55                | 28,700     |        |        |        |       |       | 55                | 28,200     |        |        |       |       |       |
| 60                | 25,400     |        |        |        |       |       | 60                | 25,100     |        |        |       |       |       |
| 65                | 22,700     | 21,600 |        |        |       |       | 65                | 22,500     | 21,200 |        |       |       |       |
| 70                | 20,500     | 19,800 |        |        |       |       | 70                | 20,300     | 19,400 |        |       |       |       |
| 75                | 18,500     | 17,900 |        |        |       |       | 75                | 18,300     | 17,400 |        |       |       |       |
| 80                | 17,000     | 16,300 | 15,400 |        |       |       | 80                | 16,800     | 15,900 |        |       |       |       |
| 85                | 15,700     | 15,000 | 14,100 |        |       |       | 85                | 15,200     | 14,600 | 13,400 |       |       |       |
| 90                | 14,300     | 13,700 | 13,000 |        |       |       | 90                | 14,100     | 13,400 | 12,600 |       |       |       |
| 95                | 13,200     | 12,600 | 11,900 | 11,000 |       |       | 95                | 13,000     | 12,300 | 11,500 |       |       |       |
| 100               | 12,300     | 11,700 | 11,000 | 10,400 |       |       | 100               | 11,900     | 11,500 | 10,600 | 9,900 |       |       |
| 105               | 11,500     | 10,800 | 10,100 | 9,500  |       |       | 105               | 11,000     | 10,600 | 9,900  | 9,000 |       |       |
| 110               | 10,600     | 10,100 | 9,500  | 8,800  |       |       | 110               | 10,400     | 9,900  | 9,000  | 8,400 |       |       |
| 115               | 9,900      | 9,500  | 8,800  | 8,200  | 7,500 |       | 115               | 9,500      | 9,000  | 8,400  | 7,700 |       |       |
| 120               | 9,300      | 8,800  | 8,200  | 7,500  | 6,800 |       | 120               | 8,800      | 8,600  | 7,900  | 7,300 | 6,400 |       |
| 125               | 8,600      | 8,200  | 7,700  | 7,100  | 6,400 |       | 125               | 8,400      | 7,900  | 7,300  | 6,600 | 6,000 |       |
| 130               | 8,200      | 7,700  | 7,100  | 6,600  | 6,000 | 5,300 | 130               | 7,700      | 7,500  | 6,800  | 6,200 | 5,500 |       |
| 135               |            | 7,300  | 6,600  | 6,200  | 5,500 | 4,900 | 135               | 7,300      | 6,800  | 6,400  | 5,700 | 5,100 | 4,400 |
| 140               |            |        | 6,200  | 5,700  | 5,100 | 4,400 | 140               | 6,800      | 6,400  | 6,000  | 5,300 | 4,600 | 4,000 |
| 145               |            |        | 5,700  | 5,300  | 4,600 | 4,200 | 145               |            | 6,000  | 5,500  | 4,900 | 4,200 | 3,700 |
| 150               |            |        |        | 4,900  | 4,400 | 3,700 | 150               |            |        | 5,100  | 4,400 | 4,000 | 3,300 |
| 155               |            |        |        |        | 4,000 | 3,500 | 155               |            |        | 4,600  | 4,200 | 3,500 | 3,100 |
| 160               |            |        |        |        |       | 3,100 | 160               |            |        |        | 3,700 | 3,300 |       |
| 165               |            |        |        |        |       |       | 165               |            |        |        |       |       |       |
|                   |            |        |        |        |       |       | 170               |            |        |        |       |       |       |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 75' Boom          |            |        |        |       |       |       |                   |            |        |        |       |       |    |
|-------------------|------------|--------|--------|-------|-------|-------|-------------------|------------|--------|--------|-------|-------|----|
| Load Radius (ft.) | 150 ft Jib |        |        |       |       |       | Load Radius (ft.) | 160 ft Jib |        |        |       |       |    |
|                   | Boom Angle |        |        |       |       |       |                   | Boom Angle |        |        |       |       |    |
|                   | 88         | 83     | 78     | 73    | 68    | 63    |                   | 88         | 83     | 78     | 73    | 68    | 63 |
| 30                |            |        |        |       |       |       | 30                |            |        |        |       |       |    |
| 35                |            |        |        |       |       |       | 35                |            |        |        |       |       |    |
| 40                |            |        |        |       |       |       | 40                |            |        |        |       |       |    |
| 45                |            |        |        |       |       |       | 45                |            |        |        |       |       |    |
| 50                | 32,400     |        |        |       |       |       | 50                |            |        |        |       |       |    |
| 55                | 28,200     |        |        |       |       |       | 55                | 27,800     |        |        |       |       |    |
| 60                | 24,900     |        |        |       |       |       | 60                | 24,700     |        |        |       |       |    |
| 65                | 22,300     |        |        |       |       |       | 65                | 22,000     |        |        |       |       |    |
| 70                | 20,100     | 19,000 |        |       |       |       | 70                | 19,800     |        |        |       |       |    |
| 75                | 18,100     | 17,400 |        |       |       |       | 75                | 17,900     | 17,000 |        |       |       |    |
| 80                | 16,500     | 15,900 |        |       |       |       | 80                | 16,300     | 15,400 |        |       |       |    |
| 85                | 15,200     | 14,600 |        |       |       |       | 85                | 14,800     | 14,100 |        |       |       |    |
| 90                | 13,900     | 13,200 | 12,100 |       |       |       | 90                | 13,700     | 13,000 |        |       |       |    |
| 95                | 12,800     | 12,100 | 11,500 |       |       |       | 95                | 12,600     | 11,900 | 11,000 |       |       |    |
| 100               | 11,900     | 11,200 | 10,600 |       |       |       | 100               | 11,500     | 11,000 | 10,100 |       |       |    |
| 105               | 11,000     | 10,400 | 9,700  | 9,000 |       |       | 105               | 10,600     | 10,100 | 9,500  |       |       |    |
| 110               | 10,100     | 9,700  | 9,000  | 8,400 |       |       | 110               | 9,900      | 9,500  | 8,600  | 7,900 |       |    |
| 115               | 9,500      | 9,000  | 8,400  | 7,700 |       |       | 115               | 9,000      | 8,600  | 7,900  | 7,300 |       |    |
| 120               | 8,800      | 8,400  | 7,700  | 7,100 |       |       | 120               | 8,400      | 8,200  | 7,500  | 6,600 |       |    |
| 125               | 8,200      | 7,700  | 7,300  | 6,600 | 5,700 |       | 125               | 7,900      | 7,500  | 6,800  | 6,200 |       |    |
| 130               | 7,700      | 7,300  | 6,600  | 6,000 | 5,300 |       | 130               | 7,300      | 7,100  | 6,400  | 5,500 | 4,900 |    |
| 135               | 7,300      | 6,800  | 6,200  | 5,500 | 4,900 |       | 135               | 6,800      | 6,600  | 5,700  | 5,100 | 4,400 |    |
| 140               | 6,600      | 6,400  | 5,700  | 5,100 | 4,400 | 4,000 | 140               | 6,400      | 6,000  | 5,300  | 4,600 | 4,000 |    |
| 145               | 6,400      | 6,000  | 5,300  | 4,600 | 4,200 | 3,500 | 145               | 6,000      | 5,500  | 4,900  | 4,200 | 3,700 |    |
| 150               | 6,000      | 5,500  | 4,900  | 4,400 | 3,700 | 3,100 | 150               | 5,500      | 5,100  | 4,400  | 4,000 | 3,300 |    |
| 155               |            | 5,100  | 4,600  | 4,000 | 3,300 |       | 155               |            | 4,900  | 4,200  | 3,500 | 3,100 |    |
| 160               |            |        | 4,200  | 3,500 | 3,100 |       | 160               |            | 4,400  | 3,700  | 3,300 |       |    |
| 165               |            |        | 4,000  | 3,300 |       |       | 165               |            | 4,000  | 3,500  |       |       |    |
| 170               |            |        |        | 3,100 |       |       | 170               |            |        | 3,100  |       |       |    |

| 75' Boom          |            |        |       |       |       |    | 85' Boom          |            |          |        |        |        |        |
|-------------------|------------|--------|-------|-------|-------|----|-------------------|------------|----------|--------|--------|--------|--------|
| Load Radius (ft.) | 170 ft Jib |        |       |       |       |    | Load Radius (ft.) | 50 ft Jib  |          |        |        |        |        |
|                   | Boom Angle |        |       |       |       |    |                   | Boom Angle |          |        |        |        |        |
|                   | 88         | 83     | 78    | 73    | 68    | 63 |                   | 88         | 83       | 78     | 73     | 68     | 63     |
| 30                |            |        |       |       |       |    | 22                |            |          |        |        |        |        |
| 35                |            |        |       |       |       |    | 24                |            |          |        |        |        |        |
| 40                |            |        |       |       |       |    | 26                | 67,100 *   |          |        |        |        |        |
| 45                |            |        |       |       |       |    | 28                | 62,300 *   |          |        |        |        |        |
| 50                |            |        |       |       |       |    | 30                | 58,100 *   |          |        |        |        |        |
| 55                | 27,600     |        |       |       |       |    | 35                | 49,300 *   | 49,300 * |        |        |        |        |
| 60                | 24,500     |        |       |       |       |    | 40                | 43,200 *   | 43,200 * |        |        |        |        |
| 65                | 21,800     |        |       |       |       |    | 45                | 38,300 *   | 37,700   |        |        |        |        |
| 70                | 19,600     |        |       |       |       |    | 50                | 33,900 *   | 32,800   | 31,500 |        |        |        |
| 75                | 17,600     |        |       |       |       |    | 55                | 29,100 *   | 28,900   | 27,800 |        |        |        |
| 80                | 16,100     | 15,200 |       |       |       |    | 60                |            | 25,800   | 24,700 | 23,800 |        |        |
| 85                | 14,600     | 13,900 |       |       |       |    | 65                |            |          | 22,300 | 21,400 |        |        |
| 90                | 13,400     | 12,800 |       |       |       |    | 70                |            |          | 20,300 | 19,400 | 18,500 |        |
| 95                | 12,300     | 11,700 |       |       |       |    | 75                |            |          |        | 17,600 | 17,000 |        |
| 100               | 11,200     | 10,800 | 9,900 |       |       |    | 80                |            |          |        |        | 15,400 | 14,800 |
| 105               | 10,400     | 9,900  | 9,000 |       |       |    | 85                |            |          |        |        | 14,300 | 13,700 |
| 110               | 9,700      | 9,300  | 8,400 |       |       |    | 90                |            |          |        |        |        | 12,600 |
| 115               | 8,800      | 8,400  | 7,700 | 6,800 |       |    | 95                |            |          |        |        |        |        |
| 120               | 8,200      | 7,900  | 7,100 | 6,400 |       |    | 100               |            |          |        |        |        |        |
| 125               | 7,700      | 7,300  | 6,600 | 5,700 |       |    | 105               |            |          |        |        |        |        |
| 130               | 7,100      | 6,800  | 6,000 | 5,300 |       |    | 110               |            |          |        |        |        |        |
| 135               | 6,600      | 6,200  | 5,500 | 4,900 | 4,200 |    | 115               |            |          |        |        |        |        |
| 140               | 6,200      | 5,700  | 5,100 | 4,400 | 3,700 |    | 120               |            |          |        |        |        |        |
| 145               | 5,700      | 5,300  | 4,600 | 4,000 | 3,300 |    | 125               |            |          |        |        |        |        |
| 150               |            | 4,900  | 4,200 | 3,500 | 3,100 |    | 130               |            |          |        |        |        |        |
| 155               |            | 4,400  | 3,700 | 3,300 |       |    | 135               |            |          |        |        |        |        |
| 160               |            | 4,200  | 3,500 |       |       |    |                   |            |          |        |        |        |        |
| 165               |            | 3,700  | 3,100 |       |       |    |                   |            |          |        |        |        |        |
| 170               |            |        |       |       |       |    |                   |            |          |        |        |        |        |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 85' Boom          |            |          |        |        |        |        |                   |            |        |        |        |        |        |
|-------------------|------------|----------|--------|--------|--------|--------|-------------------|------------|--------|--------|--------|--------|--------|
| Load Radius (ft.) | 60 ft Jib  |          |        |        |        |        | Load Radius (ft.) | 70 ft Jib  |        |        |        |        |        |
|                   | Boom Angle |          |        |        |        |        |                   | Boom Angle |        |        |        |        |        |
|                   | 88         | 83       | 78     | 73     | 68     | 63     |                   | 88         | 83     | 78     | 73     | 68     | 63     |
| 22                |            |          |        |        |        |        | 22                |            |        |        |        |        |        |
| 24                |            |          |        |        |        |        | 24                |            |        |        |        |        |        |
| 26                | 66,600 *   |          |        |        |        |        | 26                |            |        |        |        |        |        |
| 28                | 62,100 *   |          |        |        |        |        | 28                |            |        |        |        |        |        |
| 30                | 57,900 *   |          |        |        |        |        | 30                | 57,900 *   |        |        |        |        |        |
| 35                | 49,100 *   |          |        |        |        |        | 35                | 49,100 *   |        |        |        |        |        |
| 40                | 42,900 *   | 43,200 * |        |        |        |        | 40                | 42,900 *   |        |        |        |        |        |
| 45                | 38,100 *   | 37,500   |        |        |        |        | 45                | 38,100 *   | 37,000 |        |        |        |        |
| 50                | 34,000     | 32,600   |        |        |        |        | 50                | 34,000     | 32,400 |        |        |        |        |
| 55                | 29,800     | 28,700   | 27,300 |        |        |        | 55                | 29,800     | 28,400 | 26,900 |        |        |        |
| 60                | 26,400 *   | 25,600   | 24,500 |        |        |        | 60                | 26,700     | 25,400 | 24,300 |        |        |        |
| 65                | 22,900 *   | 23,100   | 22,000 | 20,900 |        |        | 65                | 24,000     | 22,900 | 21,800 |        |        |        |
| 70                |            | 20,900   | 20,100 | 19,200 |        |        | 70                | 21,800 *   | 20,900 | 19,800 | 18,700 |        |        |
| 75                |            |          | 18,100 | 17,400 | 16,300 |        | 75                | 19,400 *   | 19,000 | 17,900 | 17,200 |        |        |
| 80                |            |          | 16,800 | 15,900 | 15,200 |        | 80                |            | 17,400 | 16,500 | 15,700 | 14,800 |        |
| 85                |            |          |        | 14,800 | 13,900 | 13,200 | 85                |            |        | 15,200 | 14,600 | 13,700 |        |
| 90                |            |          |        |        | 12,800 | 12,100 | 90                |            |        | 14,100 | 13,400 | 12,600 |        |
| 95                |            |          |        |        | 11,900 | 11,200 | 95                |            |        |        | 12,300 | 11,700 | 11,000 |
| 100               |            |          |        |        |        | 10,400 | 100               |            |        |        |        | 10,800 | 10,100 |
| 105               |            |          |        |        |        |        | 105               |            |        |        |        | 10,100 | 9,500  |
| 110               |            |          |        |        |        |        | 110               |            |        |        |        |        | 8,800  |
| 115               |            |          |        |        |        |        | 115               |            |        |        |        |        |        |
| 120               |            |          |        |        |        |        | 120               |            |        |        |        |        |        |
| 125               |            |          |        |        |        |        | 125               |            |        |        |        |        |        |
| 130               |            |          |        |        |        |        | 130               |            |        |        |        |        |        |
| 135               |            |          |        |        |        |        | 135               |            |        |        |        |        |        |

| 85' Boom          |            |        |        |        |        |       |                   |            |        |        |        |        |       |
|-------------------|------------|--------|--------|--------|--------|-------|-------------------|------------|--------|--------|--------|--------|-------|
| Load Radius (ft.) | 80 ft Jib  |        |        |        |        |       | Load Radius (ft.) | 90 ft Jib  |        |        |        |        |       |
|                   | Boom Angle |        |        |        |        |       |                   | Boom Angle |        |        |        |        |       |
|                   | 88         | 83     | 78     | 73     | 68     | 63    |                   | 88         | 83     | 78     | 73     | 68     | 63    |
| 30                |            |        |        |        |        |       | 30                |            |        |        |        |        |       |
| 35                | 48,700 *   |        |        |        |        |       | 35                | 48,400 *   |        |        |        |        |       |
| 40                | 42,700 *   |        |        |        |        |       | 40                | 42,500 *   |        |        |        |        |       |
| 45                | 37,700 *   |        |        |        |        |       | 45                | 37,500 *   |        |        |        |        |       |
| 50                | 33,700     | 32,200 |        |        |        |       | 50                | 33,500     | 31,700 |        |        |        |       |
| 55                | 29,500     | 28,200 |        |        |        |       | 55                | 29,300     | 28,000 |        |        |        |       |
| 60                | 26,200     | 25,100 | 24,000 |        |        |       | 60                | 26,000     | 24,900 |        |        |        |       |
| 65                | 23,600     | 22,700 | 21,600 |        |        |       | 65                | 23,400     | 22,500 | 20,900 |        |        |       |
| 70                | 21,400     | 20,500 | 19,600 |        |        |       | 70                | 21,200     | 20,300 | 19,400 |        |        |       |
| 75                | 19,400     | 18,500 | 17,900 | 16,800 |        |       | 75                | 19,200     | 18,300 | 17,600 |        |        |       |
| 80                | 17,900     | 17,000 | 16,300 | 15,400 |        |       | 80                | 17,600     | 16,800 | 16,100 | 15,200 |        |       |
| 85                | 16,200 *   | 15,700 | 15,000 | 14,100 |        |       | 85                | 16,300     | 15,400 | 14,800 | 13,900 |        |       |
| 90                |            | 14,600 | 13,900 | 13,000 | 12,300 |       | 90                | 15,000     | 14,300 | 13,700 | 12,800 |        |       |
| 95                |            |        | 12,800 | 12,100 | 11,200 |       | 95                | 13,900     | 13,200 | 12,600 | 11,900 | 11,000 |       |
| 100               |            |        | 11,900 | 11,200 | 10,600 | 9,900 | 100               |            | 12,300 | 11,700 | 11,000 | 10,100 |       |
| 105               |            |        |        | 10,400 | 9,700  | 9,000 | 105               |            |        | 11,000 | 10,100 | 9,500  | 8,800 |
| 110               |            |        |        |        | 9,000  | 8,600 | 110               |            |        | 10,100 | 9,500  | 8,800  | 8,200 |
| 115               |            |        |        |        |        | 7,900 | 115               |            |        |        | 8,800  | 8,200  | 7,700 |
| 120               |            |        |        |        |        | 7,300 | 120               |            |        |        |        | 7,700  | 7,100 |
| 125               |            |        |        |        |        |       | 125               |            |        |        |        |        | 6,600 |
| 130               |            |        |        |        |        |       | 130               |            |        |        |        |        | 6,200 |
| 135               |            |        |        |        |        |       | 135               |            |        |        |        |        |       |
| 140               |            |        |        |        |        |       | 140               |            |        |        |        |        |       |
| 145               |            |        |        |        |        |       | 145               |            |        |        |        |        |       |
| 150               |            |        |        |        |        |       | 150               |            |        |        |        |        |       |
| 155               |            |        |        |        |        |       | 155               |            |        |        |        |        |       |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 85' Boom          |            |        |        |        |       |       |                   |            |        |        |        |       |       |
|-------------------|------------|--------|--------|--------|-------|-------|-------------------|------------|--------|--------|--------|-------|-------|
| Load Radius (ft.) | 100 ft Jib |        |        |        |       |       | Load Radius (ft.) | 110 ft Jib |        |        |        |       |       |
|                   | Boom Angle |        |        |        |       |       |                   | Boom Angle |        |        |        |       |       |
|                   | 88         | 83     | 78     | 73     | 68    | 63    |                   | 88         | 83     | 78     | 73     | 68    | 63    |
| 30                |            |        |        |        |       |       | 30                |            |        |        |        |       |       |
| 35                |            |        |        |        |       |       | 35                |            |        |        |        |       |       |
| 40                | 42,500 *   |        |        |        |       |       | 40                | 42,300 *   |        |        |        |       |       |
| 45                | 37,500 *   |        |        |        |       |       | 45                | 37,500 *   |        |        |        |       |       |
| 50                | 33,300     |        |        |        |       |       | 50                | 33,300     |        |        |        |       |       |
| 55                | 29,100     | 27,600 |        |        |       |       | 55                | 29,100     |        |        |        |       |       |
| 60                | 26,000     | 24,500 |        |        |       |       | 60                | 25,800     | 24,700 |        |        |       |       |
| 65                | 23,400     | 22,000 |        |        |       |       | 65                | 23,400     | 22,300 |        |        |       |       |
| 70                | 21,200     | 19,800 | 18,700 |        |       |       | 70                | 21,200     | 20,100 |        |        |       |       |
| 75                | 19,200     | 18,100 | 17,200 |        |       |       | 75                | 19,200     | 18,300 | 17,000 |        |       |       |
| 80                | 17,600     | 16,500 | 15,700 |        |       |       | 80                | 17,400     | 16,800 | 15,700 |        |       |       |
| 85                | 16,100     | 15,200 | 14,600 | 13,400 |       |       | 85                | 16,100     | 15,400 | 14,300 |        |       |       |
| 90                | 15,000     | 14,100 | 13,200 | 12,300 |       |       | 90                | 14,800     | 14,100 | 13,200 | 12,300 |       |       |
| 95                | 13,900     | 13,000 | 12,300 | 11,500 |       |       | 95                | 13,700     | 13,000 | 12,100 | 11,200 |       |       |
| 100               | 12,800     | 11,900 | 11,500 | 10,600 | 9,900 |       | 100               | 12,800     | 12,100 | 11,200 | 10,600 |       |       |
| 105               |            | 11,200 | 10,600 | 9,900  | 9,000 |       | 105               | 11,900     | 11,200 | 10,600 | 9,700  | 9,000 |       |
| 110               |            | 10,400 | 9,900  | 9,300  | 8,600 |       | 110               | 11,000     | 10,600 | 9,900  | 9,000  | 8,400 |       |
| 115               |            |        | 9,300  | 8,600  | 7,900 | 7,100 | 115               |            | 9,900  | 9,000  | 8,400  | 7,700 |       |
| 120               |            |        |        | 7,900  | 7,300 | 6,600 | 120               |            | 9,300  | 8,600  | 7,900  | 7,300 | 6,400 |
| 125               |            |        |        | 7,500  | 6,800 | 6,200 | 125               |            |        | 7,900  | 7,300  | 6,600 | 6,000 |
| 130               |            |        |        |        | 6,400 | 5,700 | 130               |            |        |        | 6,800  | 6,200 | 5,500 |
| 135               |            |        |        |        |       | 5,300 | 135               |            |        |        | 6,400  | 5,700 | 5,100 |
| 140               |            |        |        |        |       | 4,900 | 140               |            |        |        |        | 5,300 | 4,900 |
| 145               |            |        |        |        |       |       | 145               |            |        |        |        |       | 4,400 |
| 150               |            |        |        |        |       |       | 150               |            |        |        |        |       | 4,000 |
| 155               |            |        |        |        |       |       | 155               |            |        |        |        |       |       |
|                   |            |        |        |        |       |       | 160               |            |        |        |        |       |       |
|                   |            |        |        |        |       |       | 165               |            |        |        |        |       |       |

| 85' Boom          |            |        |        |        |       |       |                   |            |        |        |       |       |       |
|-------------------|------------|--------|--------|--------|-------|-------|-------------------|------------|--------|--------|-------|-------|-------|
| Load Radius (ft.) | 120 ft Jib |        |        |        |       |       | Load Radius (ft.) | 130 ft Jib |        |        |       |       |       |
|                   | Boom Angle |        |        |        |       |       |                   | Boom Angle |        |        |       |       |       |
|                   | 88         | 83     | 78     | 73     | 68    | 63    |                   | 88         | 83     | 78     | 73    | 68    | 63    |
| 30                |            |        |        |        |       |       | 30                |            |        |        |       |       |       |
| 35                |            |        |        |        |       |       | 35                |            |        |        |       |       |       |
| 40                |            |        |        |        |       |       | 40                |            |        |        |       |       |       |
| 45                | 37,000 *   |        |        |        |       |       | 45                | 36,800 *   |        |        |       |       |       |
| 50                | 32,800     |        |        |        |       |       | 50                | 32,600     |        |        |       |       |       |
| 55                | 28,700     |        |        |        |       |       | 55                | 28,400     |        |        |       |       |       |
| 60                | 25,600     | 24,000 |        |        |       |       | 60                | 25,400     |        |        |       |       |       |
| 65                | 22,900     | 21,800 |        |        |       |       | 65                | 22,700     | 21,400 |        |       |       |       |
| 70                | 20,700     | 19,800 |        |        |       |       | 70                | 20,500     | 19,600 |        |       |       |       |
| 75                | 18,700     | 17,900 |        |        |       |       | 75                | 18,500     | 17,600 |        |       |       |       |
| 80                | 17,200     | 16,300 | 15,200 |        |       |       | 80                | 17,000     | 16,100 |        |       |       |       |
| 85                | 15,900     | 15,000 | 14,100 |        |       |       | 85                | 15,700     | 14,800 | 13,400 |       |       |       |
| 90                | 14,600     | 13,900 | 12,800 |        |       |       | 90                | 14,300     | 13,700 | 12,600 |       |       |       |
| 95                | 13,400     | 12,800 | 11,900 | 11,000 |       |       | 95                | 13,200     | 12,600 | 11,700 |       |       |       |
| 100               | 12,300     | 11,900 | 11,000 | 10,100 |       |       | 100               | 12,100     | 11,700 | 10,800 | 9,900 |       |       |
| 105               | 11,700     | 11,000 | 10,100 | 9,500  |       |       | 105               | 11,200     | 10,800 | 9,900  | 9,000 |       |       |
| 110               | 10,800     | 10,100 | 9,500  | 8,800  | 7,900 |       | 110               | 10,600     | 9,900  | 9,300  | 8,400 |       |       |
| 115               | 10,100     | 9,500  | 8,800  | 8,200  | 7,300 |       | 115               | 9,900      | 9,300  | 8,600  | 7,900 | 7,100 |       |
| 120               | 9,500      | 8,800  | 8,200  | 7,500  | 6,800 |       | 120               | 9,300      | 8,600  | 7,900  | 7,300 | 6,400 |       |
| 125               |            | 8,400  | 7,700  | 7,100  | 6,200 | 5,500 | 125               | 8,600      | 8,200  | 7,500  | 6,600 | 6,000 |       |
| 130               |            | 7,900  | 7,300  | 6,600  | 5,700 | 5,100 | 130               | 8,200      | 7,500  | 7,100  | 6,200 | 5,500 | 4,900 |
| 135               |            |        | 6,800  | 6,000  | 5,300 | 4,600 | 135               |            | 7,100  | 6,400  | 5,700 | 5,100 | 4,400 |
| 140               |            |        |        | 5,500  | 4,900 | 4,200 | 140               |            | 6,600  | 6,000  | 5,300 | 4,600 | 4,000 |
| 145               |            |        |        | 5,300  | 4,600 | 4,000 | 145               |            |        | 5,500  | 4,900 | 4,200 | 3,500 |
| 150               |            |        |        |        | 4,200 | 3,500 | 150               |            |        |        | 4,600 | 4,000 | 3,300 |
| 155               |            |        |        |        |       | 3,300 | 155               |            |        |        | 4,200 | 3,500 | 3,100 |
| 160               |            |        |        |        |       |       | 160               |            |        |        |       | 3,300 |       |
| 165               |            |        |        |        |       |       | 165               |            |        |        |       |       |       |



**CK1000-III Luffing Jib Rated Loads in Pounds**

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 85' Boom                |            |        |        |       |       |       |                         |            |        |        |       |       |    |
|-------------------------|------------|--------|--------|-------|-------|-------|-------------------------|------------|--------|--------|-------|-------|----|
| Load<br>Radius<br>(ft.) | 140 ft Jib |        |        |       |       |       | Load<br>Radius<br>(ft.) | 150 ft Jib |        |        |       |       |    |
|                         | Boom Angle |        |        |       |       |       |                         | Boom Angle |        |        |       |       |    |
|                         | 88         | 83     | 78     | 73    | 68    | 63    |                         | 88         | 83     | 78     | 73    | 68    | 63 |
| 30                      |            |        |        |       |       |       | 30                      |            |        |        |       |       |    |
| 35                      |            |        |        |       |       |       | 35                      |            |        |        |       |       |    |
| 40                      |            |        |        |       |       |       | 40                      |            |        |        |       |       |    |
| 45                      |            |        |        |       |       |       | 45                      |            |        |        |       |       |    |
| 50                      | 32,400     |        |        |       |       |       | 50                      | 32,200     |        |        |       |       |    |
| 55                      | 28,200     |        |        |       |       |       | 55                      | 28,000     |        |        |       |       |    |
| 60                      | 25,100     |        |        |       |       |       | 60                      | 24,900     |        |        |       |       |    |
| 65                      | 22,500     |        |        |       |       |       | 65                      | 22,300     |        |        |       |       |    |
| 70                      | 20,300     | 19,000 |        |       |       |       | 70                      | 20,100     | 18,700 |        |       |       |    |
| 75                      | 18,300     | 17,200 |        |       |       |       | 75                      | 18,100     | 17,200 |        |       |       |    |
| 80                      | 16,800     | 15,900 |        |       |       |       | 80                      | 16,500     | 15,700 |        |       |       |    |
| 85                      | 15,200     | 14,600 | 13,000 |       |       |       | 85                      | 15,200     | 14,300 |        |       |       |    |
| 90                      | 14,100     | 13,200 | 12,300 |       |       |       | 90                      | 13,900     | 13,200 | 11,900 |       |       |    |
| 95                      | 12,800     | 12,100 | 11,200 |       |       |       | 95                      | 12,800     | 12,100 | 11,000 |       |       |    |
| 100                     | 11,900     | 11,200 | 10,400 |       |       |       | 100                     | 11,700     | 11,200 | 10,400 |       |       |    |
| 105                     | 11,000     | 10,400 | 9,700  | 8,800 |       |       | 105                     | 11,000     | 10,400 | 9,500  |       |       |    |
| 110                     | 10,400     | 9,700  | 8,800  | 8,200 |       |       | 110                     | 10,100     | 9,500  | 8,800  | 7,900 |       |    |
| 115                     | 9,500      | 9,000  | 8,200  | 7,500 |       |       | 115                     | 9,500      | 8,800  | 8,200  | 7,300 |       |    |
| 120                     | 8,800      | 8,400  | 7,700  | 6,800 | 6,000 |       | 120                     | 8,800      | 8,200  | 7,500  | 6,600 |       |    |
| 125                     | 8,400      | 7,700  | 7,100  | 6,200 | 5,500 |       | 125                     | 8,200      | 7,700  | 7,100  | 6,200 |       |    |
| 130                     | 7,700      | 7,300  | 6,600  | 5,700 | 5,100 |       | 130                     | 7,700      | 7,300  | 6,400  | 5,700 | 4,900 |    |
| 135                     | 7,300      | 6,800  | 6,200  | 5,300 | 4,600 |       | 135                     | 7,100      | 6,600  | 6,000  | 5,300 | 4,400 |    |
| 140                     | 6,800      | 6,400  | 5,500  | 4,900 | 4,200 | 3,500 | 140                     | 6,600      | 6,200  | 5,500  | 4,600 | 4,000 |    |
| 145                     |            | 6,000  | 5,300  | 4,400 | 3,700 | 3,100 | 145                     | 6,200      | 5,700  | 5,100  | 4,400 | 3,700 |    |
| 150                     |            | 5,500  | 4,900  | 4,200 | 3,500 |       | 150                     | 6,000      | 5,300  | 4,600  | 4,000 | 3,300 |    |
| 155                     |            |        | 4,400  | 3,700 | 3,100 |       | 155                     |            | 5,100  | 4,400  | 3,700 | 3,100 |    |
| 160                     |            |        |        | 3,500 |       |       | 160                     |            |        | 4,000  | 3,300 |       |    |
| 165                     |            |        |        |       |       |       | 165                     |            |        | 3,700  | 3,100 |       |    |
| 170                     |            |        |        |       |       |       | 170                     |            |        |        |       |       |    |

| 85' Boom                |            |        |        |       |       |    |                         |            |        |       |       |    |    |
|-------------------------|------------|--------|--------|-------|-------|----|-------------------------|------------|--------|-------|-------|----|----|
| Load<br>Radius<br>(ft.) | 160 ft Jib |        |        |       |       |    | Load<br>Radius<br>(ft.) | 170 ft Jib |        |       |       |    |    |
|                         | Boom Angle |        |        |       |       |    |                         | Boom Angle |        |       |       |    |    |
|                         | 88         | 83     | 78     | 73    | 68    | 63 |                         | 88         | 83     | 78    | 73    | 68 | 63 |
| 30                      |            |        |        |       |       |    | 30                      |            |        |       |       |    |    |
| 35                      |            |        |        |       |       |    | 35                      |            |        |       |       |    |    |
| 40                      |            |        |        |       |       |    | 40                      |            |        |       |       |    |    |
| 45                      |            |        |        |       |       |    | 45                      |            |        |       |       |    |    |
| 50                      |            |        |        |       |       |    | 50                      |            |        |       |       |    |    |
| 55                      | 27,800     |        |        |       |       |    | 55                      | 27,600     |        |       |       |    |    |
| 60                      | 24,700     |        |        |       |       |    | 60                      | 24,500     |        |       |       |    |    |
| 65                      | 22,000     |        |        |       |       |    | 65                      | 21,800     |        |       |       |    |    |
| 70                      | 19,800     |        |        |       |       |    | 70                      | 19,600     |        |       |       |    |    |
| 75                      | 17,900     | 16,500 |        |       |       |    | 75                      | 17,600     |        |       |       |    |    |
| 80                      | 16,300     | 15,400 |        |       |       |    | 80                      | 15,900     | 15,000 |       |       |    |    |
| 85                      | 14,800     | 14,100 |        |       |       |    | 85                      | 14,600     | 13,700 |       |       |    |    |
| 90                      | 13,700     | 12,800 |        |       |       |    | 90                      | 13,400     | 12,600 |       |       |    |    |
| 95                      | 12,300     | 11,700 | 10,400 |       |       |    | 95                      | 12,100     | 11,500 |       |       |    |    |
| 100                     | 11,500     | 10,800 | 9,900  |       |       |    | 100                     | 11,200     | 10,600 | 9,700 |       |    |    |
| 105                     | 10,600     | 9,900  | 9,000  |       |       |    | 105                     | 10,400     | 9,700  | 8,800 |       |    |    |
| 110                     | 9,900      | 9,300  | 8,400  |       |       |    | 110                     | 9,500      | 9,000  | 8,200 |       |    |    |
| 115                     | 9,000      | 8,600  | 7,700  | 6,800 |       |    | 115                     | 8,800      | 8,400  | 7,500 |       |    |    |
| 120                     | 8,400      | 7,900  | 7,100  | 6,200 |       |    | 120                     | 8,200      | 7,700  | 6,800 | 6,000 |    |    |
| 125                     | 7,900      | 7,300  | 6,600  | 5,700 |       |    | 125                     | 7,700      | 7,100  | 6,200 | 5,300 |    |    |
| 130                     | 7,300      | 6,800  | 6,000  | 5,300 |       |    | 130                     | 7,100      | 6,600  | 5,700 | 4,900 |    |    |
| 135                     | 6,800      | 6,400  | 5,500  | 4,900 | 4,000 |    | 135                     | 6,600      | 6,200  | 5,300 | 4,400 |    |    |
| 140                     | 6,400      | 6,000  | 5,100  | 4,400 | 3,500 |    | 140                     | 6,000      | 5,500  | 4,900 | 4,000 |    |    |
| 145                     | 6,000      | 5,500  | 4,600  | 4,000 | 3,300 |    | 145                     | 5,500      | 5,100  | 4,400 | 3,500 |    |    |
| 150                     | 5,500      | 5,100  | 4,200  | 3,500 |       |    | 150                     |            | 4,600  | 4,000 | 3,300 |    |    |
| 155                     |            | 4,600  | 4,000  | 3,300 |       |    | 155                     |            | 4,400  | 3,500 |       |    |    |
| 160                     |            | 4,200  | 3,500  |       |       |    | 160                     |            | 4,000  | 3,300 |       |    |    |
| 165                     |            | 4,000  | 3,300  |       |       |    | 165                     |            | 3,700  |       |       |    |    |
| 170                     |            |        | 3,100  |       |       |    | 170                     |            |        |       |       |    |    |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 95' Boom             |            |          |        |        |        |        |                      |            |          |        |        |        |        |  |
|----------------------|------------|----------|--------|--------|--------|--------|----------------------|------------|----------|--------|--------|--------|--------|--|
| Load Radius<br>(ft.) | 50 ft Jib  |          |        |        |        |        | Load Radius<br>(ft.) | 60 ft Jib  |          |        |        |        |        |  |
|                      | Boom Angle |          |        |        |        |        |                      | Boom Angle |          |        |        |        |        |  |
|                      | 88         | 83       | 78     | 73     | 68     | 63     |                      | 88         | 83       | 78     | 73     | 68     | 63     |  |
| 22                   |            |          |        |        |        |        | 22                   |            |          |        |        |        |        |  |
| 24                   |            |          |        |        |        |        | 24                   |            |          |        |        |        |        |  |
| 26                   | 66,800 *   |          |        |        |        |        | 26                   |            |          |        |        |        |        |  |
| 28                   | 62,000 *   |          |        |        |        |        | 28                   | 61,800 *   |          |        |        |        |        |  |
| 30                   | 57,900 *   |          |        |        |        |        | 30                   | 57,400 *   |          |        |        |        |        |  |
| 35                   | 49,000 *   |          |        |        |        |        | 35                   | 48,800 *   |          |        |        |        |        |  |
| 40                   | 42,900 *   | 42,900 * |        |        |        |        | 40                   | 42,700 *   | 42,700 * |        |        |        |        |  |
| 45                   | 38,100 *   | 37,500 * |        |        |        |        | 45                   | 37,900 *   | 37,300   |        |        |        |        |  |
| 50                   | 34,000     | 32,600   | 30,600 |        |        |        | 50                   | 33,700     | 32,400   |        |        |        |        |  |
| 55                   | 29,800     | 28,700   | 27,100 |        |        |        | 55                   | 29,500     | 28,400   | 26,900 |        |        |        |  |
| 60                   |            | 25,600   | 24,300 | 22,900 |        |        | 60                   | 26,500     | 25,400   | 24,000 |        |        |        |  |
| 65                   |            | 23,100   | 21,800 | 20,900 |        |        | 65                   | 23,800     | 22,900   | 21,600 | 20,300 |        |        |  |
| 70                   |            |          | 19,800 | 19,000 |        |        | 70                   |            | 20,700   | 19,600 | 18,500 |        |        |  |
| 75                   |            |          |        | 17,200 | 16,300 |        | 75                   |            | 19,000   | 17,900 | 17,000 |        |        |  |
| 80                   |            |          |        | 15,900 | 15,000 |        | 80                   |            |          | 16,300 | 15,400 | 14,600 |        |  |
| 85                   |            |          |        |        | 13,700 | 12,800 | 85                   |            |          |        | 14,300 | 13,400 |        |  |
| 90                   |            |          |        |        |        | 11,900 | 90                   |            |          |        | 13,200 | 12,300 | 11,500 |  |
| 95                   |            |          |        |        |        | 11,000 | 95                   |            |          |        |        | 11,500 | 10,600 |  |
| 100                  |            |          |        |        |        |        | 100                  |            |          |        |        |        | 9,900  |  |
| 105                  |            |          |        |        |        |        | 105                  |            |          |        |        |        | 9,300  |  |
| 110                  |            |          |        |        |        |        | 110                  |            |          |        |        |        |        |  |
| 115                  |            |          |        |        |        |        | 115                  |            |          |        |        |        |        |  |
| 120                  |            |          |        |        |        |        | 120                  |            |          |        |        |        |        |  |
| 125                  |            |          |        |        |        |        | 125                  |            |          |        |        |        |        |  |
| 130                  |            |          |        |        |        |        | 130                  |            |          |        |        |        |        |  |
| 135                  |            |          |        |        |        |        | 135                  |            |          |        |        |        |        |  |

| 95' Boom             |            |        |        |        |        |       |                      |            |        |        |        |        |       |  |
|----------------------|------------|--------|--------|--------|--------|-------|----------------------|------------|--------|--------|--------|--------|-------|--|
| Load Radius<br>(ft.) | 70 ft Jib  |        |        |        |        |       | Load Radius<br>(ft.) | 80 ft Jib  |        |        |        |        |       |  |
|                      | Boom Angle |        |        |        |        |       |                      | Boom Angle |        |        |        |        |       |  |
|                      | 88         | 83     | 78     | 73     | 68     | 63    |                      | 88         | 83     | 78     | 73     | 68     | 63    |  |
| 22                   |            |        |        |        |        |       | 30                   |            |        |        |        |        |       |  |
| 24                   |            |        |        |        |        |       | 35                   | 48,600 *   |        |        |        |        |       |  |
| 26                   |            |        |        |        |        |       | 40                   | 42,400 *   |        |        |        |        |       |  |
| 28                   |            |        |        |        |        |       | 45                   | 37,600 *   |        |        |        |        |       |  |
| 30                   | 57,400 *   |        |        |        |        |       | 50                   | 33,500     | 31,500 |        |        |        |       |  |
| 35                   | 48,800 *   |        |        |        |        |       | 55                   | 29,300     | 27,800 |        |        |        |       |  |
| 40                   | 42,700 *   |        |        |        |        |       | 60                   | 26,200     | 24,900 |        |        |        |       |  |
| 45                   | 37,900 *   | 36,800 |        |        |        |       | 65                   | 23,600     | 22,300 | 20,700 |        |        |       |  |
| 50                   | 34,000     | 32,200 |        |        |        |       | 70                   | 21,400     | 20,300 | 19,200 |        |        |       |  |
| 55                   | 29,800     | 28,200 |        |        |        |       | 75                   | 19,400     | 18,300 | 17,400 | 16,100 |        |       |  |
| 60                   | 26,500     | 25,100 | 23,800 |        |        |       | 80                   | 17,900     | 17,000 | 15,900 | 14,800 |        |       |  |
| 65                   | 23,800     | 22,700 | 21,600 |        |        |       | 85                   | 16,500     | 15,700 | 14,800 | 13,700 |        |       |  |
| 70                   | 21,600     | 20,500 | 19,600 |        |        |       | 90                   |            | 14,300 | 13,700 | 12,600 | 11,700 |       |  |
| 75                   | 19,600     | 18,700 | 17,900 | 16,500 |        |       | 95                   |            |        | 12,600 | 11,700 | 10,800 |       |  |
| 80                   |            | 17,200 | 16,300 | 15,200 |        |       | 100                  |            |        | 11,700 | 10,800 | 9,900  |       |  |
| 85                   |            |        | 15,000 | 14,100 | 13,000 |       | 105                  |            |        |        | 10,100 | 9,300  | 8,600 |  |
| 90                   |            |        | 13,900 | 13,000 | 12,100 |       | 110                  |            |        |        | 9,500  | 8,600  | 7,900 |  |
| 95                   |            |        |        | 11,900 | 11,200 |       | 115                  |            |        |        |        | 7,900  | 7,300 |  |
| 100                  |            |        |        | 11,200 | 10,400 | 9,700 | 120                  |            |        |        |        |        | 6,800 |  |
| 105                  |            |        |        |        | 9,700  | 9,000 | 125                  |            |        |        |        |        | 6,400 |  |
| 110                  |            |        |        |        |        | 8,400 | 130                  |            |        |        |        |        |       |  |
| 115                  |            |        |        |        |        | 7,700 | 135                  |            |        |        |        |        |       |  |
| 120                  |            |        |        |        |        |       | 140                  |            |        |        |        |        |       |  |
| 125                  |            |        |        |        |        |       | 145                  |            |        |        |        |        |       |  |
| 130                  |            |        |        |        |        |       | 150                  |            |        |        |        |        |       |  |
| 135                  |            |        |        |        |        |       | 155                  |            |        |        |        |        |       |  |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 95' Boom             |            |        |        |        |        |       |                      |            |        |        |        |       |       |
|----------------------|------------|--------|--------|--------|--------|-------|----------------------|------------|--------|--------|--------|-------|-------|
| Load Radius<br>(ft.) | 90 ft Jib  |        |        |        |        |       | Load Radius<br>(ft.) | 100 ft Jib |        |        |        |       |       |
|                      | Boom Angle |        |        |        |        |       |                      | Boom Angle |        |        |        |       |       |
|                      | 88         | 83     | 78     | 73     | 68     | 63    |                      | 88         | 83     | 78     | 73     | 68    | 63    |
| 30                   |            |        |        |        |        |       | 30                   |            |        |        |        |       |       |
| 35                   | 48,400 *   |        |        |        |        |       | 35                   |            |        |        |        |       |       |
| 40                   | 42,200 *   |        |        |        |        |       | 40                   | 42,000 *   |        |        |        |       |       |
| 45                   | 37,400 *   |        |        |        |        |       | 45                   | 37,400 *   |        |        |        |       |       |
| 50                   | 33,300     | 31,300 |        |        |        |       | 50                   | 33,300     |        |        |        |       |       |
| 55                   | 29,100     | 27,600 |        |        |        |       | 55                   | 29,100     | 27,300 |        |        |       |       |
| 60                   | 26,000     | 24,700 |        |        |        |       | 60                   | 26,000     | 24,300 |        |        |       |       |
| 65                   | 23,400     | 22,000 |        |        |        |       | 65                   | 23,400     | 21,800 |        |        |       |       |
| 70                   | 21,200     | 20,100 | 19,000 |        |        |       | 70                   | 21,200     | 19,600 | 18,300 |        |       |       |
| 75                   | 19,200     | 18,100 | 17,200 |        |        |       | 75                   | 19,200     | 17,900 | 16,800 |        |       |       |
| 80                   | 17,600     | 16,500 | 15,700 |        |        |       | 80                   | 17,400     | 16,300 | 15,400 |        |       |       |
| 85                   | 16,300     | 15,200 | 14,600 | 13,400 |        |       | 85                   | 16,100     | 15,000 | 14,100 |        |       |       |
| 90                   | 15,000     | 14,100 | 13,400 | 12,300 |        |       | 90                   | 15,000     | 13,900 | 13,000 | 11,900 |       |       |
| 95                   | 13,900     | 13,000 | 12,300 | 11,500 | 10,600 |       | 95                   | 13,700     | 12,800 | 11,900 | 11,000 |       |       |
| 100                  |            | 12,100 | 11,500 | 10,600 | 9,700  |       | 100                  | 12,800     | 11,900 | 11,000 | 10,100 |       |       |
| 105                  |            |        | 10,600 | 9,900  | 9,000  |       | 105                  | 11,900     | 11,000 | 10,400 | 9,500  | 8,600 |       |
| 110                  |            |        | 9,900  | 9,300  | 8,400  | 7,500 | 110                  |            | 10,400 | 9,700  | 8,800  | 7,900 |       |
| 115                  |            |        |        | 8,600  | 7,700  | 7,100 | 115                  |            |        | 9,000  | 8,200  | 7,300 | 6,400 |
| 120                  |            |        |        | 7,900  | 7,300  | 6,400 | 120                  |            |        | 8,400  | 7,700  | 6,800 | 6,000 |
| 125                  |            |        |        |        | 6,800  | 6,000 | 125                  |            |        |        | 7,100  | 6,400 | 5,500 |
| 130                  |            |        |        |        |        | 5,500 | 130                  |            |        |        |        | 6,000 | 5,100 |
| 135                  |            |        |        |        |        | 5,100 | 135                  |            |        |        |        | 5,500 | 4,600 |
| 140                  |            |        |        |        |        |       | 140                  |            |        |        |        |       | 4,200 |
| 145                  |            |        |        |        |        |       | 145                  |            |        |        |        |       | 4,000 |
| 150                  |            |        |        |        |        |       | 150                  |            |        |        |        |       |       |
| 155                  |            |        |        |        |        |       | 155                  |            |        |        |        |       |       |

| 95' Boom             |            |        |        |        |       |       |                      |            |        |        |       |       |       |
|----------------------|------------|--------|--------|--------|-------|-------|----------------------|------------|--------|--------|-------|-------|-------|
| Load Radius<br>(ft.) | 110 ft Jib |        |        |        |       |       | Load Radius<br>(ft.) | 120 ft Jib |        |        |       |       |       |
|                      | Boom Angle |        |        |        |       |       |                      | Boom Angle |        |        |       |       |       |
|                      | 88         | 83     | 78     | 73     | 68    | 63    |                      | 88         | 83     | 78     | 73    | 68    | 63    |
| 30                   |            |        |        |        |       |       | 30                   |            |        |        |       |       |       |
| 35                   |            |        |        |        |       |       | 35                   |            |        |        |       |       |       |
| 40                   | 42,000 *   |        |        |        |       |       | 40                   |            |        |        |       |       |       |
| 45                   | 37,200 *   |        |        |        |       |       | 45                   | 37,000 *   |        |        |       |       |       |
| 50                   | 33,300     |        |        |        |       |       | 50                   | 32,800     |        |        |       |       |       |
| 55                   | 29,100     |        |        |        |       |       | 55                   | 28,700     |        |        |       |       |       |
| 60                   | 25,800     | 24,500 |        |        |       |       | 60                   | 25,600     |        |        |       |       |       |
| 65                   | 23,100     | 22,000 |        |        |       |       | 65                   | 22,900     | 21,400 |        |       |       |       |
| 70                   | 20,900     | 19,800 |        |        |       |       | 70                   | 20,700     | 19,600 |        |       |       |       |
| 75                   | 19,000     | 18,100 | 16,300 |        |       |       | 75                   | 18,700     | 17,600 |        |       |       |       |
| 80                   | 17,400     | 16,500 | 15,200 |        |       |       | 80                   | 17,200     | 16,100 | 15,000 |       |       |       |
| 85                   | 16,100     | 15,200 | 14,100 |        |       |       | 85                   | 15,700     | 14,800 | 13,700 |       |       |       |
| 90                   | 14,800     | 13,900 | 13,000 |        |       |       | 90                   | 14,600     | 13,700 | 12,600 |       |       |       |
| 95                   | 13,700     | 12,800 | 11,900 | 10,800 |       |       | 95                   | 13,400     | 12,600 | 11,500 |       |       |       |
| 100                  | 12,800     | 11,900 | 11,000 | 10,100 |       |       | 100                  | 12,300     | 11,700 | 10,600 | 9,700 |       |       |
| 105                  | 11,900     | 11,200 | 10,100 | 9,500  |       |       | 105                  | 11,500     | 10,800 | 9,900  | 9,000 |       |       |
| 110                  | 11,000     | 10,400 | 9,500  | 8,800  | 7,900 |       | 110                  | 10,800     | 10,100 | 9,300  | 8,400 |       |       |
| 115                  |            | 9,700  | 8,800  | 8,200  | 7,300 |       | 115                  | 9,900      | 9,500  | 8,600  | 7,700 | 6,800 |       |
| 120                  |            | 9,000  | 8,400  | 7,500  | 6,600 |       | 120                  | 9,500      | 8,800  | 7,900  | 7,100 | 6,200 |       |
| 125                  |            |        | 7,700  | 7,100  | 6,200 | 5,300 | 125                  |            | 8,200  | 7,500  | 6,600 | 5,700 |       |
| 130                  |            |        | 7,300  | 6,600  | 5,700 | 4,900 | 130                  |            | 7,700  | 7,100  | 6,200 | 5,300 | 4,400 |
| 135                  |            |        |        | 6,200  | 5,300 | 4,600 | 135                  |            |        | 6,600  | 5,700 | 4,900 | 4,200 |
| 140                  |            |        |        |        | 4,900 | 4,200 | 140                  |            |        | 6,000  | 5,300 | 4,400 | 3,700 |
| 145                  |            |        |        |        | 4,600 | 3,700 | 145                  |            |        |        | 4,900 | 4,200 | 3,300 |
| 150                  |            |        |        |        |       | 3,500 | 150                  |            |        |        |       | 3,700 | 3,100 |
| 155                  |            |        |        |        |       |       | 155                  |            |        |        |       | 3,500 |       |



**CK1000-III Luffing Jib Rated Loads in Pounds**

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 95' Boom          |            |        |        |       |       |       |                   |            |        |        |       |       |    |
|-------------------|------------|--------|--------|-------|-------|-------|-------------------|------------|--------|--------|-------|-------|----|
| Load Radius (ft.) | 130 ft Jib |        |        |       |       |       | Load Radius (ft.) | 140 ft Jib |        |        |       |       |    |
|                   | Boom Angle |        |        |       |       |       |                   | Boom Angle |        |        |       |       |    |
|                   | 88         | 83     | 78     | 73    | 68    | 63    |                   | 88         | 83     | 78     | 73    | 68    | 63 |
| 30                |            |        |        |       |       |       | 30                |            |        |        |       |       |    |
| 35                |            |        |        |       |       |       | 35                |            |        |        |       |       |    |
| 40                |            |        |        |       |       |       | 40                |            |        |        |       |       |    |
| 45                | 36,800     |        |        |       |       |       | 45                |            |        |        |       |       |    |
| 50                | 32,600     |        |        |       |       |       | 50                | 32,400     |        |        |       |       |    |
| 55                | 28,400     |        |        |       |       |       | 55                | 28,200     |        |        |       |       |    |
| 60                | 25,400     |        |        |       |       |       | 60                | 24,900     |        |        |       |       |    |
| 65                | 22,700     | 20,900 |        |       |       |       | 65                | 22,500     |        |        |       |       |    |
| 70                | 20,500     | 19,200 |        |       |       |       | 70                | 20,300     | 18,500 |        |       |       |    |
| 75                | 18,500     | 17,400 |        |       |       |       | 75                | 18,300     | 17,000 |        |       |       |    |
| 80                | 17,000     | 15,900 |        |       |       |       | 80                | 16,500     | 15,700 |        |       |       |    |
| 85                | 15,400     | 14,600 | 13,000 |       |       |       | 85                | 15,200     | 14,300 |        |       |       |    |
| 90                | 14,300     | 13,400 | 12,300 |       |       |       | 90                | 13,900     | 13,000 | 11,700 |       |       |    |
| 95                | 13,200     | 12,300 | 11,200 |       |       |       | 95                | 12,800     | 11,900 | 10,800 |       |       |    |
| 100               | 12,100     | 11,500 | 10,400 |       |       |       | 100               | 11,900     | 11,000 | 10,100 |       |       |    |
| 105               | 11,200     | 10,600 | 9,700  | 8,800 |       |       | 105               | 11,000     | 10,400 | 9,300  |       |       |    |
| 110               | 10,600     | 9,900  | 9,000  | 8,200 |       |       | 110               | 10,100     | 9,500  | 8,600  | 7,500 |       |    |
| 115               | 9,700      | 9,000  | 8,400  | 7,300 |       |       | 115               | 9,500      | 8,800  | 7,900  | 6,800 |       |    |
| 120               | 9,000      | 8,600  | 7,700  | 6,800 | 6,000 |       | 120               | 8,800      | 8,200  | 7,300  | 6,400 |       |    |
| 125               | 8,600      | 7,900  | 7,300  | 6,400 | 5,300 |       | 125               | 8,200      | 7,700  | 6,800  | 6,000 | 4,900 |    |
| 130               | 7,900      | 7,500  | 6,600  | 5,700 | 4,900 |       | 130               | 7,700      | 7,100  | 6,200  | 5,300 | 4,400 |    |
| 135               |            | 7,100  | 6,200  | 5,300 | 4,600 | 3,700 | 135               | 7,300      | 6,600  | 5,700  | 4,900 | 4,000 |    |
| 140               |            | 6,600  | 5,700  | 4,900 | 4,200 | 3,300 | 140               | 6,800      | 6,200  | 5,300  | 4,400 | 3,700 |    |
| 145               |            |        | 5,300  | 4,600 | 3,700 | 3,100 | 145               |            | 5,700  | 4,900  | 4,200 | 3,300 |    |
| 150               |            |        | 5,100  | 4,200 | 3,500 |       | 150               |            | 5,300  | 4,600  | 3,700 | 3,100 |    |
| 155               |            |        |        | 4,000 | 3,100 |       | 155               |            |        | 4,200  | 3,500 |       |    |
|                   |            |        |        |       |       |       | 160               |            |        |        | 3,100 |       |    |
|                   |            |        |        |       |       |       | 165               |            |        |        |       |       |    |
|                   |            |        |        |       |       |       | 170               |            |        |        |       |       |    |

| 95' Boom          |            |        |        |       |       |    |                   |            |        |       |       |    |    |
|-------------------|------------|--------|--------|-------|-------|----|-------------------|------------|--------|-------|-------|----|----|
| Load Radius (ft.) | 150 ft Jib |        |        |       |       |    | Load Radius (ft.) | 160 ft Jib |        |       |       |    |    |
|                   | Boom Angle |        |        |       |       |    |                   | Boom Angle |        |       |       |    |    |
|                   | 88         | 83     | 78     | 73    | 68    | 63 |                   | 88         | 83     | 78    | 73    | 68 | 63 |
| 30                |            |        |        |       |       |    | 30                |            |        |       |       |    |    |
| 35                |            |        |        |       |       |    | 35                |            |        |       |       |    |    |
| 40                |            |        |        |       |       |    | 40                |            |        |       |       |    |    |
| 45                |            |        |        |       |       |    | 45                |            |        |       |       |    |    |
| 50                |            |        |        |       |       |    | 50                |            |        |       |       |    |    |
| 55                | 28,000     |        |        |       |       |    | 55                | 27,800     |        |       |       |    |    |
| 60                | 24,900     |        |        |       |       |    | 60                | 24,500     |        |       |       |    |    |
| 65                | 22,300     |        |        |       |       |    | 65                | 22,000     |        |       |       |    |    |
| 70                | 20,100     |        |        |       |       |    | 70                | 19,800     |        |       |       |    |    |
| 75                | 18,100     | 17,000 |        |       |       |    | 75                | 17,900     | 16,300 |       |       |    |    |
| 80                | 16,500     | 15,400 |        |       |       |    | 80                | 16,100     | 15,200 |       |       |    |    |
| 85                | 15,000     | 14,100 |        |       |       |    | 85                | 14,800     | 13,900 |       |       |    |    |
| 90                | 13,900     | 13,000 |        |       |       |    | 90                | 13,400     | 12,600 |       |       |    |    |
| 95                | 12,800     | 11,900 | 10,800 |       |       |    | 95                | 12,300     | 11,500 |       |       |    |    |
| 100               | 11,700     | 11,000 | 9,900  |       |       |    | 100               | 11,500     | 10,600 | 9,500 |       |    |    |
| 105               | 10,800     | 10,100 | 9,300  |       |       |    | 105               | 10,600     | 9,900  | 8,800 |       |    |    |
| 110               | 10,100     | 9,500  | 8,400  |       |       |    | 110               | 9,700      | 9,000  | 8,200 |       |    |    |
| 115               | 9,300      | 8,800  | 7,700  | 6,800 |       |    | 115               | 9,000      | 8,400  | 7,500 |       |    |    |
| 120               | 8,600      | 8,200  | 7,300  | 6,200 |       |    | 120               | 8,400      | 7,700  | 6,800 | 5,700 |    |    |
| 125               | 8,200      | 7,500  | 6,600  | 5,700 |       |    | 125               | 7,700      | 7,300  | 6,200 | 5,300 |    |    |
| 130               | 7,500      | 7,100  | 6,200  | 5,300 | 4,400 |    | 130               | 7,300      | 6,600  | 5,700 | 4,900 |    |    |
| 135               | 7,100      | 6,600  | 5,700  | 4,900 | 4,000 |    | 135               | 6,800      | 6,200  | 5,300 | 4,400 |    |    |
| 140               | 6,600      | 6,200  | 5,300  | 4,400 | 3,500 |    | 140               | 6,400      | 5,700  | 4,900 | 4,000 |    |    |
| 145               | 6,200      | 5,700  | 4,900  | 4,000 | 3,100 |    | 145               | 6,000      | 5,300  | 4,400 | 3,500 |    |    |
| 150               | 5,700      | 5,300  | 4,400  | 3,500 |       |    | 150               | 5,500      | 4,900  | 4,000 | 3,300 |    |    |
| 155               |            | 4,900  | 4,000  | 3,300 |       |    | 155               |            | 4,400  | 3,700 |       |    |    |
| 160               |            | 4,400  | 3,700  | 3,100 |       |    | 160               |            | 4,200  | 3,300 |       |    |    |
| 165               |            |        | 3,500  |       |       |    | 165               |            | 3,700  | 3,100 |       |    |    |
| 170               |            |        |        |       |       |    | 170               |            | 3,500  |       |       |    |    |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 95' Boom          |            |        |       |       |    |    | 105' Boom         |            |        |        |        |        |        |
|-------------------|------------|--------|-------|-------|----|----|-------------------|------------|--------|--------|--------|--------|--------|
| Load Radius (ft.) | 170 ft Jib |        |       |       |    |    | Load Radius (ft.) | 50 ft Jib  |        |        |        |        |        |
|                   | Boom Angle |        |       |       |    |    |                   | Boom Angle |        |        |        |        |        |
|                   | 88         | 83     | 78    | 73    | 68 | 63 |                   | 88         | 83     | 78     | 73     | 68     | 63     |
| 30                |            |        |       |       |    |    | 22                |            |        |        |        |        |        |
| 35                |            |        |       |       |    |    | 24                |            |        |        |        |        |        |
| 40                |            |        |       |       |    |    | 26                |            |        |        |        |        |        |
| 45                |            |        |       |       |    |    | 28                | 61,900 *   |        |        |        |        |        |
| 50                |            |        |       |       |    |    | 30                | 57,700 *   |        |        |        |        |        |
| 55                |            |        |       |       |    |    | 35                | 48,900 *   |        |        |        |        |        |
| 60                | 24,700     |        |       |       |    |    | 40                | 42,700 *   | 42,700 |        |        |        |        |
| 65                | 22,000     |        |       |       |    |    | 45                | 37,900 *   | 37,300 |        |        |        |        |
| 70                | 19,800     |        |       |       |    |    | 50                | 34,000     | 32,400 |        |        |        |        |
| 75                | 17,900     |        |       |       |    |    | 55                | 29,800     | 28,400 | 26,700 |        |        |        |
| 80                | 16,300     | 14,800 |       |       |    |    | 60                |            | 25,400 | 23,800 |        |        |        |
| 85                | 14,800     | 13,400 |       |       |    |    | 65                |            | 22,900 | 21,600 | 20,100 |        |        |
| 90                | 13,700     | 12,300 |       |       |    |    | 70                |            |        | 19,600 | 18,500 |        |        |
| 95                | 12,600     | 11,200 |       |       |    |    | 75                |            |        | 17,600 | 16,800 | 15,400 |        |
| 100               | 11,500     | 10,400 | 9,000 |       |    |    | 80                |            |        |        | 15,400 | 14,300 |        |
| 105               | 10,600     | 9,700  | 8,600 |       |    |    | 85                |            |        |        |        | 13,200 |        |
| 110               | 9,900      | 8,800  | 7,700 |       |    |    | 90                |            |        |        |        | 12,300 | 11,200 |
| 115               | 9,000      | 8,200  | 7,100 |       |    |    | 95                |            |        |        |        |        | 10,600 |
| 120               | 8,400      | 7,500  | 6,400 |       |    |    | 100               |            |        |        |        |        | 9,700  |
| 125               | 7,900      | 7,100  | 6,000 | 4,900 |    |    | 105               |            |        |        |        |        |        |
| 130               | 7,300      | 6,400  | 5,500 | 4,400 |    |    | 110               |            |        |        |        |        |        |
| 135               | 6,800      | 6,000  | 4,900 | 4,000 |    |    | 115               |            |        |        |        |        |        |
| 140               |            | 5,500  | 4,400 | 3,500 |    |    | 120               |            |        |        |        |        |        |
| 145               |            | 5,100  | 4,200 | 3,300 |    |    | 125               |            |        |        |        |        |        |
| 150               |            | 4,600  | 3,700 |       |    |    | 130               |            |        |        |        |        |        |
| 155               |            | 4,200  | 3,300 |       |    |    | 135               |            |        |        |        |        |        |
| 160               |            | 3,700  | 3,100 |       |    |    |                   |            |        |        |        |        |        |
| 165               |            | 3,500  |       |       |    |    |                   |            |        |        |        |        |        |

| 105' Boom         |            |        |        |        |        |        |                   |            |        |        |        |        |       |
|-------------------|------------|--------|--------|--------|--------|--------|-------------------|------------|--------|--------|--------|--------|-------|
| Load Radius (ft.) | 60 ft Jib  |        |        |        |        |        | Load Radius (ft.) | 70 ft Jib  |        |        |        |        |       |
|                   | Boom Angle |        |        |        |        |        |                   | Boom Angle |        |        |        |        |       |
|                   | 88         | 83     | 78     | 73     | 68     | 63     |                   | 88         | 83     | 78     | 73     | 68     | 63    |
| 22                |            |        |        |        |        |        | 22                |            |        |        |        |        |       |
| 24                |            |        |        |        |        |        | 24                |            |        |        |        |        |       |
| 26                |            |        |        |        |        |        | 26                |            |        |        |        |        |       |
| 28                | 61,600 *   |        |        |        |        |        | 28                |            |        |        |        |        |       |
| 30                | 57,500 *   |        |        |        |        |        | 30                | 50,000 *   |        |        |        |        |       |
| 35                | 48,700 *   |        |        |        |        |        | 35                | 48,700 *   |        |        |        |        |       |
| 40                | 42,300 *   |        |        |        |        |        | 40                | 42,500 *   |        |        |        |        |       |
| 45                | 37,700 *   | 36,400 |        |        |        |        | 45                | 37,700 *   | 36,400 |        |        |        |       |
| 50                | 33,700     | 32,200 |        |        |        |        | 50                | 33,700     | 32,000 |        |        |        |       |
| 55                | 29,500     | 28,200 | 26,000 |        |        |        | 55                | 29,500     | 28,000 |        |        |        |       |
| 60                | 26,500     | 25,100 | 23,600 |        |        |        | 60                | 26,500     | 24,900 | 23,400 |        |        |       |
| 65                | 23,800     | 22,700 | 21,200 |        |        |        | 65                | 23,800     | 22,500 | 21,200 |        |        |       |
| 70                |            | 20,500 | 19,200 | 17,900 |        |        | 70                | 21,600     | 20,300 | 19,200 |        |        |       |
| 75                |            | 18,700 | 17,400 | 16,300 |        |        | 75                | 19,600     | 18,500 | 17,400 | 15,900 |        |       |
| 80                |            |        | 16,100 | 15,000 |        |        | 80                |            | 17,000 | 16,100 | 14,800 |        |       |
| 85                |            |        | 14,800 | 13,900 | 12,600 |        | 85                |            | 15,700 | 14,800 | 13,700 |        |       |
| 90                |            |        |        | 12,800 | 11,900 |        | 90                |            |        | 13,700 | 12,600 | 11,700 |       |
| 95                |            |        |        |        | 11,000 |        | 95                |            |        |        | 11,700 | 10,600 |       |
| 100               |            |        |        |        | 10,100 | 10,100 | 100               |            |        |        | 10,800 | 9,900  | 9,000 |
| 105               |            |        |        |        |        | 8,600  | 105               |            |        |        |        | 9,300  | 8,400 |
| 110               |            |        |        |        |        | 8,200  | 110               |            |        |        |        | 8,600  | 7,700 |
| 115               |            |        |        |        |        |        | 115               |            |        |        |        |        | 7,300 |
| 120               |            |        |        |        |        |        | 120               |            |        |        |        |        | 6,600 |
| 125               |            |        |        |        |        |        | 125               |            |        |        |        |        |       |
| 130               |            |        |        |        |        |        | 130               |            |        |        |        |        |       |
| 135               |            |        |        |        |        |        | 135               |            |        |        |        |        |       |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 105' Boom         |            |        |        |        |        |       |
|-------------------|------------|--------|--------|--------|--------|-------|
| Load Radius (ft.) | 80 ft Jib  |        |        |        |        |       |
|                   | Boom Angle |        |        |        |        |       |
|                   | 88         | 83     | 78     | 73     | 68     | 63    |
| 30                |            |        |        |        |        |       |
| 35                | 48,200 *   |        |        |        |        |       |
| 40                | 42,100 *   |        |        |        |        |       |
| 45                | 37,300 *   |        |        |        |        |       |
| 50                | 33,500     | 31,300 |        |        |        |       |
| 55                | 29,300     | 27,600 |        |        |        |       |
| 60                | 26,200     | 24,500 |        |        |        |       |
| 65                | 23,600     | 22,000 | 20,300 |        |        |       |
| 70                | 21,400     | 20,100 | 18,700 |        |        |       |
| 75                | 19,400     | 18,100 | 17,000 |        |        |       |
| 80                | 17,900     | 16,800 | 15,700 | 14,300 |        |       |
| 85                | 16,300     | 15,400 | 14,300 | 13,200 |        |       |
| 90                |            | 14,100 | 13,200 | 12,100 |        |       |
| 95                |            | 13,000 | 12,300 | 11,200 | 10,400 |       |
| 100               |            |        | 11,500 | 10,400 | 9,500  |       |
| 105               |            |        |        | 9,700  | 8,800  |       |
| 110               |            |        |        | 9,000  | 8,200  | 7,300 |
| 115               |            |        |        |        | 7,700  | 6,600 |
| 120               |            |        |        |        | 7,100  | 6,200 |
| 125               |            |        |        |        |        | 5,700 |
| 130               |            |        |        |        |        | 5,300 |
| 135               |            |        |        |        |        |       |
| 140               |            |        |        |        |        |       |
| 145               |            |        |        |        |        |       |
| 150               |            |        |        |        |        |       |
| 155               |            |        |        |        |        |       |

| 105' Boom         |            |        |        |        |       |       |
|-------------------|------------|--------|--------|--------|-------|-------|
| Load Radius (ft.) | 100 ft Jib |        |        |        |       |       |
|                   | Boom Angle |        |        |        |       |       |
|                   | 88         | 83     | 78     | 73     | 68    | 63    |
| 30                |            |        |        |        |       |       |
| 35                |            |        |        |        |       |       |
| 40                | 41,900 *   |        |        |        |       |       |
| 45                | 37,000 *   |        |        |        |       |       |
| 50                | 33,300     |        |        |        |       |       |
| 55                | 29,100     | 26,900 |        |        |       |       |
| 60                | 25,800     | 24,000 |        |        |       |       |
| 65                | 23,100     | 21,600 |        |        |       |       |
| 70                | 20,900     | 19,400 |        |        |       |       |
| 75                | 19,000     | 17,600 | 16,300 |        |       |       |
| 80                | 17,400     | 16,100 | 15,000 |        |       |       |
| 85                | 16,100     | 14,800 | 13,700 |        |       |       |
| 90                | 14,800     | 13,700 | 12,800 | 11,500 |       |       |
| 95                | 13,700     | 12,600 | 11,700 | 10,600 |       |       |
| 100               | 12,800     | 11,700 | 10,800 | 9,700  |       |       |
| 105               | 11,900     | 10,800 | 10,100 | 9,000  | 8,200 |       |
| 110               |            | 10,100 | 9,500  | 8,400  | 7,500 |       |
| 115               |            |        | 8,800  | 7,900  | 6,800 |       |
| 120               |            |        | 8,200  | 7,300  | 6,400 | 5,300 |
| 125               |            |        |        | 6,800  | 5,700 | 4,900 |
| 130               |            |        |        | 6,200  | 5,300 | 4,400 |
| 135               |            |        |        |        | 5,100 | 4,200 |
| 140               |            |        |        |        | 4,600 | 3,700 |
| 145               |            |        |        |        |       | 3,500 |
| 150               |            |        |        |        |       |       |
| 155               |            |        |        |        |       |       |

| Load Radius (ft.) | 110 ft Jib |        |        |        |       |       |
|-------------------|------------|--------|--------|--------|-------|-------|
|                   | Boom Angle |        |        |        |       |       |
|                   | 88         | 83     | 78     | 73     | 68    | 63    |
| 30                |            |        |        |        |       |       |
| 35                |            |        |        |        |       |       |
| 40                | 41,600 *   |        |        |        |       |       |
| 45                | 37,000 *   |        |        |        |       |       |
| 50                | 33,100     |        |        |        |       |       |
| 55                | 28,900     |        |        |        |       |       |
| 60                | 25,800     | 24,000 |        |        |       |       |
| 65                | 23,100     | 21,600 |        |        |       |       |
| 70                | 20,900     | 19,600 |        |        |       |       |
| 75                | 19,000     | 17,900 |        |        |       |       |
| 80                | 17,400     | 16,300 | 15,000 |        |       |       |
| 85                | 16,100     | 15,000 | 13,700 |        |       |       |
| 90                | 14,800     | 13,900 | 12,600 |        |       |       |
| 95                | 13,700     | 12,800 | 11,700 | 10,600 |       |       |
| 100               | 12,600     | 11,900 | 10,800 | 9,700  |       |       |
| 105               | 11,900     | 11,000 | 9,900  | 9,000  |       |       |
| 110               | 11,000     | 10,400 | 9,300  | 8,400  | 7,300 |       |
| 115               |            | 9,500  | 8,600  | 7,700  | 6,600 |       |
| 120               |            | 9,000  | 8,200  | 7,300  | 6,200 |       |
| 125               |            |        | 7,500  | 6,600  | 5,700 |       |
| 130               |            |        | 7,100  | 6,200  | 5,300 | 4,400 |
| 135               |            |        |        | 5,700  | 4,900 | 4,000 |
| 140               |            |        |        | 5,300  | 4,400 | 3,700 |
| 145               |            |        |        |        | 4,200 | 3,300 |
| 150               |            |        |        |        | 3,700 | 3,100 |
| 155               |            |        |        |        |       |       |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 105' Boom         |            |        |        |       |       |       |
|-------------------|------------|--------|--------|-------|-------|-------|
| Load Radius (ft.) | 120 ft Jib |        |        |       |       |       |
|                   | Boom Angle |        |        |       |       |       |
|                   | 88         | 83     | 78     | 73    | 68    | 63    |
| 30                |            |        |        |       |       |       |
| 35                |            |        |        |       |       |       |
| 40                |            |        |        |       |       |       |
| 45                | 36,600 *   |        |        |       |       |       |
| 50                | 32,800     |        |        |       |       |       |
| 55                | 28,700     |        |        |       |       |       |
| 60                | 25,600     |        |        |       |       |       |
| 65                | 22,900     | 20,900 |        |       |       |       |
| 70                | 20,700     | 19,200 |        |       |       |       |
| 75                | 18,700     | 17,400 |        |       |       |       |
| 80                | 17,000     | 15,900 |        |       |       |       |
| 85                | 15,700     | 14,600 | 13,000 |       |       |       |
| 90                | 14,600     | 13,400 | 12,300 |       |       |       |
| 95                | 13,200     | 12,300 | 11,200 |       |       |       |
| 100               | 12,300     | 11,500 | 10,400 | 9,300 |       |       |
| 105               | 11,500     | 10,600 | 9,700  | 8,600 |       |       |
| 110               | 10,800     | 9,900  | 9,000  | 7,900 |       |       |
| 115               | 9,900      | 9,300  | 8,400  | 7,300 |       |       |
| 120               | 9,300      | 8,600  | 7,700  | 6,600 | 5,700 |       |
| 125               |            | 8,200  | 7,300  | 6,200 | 5,300 |       |
| 130               |            | 7,500  | 6,600  | 5,700 | 4,900 |       |
| 135               |            |        | 6,200  | 5,300 | 4,400 | 3,500 |
| 140               |            |        | 5,700  | 4,900 | 4,000 | 3,100 |
| 145               |            |        |        | 4,400 | 3,700 |       |
| 150               |            |        |        | 4,200 | 3,300 |       |
| 155               |            |        |        |       | 3,100 |       |
| 160               |            |        |        |       |       |       |

| 105' Boom         |            |        |        |       |       |    |
|-------------------|------------|--------|--------|-------|-------|----|
| Load Radius (ft.) | 140 ft Jib |        |        |       |       |    |
|                   | Boom Angle |        |        |       |       |    |
|                   | 88         | 83     | 78     | 73    | 68    | 63 |
| 30                |            |        |        |       |       |    |
| 35                |            |        |        |       |       |    |
| 40                |            |        |        |       |       |    |
| 45                |            |        |        |       |       |    |
| 50                | 32,200     |        |        |       |       |    |
| 55                | 28,000     |        |        |       |       |    |
| 60                | 24,900     |        |        |       |       |    |
| 65                | 22,300     |        |        |       |       |    |
| 70                | 20,100     | 18,300 |        |       |       |    |
| 75                | 18,100     | 16,800 |        |       |       |    |
| 80                | 16,500     | 15,400 |        |       |       |    |
| 85                | 15,200     | 14,100 |        |       |       |    |
| 90                | 13,900     | 12,800 | 11,200 |       |       |    |
| 95                | 12,800     | 11,900 | 10,600 |       |       |    |
| 100               | 11,900     | 11,000 | 9,700  |       |       |    |
| 105               | 11,000     | 10,100 | 9,000  |       |       |    |
| 110               | 10,100     | 9,500  | 8,400  | 7,100 |       |    |
| 115               | 9,500      | 8,600  | 7,700  | 6,400 |       |    |
| 120               | 8,800      | 8,200  | 7,100  | 6,000 |       |    |
| 125               | 8,200      | 7,500  | 6,600  | 5,500 |       |    |
| 130               | 7,700      | 7,100  | 6,000  | 5,100 | 4,000 |    |
| 135               | 7,300      | 6,600  | 5,500  | 4,600 | 3,500 |    |
| 140               | 6,600      | 6,000  | 5,100  | 4,200 | 3,300 |    |
| 145               |            | 5,700  | 4,600  | 3,700 |       |    |
| 150               |            | 5,300  | 4,400  | 3,500 |       |    |
| 155               |            |        | 4,000  | 3,100 |       |    |
| 160               |            |        | 3,700  |       |       |    |
| 165               |            |        |        |       |       |    |

| Load Radius (ft.) | 150 ft Jib |        |        |       |       |    |
|-------------------|------------|--------|--------|-------|-------|----|
|                   | Boom Angle |        |        |       |       |    |
|                   | 88         | 83     | 78     | 73    | 68    | 63 |
| 30                |            |        |        |       |       |    |
| 35                |            |        |        |       |       |    |
| 40                |            |        |        |       |       |    |
| 45                |            |        |        |       |       |    |
| 50                |            |        |        |       |       |    |
| 55                | 28,000     |        |        |       |       |    |
| 60                | 24,700     |        |        |       |       |    |
| 65                | 22,300     |        |        |       |       |    |
| 70                | 20,100     |        |        |       |       |    |
| 75                | 18,100     | 16,800 |        |       |       |    |
| 80                | 16,300     | 15,200 |        |       |       |    |
| 85                | 15,000     | 13,900 |        |       |       |    |
| 90                | 13,900     | 12,800 |        |       |       |    |
| 95                | 12,600     | 11,700 | 10,100 |       |       |    |
| 100               | 11,700     | 10,800 | 9,700  |       |       |    |
| 105               | 10,800     | 9,900  | 8,800  |       |       |    |
| 110               | 10,100     | 9,300  | 8,200  |       |       |    |
| 115               | 9,300      | 8,600  | 7,500  | 6,400 |       |    |
| 120               | 8,600      | 7,900  | 6,800  | 5,700 |       |    |
| 125               | 8,200      | 7,500  | 6,400  | 5,300 |       |    |
| 130               | 7,500      | 6,800  | 6,000  | 4,900 |       |    |
| 135               | 7,100      | 6,400  | 5,300  | 4,400 | 3,500 |    |
| 140               | 6,600      | 6,000  | 4,900  | 4,000 | 3,100 |    |
| 145               | 6,200      | 5,500  | 4,600  | 3,500 |       |    |
| 150               | 5,700      | 5,100  | 4,200  | 3,300 |       |    |
| 155               |            | 4,600  | 3,700  |       |       |    |
| 160               |            | 4,400  | 3,500  |       |       |    |
| 165               |            |        | 3,300  |       |       |    |



# CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

## 115' Boom

| Load<br>Radius<br>(ft.) | 50 ft Jib  |        |        |        |        |       |
|-------------------------|------------|--------|--------|--------|--------|-------|
|                         | Boom Angle |        |        |        |        |       |
|                         | 88         | 83     | 78     | 73     | 68     | 63    |
| 22                      |            |        |        |        |        |       |
| 24                      |            |        |        |        |        |       |
| 26                      |            |        |        |        |        |       |
| 28                      | 61,600 *   |        |        |        |        |       |
| 30                      | 57,500 *   |        |        |        |        |       |
| 35                      | 48,700 *   |        |        |        |        |       |
| 40                      | 42,500 *   | 42,500 |        |        |        |       |
| 45                      | 37,700 *   | 36,800 |        |        |        |       |
| 50                      | 33,800 *   | 32,200 |        |        |        |       |
| 55                      | 29,800     | 28,200 | 26,200 |        |        |       |
| 60                      |            | 25,100 | 23,400 |        |        |       |
| 65                      |            | 22,700 | 21,200 |        |        |       |
| 70                      |            |        | 19,200 | 17,600 |        |       |
| 75                      |            |        | 17,400 | 16,300 |        |       |
| 80                      |            |        |        | 15,000 | 13,700 |       |
| 85                      |            |        |        | 13,700 | 12,800 |       |
| 90                      |            |        |        |        | 11,700 |       |
| 95                      |            |        |        |        | 10,800 | 9,900 |
| 100                     |            |        |        |        |        | 9,300 |
| 105                     |            |        |        |        |        | 8,600 |
| 110                     |            |        |        |        |        |       |
| 115                     |            |        |        |        |        |       |
| 120                     |            |        |        |        |        |       |
| 125                     |            |        |        |        |        |       |
| 130                     |            |        |        |        |        |       |
| 135                     |            |        |        |        |        |       |

| Load<br>Radius<br>(ft.) | 60 ft Jib  |        |        |        |        |       |
|-------------------------|------------|--------|--------|--------|--------|-------|
|                         | Boom Angle |        |        |        |        |       |
|                         | 88         | 83     | 78     | 73     | 68     | 63    |
| 22                      |            |        |        |        |        |       |
| 24                      |            |        |        |        |        |       |
| 26                      |            |        |        |        |        |       |
| 28                      |            |        |        |        |        |       |
| 30                      | 50,000 *   |        |        |        |        |       |
| 35                      | 48,700 *   |        |        |        |        |       |
| 40                      | 42,500 *   |        |        |        |        |       |
| 45                      | 37,700 *   | 35,900 |        |        |        |       |
| 50                      | 33,800     | 31,700 |        |        |        |       |
| 55                      | 29,800     | 27,800 |        |        |        |       |
| 60                      | 26,500     | 24,900 | 23,100 |        |        |       |
| 65                      | 23,800     | 22,500 | 20,900 |        |        |       |
| 70                      |            | 20,300 | 19,000 |        |        |       |
| 75                      |            | 18,500 | 17,200 | 15,900 |        |       |
| 80                      |            |        | 15,900 | 14,600 |        |       |
| 85                      |            |        | 14,600 | 13,400 | 12,100 |       |
| 90                      |            |        |        | 12,300 | 11,200 |       |
| 95                      |            |        |        | 11,500 | 10,400 |       |
| 100                     |            |        |        |        | 9,700  | 8,600 |
| 105                     |            |        |        |        | 9,000  | 7,900 |
| 110                     |            |        |        |        |        | 7,500 |
| 115                     |            |        |        |        |        | 6,800 |
| 120                     |            |        |        |        |        |       |
| 125                     |            |        |        |        |        |       |
| 130                     |            |        |        |        |        |       |
| 135                     |            |        |        |        |        |       |

## 115' Boom

| Load<br>Radius<br>(ft.) | 70 ft Jib  |        |        |        |        |       |
|-------------------------|------------|--------|--------|--------|--------|-------|
|                         | Boom Angle |        |        |        |        |       |
|                         | 88         | 83     | 78     | 73     | 68     | 63    |
| 22                      |            |        |        |        |        |       |
| 24                      |            |        |        |        |        |       |
| 26                      |            |        |        |        |        |       |
| 28                      |            |        |        |        |        |       |
| 30                      | 50,000 *   |        |        |        |        |       |
| 35                      | 48,400 *   |        |        |        |        |       |
| 40                      | 42,300 *   |        |        |        |        |       |
| 45                      | 37,500 *   |        |        |        |        |       |
| 50                      | 33,600     | 31,500 |        |        |        |       |
| 55                      | 29,500     | 27,600 |        |        |        |       |
| 60                      | 26,500     | 24,700 |        |        |        |       |
| 65                      | 23,800     | 22,300 | 20,300 |        |        |       |
| 70                      | 21,600     | 20,100 | 18,700 |        |        |       |
| 75                      | 19,600     | 18,300 | 17,000 |        |        |       |
| 80                      |            | 16,800 | 15,700 | 14,300 |        |       |
| 85                      |            | 15,400 | 14,300 | 13,200 |        |       |
| 90                      |            |        | 13,200 | 12,100 |        |       |
| 95                      |            |        | 12,300 | 11,200 | 10,100 |       |
| 100                     |            |        |        | 10,400 | 9,500  |       |
| 105                     |            |        |        | 9,700  | 8,800  | 7,700 |
| 110                     |            |        |        |        | 8,200  | 7,100 |
| 115                     |            |        |        |        | 7,500  | 6,600 |
| 120                     |            |        |        |        |        | 6,200 |
| 125                     |            |        |        |        |        | 5,700 |
| 130                     |            |        |        |        |        |       |
| 135                     |            |        |        |        |        |       |

| Load<br>Radius<br>(ft.) | 80 ft Jib  |        |        |        |       |       |
|-------------------------|------------|--------|--------|--------|-------|-------|
|                         | Boom Angle |        |        |        |       |       |
|                         | 88         | 83     | 78     | 73     | 68    | 63    |
| 22                      |            |        |        |        |       |       |
| 24                      |            |        |        |        |       |       |
| 26                      |            |        |        |        |       |       |
| 28                      |            |        |        |        |       |       |
| 30                      |            |        |        |        |       |       |
| 35                      | 48,200 *   |        |        |        |       |       |
| 40                      | 42,100 *   |        |        |        |       |       |
| 45                      | 37,300 *   |        |        |        |       |       |
| 50                      | 33,200     | 30,900 |        |        |       |       |
| 55                      | 29,100     | 27,300 |        |        |       |       |
| 60                      | 26,000     | 24,300 |        |        |       |       |
| 65                      | 23,400     | 21,800 |        |        |       |       |
| 70                      | 21,200     | 19,800 | 18,300 |        |       |       |
| 75                      | 19,200     | 17,900 | 16,800 |        |       |       |
| 80                      | 17,600     | 16,500 | 15,200 |        |       |       |
| 85                      | 16,300     | 15,200 | 14,100 | 12,600 |       |       |
| 90                      |            | 14,100 | 13,000 | 11,700 |       |       |
| 95                      |            | 13,000 | 11,900 | 10,800 |       |       |
| 100                     |            |        | 11,000 | 10,100 | 9,000 |       |
| 105                     |            |        | 10,400 | 9,300  | 8,400 |       |
| 110                     |            |        |        | 8,600  | 7,700 |       |
| 115                     |            |        |        | 8,200  | 7,100 | 6,000 |
| 120                     |            |        |        |        | 6,600 | 5,500 |
| 125                     |            |        |        |        | 6,200 | 5,100 |
| 130                     |            |        |        |        |       | 4,900 |
| 135                     |            |        |        |        |       | 4,400 |



## CK1000-III Luffing Jib Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| 115' Boom            |            |        |        |        |       |       |
|----------------------|------------|--------|--------|--------|-------|-------|
| Load Radius<br>(ft.) | 90 ft Jib  |        |        |        |       |       |
|                      | Boom Angle |        |        |        |       |       |
|                      | 88         | 83     | 78     | 73     | 68    | 63    |
| 22                   |            |        |        |        |       |       |
| 24                   |            |        |        |        |       |       |
| 26                   |            |        |        |        |       |       |
| 28                   |            |        |        |        |       |       |
| 30                   |            |        |        |        |       |       |
| 35                   | 48,000 *   |        |        |        |       |       |
| 40                   | 41,800 *   |        |        |        |       |       |
| 45                   | 37,000 *   |        |        |        |       |       |
| 50                   | 33,000     |        |        |        |       |       |
| 55                   | 28,900     | 26,900 |        |        |       |       |
| 60                   | 25,800     | 24,000 |        |        |       |       |
| 65                   | 23,100     | 21,600 |        |        |       |       |
| 70                   | 20,900     | 19,600 | 17,600 |        |       |       |
| 75                   | 19,000     | 17,600 | 16,300 |        |       |       |
| 80                   | 17,400     | 16,300 | 15,000 |        |       |       |
| 85                   | 16,100     | 15,000 | 13,900 |        |       |       |
| 90                   | 14,800     | 13,900 | 12,800 | 11,500 |       |       |
| 95                   | 13,700     | 12,800 | 11,700 | 10,600 |       |       |
| 100                  |            | 11,900 | 10,800 | 9,700  |       |       |
| 105                  |            | 11,000 | 10,100 | 9,000  | 7,900 |       |
| 110                  |            |        | 9,500  | 8,400  | 7,300 |       |
| 115                  |            |        | 8,800  | 7,900  | 6,800 |       |
| 120                  |            |        |        | 7,300  | 6,200 | 5,300 |
| 125                  |            |        |        | 6,800  | 5,700 | 4,900 |
| 130                  |            |        |        |        | 5,300 | 4,400 |
| 135                  |            |        |        |        | 4,900 | 4,000 |
| 140                  |            |        |        |        |       | 3,700 |

| Load Radius<br>(ft.) | 100 ft Jib |        |        |        |       |       |
|----------------------|------------|--------|--------|--------|-------|-------|
|                      | Boom Angle |        |        |        |       |       |
|                      | 88         | 83     | 78     | 73     | 68    | 63    |
| 22                   |            |        |        |        |       |       |
| 24                   |            |        |        |        |       |       |
| 26                   |            |        |        |        |       |       |
| 28                   |            |        |        |        |       |       |
| 30                   |            |        |        |        |       |       |
| 35                   |            |        |        |        |       |       |
| 40                   | 41,800 *   |        |        |        |       |       |
| 45                   | 37,000 *   |        |        |        |       |       |
| 50                   | 33,000     |        |        |        |       |       |
| 55                   | 28,900     |        |        |        |       |       |
| 60                   | 25,800     | 24,000 |        |        |       |       |
| 65                   | 23,100     | 21,600 |        |        |       |       |
| 70                   | 20,900     | 19,400 |        |        |       |       |
| 75                   | 19,000     | 17,600 | 15,700 |        |       |       |
| 80                   | 17,400     | 16,100 | 14,600 |        |       |       |
| 85                   | 16,100     | 14,800 | 13,400 |        |       |       |
| 90                   | 14,800     | 13,700 | 12,300 |        |       |       |
| 95                   | 13,700     | 12,600 | 11,500 | 10,100 |       |       |
| 100                  | 12,800     | 11,700 | 10,600 | 9,500  |       |       |
| 105                  | 11,900     | 10,800 | 9,700  | 8,600  |       |       |
| 110                  |            | 10,100 | 9,000  | 7,900  | 6,800 |       |
| 115                  |            | 9,500  | 8,400  | 7,500  | 6,200 |       |
| 120                  |            |        | 7,900  | 6,800  | 5,700 |       |
| 125                  |            |        | 7,300  | 6,400  | 5,300 | 4,200 |
| 130                  |            |        |        | 6,000  | 4,900 | 4,000 |
| 135                  |            |        |        | 5,500  | 4,400 | 3,500 |
| 140                  |            |        |        |        | 4,200 | 3,300 |

## Rated Loads in Pounds for CK1000-III Crane Boom with Luffing Jib Attached but not Used

### LUFFING JIB ATTACHED TO BOOM AT 23 DEGREE OFFSET ANGLE

3 Counterweights + 2 Low Weights - Crawlers fully extended

#### 55' Boom

| Load Radius (ft.) | Boom Angle (deg) | Jib Length (ft) |        |        |        |        |        |        |        |        |        |        |        |        |
|-------------------|------------------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                   |                  | 50              | 60     | 70     | 80     | 90     | 100    | 110    | 120    | 130    | 140    | 150    | 160    | 170    |
| 15                | 82.0             | 90,000          | 90,000 | 88,400 | 82,200 | 76,200 | 74,900 | 73,600 | 67,000 | 60,800 | 53,300 | 47,800 | 39,600 | 32,100 |
| 16                | 80.9             | 90,000          | 90,000 | 88,400 | 82,200 | 76,200 | 74,900 | 73,600 | 67,000 | 60,800 | 53,300 | 47,800 | 39,600 | 32,100 |
| 17                | 79.8             | 90,000          | 90,000 | 88,400 | 82,200 | 76,200 | 74,900 | 73,600 | 67,000 | 60,800 | 53,300 | 47,800 | 39,600 | 32,100 |
| 18                | 78.7             | 90,000          | 86,800 | 82,400 | 76,900 | 71,800 | 70,600 | 69,400 | 63,700 | 58,200 | 51,500 | 46,700 | 39,600 | 32,100 |
| 19                | 77.7             | 81,800          | 77,100 | 72,700 | 67,400 | 62,400 | 61,400 | 60,400 | 54,600 | 49,300 | 42,900 | 38,300 | 31,500 | 25,100 |
| 20                | 76.6             | 73,400          | 69,000 | 64,800 | 59,500 | 54,900 | 53,800 | 52,600 | 47,100 | 42,100 | 35,900 | 31,500 | 24,900 | 18,700 |
| 22                | 74.4             | 60,100          | 56,000 | 52,000 | 46,900 | 42,500 | 41,500 | 40,500 | 35,200 | 30,400 | 24,600 | 20,500 | 14,300 | 8,500  |
| 24                | 72.1             | 50,000          | 46,000 | 42,300 | 37,400 | 33,200 | 32,300 | 31,300 | 26,400 | 21,800 | 16,300 | 12,300 | 6,300  |        |
| 26                | 69.9             | 42,300          | 38,300 | 34,800 | 30,200 | 26,200 | 25,300 | 24,400 | 19,600 | 15,200 | 9,900  |        |        |        |
| 28                | 67.6             | 35,900          | 32,100 | 28,600 | 24,200 | 20,200 | 19,400 | 18,500 | 13,800 | 9,700  |        |        |        |        |
| 30                | 65.3             | 30,600          | 27,100 | 23,500 | 19,400 | 15,600 | 14,700 | 13,800 | 9,400  |        |        |        |        |        |
| 32                | 62.9             | 26,400          | 22,700 | 19,600 | 15,400 | 11,600 | 10,900 | 10,100 |        |        |        |        |        |        |
| 34                | 60.4             | 22,700          | 19,100 | 16,000 | 12,100 | 8,300  | 7,600  | 6,800  |        |        |        |        |        |        |
| 36                | 57.9             | 19,400          | 16,000 | 13,000 | 9,000  |        |        |        |        |        |        |        |        |        |
| 38                | 55.3             | 16,700          | 13,400 | 10,300 | 6,600  |        |        |        |        |        |        |        |        |        |
| 40                | 52.6             | 14,300          | 11,000 | 8,100  |        |        |        |        |        |        |        |        |        |        |
| 45                | 45.2             | 9,400           | 6,600  |        |        |        |        |        |        |        |        |        |        |        |

#### 65' Boom

| Load Radius (ft.) | Boom Angle (deg) | Jib Length (ft) |        |        |        |        |        |        |        |        |        |        |        |        |
|-------------------|------------------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                   |                  | 50              | 60     | 70     | 80     | 90     | 100    | 110    | 120    | 130    | 140    | 150    | 160    | 170    |
| 17                | 81.4             | 89,300          | 89,300 | 89,300 | 85,700 | 84,000 | 82,200 | 78,400 | 72,500 | 67,000 | 60,400 | 55,500 | 48,500 | 41,800 |
| 18                | 80.5             | 89,300          | 87,300 | 82,900 | 77,600 | 76,000 | 74,500 | 70,700 | 65,000 | 59,700 | 53,500 | 48,700 | 42,100 | 35,700 |
| 19                | 79.6             | 82,000          | 77,600 | 73,400 | 68,100 | 66,500 | 65,000 | 61,500 | 56,000 | 50,900 | 44,900 | 40,300 | 33,900 | 27,700 |
| 20                | 78.7             | 73,800          | 69,400 | 65,200 | 60,400 | 58,800 | 57,300 | 54,000 | 48,700 | 43,800 | 37,900 | 33,500 | 27,300 | 21,300 |
| 22                | 76.9             | 60,600          | 56,400 | 52,400 | 47,800 | 46,400 | 44,900 | 41,800 | 36,800 | 32,100 | 26,600 | 22,700 | 16,700 | 11,200 |
| 24                | 75.0             | 50,400          | 46,500 | 42,700 | 38,300 | 37,000 | 35,700 | 32,600 | 28,000 | 23,500 | 18,300 | 14,500 | 8,800  |        |
| 26                | 73.2             | 42,500          | 38,500 | 35,200 | 30,800 | 29,600 | 28,400 | 25,500 | 20,900 | 16,700 | 11,600 | 8,100  |        |        |
| 28                | 71.3             | 36,100          | 32,600 | 29,300 | 25,100 | 23,900 | 22,700 | 19,800 | 15,400 | 11,400 | 6,600  |        |        |        |
| 30                | 69.4             | 30,800          | 27,300 | 24,000 | 20,000 | 18,800 | 17,600 | 14,900 | 10,800 | 7,000  |        |        |        |        |
| 32                | 67.4             | 26,400          | 22,900 | 19,800 | 16,000 | 14,800 | 13,600 | 11,200 | 7,000  |        |        |        |        |        |
| 34                | 65.5             | 22,700          | 19,400 | 16,300 | 12,500 | 11,400 | 10,300 | 7,900  |        |        |        |        |        |        |
| 36                | 63.5             | 19,600          | 16,300 | 13,400 | 9,700  | 8,700  | 7,700  |        |        |        |        |        |        |        |
| 38                | 61.4             | 16,700          | 13,600 | 10,800 | 7,200  |        |        |        |        |        |        |        |        |        |
| 40                | 59.3             | 14,500          | 11,400 | 8,500  |        |        |        |        |        |        |        |        |        |        |
| 45                | 53.8             | 9,400           | 6,600  |        |        |        |        |        |        |        |        |        |        |        |

#### 75' Boom

| Load Radius (ft.) | Boom Angle (deg) | Jib Length (ft) |        |        |        |        |        |        |        |        |        |        |        |        |
|-------------------|------------------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                   |                  | 50              | 60     | 70     | 80     | 90     | 100    | 110    | 120    | 130    | 140    | 150    | 160    | 170    |
| 19                | 81.0             | 82,200          | 77,800 | 73,600 | 68,500 | 67,200 | 65,900 | 62,400 | 57,100 | 52,000 | 46,300 | 41,800 | 35,500 | 29,700 |
| 20                | 80.2             | 73,600          | 69,400 | 65,400 | 60,600 | 59,300 | 57,900 | 54,600 | 49,300 | 44,700 | 39,000 | 34,800 | 28,600 | 23,100 |
| 22                | 78.7             | 60,600          | 56,600 | 52,900 | 48,200 | 47,000 | 45,800 | 42,700 | 37,900 | 33,500 | 28,200 | 24,200 | 18,500 | 13,200 |
| 24                | 77.1             | 50,400          | 46,700 | 43,200 | 38,800 | 37,700 | 36,600 | 33,500 | 28,800 | 24,600 | 19,800 | 16,000 | 10,500 |        |
| 26                | 75.5             | 42,500          | 39,000 | 35,500 | 31,500 | 30,300 | 29,100 | 26,400 | 22,000 | 18,000 | 13,200 | 9,700  |        |        |
| 28                | 73.9             | 36,100          | 32,600 | 29,300 | 25,300 | 24,200 | 23,100 | 20,500 | 16,300 | 12,500 | 7,900  |        |        |        |
| 30                | 72.3             | 30,800          | 27,500 | 24,400 | 20,500 | 19,500 | 18,500 | 15,800 | 11,900 | 8,100  |        |        |        |        |
| 32                | 70.6             | 26,600          | 23,300 | 20,200 | 16,500 | 15,500 | 14,500 | 12,100 | 8,100  |        |        |        |        |        |
| 34                | 69.0             | 22,900          | 19,600 | 16,700 | 13,200 | 12,200 | 11,200 | 8,800  |        |        |        |        |        |        |
| 36                | 67.3             | 19,600          | 16,500 | 13,600 | 10,100 | 9,100  | 8,100  |        |        |        |        |        |        |        |
| 38                | 65.6             | 16,900          | 13,800 | 11,000 | 7,700  |        |        |        |        |        |        |        |        |        |
| 40                | 63.9             | 14,500          | 11,400 | 8,800  |        |        |        |        |        |        |        |        |        |        |
| 45                | 59.4             | 9,700           | 6,800  |        |        |        |        |        |        |        |        |        |        |        |



# **Rated Loads in Pounds for CK1000-III Crane Boom with Luffing Jib Attached but not Used**

**LUFFING JIB ATTACHED TO BOOM AT 23 DEGREE OFFSET ANGLE**

3 Counterweights + 2 Low Weights - Crawlers fully extended

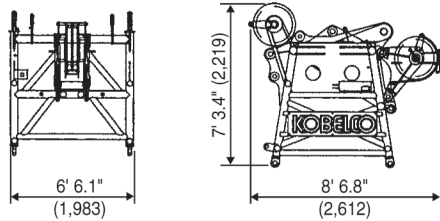
| <b>85' Boom</b>   |                  |                 |        |        |        |        |        |        |        |        |        |        |        |        |
|-------------------|------------------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Load Radius (ft.) | Boom Angle (deg) | Jib Length (ft) |        |        |        |        |        |        |        |        |        |        |        |        |
|                   |                  | 50              | 60     | 70     | 80     | 90     | 100    | 110    | 120    | 130    | 140    | 150    | 160    | 170    |
| 20                | 81.4             | 73,800          | 69,600 | 65,900 | 61,000 | 59,800 | 58,600 | 55,300 | 50,200 | 45,600 | 40,100 | 36,100 | 30,200 | 24,600 |
| 22                | 80.0             | 60,600          | 56,600 | 53,100 | 48,700 | 47,500 | 46,300 | 43,200 | 38,500 | 34,100 | 29,100 | 25,300 | 19,600 | 14,500 |
| 24                | 78.6             | 50,400          | 46,900 | 43,400 | 39,200 | 38,100 | 37,000 | 34,100 | 29,700 | 25,500 | 20,700 | 17,100 | 11,900 | 7,000  |
| 26                | 77.3             | 42,500          | 39,000 | 35,700 | 31,700 | 30,700 | 29,700 | 26,900 | 22,700 | 18,700 | 14,100 | 10,800 |        |        |
| 28                | 75.9             | 36,100          | 32,600 | 29,500 | 25,700 | 24,800 | 23,800 | 21,100 | 16,900 | 13,400 | 8,800  |        |        |        |
| 30                | 74.4             | 31,000          | 27,500 | 24,600 | 20,900 | 19,900 | 18,900 | 16,500 | 12,500 | 9,000  |        |        |        |        |
| 32                | 73.0             | 26,600          | 23,300 | 20,500 | 16,900 | 15,900 | 14,900 | 12,700 | 8,800  |        |        |        |        |        |
| 34                | 71.6             | 22,900          | 19,800 | 16,900 | 13,400 | 12,500 | 11,600 | 9,400  |        |        |        |        |        |        |
| 36                | 70.1             | 19,600          | 16,500 | 13,800 | 10,300 | 9,400  | 8,500  | 6,300  |        |        |        |        |        |        |
| 38                | 68.7             | 16,900          | 13,800 | 11,200 | 7,900  | 7,100  | 6,300  |        |        |        |        |        |        |        |
| 40                | 67.2             | 14,500          | 11,400 | 9,000  |        |        |        |        |        |        |        |        |        |        |
| 45                | 63.4             | 9,700           | 6,800  |        |        |        |        |        |        |        |        |        |        |        |
| <b>95' Boom</b>   |                  |                 |        |        |        |        |        |        |        |        |        |        |        |        |
| Load Radius (ft.) | Boom Angle (deg) | Jib Length (ft) |        |        |        |        |        |        |        |        |        |        |        |        |
|                   |                  | 50              | 60     | 70     | 80     | 90     | 100    | 110    | 120    | 130    | 140    | 150    | 160    | 170    |
| 22                | 81.1             | 60,600          | 56,600 | 53,100 | 52,000 | 50,900 | 46,700 | 43,600 | 39,000 | 34,800 | 29,700 | 26,000 | 20,500 | 15,600 |
| 24                | 79.9             | 50,400          | 46,900 | 43,400 | 42,400 | 41,400 | 37,200 | 34,600 | 30,200 | 26,200 | 21,300 | 17,800 | 12,700 | 8,100  |
| 26                | 78.6             | 42,500          | 39,000 | 35,900 | 34,900 | 33,900 | 29,900 | 27,300 | 23,100 | 19,400 | 14,900 | 11,600 | 6,600  |        |
| 28                | 77.4             | 36,100          | 32,800 | 29,700 | 28,700 | 27,700 | 24,000 | 21,600 | 17,600 | 14,100 | 9,700  | 6,600  |        |        |
| 30                | 76.1             | 30,800          | 27,700 | 24,600 | 23,800 | 22,900 | 19,400 | 16,900 | 13,200 | 9,700  |        |        |        |        |
| 32                | 74.9             | 26,400          | 23,100 | 20,200 | 19,400 | 18,500 | 15,200 | 13,000 | 9,200  |        |        |        |        |        |
| 34                | 73.6             | 22,700          | 19,600 | 16,700 | 15,900 | 15,200 | 11,900 | 9,700  |        |        |        |        |        |        |
| 36                | 72.3             | 19,600          | 16,500 | 13,800 | 13,100 | 12,300 | 9,000  | 6,800  |        |        |        |        |        |        |
| 38                | 71.0             | 16,700          | 13,600 | 11,200 | 10,300 | 9,400  | 6,300  |        |        |        |        |        |        |        |
| 40                | 69.7             | 14,100          | 11,400 | 8,800  | 8,000  | 7,200  |        |        |        |        |        |        |        |        |
| 45                | 66.4             | 9,200           | 6,600  |        |        |        |        |        |        |        |        |        |        |        |
| <b>105' Boom</b>  |                  |                 |        |        |        |        |        |        |        |        |        |        |        |        |
| Load Radius (ft.) | Boom Angle (deg) | Jib Length (ft) |        |        |        |        |        |        |        |        |        |        |        |        |
|                   |                  | 50              | 60     | 70     | 80     | 90     | 100    | 110    | 120    | 130    | 140    | 150    | 160    | 170    |
| 22                | 81.9             | 60,400          | 56,600 | 55,500 | 54,400 | 50,900 | 46,700 | 43,800 | 39,400 | 35,200 |        |        |        |        |
| 24                | 80.8             | 50,400          | 46,700 | 45,700 | 44,700 | 41,400 | 37,400 | 34,800 | 30,600 | 26,600 |        |        |        |        |
| 26                | 79.7             | 42,500          | 39,000 | 38,000 | 37,000 | 33,900 | 30,200 | 27,700 | 23,500 | 19,800 |        |        |        |        |
| 28                | 78.6             | 35,900          | 32,600 | 31,700 | 30,800 | 28,000 | 24,200 | 21,800 | 18,000 | 14,500 |        |        |        |        |
| 30                | 77.5             | 30,800          | 27,500 | 26,600 | 25,700 | 23,100 | 19,600 | 17,100 | 13,400 | 10,100 |        |        |        |        |
| 32                | 76.4             | 26,400          | 23,300 | 22,400 | 21,600 | 18,900 | 15,600 | 13,400 | 9,700  | 6,600  |        |        |        |        |
| 34                | 75.2             | 22,700          | 19,800 | 18,900 | 18,000 | 15,400 | 12,300 | 10,100 | 6,600  |        |        |        |        |        |
| 36                | 74.1             | 19,400          | 16,500 | 15,700 | 14,900 | 12,300 | 9,200  | 7,200  |        |        |        |        |        |        |
| 38                | 72.9             | 16,500          | 13,600 | 12,800 | 12,100 | 9,700  | 6,600  |        |        |        |        |        |        |        |
| 40                | 71.8             | 14,300          | 11,400 | 10,800 | 10,100 | 7,700  |        |        |        |        |        |        |        |        |
| 45                | 68.8             | 9,200           | 6,600  |        |        |        |        |        |        |        |        |        |        |        |
| <b>115' Boom</b>  |                  |                 |        |        |        |        |        |        |        |        |        |        |        |        |
| Load Radius (ft.) | Boom Angle (deg) | Jib Length (ft) |        |        |        |        |        |        |        |        |        |        |        |        |
|                   |                  | 50              | 60     | 70     | 80     | 90     | 100    | 110    | 120    | 130    | 140    | 150    | 160    | 170    |
| 24                | 81.6             | 50,400          | 49,300 | 48,200 | 44,900 |        |        |        |        |        |        |        |        |        |
| 26                | 80.6             | 42,500          | 41,500 | 40,500 | 37,200 |        |        |        |        |        |        |        |        |        |
| 28                | 79.6             | 36,100          | 35,100 | 34,100 | 31,000 |        |        |        |        |        |        |        |        |        |
| 30                | 78.6             | 30,800          | 29,900 | 29,100 | 26,000 |        |        |        |        |        |        |        |        |        |
| 32                | 77.6             | 26,400          | 25,600 | 24,900 | 21,800 |        |        |        |        |        |        |        |        |        |
| 34                | 76.5             | 22,400          | 21,700 | 20,900 | 18,000 |        |        |        |        |        |        |        |        |        |
| 36                | 75.5             | 19,400          | 18,700 | 18,000 | 15,200 |        |        |        |        |        |        |        |        |        |
| 38                | 74.5             | 16,500          | 15,800 | 15,200 | 12,300 |        |        |        |        |        |        |        |        |        |
| 40                | 73.4             | 14,100          | 13,400 | 12,700 | 10,100 |        |        |        |        |        |        |        |        |        |
| 45                | 70.8             | 9,200           | 8,500  | 7,900  |        |        |        |        |        |        |        |        |        |        |

# Specifications of Luffing Jib Attachments ROBELO

Dimensions: ft-in (mm) - Weight: lbs (kg)

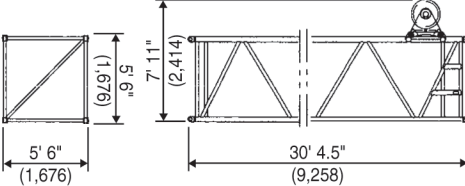
## Luffing Boom Tip (Includes pin connected boom point sheave)

Weight: 2,580 lbs (1,170 kg)



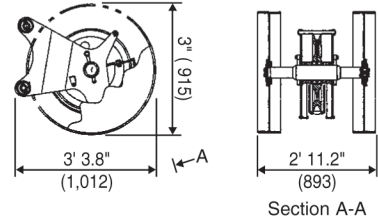
## 30 ft (9.1 m) Special Insert Boom

Weight: 2,560 lbs (1,160 kg)



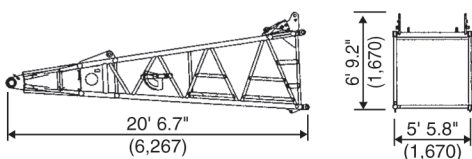
## Auxiliary Sheave

Weight: 840 lbs (380 kg)



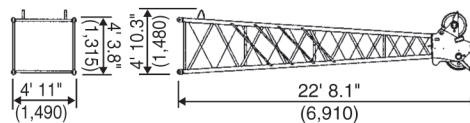
## Luffing Boom Base

Weight: 3,400 lbs (1,540 kg)



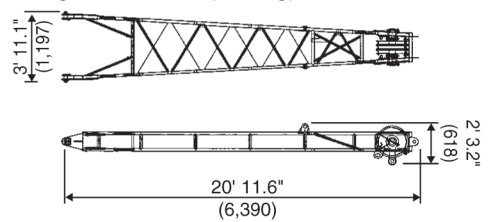
## \*Jib Tip

Weight: 2,580 lbs (1,170 kg)



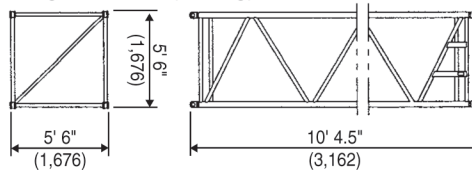
## Front Strut

Weight: 1,160 lbs (527 kg)



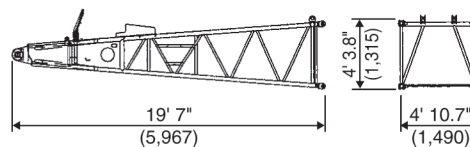
## 10 ft (3.0 m) Insert Boom

Weight: 870 lbs (395 kg)



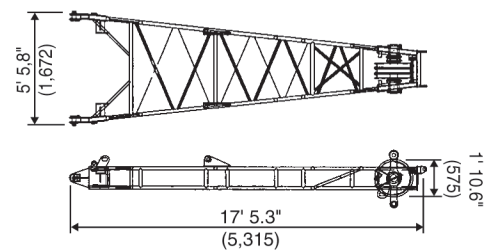
## Jib Base

Weight: 1,900 lbs (863 kg)



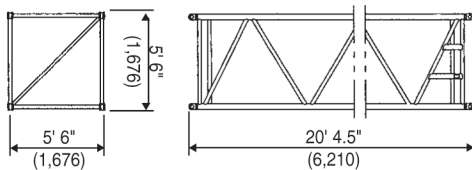
## Rear Strut

Weight: 1,215 lbs (550 kg)



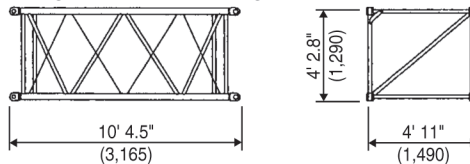
## 20 ft (6.1 m) Insert Boom

Weight: 1,470 lbs (665 kg)



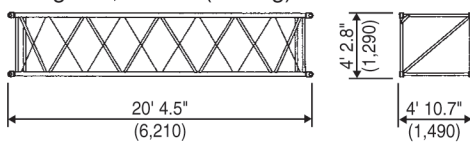
## \*10 ft (3.0 m) Insert Jib

Weight: 685 lbs (310 kg)



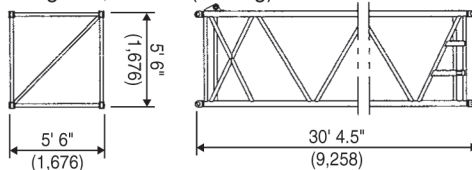
## \*20 ft (6.1 m) Insert Jib

Weight: 1,150 lbs (520 kg)



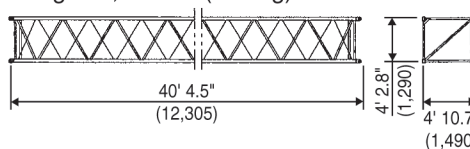
## 30 ft (9.14 m) Insert Boom

Weight: 2,060 lbs (935 kg)



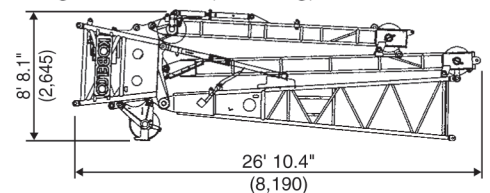
## \*40 ft (12.2 m) Insert Jib

Weight: 2,120 lbs (960 kg)



## Luffing Boom Tip Assembly (For transportation)

Weight: 7,720 lbs (3,500 kg)



\* Denotes parts common to straight crane booms.

Note: Luffing jib winch (also used as 3rd winch) weighs 5,080 lbs (2,300 kg) including wire rope.

# CK1000-III

## Lifting Jib

*Note: Due to our policy of continual product improvement, all designs and specifications are subject to change without advance notice. Pictures inside this publication may show machines with optional equipment. This manual and the specifications herein were prepared for the market served by Kobelco Cranes North America Inc., including North America and Latin America. Kobelco product specifications in other world markets may differ.*

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