

KOBELCO

Hydraulic Crawler Crane

CK2750G-3

Max. Lifting Capacity - Crane : 275 US Tons
Max. Crane Boom Length : 300 ft
Max. Fixed Jib Combination : 250 ft + 100 ft

Max. Lifting Capacity - Luffing : 176,300 lbs
Max. Luffing Boom Length : 200 ft
Max. Luffing Jib Length : 200 ft

PRELIMINARY



CK2750G-3

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CK2750G-3 SPECIFICATIONS

General Description



| | |
|--|--|
| <i>Type</i> | Crawler mounted, Lattice boom, Hydraulic controlled |
| <i>Maximum lift capacity</i> | 550,000 lbs (249,479 kg) @ 15' operating radius (50' boom) |
| <i>Basic boom length</i> | 50' (15.2 m) |
| <i>Maximum boom length</i> | 300' (91.4 m) |
| <i>Basic boom & fixed jib length</i> | 90' + 40' (27.4 m + 12.2 m) |
| <i>Maximum boom & fixed jib length</i> | 250' + 100' (76.2 m + 30.5 m) |
| <i>Working weight</i> | Approx. 485,155 lbs (220,100 kg) |
| <i>Ground bearing pressure</i> | Approx. 14.9 psi (102.8 kPa) |
| <i>Gradeability</i> | 30% |

Calculations to determine working weight, ground bearing pressure, and gradeability include the weight of the upper and lower works of the crane, counterweights, and carbody weights, 50' boom and hook block.

General Dimensions

| | |
|--|------------------|
| <i>Width of upper machine w/operator's cab</i> | 9' 10" (2.99 m)* |
| <i>Radius of rear end (counterweights)</i> | 19' 8" (6.00 m) |
| <i>Counterweight ground clearance</i> | 4' 10" (1.48 m) |
| <i>Center of rotation to boom foot pin</i> | 4' 7" (1.40 m) |
| <i>Height from ground to boom foot pin</i> | 8' 4" (2.53 m) |
| <i>Height over gantry (raised)</i> | 18' 2" (5.53 m) |
| <i>Overall length of crawlers</i> | 29' 5" (8.97 m) |
| <i>Overall width of crawlers</i> | 25' 4" (7.73 m) |
| <i>Center to center, idler to sprocket</i> | 25' 11" (7.90 m) |
| <i>Shoe width</i> | 4' 4" (1.33 m) |
| <i>Ground clearance of body</i> | 1' 5" (0.43 m) |

Working Speed

| | |
|---|--|
| <i>Hoist line speed (front and rear drums)</i> | 360 to 10 ft/min (110 to 3 m/min) |
| <i>Lowering line speed (front and rear drums)</i> | 360 to 10 ft/min (110 to 3 m/min) |
| <i>Boom hoist line speed</i> | 72 to 6.6 ft/min x 2 (22 to 2 m/min x 2) |
| <i>Boom lowering line speed</i> | 72 to 6.6 ft/min x 2 (22 to 2 m/min x 2) |
| <i>Swing speed (max.)</i> | 2.2 rpm (2.2 min ⁻¹) |
| <i>Travel speed (high/low)</i> | 0.69/0.44 mph (1.0/0.5 km/h) |

Line speed based on single line, no load, and first layer of rope on the drum.

Upper Machinery

Power Plant :

Diesel engine - make and model

| | |
|-------------------------------|--|
| | ISUZU 6UZ1 (Tier 4 Final) |
| <i>No. of cylinders</i> | 6 |
| <i>Bore X stroke</i> | 120 mm × 145 mm |
| <i>Cycles</i> | 4 |
| <i>Total displacement</i> | 600 cu.in. (9.839 L) |
| <i>Rated output SAE GROSS</i> | 362 HP / 2,000 rpm (270 kW / 2,000 min ⁻¹) |
| <i>Maximum torque</i> | 1,058 lbs-ft / 1,500 rpm (1,435 Nm / 1,500 min ⁻¹) |
| <i>Starter</i> | 24 Volts / 5.5 kW |
| <i>Alternator</i> | 24 Volts / 90 Amp |
| <i>Batteries</i> | Two 12 volt, 136 AH/5 HR capacity series connected. |
| <i>Radiator</i> | Corrugated type core, thermostatically controlled, with cleanout screen. |
| <i>Throttle</i> | Twist grip type hand throttle, electrically controlled, in conjunction with floor mounted pedal. |
| <i>Air cleaner</i> | Dry type with replaceable paper element. |
| <i>Fuel tank capacity</i> | 106 US gal. (400 L) |
| <i>Lube oil filters</i> | Full flow and by-pass type with element cartridge type. |
| <i>Fuel filter</i> | Replaceable cartridge element. |



* 10'5" wide with step on cab side only.
11' wide with step on both sides.



Self Lifting Device - Standard Equipment

Counterweight and Carbody weight

| | |
|---------------------|----------------------------|
| Counterweight Base | 1 × 34,260 lbs (15,540 kg) |
| Counterweight (R) | 7 × 11,885 lbs (5,390 kg) |
| Counterweight (L) | 7 × 11,885 lbs (5,390 kg) |
| Total Counterweight | 200,650 lbs (91,000 kg) |

| | |
|----------------------|---------------------------|
| Carbody weight base | 2 × 18,235 lbs (8,270 kg) |
| Carbody weight | 2 × 11,885 lbs (5,390 kg) |
| Total Carbody weight | 60,240 lbs (27,320 kg) |



Hydraulic system

Maximum pressure rating
4,626 psi (31.9 MPa)

Cooling
Oil to air heat exchanger

Filtration
Full flow filters with replaceable paper elements

Oil Quantity (at the reference level)
145.3 US gal. (550 L)

Hydraulic pumps :

Load hoist and propel

2 piston pumps, max flow rate
69.5 US gal/min x 2 (263 L/min x 2)

Boom hoist

1 piston pump, max flow rate
89.3 US gal/min (338 L/min)

Swing

1 piston pump, max flow rate
89.3 US gal/min (338 L/min)

Control system and auxiliary

2 gear pumps, max flow rate
16 US gal/min + 11 US gal (61 L/min + 40 L/min)

Brake cooling system

2 gear pumps, max flow rate
19 US gal/min x 2 (73 L/min x 2)

Live Mast

The heavy duty live mast enhances lifting capabilities, and is fitted with a point sheave that facilitates crane self-erection operations.

Operator's cab

Totally enclosed from weather, this full-vision cab has safety glass all around. The adjustable, high-backed seat with armrest is capable of adjustment with or without the control console. Auxiliary controls and instruments are on a side mounted console. A signal horn, windshield wipers, air conditioner / heater, storage compartment for manuals, and swing limiter are all standard features.

Controls

At the operator's right are console-mounted short levers for the front and rear drum and the boom hoist control with individual drum speed dial adjust trimmer of front, rear, and boom drums. Fine inching control switch on boom hoist lever and LMI screen. Free fall activation switches are built in to the levers. Beside the seat on the right are two short levers for propel control. At the left is the console-mounted swing lever, an optional third drum control, switches for the front, rear, and boom drum pawls, and the engine start/stop key. A swing brake control switch and signal horn button are on the swing lever.

Swing :

Swing unit

Hydraulic motor driving spur gears through planetary reducers to output swing pinion for 360 degree rotation. There are three swing options : Free fast, free slow, and auto brake.

Swing brake

Spring set hydraulically released multiple disk brake mounted on swing motor.

Swing circle

Single row ball bearing with an integral internally cut swing gear.

Swing lock

Manual, 4 position lock for transportation.

CK2750G-3 SPECIFICATIONS



Free fall function (optional) :

Max. line pull (single line) - 56,700 lbf (252 kN)

Rated line pull - 29,700 lbf (132 kN)

Front drum :

Front and rear drums for load hoist powered by hydraulic variable plunger motors, driven through planetary reducers.

Negative brake

A spring-set, hydraulically released multiple disk brake is mounted on the hoist motor and operated through a counter-balance valve.

Drum lock External ratchet for locking drum

Drums :

Front drum (non free fall) -

Max. line pull (single line) - 57,100 lbf (254 kN)

Rated line pull - 29,500 lbf (132 kN)

618 mm P.C.D. x 864 mm Lg., grooved for 26 mm wire rope. Rope capacity is 1,509' (460 m) working length and 1,673' (510 m) storage length.

Rear drum (non free fall) -

Max. line pull (single line) - 57,100 lbf (254kN)

Rated line pull - 29,500 lbf (132 kN)

618 mm P.C.D. x 864 mm Lg., grooved for 26 mm wire rope. Rope capacity is 1,280' (390 m) working length and 1,673' (510 m) storage length.

Third drum (optional) -

462 mm P.C.D. x 522 mm Lg., grooved for 22 mm wire rope. Rope capacity is 869' (265 m) working length and 986' (277 m) storage length.

Lower Machinery

Crawlers :

Crawler assemblies are designed with a quick disconnect, hook and pin feature for easy individual removal as a unit from axles. Crawler belt tension adjusted with hydraulic jack and maintained by shims between the idler block and frame.

Crawler drive :

The independent two speed hydraulic propel drive is built into each crawler side frame. Each drive consists of a hydraulic motor driving a propel sprocket through a planetary gear box. The hydraulic motor and gear box are built into the crawler side frame within the shoe width.

Crawler brakes :

Spring set, hydraulically released, multiple disk-type parking brakes are built into each propel drive.

Steering mechanism :

A hydraulic propel system provides both skid steering and counter rotating steering.

Crawler shoe :

68 shoes - 52" wide, each crawler.

Track rollers :

The track rollers are sealed for maintenance free operation. Upper rollers also assisted by bolt on track wear slides.



Crane Attachments

Boom :

The welded lattice construction uses tubular, high-tension steel chords with pin connections between sections.

| | |
|----------------------------|---------------|
| <i>Maximum boom length</i> | 300' (76.2 m) |
| <i>Basic boom length</i> | 50' (15.2 m) |
| <i>Boom base section</i> | 25' (7.6 m) |
| <i>Boom tip section</i> | 25' (7.6 m) |

Boom insert (optional) :

Optional boom inserts are available to provide extension capabilities. They are robotic welded, laser aligned, lattice constructed with tubular, high-tension steel chords and pin connections. Each insert features boom pin holders, pendant line transport holders, catwalks, and lift lugs for rigging straps.

Boom insert

10' (3.0 m), 20' (6.1 m), 40' (12.2 m)

Fixed jib (optional) :

Jib inserts are available to provide extension capabilities. The optional jib employs welded lattice construction with tubular, high-tension steel chords with pin connections between sections.

| | |
|---------------------------|--------------------------|
| <i>Maximum jib length</i> | 100' (30.5 m) |
| <i>Basic jib length</i> | 40' (12.2 m) |
| <i>Jib base section</i> | 15' (4.6 m) |
| <i>Jib tip section</i> | 15' (4.6 m) |
| <i>Jib insert</i> | 10' (3.0 m), 20' (6.1 m) |

Jib is useable on booms of 90' (27.4 m) through 250' (76.2 m)

Standard Equipment

Lights :

- Two (2) front flood lights
- One (1) cab inside light

Gauges and warning display :

Gauges

- One (1) tachometer
- One (1) hour meter
- One (1) fuel gauge
- One (1) water temperature
- One (1) DEF gauge

Warning display

- Battery charge
- Engine oil pressure
- Air cleaner
- Engine oil filter
- Control main pressure
- Hydraulic oil temperature

Others :

- Air conditioner / heater
- Drum turn indicator (front / rear)
- Foot pedal / throttle / boom hoist

- Electric fuel tank transfer pump
- Counterweight self-removal device
- KCROSS (Telematics)
- Anemometer
- Translifters
- Live Mast - Useable for crane self-assembly
- USB port in cab
- Radio with Bluetooth®
- Cigar lighter socket -
- 12 V auxiliary power outlet - in cab

Safety Service

- Function lock lever
- Boom over hoist limit switch
- Signal horn
- Front / rear hoist drum lock
- Swing Limiter (Buzzer, lamps, or stops)
- Overload prevention device (LMI)
- Hook over hoist shut off (Anti-two-block)
- Boom angle indicator
- Travel alarm
- Boom hoist drum lock
- Boom hoist camera and monitor



Auxiliary sheave (optional) :

Auxiliary sheave is extendible on booms of 50' (15.2 m) through 290' (88.4 m)

Maximum line : 2 parts of 26 mm wire rope.

Boom hoist reeving :

Sixteen (16) parts of 26.0 mm diameter high strength wire rope.

Boom backstops :

Telescopic type with spring bumper

Safety Service (cont)

- Boom hoist drum lock
- Swing locks, anti drift, and mechanical
- Boom backstops
- Boom catwalks w / fall protection
- Upper machinery step, handrails and ladder

Tools and Accessories

A set of tools and manuals are furnished.

Optional Equipment

- Third drum
- Hook block
- Hook ball
- Auxiliary sheave
- Fixed jib
- Luffing jib
- Boom inserts
- Free fall winches

CK2750G-3 G-MODE

The G-Modes are a standard exclusive energy and fuel saving system. The G-Mode eliminates needless operations and engine functions allowing for reduced fuel consumption by using three basic modes that are all operator selectable.

Auto Idling Stop Mode (AIS) :

An Industry First

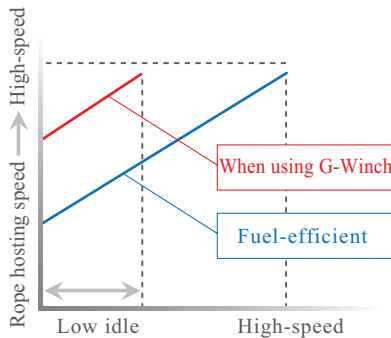
The AIS mode can conserve fuel by stopping the engine, with an operator prompt, after 10 seconds of idling time. Restarting the engine is simple by just twisting the throttle.



G-Winch Mode :

An Industry First

The G-Winch mode can produce maximum winch line speed at a low engine RPM.



The high speed mode allows the line to be raised or lowered at maximum line speed without raising engine speed when lifting without a load.

G-Engine Mode :

An Industry First

The G-Engine mode limits maximum engine speed to approx. 1,500 RPM and controls the pumps to make engine operation in the most efficient condition.



G-Winch



G-Engine



AIS



SCR System

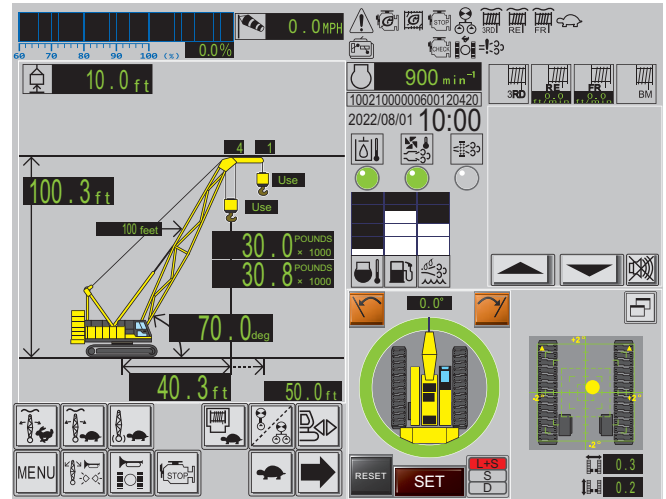
This machine is equipped with the SCR system. The SCR system is used to reduce emission of NOx (nitrogen oxide) from the engine. The SCR system decomposes NOx contained in exhaust gas into water and nitrogen by spraying DEF/ AdBlue® into the muffler. This means that the exhaust gas from the diesel engine is cleaner, conforming with current EPA Tier 4 Final regulations.

This system requires the use of low sulfur diesel.

*Warning : High sulfur diesel will damage the engine.

CK2750G-3 LOAD MOMENT INDICATOR (LMI)

The KOBELCO designed 12" touch panel screen with sunshade and screen protector is an industry first. This intuitive and easy to understand new touch screen monitor gives the operator a full display of essential data. Universal pictograms are used providing easy visual recognition, making this new technology easy to read and understand the information. This new monitor includes : hook height, engine speed, display lamp of standard functions, gauges, over-swing prevention device, maximum load radius, switches, and error messages. Load charts include standard boom, fixed jib, reduced counterweight, clamshell, barge, luffing boom, and luffing jib.

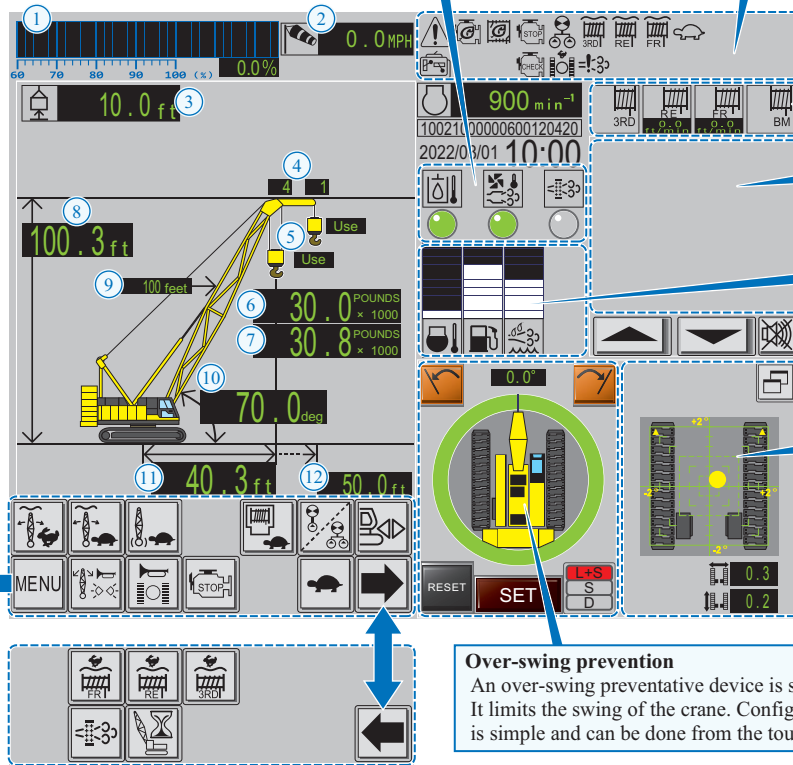


Hydraulic oil temperature lamp
Exhaust system cooling call lamp
SCR Refresh Error Lamp

Display lamp

- Engine warning lamp
- G-Engine indication lamp
- G-Winch indication lamp
- Auto Idle stop indication lamp
- Confluence indication lamp
- Front drum free fall indication lamp
- Rear drum free fall indication lamp
- Third drum free fall indication lamp
- Inching speed lamp
- Remote control connection lamp
- Engine system error lamp
- Travel speed lamp
- SCR system error lamp

- ① Moment ratio indicator
- ② Wind speed indicator
- ③ Hook height
- ④ Front & Rear No. of part line
- ⑤ Main & Aux. hook type
- ⑥ Actual load
- ⑦ Rated load
- ⑧ Point height
- ⑨ Boom length
- ⑩ Boom angle
- ⑪ Working radius
- ⑫ Max. working radius



- Boom drum rotation lamp
- Front drum rotation lamp
- Rear drum rotation lamp
- Third drum rotation lamp (optional)

Error message
Touch to display details in a pop-up window.

Gauges
Engine coolant temperature gauge
Fuel bar gauge
Def/adblue® bar gauge
* Figures for the above gauges are only shown when the bar is touched.

Ground incline indicator (optional)
This device is to detect inclination of the crane against the ground to indicate and issue warning.

Over-swing prevention
An over-swing preventative device is standard. It limits the swing of the crane. Configuration is simple and can be done from the touch panel.

Main menu

| | | |
|----------------------|--|-----------------|
| Crane config. | | Adjustment mode |
| Angle/radius Limiter | | Service mode |
| Self check Mode | | |

CK2750G-3

WINCH PERFORMANCE DATA

Note :

Line speed and line pull based on ISUZU 6UZ1 at 2,000 rpm.

Line speed and line pull based on single line.

Max. line pull is based on referential performance, not wire rope strength.

Front & Rear Drum (free fall) (optional)

Wire Rope Diameter = See spec in chart below

Rated Line Pull = 29,700 lbf (132 kN)

Maximum Line Pull = 56,700 lbf (252 kN)

Total Storage Capacity = 1,679 ft (511.8 m)

| | | Line speed (ft / min) | | | | | | | |
|-----------------------|--------|-----------------------|-----|-----|-----|-----|--------------|--------------|---|
| | | Layer | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Line Pull (lbf) | 0 | 361 | 387 | 413 | 438 | 464 | | | |
| | 5,000 | 361 | 387 | 413 | 440 | 463 | | | |
| | 10,000 | 361 | 387 | 413 | 440 | 463 | | | |
| | 15,000 | 361 | 387 | 413 | 440 | 463 | | | |
| | 20,000 | 300 | 300 | 300 | 300 | 300 | | | |
| | 25,000 | 240 | 240 | 240 | 240 | 240 | storage only | storage only | |
| | 29,700 | 202 | 202 | 202 | 203 | 203 | | | |
| | 35,000 | 174 | 174 | 174 | 175 | 158 | | | |
| | 40,000 | 166 | 152 | 134 | 117 | 107 | | | |
| | 45,000 | 123 | 105 | 95 | | | | | |
| | 50,000 | 90 | | | | | | | |
| Storage Capacity (ft) | | 197 | 212 | 226 | 240 | 254 | 268 | 282 | |

Third Drum (for Load hoist)

Wire Rope Diameter = See spec in chart below

Rated Line Pull = 20,000 lbf (88 kN)

Maximum Line Pull = 35,600 lbf (158 kN)

Total Storage Capacity = 912 ft (277.9 m)

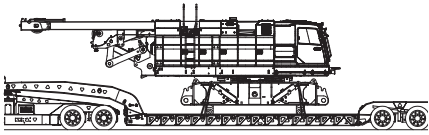
| | | Line speed (ft / min) | | | | | | | |
|-----------------------|--------|-----------------------|-----|-----|-----|-----|--------------|--------------|---|
| | | Layer | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Line Pull (lbf) | 0 | 177 | 192 | 206 | 220 | 235 | | | |
| | 5,000 | 178 | 192 | 206 | 220 | 234 | | | |
| | 10,000 | 176 | 189 | 203 | 217 | 231 | | | |
| | 15,000 | 174 | 187 | 201 | 214 | 227 | storage only | storage only | |
| | 20,000 | 172 | 185 | 198 | 198 | 191 | | | |
| | 25,000 | 158 | 152 | 153 | 154 | 153 | | | |
| | 30,000 | 128 | 128 | 126 | | | | | |
| | 35,000 | 108 | | | | | | | |
| Storage Capacity (ft) | | 105 | 113 | 122 | 130 | 139 | 147 | 156 | |

Wire Rope Specifications

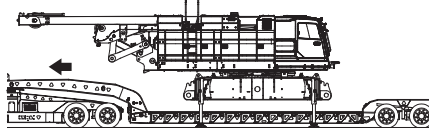
| Use | Construction | No load diameter | Length | Safety factor | Breaking strength |
|--|--|--|-------------------|---------------|-------------------------|
| Front drum | U3 × SeS (48) Right-hand Regular lay | 1.050" to 1.065" (26.68mm to 27.04mm) | 1,509ft (460m) | 3.5 : 1 | 135,110 lbf (601 kN) |
| Rear drum | U3 × SeS (48) Right-hand Regular lay | 1.050" to 1.065" (26.68mm to 27.04mm) | 1,280ft (390m) | 3.5 : 1 | 135,110 lbf (601 kN) |
| Boom hoist drum (Luffing boom hoist) | IWRC 6 × P·WS (31) Right-hand Regular lay | 1.052" to 1.067" (26.73mm to 27.09mm) | 935ft (285m) | 3.5 : 1 | 124,544 lbf (554 kN) |
| Boom hoist drum (Luffing boom hoist) (optional) | IWRC 8 × P·S (19) Right-hand Regular lay | 1.052" to 1.067" (26.73mm to 27.09mm) | 935ft (285m) | 3.5 : 1 | 124,544 lbf (554 kN) |
| Third drum (optional) | IWRC 6 × Fi (29) Right-hand Regular lay | 0.888" to 0.905" (22.55mm to 22.99mm) | 869ft (265m) | 3.5 : 1 | 81,606 lbf (363 kN) |
| Luffing jib hoist | IWRC 6 × P·WS (31) Right-hand Regular lay | 0.893" to 0.905" (22.68mm to 22.99mm) | 870ft (265m) | 3.5 : 1 | 89,250 lbf (397 kN) |
| Luffing jib hoist (optional) | IWRC 8 × P·S (19) Right-hand Regular lay | 0.893" to 0.905" (22.68mm to 22.99mm) | 870ft (265m) | 3.5 : 1 | 89,250 lbf (397 kN) |

CK2750G-3 SELF-ASSEMBLY PROCEDURE

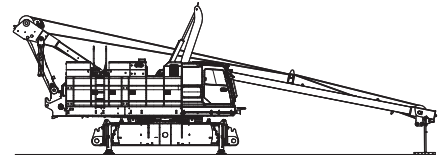
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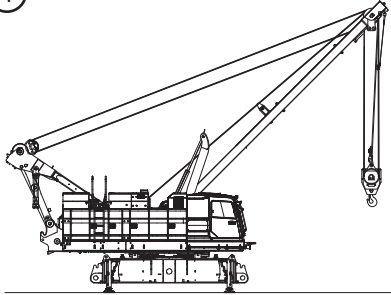
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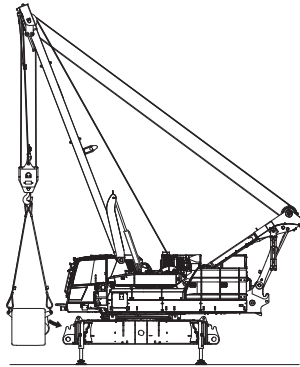
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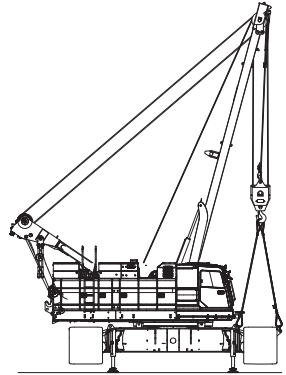
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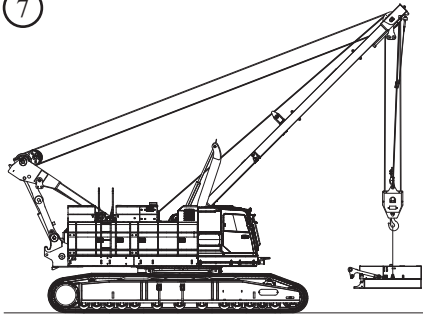
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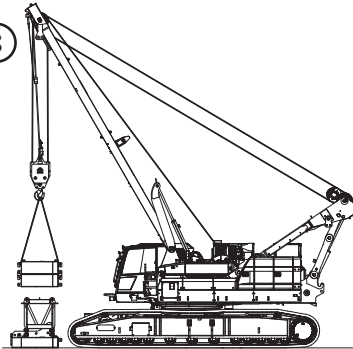
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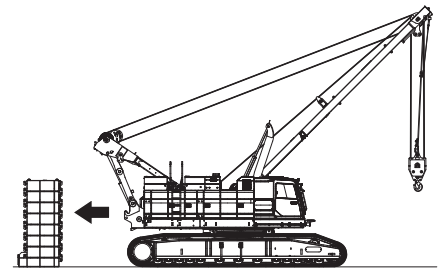
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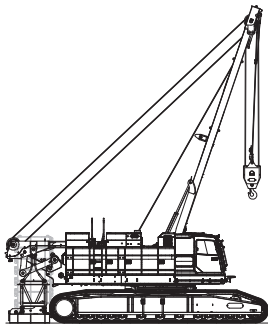
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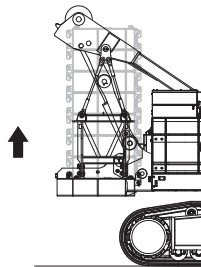
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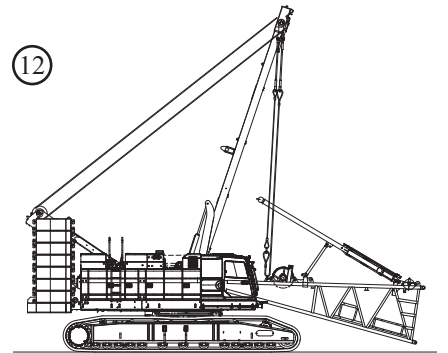
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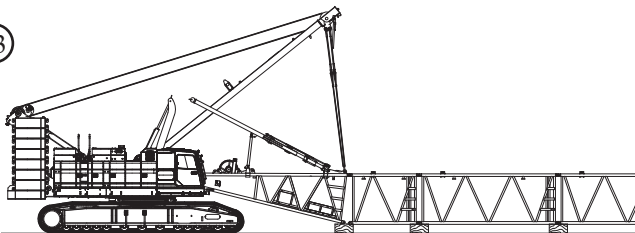
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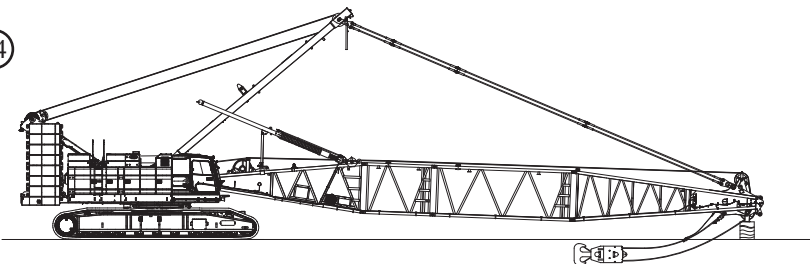
⑫



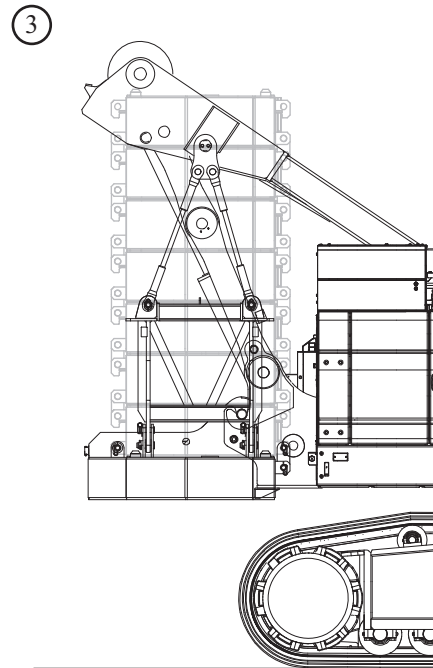
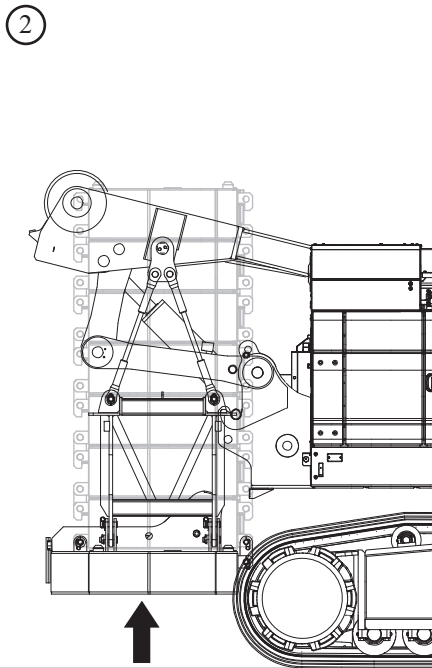
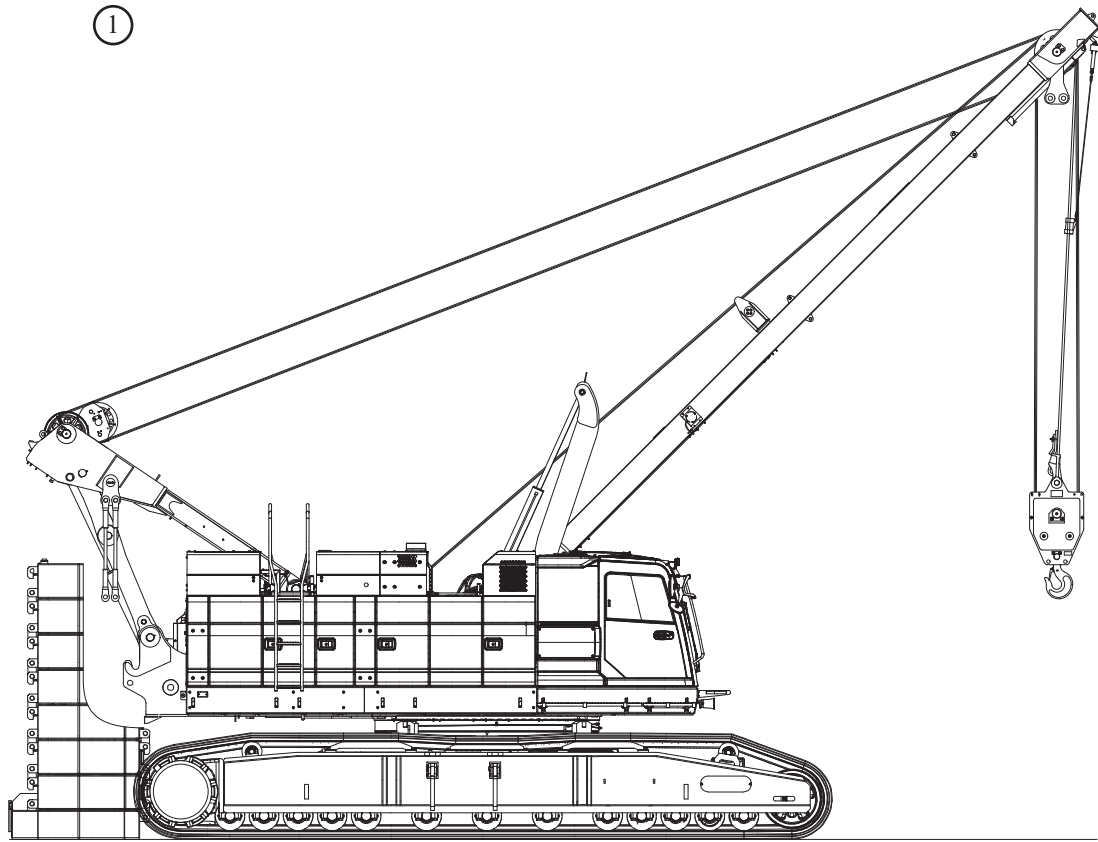
⑬



⑭

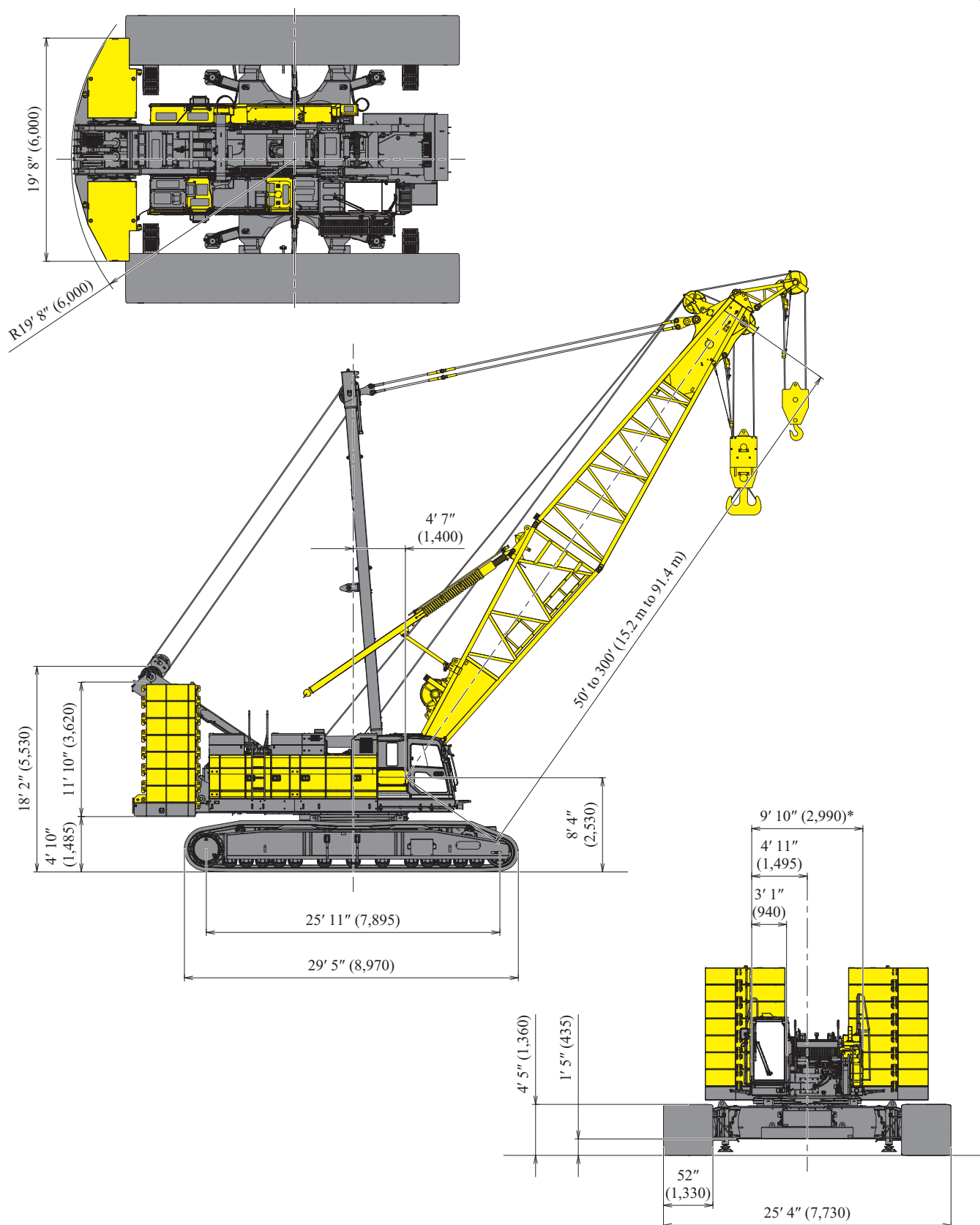


CK2750G-3 COUNTERWEIGHT SELF REMOVAL DEVICE



Crane Boom

Unit : ft (mm)

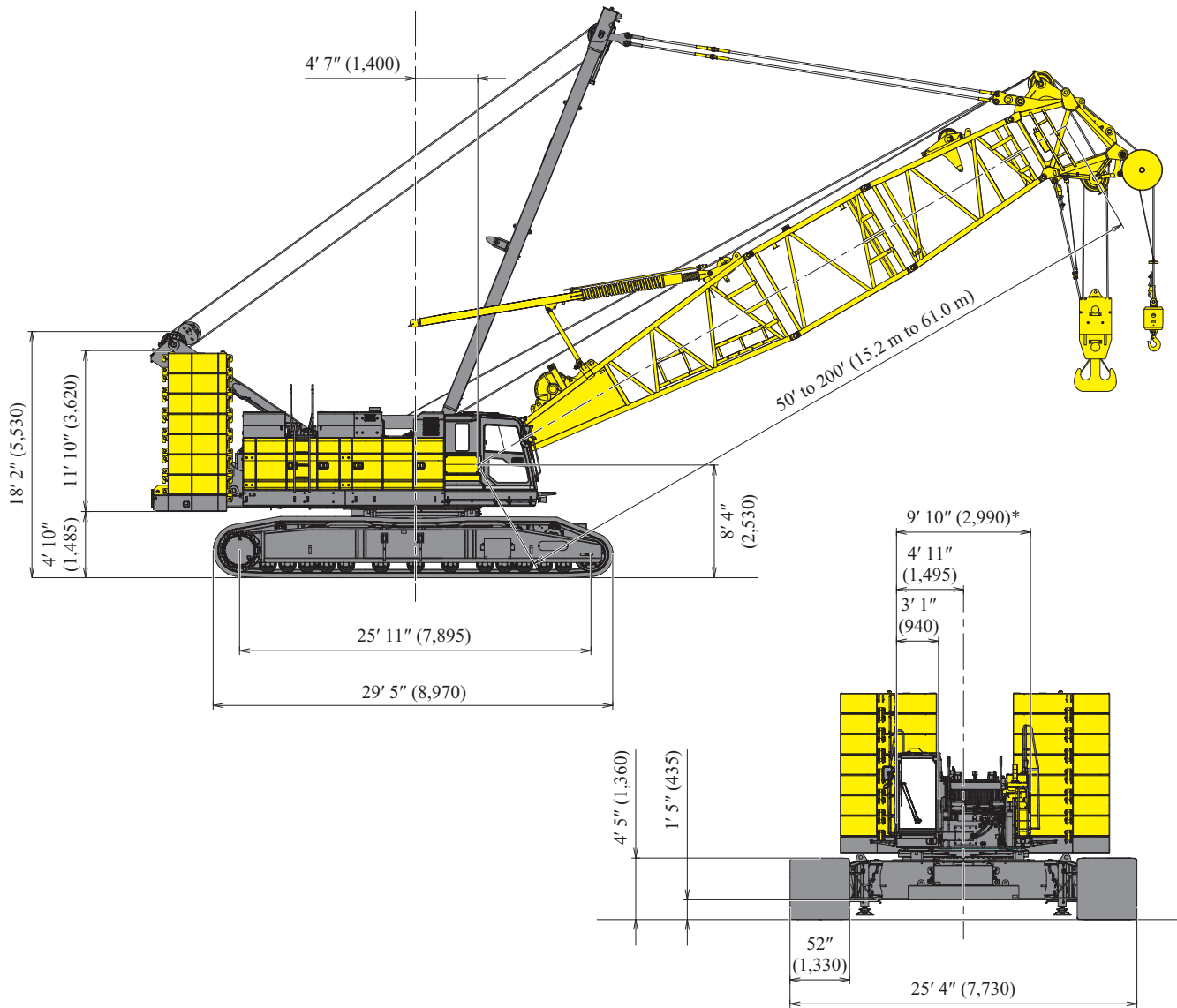
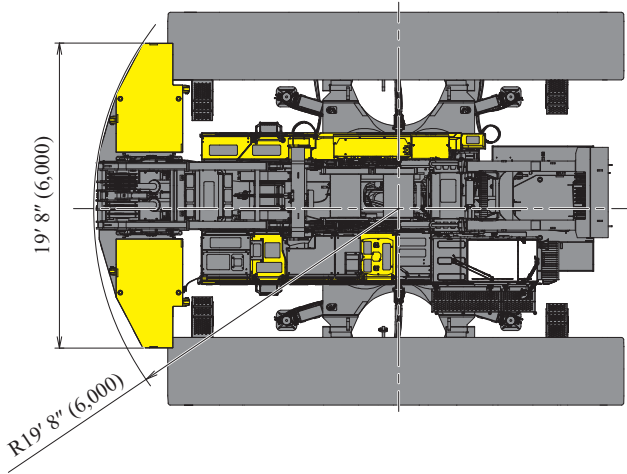


* 10' 5" wide with step on cab side only.
11' wide with step on both sides.

CK2750G-3 CRANE - GENERAL DIMENSIONS

Crane with Luffing Boom Tip

Unit : ft (mm)



* 10' 5" wide with step on cab side only.
11' wide with step on both sides.

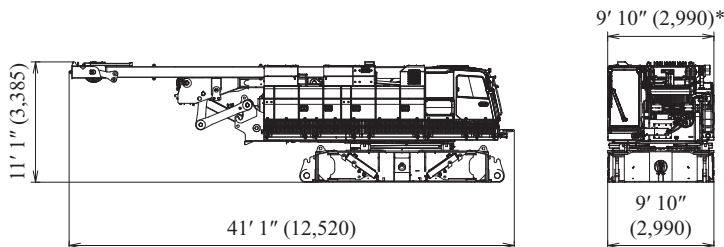
CK2750G-3 CRANE - DIMENSIONS & WEIGHT

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

Base Machine - 1

Weight: 101,475 lbs (46,030 kg)

- Gantry○
- Mast○
- Wire rope Front.....○
- Rear○
- Boom.....○
- Step○
- Translifter.....○



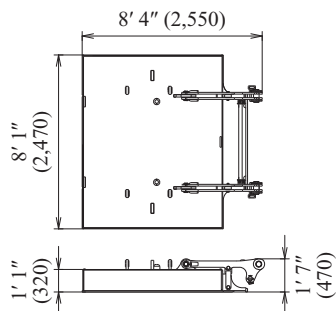
○ : With
× : Without

* 10' 5" wide with step on cab side only.
11' wide with step on both sides.

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

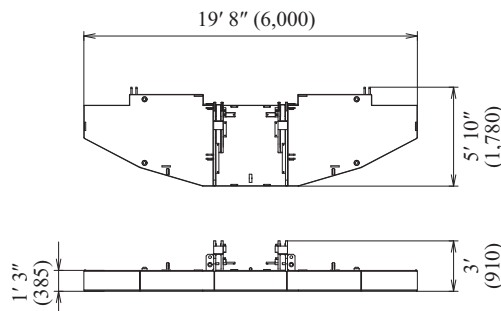
Carbody Weight (Base) (with link)

Weight: 18,235 lbs (8,270 kg)



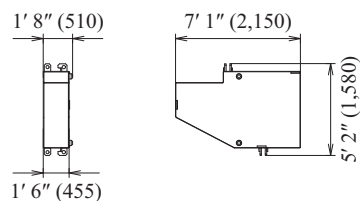
Counterweight Base (with hanger)

Weight: 34,260 lbs (15,540 kg)



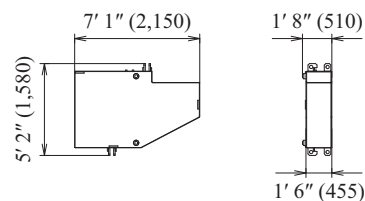
Left Side Counterweight

Weight: 11,885 lbs (5,390 kg)

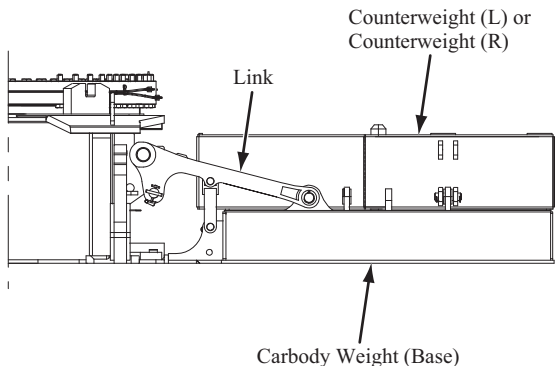


Right Side Counterweight

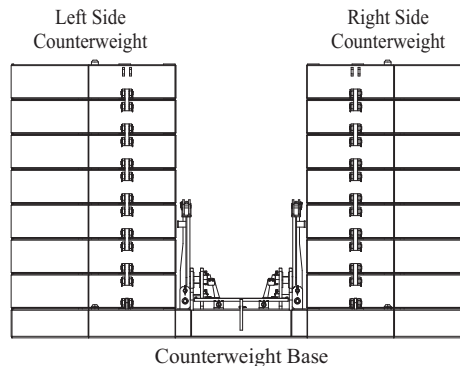
Weight: 11,885 lbs (5,390 kg)



Carbody Weight Assembly



Counterweight Assembly

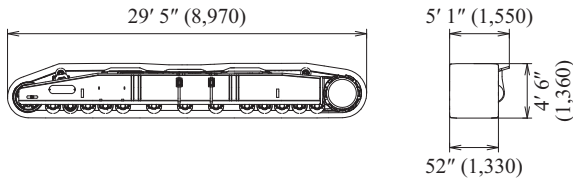


CK2750G-3 CRANE - DIMENSIONS & WEIGHT

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

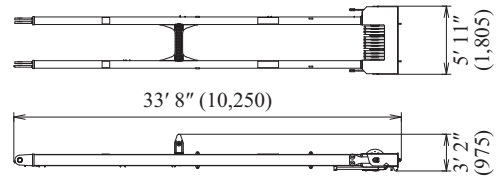
Crawler

Weight: 53,230 lbs (24,145 kg)



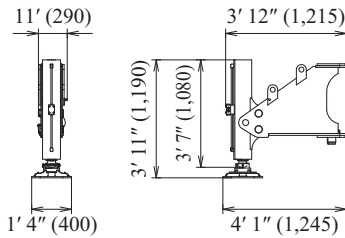
Mast

Weight: 7,055 lbs (3,200 kg)



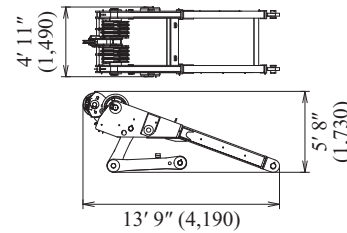
Translifter

Weight: 860 lbs (390 kg)



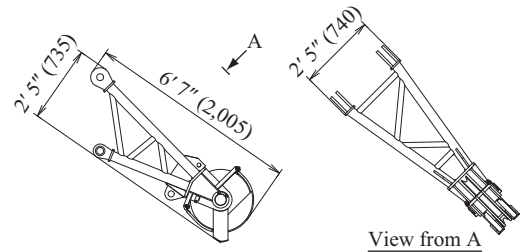
Gantry

Weight: 6,700 lbs (3,038 kg)



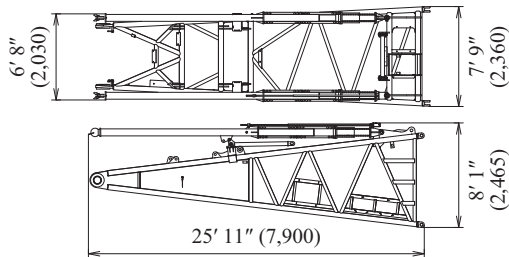
Auxiliary Sheave

Weight: 610 lbs (290 kg)



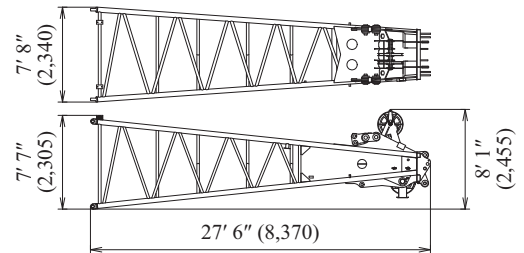
Boom Base (with backstop)

Weight: 10,335 lbs (4,690 kg)



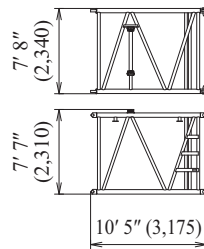
Boom Tip

Weight: 8,080 lbs (3,665 kg)



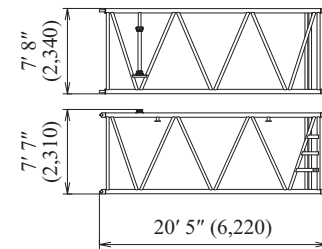
10 ft (3.0 m) Boom Insert (with guy line)

Weight: 1,965 lbs (890 kg)



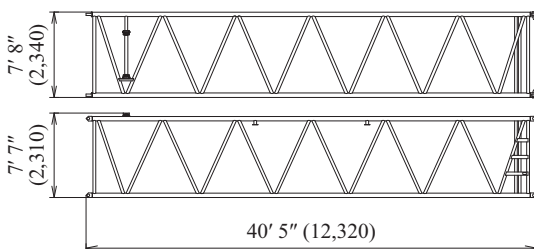
20 ft (6.1 m) Boom Insert (with guy line)

Weight: 3,175 lbs (1,440 kg)



40 ft (12.2 m) Boom Insert (with guy line)

Weight: 5,600 lbs (2,540 kg)

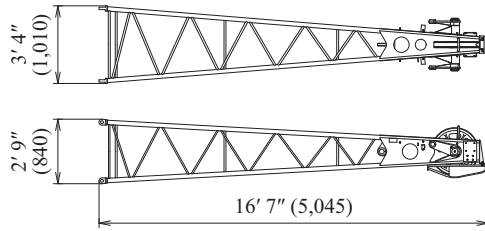


CK2750G-3 CRANE - DIMENSIONS & WEIGHT

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

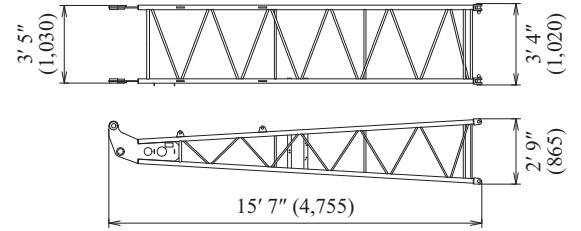
Fixed Jib Tip

Weight: 720 lbs (325 kg)



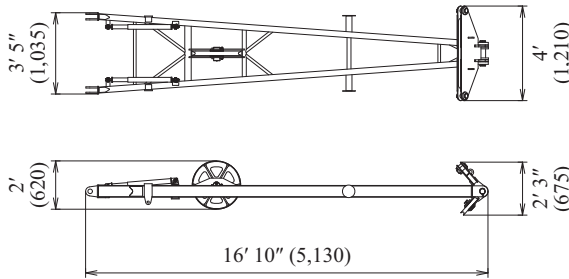
Fixed Jib Base

Weight: 465 lbs (210 kg)



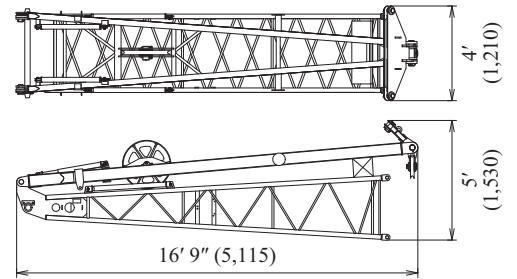
Fixed Jib Strut

Weight: 805 lbs (365 kg)



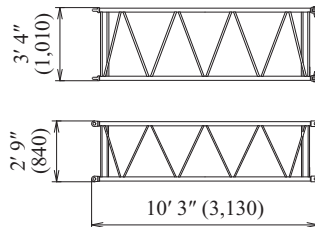
Fixed Jib Base and Strut

Weight: 1,270 lbs (575 kg)



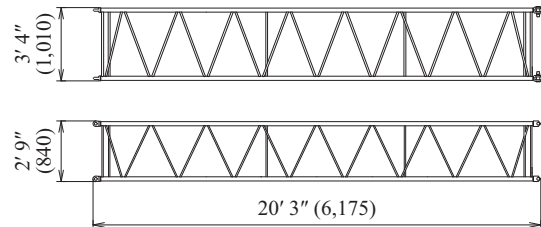
10 ft (3.0 m) Fixed Jib Insert

Weight: 245 lbs (110 kg)



20 ft (6.1 m) Fixed Jib Insert

Weight: 420 lbs (190 kg)



CK2750G-3 TRANSPORTATION PLAN

Shipping plan for 250 ft Boom and 100' Fixed Jib

Refer to pages 13-15

| Description of Item | Weight | | Trailer Loads | | | | | | | | | | |
|-------------------------------------|-------------|----------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | lbs | (kg) | #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 |
| Base Machine | 101,475 | (46,030) | 1 | | | | | | | | | | |
| Crawler | 53,230 | (24,145) | | 1 | 1 | | | | | | | | |
| Counterweight Base | 34,260 | (15,540) | | | | | | 1 | | | | | |
| Counterweight (L) | 11,885 | (5,390) | | | | | | | 2 | 2 | 1 | 1 | 1 |
| Counterweight (R) | 11,885 | (5,390) | | | | | | | 1 | 1 | 2 | 2 | 1 |
| Carbody Weight Base | 18,235 | (8,270) | | | | | 2 | | | | | | |
| Carbody Weight | 11,885 | (5,390) | | | | 2 | | | | | | | |
| 10 ft Boom Insert | 1,965 | (890) | | | | | 2 | | | | | | |
| 20 ft Boom Insert | 3,175 | (1,440) | | | | | 1 | | | | | | |
| 40 ft Boom Insert | 5,600 | (2,540) | | | | | | | 1 | 1 | 1 | 1 | |
| Boom Base w/backstop* | 10,335 | (4,690) | | | | 1 | | | | | | | |
| Boom Tip | 8,080 | (3,665) | | | | | | | | | | | 1 |
| Fixed Jib Base w/strut | 1,270 | (575) | | | | | | 1 | | | | | |
| 10 ft Fixed Jib Insert | 245 | (110) | | | | | | 1 | | | | | |
| 20 ft Fixed Jib Insert and Guy Line | 420 | (190) | | | | | | | 1 | 1 | 1 | | |
| Fixed Jib Tip | 720 | (325) | | | | | | 1 | | | | | |
| Auxiliary Sheave | 610 | (290) | | | | | | | | 1 | | | |
| 115 Ton Block | 3,900 | (1,361) | | | | | | 1 | | | | | |
| 19 Ton Ball | 1,311 | (365) | | | | | | | | | 1 | | |
| Ladder Assembly | 90 | (41) | | | | | | | | | | | |
| Approx. Total Shipping Weight | lbs (kg) | | 101,475 (46,030) | 53,230 (24,145) | 53,230 (24,145) | 34,105 (15,470) | 43,575 (19,760) | 40,395 (17,911) | 41,675 (18,900) | 42,285 (19,190) | 42,986 (19,265) | 41,255 (18,710) | 31,850 (14,445) |

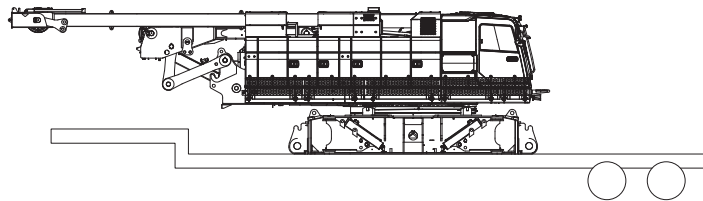
* Third drum is not included. Add 5,100 lbs to boom base if third drum is installed.

Loads for transportation were targeted at 45,000 lbs, 8' 6" wide, 48' long and 13' 6" high from ground, 48' step deck.

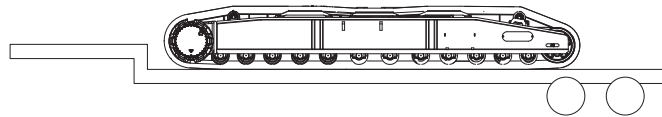
This may vary depending on truck/trailer weight, style of trailer and state law.

* Add 2,030 lbs with Free Fall.

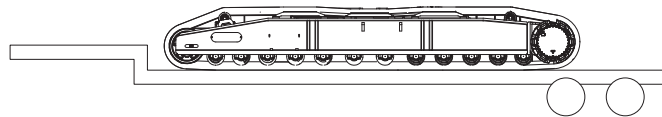
Trailer #1



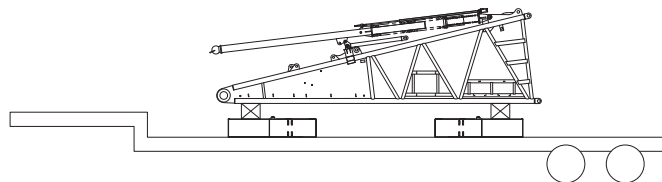
Trailer #2



Trailer #3

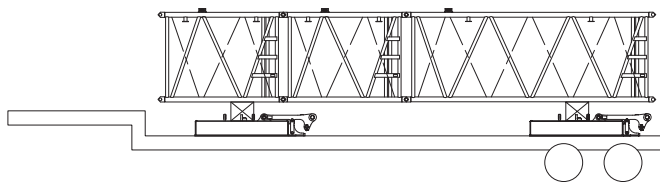


Trailer #4

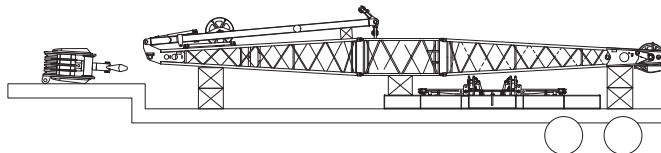


Refer to pages 13-15

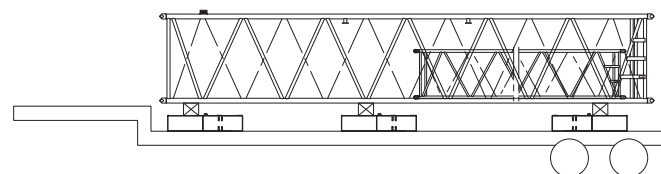
Trailer #5



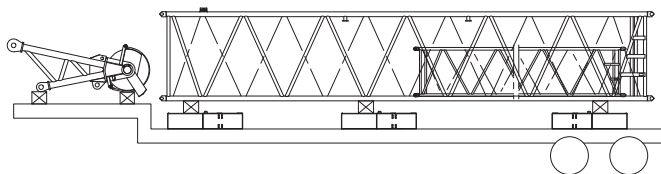
Trailer #6



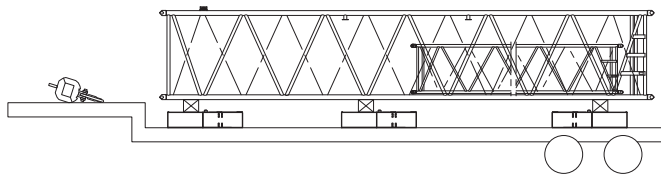
Trailer #7



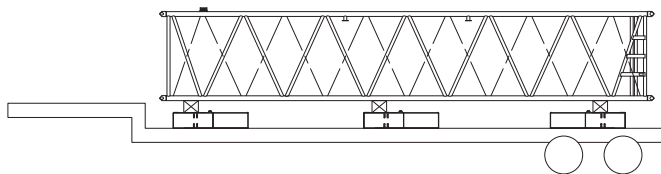
Trailer #8



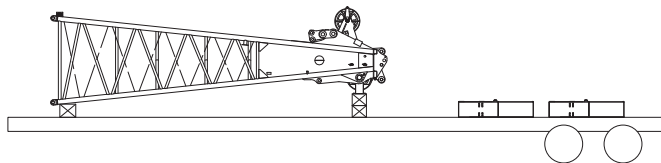
Trailer #9



Trailer #10

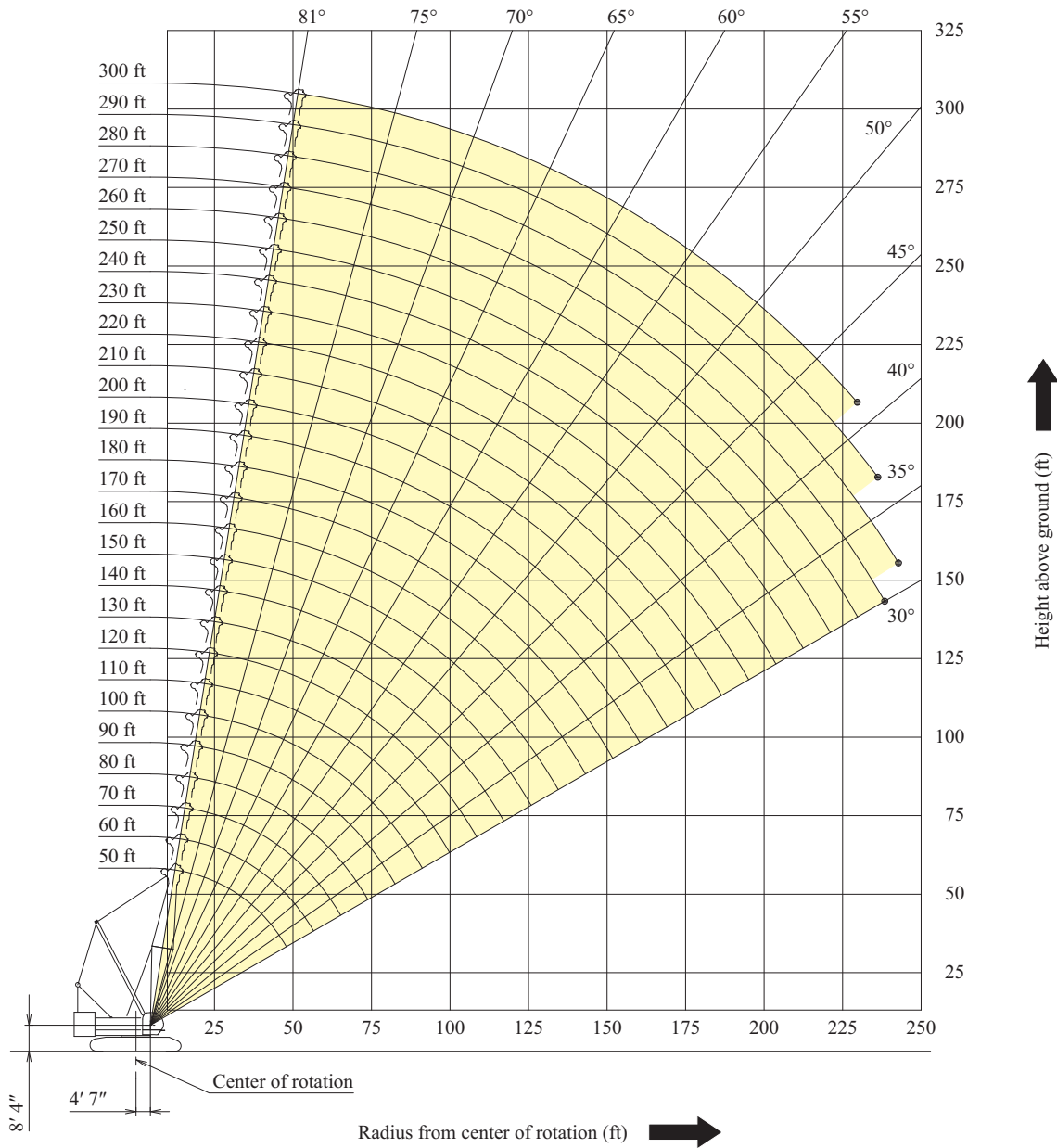


Trailer #11

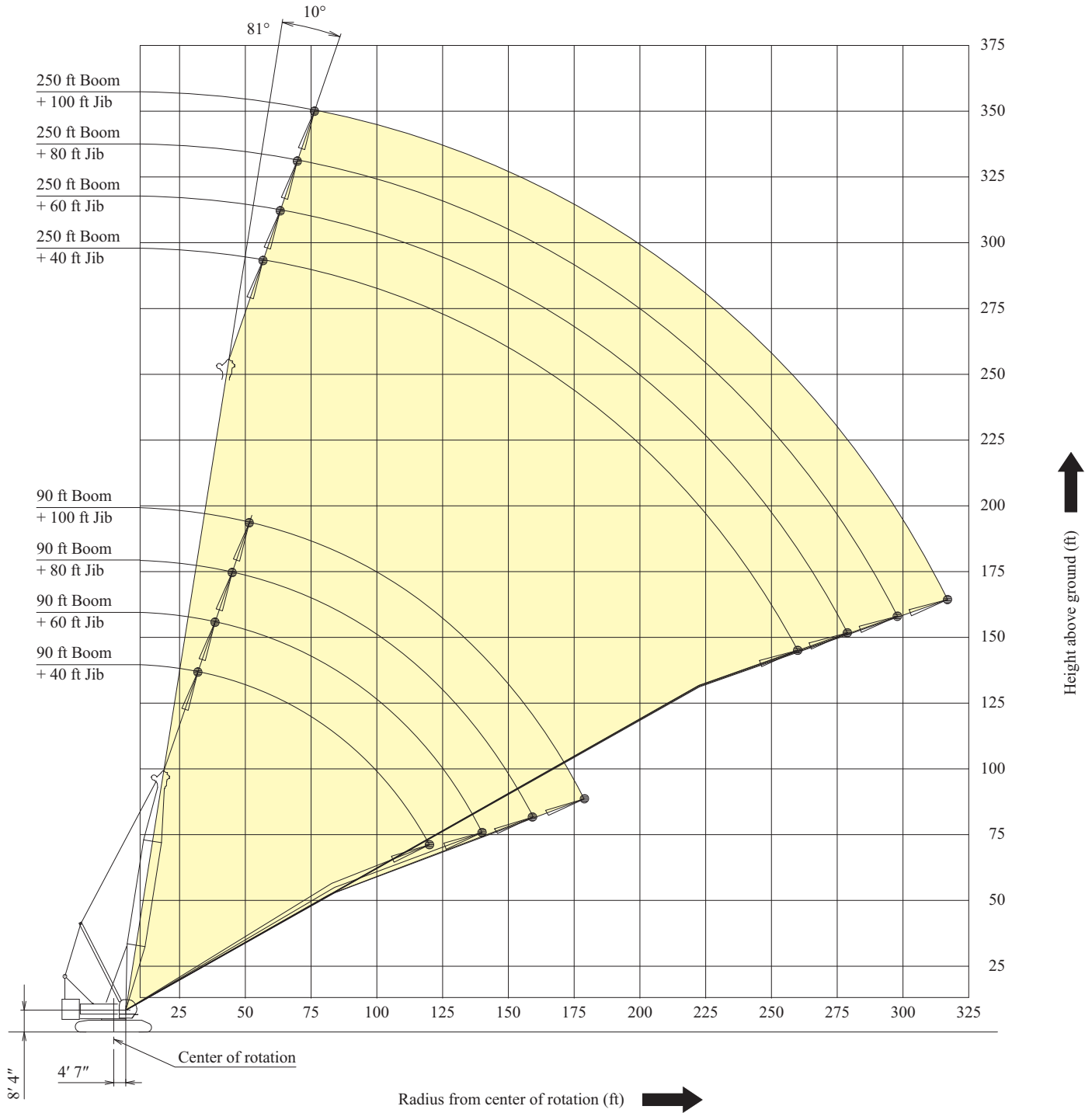


CK2750G-3 CRANE - WORKING RANGES

Main Boom

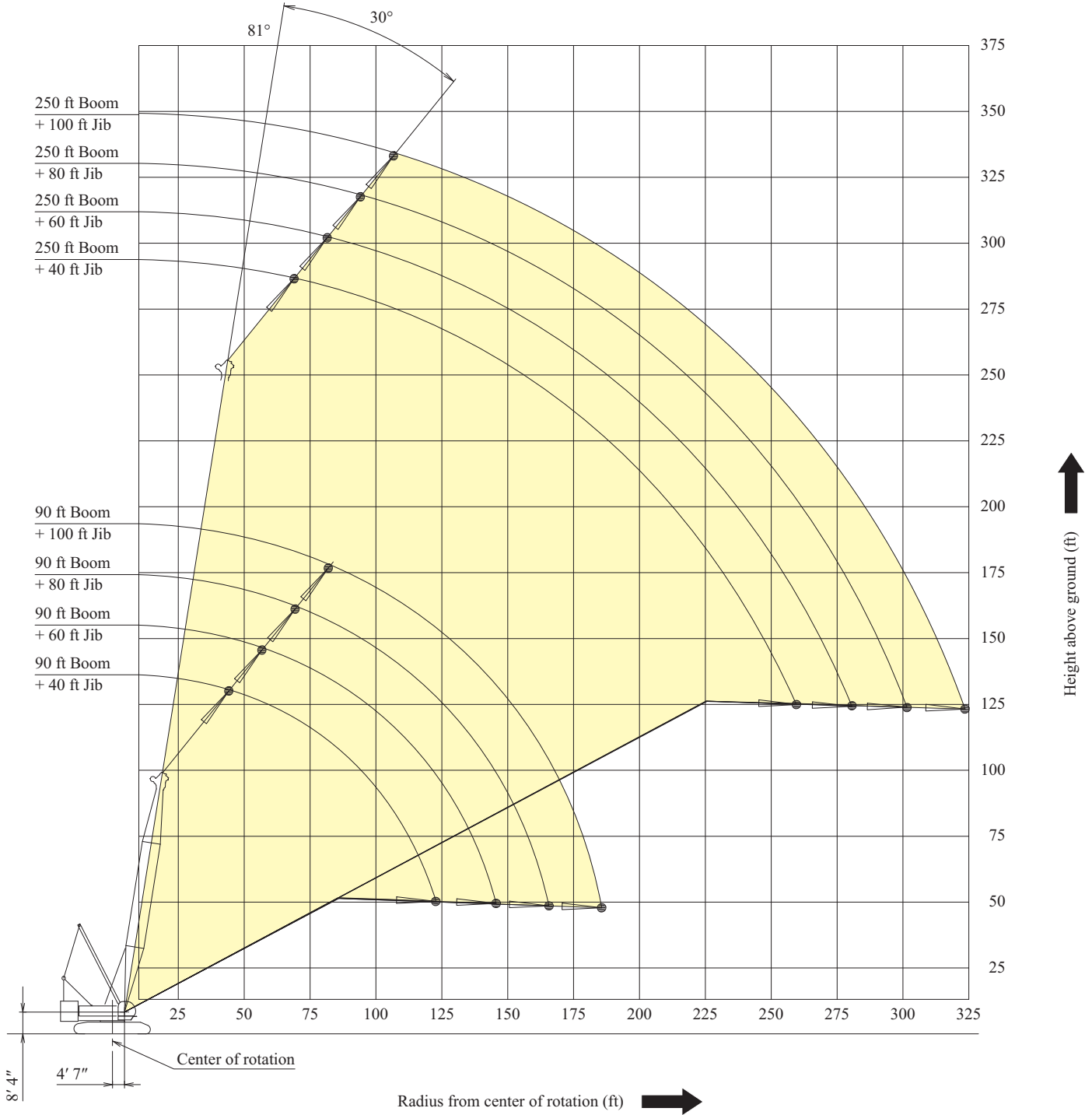


Fixed Jib 10°


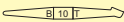
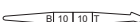
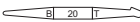
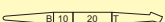
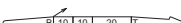

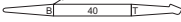
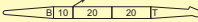
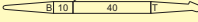
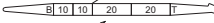

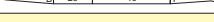
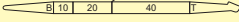
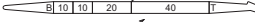

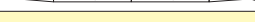
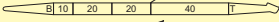
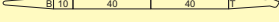
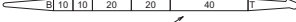
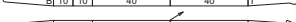
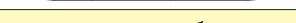
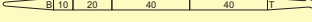
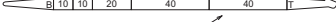
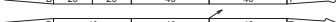




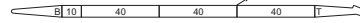
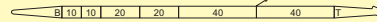
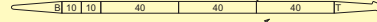
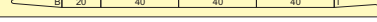

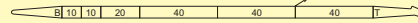
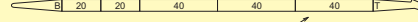
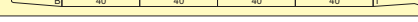
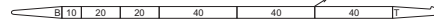
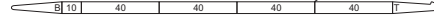
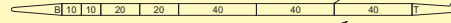
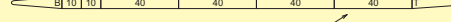
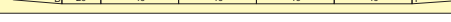
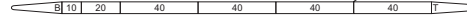
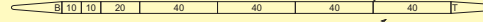
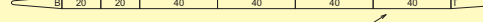



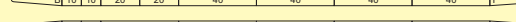
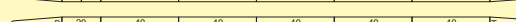
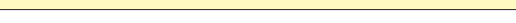
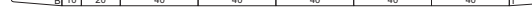
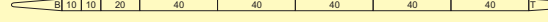
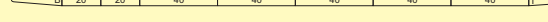

CK2750G-3 CRANE - WORKING RANGES






Fixed Jib 30°



Standard Boom Arrangement

| Boom length : ft (m) | Boom arrangement |
|----------------------|---|
| 50 (15.2) |  |
| 60 (18.3) | ※  |
| 70 (21.3) | ※   |
| 80 (24.4) | ※  |
| 90 (27.4) | ※    |
| 100 (30.5) | ※   |
| 110 (33.5) | ※    |
| 120 (36.6) | ※  |
| 130 (39.6) | ※    |
| 140 (42.7) | ※   |
| 150 (45.7) | ※    |
| 160 (48.8) | ※  |
| 170 (51.8) | ※    |

| Boom length : ft (m) | Boom arrangement |
|----------------------|--|
| 180 (54.9) | ※   |
| 190 (57.9) | ※    |
| 200 (61.0) | ※  |
| 210 (64.0) | ※    |
| 220 (67.1) | ※   |
| 230 (70.1) | ※    |
| 240 (73.2) | ※  |
| 250 (76.2) | ※    |
| 260 (79.3) | ※   |
| 270 (82.3) | ※    |
| 280 (85.3) | ※  |
| 290 (88.4) | ※   |
| 300 (91.4) |  |

| Symbol | Boom Length | Remarks |
|---|----------------|-------------|
|  | 25 ft (7.6 m) | Boom Base |
|  | 25 ft (7.6 m) | Boom Tip |
|  | 10 ft (3.0 m) | Boom Insert |
|  | 20 ft (6.1 m) | Boom Insert |
|  | 40 ft (12.2 m) | Boom Insert |

↗ mark shows the guy line installing position when the fixed jib is used.

※ mark shows the standard crane boom arrangement which enables each boom length of less than that boom length to be configured.

CK2750G-3 CRANE - BOOM AND JIB ARRANGEMENT

Crane with Luffing Boom Tip Arrangement

| Boom length : ft (m) | Boom arrangement |
|----------------------|------------------|
| 50 (15.2) | |
| 60 (18.3) | ※ |
| 70 (21.3) | ※ |
| 80 (24.4) | ※ |
| 90 (27.4) | ※ |
| 100 (30.5) | ※ |
| 110 (33.5) | ※ |
| 120 (36.6) | ※ |
| 130 (39.6) | ※ |
| 140 (42.7) | ※ |

| Boom length : ft (m) | Boom arrangement |
|----------------------|------------------|
| 150 (45.7) | ※ |
| 160 (48.8) | ※ |
| 170 (51.8) | ※ |
| 180 (54.9) | ※ |
| 190 (57.9) | ※ |
| 200 (61.0) | ※ |

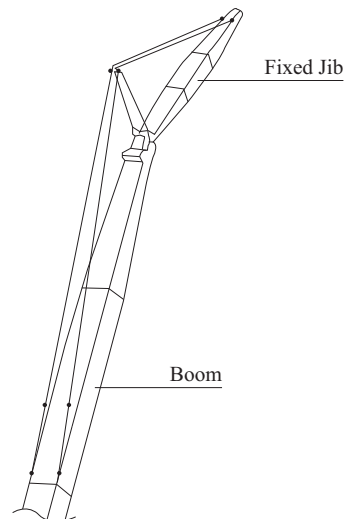
※ mark shows the standard luffing boom arrangement which enables each boom length of less than that boom length to be configured.

| Symbol | Boom Length | Remarks |
|--------|---------------------|-------------------|
| | 25 ft (7.6 m) | Boom Base |
| | 3 ft 3 in (1.0 m) | Luffing Boom Tip |
| | 11 ft 10 in (3.6 m) | Taper Boom Insert |
| | 10 ft (3.0 m) | Boom Insert |
| | 20 ft (6.1 m) | Boom Insert |
| | 40 ft (12.2 m) | Boom Insert |

Fixed Jib Arrangement

| Crane boom length | Jib length : ft (m) | Jib arrangement |
|-----------------------------------|---------------------|-----------------|
| 90 ft (27.4 m) to 250 ft (76.2 m) | 40 (12.2) | |
| | 60 (18.3) | |
| | 80 (24.4) | |
| | 100 (30.5) | |

| Symbol | Jib Length | Remarks |
|--------|---------------|------------|
| | 15 ft (4.6 m) | Jib Base |
| | 15 ft (4.6 m) | Jib Tip |
| | 10 ft (3.0 m) | Jib Insert |
| | 20 ft (6.1 m) | Jib Insert |



Boom and Fixed Jib

1. 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 derate 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).
2. Rated loads do not exceed 75% of minimum tipping loads. Rated loads based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
3. The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.
 - The crane must be leveled to within 1% on a firm supporting surface.
 - Boom backstops are required for all boom length.
 - Gantry must be fully raised position for all operations.
 - Counterweights and carbody weights are fully installed.
4. Do not attempt to lift where no radius on load is listed as crane may tip or collapse.
5. Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine rated loads.
6. 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.
7. When lifting over boom point with jib or auxiliary sheave, rated loads for the boom must be deducted as shown below.

Aux. Sheave for Crane Boom & Luffing Boom

| | |
|------------------|-----|
| Deductions (Lbs) | 700 |
|------------------|-----|

Fixed Jib

| | | | | |
|------------------|-------|-------|-------|-------|
| Jib length (ft) | 40 | 60 | 80 | 100 |
| Deductions (Lbs) | 7,055 | 8,010 | 8,965 | 9,920 |

8. The total load that can be lifted over a jib is limited by rated jib loads.
9. Boom lengths for jib mounting are 90 ft (27.4 m) to 250 ft (76.2 m).
10. 40 ft (12.2 m) jib length with offset angle 10 degrees, one part of line on hook is not allowed.
11. The total load that can be lifted over an auxiliary sheave is the value for 700 lbs deducted from the rated load for the boom without auxiliary sheave, but it should not exceed auxiliary maximum hoist load.
12. Boom lengths that can attach auxiliary sheave are from 50 ft (15.2m) to 290 ft (88.4m).

13. The boom should be erected over the front of the crawlers, not laterally. When erecting and lowering the crane boom at a length of 290 ft (88.4 m) or over and the crane boom with fixed jib at a length of 250 ft (76.2 m), the blocks for erection must be placed at the end of the crawlers.
14. The maximum rated load is 5,200 lbs (2.4t).
15. Least stable position is over the side.
16. Maximum hoist load for number of reeving parts of line for the hoist rope.

Main Boom Hoist Loads

| | | | | | |
|----------------------|--------|--------|--------|---------|---------|
| No. of Parts of line | 1 | 2 | 3 | 4 | 5 |
| Maximum Loads (lbs) | 29,700 | 59,500 | 89,200 | 119,000 | 148,800 |

| | | | | | |
|----------------------|---------|---------|---------|---------|---------|
| No. of Parts of line | 6 | 7 | 8 | 10 | 12 |
| Maximum Loads (lbs) | 178,500 | 208,300 | 238,000 | 297,600 | 352,700 |

| | | | | | |
|----------------------|---------|---------|---------|---------|---------|
| No. of Parts of line | 14 | 16 | 18 | 20 | 22 |
| Maximum Loads (lbs) | 403,400 | 451,900 | 500,400 | 529,100 | 550,000 |

Maximum Load for Jib

| | | |
|----------------------|--------|--------|
| No. of Parts of line | 1 | 2 |
| Maximum Loads (lbs) | 29,700 | 59,500 |

Maximum Load Auxiliary Sheave

| | | |
|----------------------|--------|--------|
| No. of Parts of line | 1 | 2 |
| Maximum Loads (lbs) | 29,700 | 59,500 |

17. Weight of recommended hook block.

| | | | | | | |
|--------------|-------|-------|-------|-------|-------|-----------|
| Hook Block | 275 t | 165 t | 110 t | 77 t | 39 t | Ball hook |
| Weight (lbs) | 9,260 | 5,075 | 3,970 | 2,650 | 1,990 | 1,000 |



If the weight of the hook block used is lighter than the above recommended weight, the jib may turn over backward or will be difficult to lower the empty hook block.

18. When operating the machine with the nesting roller (option) equipped to the boom insert, following amount of loads must be reduced from the rating chart.

| | | | |
|----------------------|--------------|-------|-----------------|
| Boom length | 50 ft, 60 ft | 70 ft | 80 ft to 120 ft |
| Reduced amount (lbs) | 0 | 100 | 200 |

| | | | |
|----------------------|------------------|------------------|------------------|
| Boom length | 130 ft to 190 ft | 200 ft to 260 ft | 270 ft to 300 ft |
| Reduced amount (lbs) | 300 | 400 | 500 |

19. Rated loads listed apply only to the machine as originally manufactured and designed by KOBELCO CONSTRUCTION MACHINERY CO., LTD. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.
20. Designed and rated to comply with ANSI Code B30.5.

| |
|---|
| Operation of this equipment in excess of rated loads or disregard of instructions voids the warranty. |
|---|

CK2750G-3 CRANE - LIFTING CHART

Main Boom Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 50' Boom | | | 60' Boom | | | 70' Boom | | | 80' Boom | | | 90' Boom | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 15.0 | 79.5 | 550,000 * | 16.4 | 80.0 | 499,700 * | 18.0 | 80.0 | 451,900 * | 20.0 | 80.0 | 403,400 * | 21.6 | 80.0 | 384,700 * |
| 16.0 | 78.4 | 521,700 * | 17.0 | 79.4 | 485,600 * | 19.0 | 79.3 | 434,000 * | 22.0 | 78.4 | 376,700 * | 22.0 | 79.7 | 378,900 * |
| 17.0 | 77.3 | 492,900 * | 18.0 | 78.4 | 462,000 * | 20.0 | 78.4 | 415,800 * | 24.0 | 77.0 | 349,900 * | 24.0 | 78.4 | 349,300 * |
| 18.0 | 76.1 | 466,500 * | 19.0 | 77.5 | 438,300 * | 22.0 | 76.8 | 381,000 * | 26.0 | 75.5 | 323,300 * | 26.0 | 77.1 | 322,700 * |
| 19.0 | 74.9 | 440,200 * | 20.0 | 76.5 | 416,600 * | 24.0 | 75.1 | 350,400 * | 28.0 | 74.0 | 301,700 * | 28.0 | 75.8 | 300,900 * |
| 20.0 | 73.7 | 416,700 * | 22.0 | 74.5 | 381,800 * | 26.0 | 73.4 | 323,800 * | 30.0 | 72.5 | 281,600 * | 30.0 | 74.5 | 280,200 * |
| 22.0 | 71.2 | 382,300 * | 24.0 | 72.5 | 351,300 * | 28.0 | 71.6 | 302,100 * | 32.0 | 71.0 | 264,600 * | 32.0 | 73.2 | 260,700 * |
| 24.0 | 68.8 | 351,900 * | 26.0 | 70.4 | 324,700 * | 30.0 | 69.9 | 282,100 * | 34.0 | 69.4 | 247,000 * | 34.0 | 71.8 | 243,000 * |
| 26.0 | 66.3 | 325,300 * | 28.0 | 68.4 | 302,900 * | 32.0 | 68.1 | 265,000 * | 36.0 | 67.9 | 229,000 * | 36.0 | 70.5 | 226,500 * |
| 28.0 | 63.7 | 303,500 * | 30.0 | 66.3 | 282,700 * | 34.0 | 66.3 | 247,300 * | 38.0 | 66.3 | 211,100 * | 38.0 | 69.1 | 210,100 * |
| 30.0 | 61.1 | 283,400 * | 32.0 | 64.2 | 265,700 * | 36.0 | 64.5 | 229,300 * | 40.0 | 64.7 | 195,000 * | 40.0 | 67.7 | 195,000 * |
| 32.0 | 58.4 | 266,300 * | 34.0 | 62.0 | 247,900 * | 38.0 | 62.6 | 211,200 * | 42.0 | 63.1 | 183,100 * | 42.0 | 66.3 | 183,000 * |
| 34.0 | 55.5 | 248,300 * | 36.0 | 59.7 | 229,600 * | 40.0 | 60.8 | 195,000 * | 44.0 | 61.5 | 171,100 * | 44.0 | 64.9 | 171,000 * |
| 36.0 | 52.6 | 229,700 * | 38.0 | 57.5 | 211,300 * | 42.0 | 58.8 | 183,100 * | 46.0 | 59.8 | 159,300 * | 46.0 | 63.5 | 159,100 * |
| 38.0 | 49.6 | 211,100 * | 40.0 | 55.2 | 195,000 * | 44.0 | 56.9 | 171,100 * | 48.0 | 58.1 | 151,100 * | 48.0 | 62.0 | 150,800 * |
| 40.0 | 46.4 | 194,600 * | 42.0 | 52.7 | 183,100 * | 46.0 | 54.9 | 159,300 * | 50.0 | 56.4 | 142,900 * | 50.0 | 60.6 | 142,500 * |
| 42.0 | 42.9 | 182,600 * | 44.0 | 50.2 | 171,100 * | 48.0 | 52.8 | 151,100 * | 55.0 | 51.9 | 125,200 * | 55.0 | 56.8 | 124,700 * |
| 44.0 | 39.3 | 170,700 * | 46.0 | 47.7 | 159,300 * | 50.0 | 50.6 | 142,900 * | 60.0 | 47.1 | 110,900 * | 60.0 | 52.9 | 110,500 * |
| 46.0 | 35.7 | 158,700 * | 48.0 | 44.8 | 151,100 * | 55.0 | 45.0 | 125,200 * | 65.0 | 41.9 | 99,700 * | 65.0 | 48.7 | 99,200 * |
| 48.0 | 31.3 | 147,800 * | 50.0 | 42.0 | 142,900 * | 60.0 | 38.7 | 110,900 * | 70.0 | 36.0 | 90,500 * | 70.0 | 44.2 | 90,000 * |
| 48.5 | 30.0 | 144,800 * | 55.0 | 34.0 | 125,100 * | 65.0 | 31.4 | 99,700 * | 74.4 | 30.0 | 82,800 * | 75.0 | 39.3 | 82,100 * |
| | | | 57.4 | 30.0 | 117,900 * | 65.9 | 30.0 | 97,600 * | | | | 83.3 | 30.0 | 71,200 * |
| Reeves | | | Reeves | | | Reeves | | | Reeves | | | Reeves | | |
| 22 | | | 18 | | | 16 | | | 14 | | | 14 | | |
| 100' Boom | | | 110' Boom | | | 120' Boom | | | 130' Boom | | | 140' Boom | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 23.2 | 80.0 | 339,900 * | 25.2 | 80.0 | 317,000 * | 26.9 | 80.0 | 280,600 * | 28.5 | 80.0 | 255,000 * | 30.1 | 80.0 | 236,300 * |
| 24.0 | 79.6 | 334,800 * | 26.0 | 79.5 | 313,000 * | 28.0 | 79.4 | 277,400 * | 30.0 | 79.4 | 250,700 * | 32.0 | 79.3 | 231,100 * |
| 26.0 | 78.4 | 320,500 * | 28.0 | 78.4 | 295,100 * | 30.0 | 78.4 | 268,700 * | 32.0 | 78.5 | 240,700 * | 34.0 | 78.5 | 221,600 * |
| 28.0 | 77.3 | 298,000 * | 30.0 | 77.4 | 276,100 * | 32.0 | 77.5 | 250,800 * | 34.0 | 77.5 | 228,900 * | 36.0 | 77.6 | 209,600 * |
| 30.0 | 76.1 | 276,100 * | 32.0 | 76.3 | 257,300 * | 34.0 | 76.5 | 235,300 * | 36.0 | 76.6 | 215,700 * | 38.0 | 76.8 | 197,600 * |
| 32.0 | 74.9 | 260,000 * | 34.0 | 75.2 | 240,400 * | 36.0 | 75.5 | 221,500 * | 38.0 | 75.7 | 202,500 * | 40.0 | 75.9 | 186,400 * |
| 34.0 | 73.7 | 243,500 * | 36.0 | 74.1 | 224,700 * | 38.0 | 74.5 | 207,600 * | 40.0 | 74.8 | 190,200 * | 42.0 | 75.1 | 177,000 * |
| 36.0 | 72.5 | 226,800 * | 38.0 | 73.1 | 209,100 * | 40.0 | 73.5 | 194,400 * | 42.0 | 73.9 | 179,600 * | 44.0 | 74.2 | 167,700 * |
| 38.0 | 71.3 | 210,000 * | 40.0 | 72.0 | 194,600 * | 42.0 | 72.5 | 182,300 * | 44.0 | 73.0 | 168,900 * | 46.0 | 73.4 | 158,400 * |
| 40.0 | 70.1 | 194,800 * | 42.0 | 70.8 | 182,500 * | 44.0 | 71.5 | 170,300 * | 46.0 | 72.0 | 158,400 * | 48.0 | 72.5 | 150,100 * |
| 42.0 | 68.8 | 182,800 * | 44.0 | 69.7 | 170,500 * | 46.0 | 70.5 | 158,400 * | 48.0 | 71.1 | 150,100 * | 50.0 | 71.6 | 141,700 * |
| 44.0 | 67.6 | 170,700 * | 46.0 | 68.6 | 158,600 * | 48.0 | 69.5 | 150,200 * | 50.0 | 70.2 | 141,900 * | 55.0 | 69.5 | 123,800 * |
| 46.0 | 66.3 | 158,800 * | 48.0 | 67.5 | 150,400 * | 50.0 | 68.4 | 142,000 * | 55.0 | 67.8 | 124,000 * | 60.0 | 67.3 | 109,600 * |
| 48.0 | 65.1 | 150,600 * | 50.0 | 66.3 | 142,100 * | 55.0 | 65.8 | 124,200 * | 60.0 | 65.4 | 109,600 * | 65.0 | 65.0 | 98,100 * |
| 50.0 | 63.8 | 142,300 * | 55.0 | 63.4 | 124,300 * | 60.0 | 63.2 | 109,800 * | 65.0 | 62.9 | 98,100 * | 70.0 | 62.7 | 88,800 * |
| 55.0 | 60.5 | 124,600 * | 60.0 | 60.5 | 110,000 * | 65.0 | 60.4 | 98,400 * | 70.0 | 60.4 | 88,900 * | 75.0 | 60.4 | 80,800 * |
| 60.0 | 57.1 | 110,400 * | 65.0 | 57.4 | 98,600 * | 70.0 | 57.6 | 89,100 * | 75.0 | 57.8 | 81,000 * | 80.0 | 58.0 | 73,900 * |
| 65.0 | 53.6 | 99,000 * | 70.0 | 54.2 | 89,200 * | 75.0 | 54.7 | 81,200 * | 80.0 | 55.2 | 74,000 * | 85.0 | 55.5 | 68,000 * |
| 70.0 | 49.9 | 89,800 * | 75.0 | 50.9 | 81,300 * | 80.0 | 51.7 | 74,300 * | 85.0 | 52.4 | 68,000 * | 90.0 | 53.0 | 62,900 * |
| 75.0 | 46.0 | 81,900 * | 80.0 | 47.4 | 74,500 * | 85.0 | 48.6 | 68,200 * | 90.0 | 49.5 | 63,100 * | 95.0 | 50.3 | 58,400 * |
| 80.0 | 41.8 | 75,000 * | 85.0 | 43.8 | 68,400 * | 90.0 | 45.3 | 63,300 * | 95.0 | 46.5 | 58,500 * | 100.0 | 47.6 | 54,300 * |
| 85.0 | 37.3 | 69,300 * | 90.0 | 39.7 | 63,500 * | 95.0 | 41.7 | 58,800 * | 100.0 | 43.4 | 54,400 * | 110.0 | 41.7 | 47,500 * |
| 90.0 | 32.0 | 64,200 * | 95.0 | 35.4 | 59,000 * | 100.0 | 38.0 | 54,900 * | 110.0 | 36.4 | 47,700 * | 120.0 | 35.0 | 42,000 * |
| 91.8 | 30.0 | 62,300 * | 100.0 | 30.6 | 55,100 * | 109.2 | 30.0 | 48,700 * | 117.7 | 30.0 | 43,400 * | 126.6 | 30.0 | 38,800 * |
| Reeves | | | Reeves | | | Reeves | | | Reeves | | | Reeves | | |
| 12 | | | 12 | | | 10 | | | 10 | | | 8 | | |

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes on page 23.

CK2750G-3 CRANE - LIFTING CHART

Main Boom Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 150' Boom | | | 160' Boom | | | 170' Boom | | | 180' Boom | | | 190' Boom | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 32.1 | 80.0 | 216,700 * | 33.7 | 80.0 | 204,100 * | 35.4 | 80.0 | 186,700 * | 37.4 | 80.0 | 179,400 * | 39.0 | 80.0 | 167,700 * |
| 34.0 | 79.2 | 208,500 * | 34.0 | 79.9 | 203,200 * | 36.0 | 79.8 | 185,000 * | 38.0 | 79.8 | 177,100 * | 40.0 | 79.7 | 164,200 * |
| 36.0 | 78.5 | 199,600 * | 36.0 | 79.2 | 194,800 * | 38.0 | 79.1 | 179,200 * | 40.0 | 79.1 | 169,500 * | 42.0 | 79.1 | 157,300 * |
| 38.0 | 77.7 | 190,800 * | 38.0 | 78.5 | 186,500 * | 40.0 | 78.5 | 172,800 * | 42.0 | 78.5 | 161,700 * | 44.0 | 78.5 | 150,400 * |
| 40.0 | 76.9 | 181,900 * | 40.0 | 77.7 | 178,100 * | 42.0 | 77.8 | 165,100 * | 44.0 | 77.8 | 154,000 * | 46.0 | 77.8 | 143,500 * |
| 42.0 | 76.1 | 173,200 * | 42.0 | 77.0 | 169,600 * | 44.0 | 77.1 | 157,300 * | 46.0 | 77.2 | 146,300 * | 48.0 | 77.2 | 137,600 * |
| 44.0 | 75.3 | 164,500 * | 44.0 | 76.2 | 161,100 * | 46.0 | 76.4 | 149,600 * | 48.0 | 76.5 | 140,300 * | 50.0 | 76.6 | 131,700 * |
| 46.0 | 74.5 | 155,800 * | 46.0 | 75.5 | 152,700 * | 48.0 | 75.7 | 143,400 * | 50.0 | 75.8 | 134,300 * | 55.0 | 75.0 | 118,500 * |
| 48.0 | 73.7 | 148,100 | 48.0 | 74.8 | 145,900 | 50.0 | 75.0 | 137,200 | 55.0 | 74.2 | 120,400 | 60.0 | 73.5 | 107,000 |
| 50.0 | 72.9 | 140,500 | 50.0 | 74.0 | 139,100 | 55.0 | 73.2 | 122,200 | 60.0 | 72.5 | 108,000 | 65.0 | 71.9 | 96,100 |
| 55.0 | 70.9 | 123,300 | 55.0 | 72.1 | 123,100 | 60.0 | 71.5 | 108,500 | 65.0 | 70.8 | 96,600 | 70.0 | 70.3 | 86,900 |
| 60.0 | 68.9 | 108,900 | 60.0 | 70.2 | 108,700 | 65.0 | 69.7 | 97,000 | 70.0 | 69.1 | 87,200 | 75.0 | 68.7 | 78,900 |
| 65.0 | 66.8 | 97,500 | 65.0 | 68.3 | 97,300 | 70.0 | 67.8 | 87,700 | 46.0 | 67.4 | 79,200 | 80.0 | 67.0 | 71,800 |
| 70.0 | 64.7 | 88,300 | 70.0 | 66.4 | 88,000 | 75.0 | 66.0 | 79,600 | 80.0 | 65.7 | 72,300 | 85.0 | 65.4 | 65,800 |
| 75.0 | 62.5 | 80,300 | 75.0 | 64.4 | 80,000 | 80.0 | 64.1 | 72,700 | 85.0 | 63.9 | 66,200 | 90.0 | 63.7 | 60,800 |
| 80.0 | 60.4 | 73,400 | 80.0 | 62.4 | 73,000 | 85.0 | 62.2 | 66,700 | 90.0 | 62.1 | 61,100 | 95.0 | 62.0 | 56,300 |
| 85.0 | 58.1 | 67,300 | 85.0 | 60.3 | 67,100 | 90.0 | 60.3 | 61,600 | 95.0 | 60.3 | 56,600 | 100.0 | 60.3 | 52,100 |
| 90.0 | 55.8 | 62,200 | 90.0 | 58.2 | 62,000 | 95.0 | 58.3 | 57,100 | 100.0 | 58.4 | 52,600 | 110.0 | 56.7 | 45,300 |
| 95.0 | 53.5 | 57,700 | 95.0 | 56.1 | 57,500 | 100.0 | 56.3 | 53,000 | 110.0 | 54.6 | 45,700 | 120.0 | 53.0 | 39,800 |
| 100.0 | 51.0 | 53,700 | 100.0 | 53.9 | 53,500 | 110.0 | 52.1 | 46,100 | 120.0 | 50.6 | 40,100 | 130.0 | 49.1 | 35,100 |
| 110.0 | 45.9 | 46,800 | 110.0 | 49.3 | 46,600 | 120.0 | 47.7 | 40,700 | 130.0 | 46.3 | 35,500 | 140.0 | 45.0 | 31,200 |
| 120.0 | 40.2 | 41,300 | 120.0 | 44.3 | 41,100 | 130.0 | 42.9 | 36,000 | 140.0 | 41.6 | 31,600 | 150.0 | 40.5 | 27,800 |
| 130.0 | 33.8 | 36,600 | 130.0 | 38.9 | 36,400 | 140.0 | 37.6 | 32,100 | 150.0 | 36.6 | 28,300 | 160.0 | 35.5 | 24,900 |
| 135.1 | 30.0 | 34,600 | 140.0 | 32.6 | 32,700 | 150.0 | 31.7 | 28,900 | 160.0 | 30.7 | 25,400 | 169.9 | 30.0 | 22,400 |
| | | | 144.0 | 30.0 | 31,300 | 152.5 | 30.0 | 28,200 | 161.0 | 30.0 | 25,100 | | | |
| Reeves 8 | | | Reeves 7 | | | Reeves 7 | | | Reeves 7 | | | Reeves 6 | | |
| 200' Boom | | | 210' Boom | | | 220' Boom | | | 230' Boom | | | 240' Boom | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 40.6 | 80.0 | 151,600 * | 42.3 | 80.0 | 148,800 * | 44.2 | 80.0 | 140,600 * | 45.9 | 80.0 | 130,900 * | 47.5 | 80.0 | 120,100 * |
| 42.0 | 79.6 | 148,600 * | 44.0 | 79.6 | 143,600 * | 46.0 | 79.5 | 134,900 * | 46.0 | 79.9 | 130,700 * | 48.0 | 79.9 | 119,400 * |
| 44.0 | 79.0 | 144,000 * | 46.0 | 79.0 | 137,500 * | 48.0 | 79.0 | 129,500 * | 48.0 | 79.5 | 125,200 * | 50.0 | 79.4 | 116,400 * |
| 46.0 | 78.5 | 139,300 * | 48.0 | 78.5 | 132,000 * | 50.0 | 78.5 | 124,000 * | 50.0 | 79.0 | 119,700 * | 55.0 | 78.2 | 107,400 |
| 48.0 | 77.9 | 134,000 * | 50.0 | 77.9 | 126,400 * | 55.0 | 77.1 | 111,800 | 55.0 | 77.7 | 108,100 | 60.0 | 77.0 | 97,300 |
| 50.0 | 77.3 | 128,700 * | 55.0 | 76.5 | 113,900 | 60.0 | 75.8 | 101,400 | 60.0 | 76.4 | 98,900 | 65.0 | 75.8 | 88,900 |
| 55.0 | 75.8 | 116,400 | 60.0 | 75.1 | 103,200 | 65.0 | 74.4 | 92,500 | 65.0 | 75.1 | 90,500 | 70.0 | 74.5 | 81,700 |
| 60.0 | 74.3 | 105,300 | 65.0 | 73.7 | 94,100 | 70.0 | 73.1 | 85,100 | 70.0 | 73.8 | 83,400 | 75.0 | 73.3 | 75,300 |
| 65.0 | 72.8 | 95,700 | 70.0 | 72.2 | 85,800 | 75.0 | 71.7 | 77,900 | 75.0 | 72.5 | 76,700 | 80.0 | 72.0 | 69,500 |
| 70.0 | 71.3 | 86,600 | 75.0 | 70.8 | 78,000 | 80.0 | 70.3 | 71,000 | 80.0 | 71.2 | 70,300 | 85.0 | 70.8 | 64,000 |
| 75.0 | 69.8 | 78,500 | 80.0 | 69.3 | 71,000 | 85.0 | 68.9 | 64,900 | 85.0 | 69.9 | 64,200 | 90.0 | 69.5 | 58,900 |
| 80.0 | 68.3 | 71,600 | 85.0 | 67.9 | 65,100 | 90.0 | 67.5 | 59,800 | 90.0 | 68.6 | 59,100 | 95.0 | 68.2 | 54,300 |
| 85.0 | 66.7 | 65,600 | 90.0 | 66.4 | 60,000 | 95.0 | 66.1 | 55,200 | 95.0 | 67.2 | 54,600 | 100.0 | 66.9 | 50,200 |
| 90.0 | 65.1 | 60,500 | 95.0 | 64.9 | 55,400 | 100.0 | 64.7 | 51,000 | 100.0 | 65.8 | 50,600 | 110.0 | 64.3 | 43,300 |
| 95.0 | 63.5 | 56,000 | 100.0 | 63.4 | 51,300 | 110.0 | 61.7 | 44,100 | 110.0 | 63.1 | 43,700 | 120.0 | 61.6 | 37,600 |
| 100.0 | 61.9 | 51,900 | 110.0 | 60.3 | 44,400 | 120.0 | 58.7 | 38,500 | 120.0 | 60.2 | 38,000 | 130.0 | 58.8 | 32,900 |
| 110.0 | 58.6 | 45,000 | 120.0 | 57.0 | 38,900 | 130.0 | 55.6 | 34,000 | 130.0 | 57.3 | 33,300 | 140.0 | 56.0 | 29,000 |
| 120.0 | 55.2 | 39,400 | 130.0 | 53.7 | 34,200 | 140.0 | 52.4 | 30,000 | 140.0 | 54.3 | 29,300 | 150.0 | 53.0 | 25,600 |
| 130.0 | 51.6 | 34,700 | 140.0 | 50.2 | 30,200 | 150.0 | 49.0 | 26,700 | 150.0 | 51.1 | 26,000 | 160.0 | 50.0 | 22,900 |
| 140.0 | 47.8 | 30,900 | 150.0 | 46.6 | 26,900 | 160.0 | 45.4 | 23,700 | 160.0 | 47.8 | 23,100 | 170.0 | 46.8 | 20,200 |
| 150.0 | 43.8 | 27,600 | 160.0 | 42.6 | 24,000 | 170.0 | 41.6 | 21,300 | 170.0 | 44.4 | 20,600 | 180.0 | 43.4 | 17,800 |
| 160.0 | 39.4 | 24,600 | 170.0 | 38.4 | 21,500 | 180.0 | 37.5 | 19,000 | 180.0 | 40.6 | 18,200 | 190.0 | 39.8 | 15,700 |
| 170.0 | 34.6 | 22,100 | 180.0 | 33.7 | 19,300 | 190.0 | 32.9 | 17,000 | 190.0 | 36.6 | 16,100 | 200.0 | 35.8 | 13,800 |
| 178.4 | 30.0 | 20,200 | 187.3 | 30.0 | 17,800 | 195.8 | 30.0 | 15,800 | 200.0 | 32.2 | 14,200 | 210.0 | 31.5 | 12,100 |
| | | | | | | | | | 204.3 | 30.0 | 13,400 | 213.2 | 30.0 | 11,600 |
| Reeves 6 | | | Reeves 5 | | | Reeves 5 | | | Reeves 5 | | | Reeves 5 | | |

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes on page 23.

CK2750G-3 CRANE - LIFTING CHART

Main Boom Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 250' Boom | | | 260' Boom | | | 270' Boom | | | 280' Boom | | | 290' Boom | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 49.5 | 80.0 | 108,200 * | 51.1 | 80.0 | 98,500 * | 52.8 | 80.0 | 90,100 * | 54.4 | 80.0 | 82,400 * | 56.4 | 80.0 | 74,500 * |
| 50.0 | 79.9 | 108,000 * | 55.0 | 79.1 | 97,000 * | 55.0 | 79.5 | 89,200 * | 55.0 | 79.9 | 82,200 * | 60.0 | 79.3 | 73,000 * |
| 55.0 | 78.7 | 103,100 * | 60.0 | 78.0 | 93,700 | 60.0 | 78.5 | 86,800 * | 60.0 | 78.9 | 80,300 * | 65.0 | 78.3 | 71,200 * |
| 60.0 | 77.5 | 95,800 | 65.0 | 76.9 | 85,600 | 65.0 | 77.4 | 83,300 * | 65.0 | 77.8 | 78,200 * | 70.0 | 77.2 | 69,500 * |
| 65.0 | 76.3 | 87,400 | 70.0 | 75.7 | 78,700 | 70.0 | 76.3 | 77,000 | 70.0 | 76.8 | 74,300 * | 75.0 | 76.2 | 66,800 * |
| 70.0 | 75.2 | 80,300 | 75.0 | 74.6 | 72,500 | 75.0 | 75.2 | 70,800 | 75.0 | 75.7 | 69,400 | 80.0 | 75.2 | 63,100 * |
| 75.0 | 74.0 | 74,000 | 80.0 | 73.5 | 66,800 | 80.0 | 74.1 | 65,300 | 80.0 | 74.7 | 64,000 | 85.0 | 74.2 | 58,200 * |
| 80.0 | 72.8 | 68,300 | 85.0 | 72.3 | 62,000 | 85.0 | 73.0 | 60,400 | 85.0 | 73.6 | 59,300 | 90.0 | 73.2 | 54,100 |
| 85.0 | 71.6 | 63,300 | 90.0 | 71.1 | 57,600 | 90.0 | 71.9 | 56,200 | 90.0 | 72.5 | 55,100 | 95.0 | 72.1 | 50,300 |
| 90.0 | 70.3 | 58,600 | 95.0 | 70.0 | 53,400 | 95.0 | 70.7 | 52,300 | 95.0 | 71.4 | 51,200 | 100.0 | 71.1 | 46,800 |
| 95.0 | 69.1 | 54,100 | 100.0 | 68.8 | 49,500 | 100.0 | 69.6 | 48,700 | 100.0 | 70.4 | 47,700 | 110.0 | 69.0 | 40,700 |
| 100.0 | 67.9 | 49,900 | 110.0 | 66.4 | 42,600 | 110.0 | 67.3 | 41,900 | 110.0 | 68.2 | 41,500 | 120.0 | 66.8 | 35,700 |
| 110.0 | 65.4 | 43,000 | 120.0 | 64.0 | 36,900 | 120.0 | 65.0 | 36,300 | 120.0 | 65.9 | 36,000 | 130.0 | 64.7 | 31,000 |
| 120.0 | 62.8 | 37,400 | 130.0 | 61.5 | 32,200 | 130.0 | 62.6 | 31,600 | 130.0 | 63.7 | 31,200 | 140.0 | 62.4 | 27,100 |
| 130.0 | 60.2 | 32,700 | 140.0 | 58.9 | 28,200 | 140.0 | 60.2 | 27,600 | 140.0 | 61.4 | 27,400 | 150.0 | 60.2 | 23,600 |
| 140.0 | 57.5 | 28,700 | 150.0 | 56.3 | 24,900 | 150.0 | 57.7 | 24,300 | 150.0 | 59.0 | 23,800 | 160.0 | 57.9 | 20,600 |
| 150.0 | 54.8 | 25,400 | 160.0 | 53.6 | 22,000 | 160.0 | 55.2 | 21,200 | 160.0 | 56.6 | 20,800 | 170.0 | 55.5 | 17,700 |
| 160.0 | 51.9 | 22,400 | 170.0 | 50.8 | 19,300 | 170.0 | 52.5 | 18,400 | 170.0 | 54.1 | 18,000 | 180.0 | 53.1 | 15,200 |
| 170.0 | 48.9 | 19,700 | 180.0 | 47.9 | 16,700 | 180.0 | 49.8 | 16,000 | 180.0 | 51.5 | 15,600 | 190.0 | 50.5 | 13,000 |
| 180.0 | 45.8 | 17,400 | 190.0 | 44.8 | 14,600 | 190.0 | 46.9 | 13,900 | 190.0 | 48.8 | 13,500 | 200.0 | 47.9 | 11,100 |
| 190.0 | 42.5 | 15,200 | 200.0 | 41.6 | 12,600 | 200.0 | 43.9 | 11,900 | 200.0 | 46.0 | 11,400 | 210.0 | 45.2 | 9,400 |
| 200.0 | 38.9 | 13,300 | 210.0 | 38.1 | 11,000 | 210.0 | 40.8 | 10,100 | 210.0 | 43.1 | 9,600 | 220.0 | 42.3 | 7,700 |
| 210.0 | 35.1 | 11,600 | 220.0 | 34.3 | 9,400 | 220.0 | 37.4 | 8,600 | 220.0 | 40.0 | 8,200 | 230.0 | 39.3 | 6,300 |
| 220.0 | 30.8 | 10,100 | 230.0 | 30.2 | 8,000 | 230.0 | 33.7 | 7,200 | 230.0 | 36.7 | 6,700 | 236.2 | 37.3 | 5,500 |
| 221.7 | 30.0 | 9,900 | 230.3 | 30.0 | 7,900 | 239.1 | 30.0 | 6,100 | 240.0 | 33.1 | 5,500 | | | |
| | | | | | | | | | 242.7 | 32.0 | 5,200 | | | |
| Reeves | | | Reeves | | | Reeves | | | Reeves | | | Reeves | | |
| 4 | | | 4 | | | 4 | | | 4 | | | 4 | | |
| 300' Boom | | | | | | | | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | | | | | | | | | | |
| 58.0 | 80.0 | 68,300 * | | | | | | | | | | | | |
| 60.0 | 79.6 | 67,700 * | | | | | | | | | | | | |
| 65.0 | 78.7 | 65,900 * | | | | | | | | | | | | |
| 70.0 | 77.7 | 64,200 * | | | | | | | | | | | | |
| 75.0 | 76.7 | 62,400 * | | | | | | | | | | | | |
| 80.0 | 75.7 | 60,200 * | | | | | | | | | | | | |
| 85.0 | 74.7 | 56,800 * | | | | | | | | | | | | |
| 90.0 | 73.7 | 52,800 * | | | | | | | | | | | | |
| 95.0 | 72.7 | 49,100 * | | | | | | | | | | | | |
| 100.0 | 71.7 | 45,700 | | | | | | | | | | | | |
| 110.0 | 69.7 | 39,600 | | | | | | | | | | | | |
| 120.0 | 67.6 | 34,600 | | | | | | | | | | | | |
| 130.0 | 65.6 | 30,200 | | | | | | | | | | | | |
| 140.0 | 63.4 | 26,500 | | | | | | | | | | | | |
| 150.0 | 61.3 | 23,200 | | | | | | | | | | | | |
| 160.0 | 59.1 | 19,900 | | | | | | | | | | | | |
| 170.0 | 56.8 | 17,100 | | | | | | | | | | | | |
| 180.0 | 54.5 | 14,700 | | | | | | | | | | | | |
| 190.0 | 52.1 | 12,400 | | | | | | | | | | | | |
| 200.0 | 49.6 | 10,400 | | | | | | | | | | | | |
| 210.0 | 47.1 | 8,800 | | | | | | | | | | | | |
| 220.0 | 44.4 | 7,000 | | | | | | | | | | | | |
| 229.6 | 41.7 | 5,200 * | | | | | | | | | | | | |
| Reeves | | | 4 | | | | | | | | | | | |

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes on page 23.

CK2750G-3 CRANE - LIFTING CHART

Luffing Boom Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 50' Boom | | | 60' Boom | | | 70' Boom | | | 80' Boom | | | 90' Boom | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 17.7 | 80.0 | 330,600 * | 19.3 | 80.0 | 316,500 * | 20.9 | 80.0 | 317,000 * | 22.9 | 80.0 | 317,900 * | 24.6 | 80.0 | 318,700 * |
| 18.0 | 79.6 | 330,600 * | 20.0 | 79.4 | 316,500 * | 22.0 | 79.3 | 317,000 * | 24.0 | 79.2 | 317,700 * | 26.0 | 79.1 | 317,200 * |
| 19.0 | 78.4 | 330,600 * | 22.0 | 77.4 | 316,500 * | 24.0 | 77.6 | 317,000 * | 26.0 | 77.7 | 317,400 * | 28.0 | 77.8 | 298,600 * |
| 20.0 | 77.2 | 330,600 * | 24.0 | 75.4 | 316,500 * | 26.0 | 75.9 | 317,000 * | 28.0 | 76.2 | 299,000 * | 30.0 | 76.4 | 278,100 * |
| 22.0 | 74.8 | 330,600 * | 26.0 | 73.4 | 316,500 * | 28.0 | 74.1 | 299,300 * | 30.0 | 74.7 | 279,000 * | 32.0 | 75.1 | 259,000 * |
| 24.0 | 72.3 | 327,100 * | 28.0 | 71.3 | 299,200 * | 30.0 | 72.4 | 279,800 * | 32.0 | 73.2 | 261,900 * | 34.0 | 73.8 | 241,100 |
| 26.0 | 69.8 | 320,200 * | 30.0 | 69.2 | 280,100 * | 32.0 | 70.6 | 262,600 * | 34.0 | 71.6 | 244,200 | 36.0 | 72.4 | 223,900 |
| 28.0 | 67.3 | 300,900 * | 32.0 | 67.1 | 263,000 * | 34.0 | 68.8 | 244,800 | 36.0 | 70.1 | 226,000 | 38.0 | 71.0 | 206,800 |
| 30.0 | 64.6 | 280,800 * | 34.0 | 64.9 | 245,200 | 36.0 | 67.0 | 226,400 | 38.0 | 68.5 | 207,800 | 40.0 | 69.7 | 191,300 |
| 32.0 | 62.0 | 263,700 * | 36.0 | 62.7 | 226,700 | 38.0 | 65.2 | 208,100 | 40.0 | 66.9 | 191,500 | 42.0 | 68.3 | 179,400 |
| 34.0 | 59.1 | 245,700 | 38.0 | 60.4 | 208,300 | 40.0 | 63.3 | 191,800 | 42.0 | 65.3 | 179,600 | 44.0 | 66.9 | 167,500 |
| 36.0 | 56.2 | 227,200 | 40.0 | 58.1 | 192,000 | 42.0 | 61.3 | 179,900 | 44.0 | 63.7 | 167,700 | 46.0 | 65.5 | 155,800 |
| 38.0 | 53.2 | 208,600 | 42.0 | 55.7 | 180,100 | 44.0 | 59.4 | 168,000 | 46.0 | 62.0 | 156,000 | 48.0 | 64.0 | 147,800 |
| 40.0 | 50.1 | 192,200 | 44.0 | 53.2 | 168,200 | 46.0 | 57.4 | 156,200 | 48.0 | 60.3 | 148,000 | 50.0 | 62.5 | 139,800 |
| 42.0 | 46.6 | 180,300 | 46.0 | 50.7 | 156,400 | 48.0 | 55.3 | 148,200 | 50.0 | 58.6 | 140,000 | 55.0 | 58.8 | 122,600 |
| 44.0 | 43.0 | 168,400 | 48.0 | 47.9 | 148,400 | 50.0 | 53.2 | 140,200 | 55.0 | 54.1 | 122,800 | 60.0 | 54.8 | 108,700 |
| 46.0 | 39.5 | 156,600 | 50.0 | 45.0 | 140,400 | 55.0 | 47.5 | 123,000 | 60.0 | 49.4 | 108,900 | 65.0 | 50.7 | 97,500 |
| 48.0 | 34.8 | 146,700 | 55.0 | 36.9 | 122,900 | 60.0 | 41.3 | 109,200 | 65.0 | 44.2 | 97,700 | 70.0 | 46.2 | 88,300 |
| 50.0 | 30.2 | 136,700 | 58.7 | 30.0 | 111,700 | 65.0 | 34.1 | 97,900 | 70.0 | 38.3 | 88,500 | 75.0 | 41.3 | 80,400 |
| 50.1 | 30.0 | 135,800 * | | | | 67.5 | 30.0 | 93,000 | 75.0 | 31.6 | 80,300 | 80.0 | 35.9 | 73,600 |
| | | | | | | | | | 76.1 | 30.0 | 78,700 | 84.6 | 30.0 | 67,900 |
| Reeves | | 12 | Reeves | | 12 | Reeves | | 12 | Reeves | | 12 | Reeves | | 12 |
| 100' Boom | | | 110' Boom | | | 120' Boom | | | 130' Boom | | | 140' Boom | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 26.2 | 80.0 | 291,400 * | 28.2 | 80.0 | 255,700 * | 29.8 | 80.0 | 245,300 * | 31.4 | 80.0 | 220,400 * | 33.1 | 80.0 | 209,600 * |
| 28.0 | 79.0 | 281,500 * | 30.0 | 79.0 | 251,000 * | 30.0 | 79.9 | 244,900 * | 32.0 | 79.8 | 219,100 * | 34.0 | 79.7 | 206,500 * |
| 30.0 | 77.8 | 269,100 * | 32.0 | 77.9 | 244,500 * | 32.0 | 78.9 | 239,600 * | 34.0 | 78.9 | 212,500 * | 36.0 | 78.9 | 199,300 * |
| 32.0 | 76.6 | 252,900 * | 34.0 | 76.8 | 233,200 | 34.0 | 77.9 | 229,600 * | 36.0 | 78.0 | 204,700 * | 38.0 | 78.0 | 192,100 * |
| 34.0 | 75.4 | 237,100 | 36.0 | 75.7 | 218,800 | 36.0 | 76.9 | 216,500 * | 38.0 | 77.1 | 196,900 * | 40.0 | 77.2 | 184,000 |
| 36.0 | 74.2 | 221,300 | 38.0 | 74.6 | 204,500 | 38.0 | 76.0 | 203,400 * | 40.0 | 76.2 | 188,000 | 42.0 | 76.3 | 174,200 |
| 38.0 | 73.0 | 205,600 | 40.0 | 73.5 | 190,900 | 40.0 | 75.0 | 190,600 | 42.0 | 75.2 | 176,900 | 44.0 | 75.5 | 164,400 |
| 40.0 | 71.8 | 191,100 | 42.0 | 72.4 | 179,000 | 42.0 | 74.0 | 178,800 | 44.0 | 74.3 | 165,900 | 46.0 | 74.6 | 154,700 |
| 42.0 | 70.6 | 179,200 | 44.0 | 71.3 | 167,100 | 44.0 | 72.9 | 166,900 | 46.0 | 73.4 | 154,900 | 48.0 | 73.8 | 146,700 |
| 44.0 | 69.3 | 167,300 | 46.0 | 70.2 | 155,300 | 46.0 | 71.9 | 155,100 | 48.0 | 72.5 | 146,900 | 50.0 | 72.9 | 138,700 |
| 46.0 | 68.1 | 155,500 | 48.0 | 69.1 | 147,300 | 48.0 | 70.9 | 147,100 | 50.0 | 71.5 | 138,900 | 55.0 | 70.7 | 121,500 |
| 48.0 | 66.8 | 147,500 | 50.0 | 67.9 | 139,300 | 50.0 | 69.9 | 139,100 | 55.0 | 69.1 | 121,700 | 60.0 | 68.5 | 107,600 |
| 50.0 | 65.5 | 139,500 | 55.0 | 65.0 | 122,100 | 55.0 | 67.3 | 121,900 | 60.0 | 66.7 | 107,800 | 65.0 | 66.3 | 96,200 |
| 55.0 | 62.3 | 122,300 | 60.0 | 62.1 | 108,300 | 60.0 | 64.6 | 108,100 | 65.0 | 64.3 | 96,600 | 70.0 | 64.0 | 86,800 |
| 60.0 | 58.9 | 108,500 | 65.0 | 59.0 | 97,000 | 65.0 | 61.9 | 96,800 | 70.0 | 61.8 | 87,400 | 75.0 | 61.6 | 78,800 |
| 65.0 | 55.4 | 97,200 | 70.0 | 55.8 | 87,800 | 70.0 | 59.1 | 87,600 | 75.0 | 59.2 | 79,400 | 80.0 | 59.2 | 71,900 |
| 70.0 | 51.7 | 88,000 | 75.0 | 52.5 | 79,900 | 75.0 | 56.2 | 79,600 | 80.0 | 56.5 | 72,500 | 85.0 | 56.8 | 66,000 |
| 75.0 | 47.8 | 80,100 | 80.0 | 49.0 | 73,000 | 80.0 | 53.2 | 72,800 | 85.0 | 53.8 | 66,500 | 90.0 | 54.2 | 60,900 |
| 80.0 | 43.6 | 73,200 | 85.0 | 45.4 | 67,100 | 85.0 | 50.1 | 66,900 | 90.0 | 50.9 | 61,500 | 95.0 | 51.6 | 56,400 |
| 85.0 | 39.1 | 67,300 | 90.0 | 41.4 | 62,000 | 90.0 | 46.7 | 61,800 | 95.0 | 47.9 | 57,100 | 100.0 | 48.9 | 52,400 |
| 90.0 | 33.8 | 62,200 | 95.0 | 37.0 | 57,600 | 95.0 | 43.2 | 57,400 | 100.0 | 44.7 | 53,000 | 110.0 | 43.0 | 45,700 |
| 93.5 | 30.0 | 59,000 | 100.0 | 32.2 | 53,700 | 100.0 | 39.4 | 53,500 | 110.0 | 37.8 | 46,300 | 120.0 | 36.3 | 40,100 |
| | | | 102.0 | 30.0 | 52,200 | 110.0 | 30.7 | 46,800 | 119.4 | 30.0 | 41,000 | 127.9 | 30.0 | 36,300 |
| Reeves | | 10 | Reeves | | 10 | Reeves | | 10 | Reeves | | 8 | Reeves | | 8 |

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes on page 23.

CK2750G-3 CRANE - LIFTING CHART

Luffing Boom Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 150' Boom | | | 160' Boom | | | 170' Boom | | | 180' Boom | | | 190' Boom | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 35.1 | 80.0 | 182,900 * | 36.7 | 80.0 | 178,500 * | 38.3 | 80.0 | 171,700 * | 40.3 | 80.0 | 161,300 * | 41.9 | 80.0 | 152,500 * |
| 36.0 | 79.6 | 181,000 * | 38.0 | 79.5 | 174,600 * | 40.0 | 79.5 | 165,300 * | 42.0 | 79.4 | 155,200 * | 42.0 | 79.9 | 152,500 |
| 38.0 | 78.8 | 176,600 * | 40.0 | 78.8 | 168,500 | 42.0 | 78.8 | 157,800 * | 44.0 | 78.8 | 147,800 * | 44.0 | 79.4 | 145,500 |
| 40.0 | 78.0 | 171,900 | 42.0 | 78.1 | 162,800 | 44.0 | 78.1 | 150,300 * | 46.0 | 78.1 | 140,400 | 46.0 | 78.8 | 138,700 |
| 42.0 | 77.3 | 166,100 | 44.0 | 77.3 | 157,000 | 46.0 | 77.4 | 142,900 | 48.0 | 77.5 | 135,700 | 48.0 | 78.1 | 133,100 |
| 44.0 | 76.5 | 160,300 | 46.0 | 76.6 | 151,200 | 48.0 | 76.7 | 138,200 | 50.0 | 76.8 | 131,000 | 50.0 | 77.5 | 127,600 |
| 46.0 | 75.7 | 154,400 | 48.0 | 75.8 | 144,100 | 50.0 | 76.0 | 133,600 | 55.0 | 75.1 | 118,900 | 55.0 | 76.0 | 115,800 |
| 48.0 | 74.9 | 146,400 | 50.0 | 75.1 | 137,100 | 55.0 | 74.2 | 120,700 | 60.0 | 73.5 | 106,500 | 60.0 | 74.4 | 105,700 |
| 50.0 | 74.1 | 138,400 | 55.0 | 73.2 | 121,000 | 60.0 | 72.5 | 106,900 | 65.0 | 71.8 | 95,100 | 65.0 | 72.8 | 94,800 |
| 55.0 | 72.1 | 121,200 | 60.0 | 71.3 | 107,100 | 65.0 | 70.7 | 95,500 | 70.0 | 70.1 | 85,700 | 70.0 | 71.2 | 85,500 |
| 60.0 | 70.0 | 107,400 | 65.0 | 69.4 | 95,700 | 70.0 | 68.9 | 86,100 | 75.0 | 68.4 | 77,700 | 75.0 | 69.6 | 77,400 |
| 65.0 | 68.0 | 95,900 | 70.0 | 67.5 | 86,400 | 75.0 | 67.0 | 78,100 | 80.0 | 66.6 | 70,700 | 80.0 | 68.0 | 70,500 |
| 70.0 | 65.8 | 86,600 | 75.0 | 65.5 | 78,300 | 80.0 | 65.2 | 71,200 | 85.0 | 64.9 | 64,700 | 85.0 | 66.3 | 64,500 |
| 75.0 | 63.7 | 78,500 | 80.0 | 63.5 | 71,400 | 85.0 | 63.3 | 65,300 | 90.0 | 63.1 | 59,700 | 90.0 | 64.6 | 59,500 |
| 80.0 | 61.5 | 71,700 | 85.0 | 61.4 | 65,600 | 90.0 | 61.3 | 60,200 | 95.0 | 61.3 | 55,200 | 95.0 | 62.9 | 55,000 |
| 85.0 | 59.3 | 65,800 | 90.0 | 59.3 | 60,500 | 95.0 | 59.4 | 55,700 | 100.0 | 59.4 | 51,000 | 100.0 | 61.2 | 50,800 |
| 90.0 | 57.0 | 60,700 | 95.0 | 57.2 | 56,000 | 100.0 | 57.4 | 51,700 | 110.0 | 55.6 | 44,100 | 110.0 | 57.6 | 43,900 |
| 95.0 | 54.6 | 56,200 | 100.0 | 55.0 | 51,900 | 110.0 | 53.2 | 44,800 | 120.0 | 51.5 | 38,700 | 120.0 | 53.9 | 38,500 |
| 100.0 | 52.2 | 52,200 | 110.0 | 50.4 | 45,000 | 120.0 | 48.7 | 39,300 | 130.0 | 47.3 | 34,000 | 130.0 | 50.0 | 33,800 |
| 110.0 | 47.1 | 45,500 | 120.0 | 45.4 | 39,600 | 130.0 | 44.0 | 34,700 | 140.0 | 42.6 | 30,200 | 140.0 | 45.9 | 30,000 |
| 120.0 | 41.4 | 39,800 | 130.0 | 40.0 | 34,900 | 140.0 | 38.7 | 30,700 | 150.0 | 37.5 | 26,900 | 150.0 | 41.4 | 26,700 |
| 130.0 | 35.0 | 35,500 | 140.0 | 33.7 | 31,200 | 150.0 | 32.7 | 27,600 | 160.0 | 31.7 | 24,000 | 160.0 | 36.4 | 23,800 |
| 136.8 | 30.0 | 33,000 | 145.3 | 30.0 | 29,300 | 154.1 | 30.0 | 26,200 | 162.7 | 30.0 | 23,300 | 170.0 | 30.8 | 21,500 |
| | | | | | | | | | | | | 171.2 | 30.0 | 21,100 |
| Reeves 7 | | | Reeves 6 | | | Reeves 6 | | | Reeves 6 | | | Reeves 6 | | |
| 200' Boom | | | | | | | | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | | | | | | | | | | |
| 43.6 | 80.0 | 143,700 * | | | | | | | | | | | | |
| 44.0 | 79.9 | 142,600 * | | | | | | | | | | | | |
| 46.0 | 79.3 | 136,500 * | | | | | | | | | | | | |
| 48.0 | 78.7 | 131,100 * | | | | | | | | | | | | |
| 50.0 | 78.1 | 125,700 * | | | | | | | | | | | | |
| 55.0 | 76.7 | 113,900 | | | | | | | | | | | | |
| 60.0 | 75.2 | 103,700 | | | | | | | | | | | | |
| 65.0 | 73.7 | 94,200 | | | | | | | | | | | | |
| 70.0 | 72.2 | 85,200 | | | | | | | | | | | | |
| 75.0 | 70.7 | 77,100 | | | | | | | | | | | | |
| 80.0 | 69.1 | 70,100 | | | | | | | | | | | | |
| 85.0 | 67.6 | 64,200 | | | | | | | | | | | | |
| 90.0 | 66.0 | 59,100 | | | | | | | | | | | | |
| 95.0 | 64.4 | 54,500 | | | | | | | | | | | | |
| 100.0 | 62.8 | 50,400 | | | | | | | | | | | | |
| 110.0 | 59.5 | 43,700 | | | | | | | | | | | | |
| 120.0 | 56.0 | 38,000 | | | | | | | | | | | | |
| 130.0 | 52.4 | 33,300 | | | | | | | | | | | | |
| 140.0 | 48.7 | 29,400 | | | | | | | | | | | | |
| 150.0 | 44.6 | 26,100 | | | | | | | | | | | | |
| 160.0 | 40.3 | 23,300 | | | | | | | | | | | | |
| 170.0 | 35.5 | 20,800 | | | | | | | | | | | | |
| 180.0 | 29.9 | 18,500 | | | | | | | | | | | | |
| 180.1 | 29.9 | 18,500 | | | | | | | | | | | | |
| Reeves 5 | | | | | | | | | | | | | | |

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes on page 23.

CK2750G-3 CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 90' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|----|--|--|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | | | |
| 34.1 | 80.0 | 59,500* | | | | 41.0 | 80.0 | 46,700* | | | | 47.9 | 80.0 | 26,600* | | | | 54.8 | 80.0 | 14,900* | | | |
| 36.0 | 79.2 | 58,300* | | | | 42.0 | 79.6 | 46,300* | | | | 48.0 | 79.9 | 26,600* | | | | 55.0 | 79.9 | 14,900* | | | |
| 38.0 | 78.3 | 57,000* | | | | 44.0 | 78.9 | 45,600* | | | | 50.0 | 79.3 | 26,300* | | | | 60.0 | 78.4 | 14,200* | | | |
| 40.0 | 77.4 | 55,900* | | | | 46.0 | 78.1 | 44,900* | | | | 55.0 | 77.5 | 25,500* | | | | 65.0 | 76.8 | 13,700* | | | |
| 42.0 | 76.5 | 55,100* | | | | 48.0 | 77.3 | 44,200* | | | | 60.0 | 75.8 | 24,500* | | | | 70.0 | 75.2 | 13,200* | | | |
| 44.0 | 75.6 | 54,300* | | | | 50.0 | 76.5 | 43,400* | | | | 65.0 | 74.0 | 23,600* | | | | 75.0 | 73.6 | 12,700* | | | |
| 46.0 | 74.7 | 53,500* | 46.2 | 80.0 | 42,500* | 55.0 | 74.5 | 41,700* | 59.0 | 80.0 | 29,700* | 70.0 | 72.2 | 23,000* | 71.8 | 80.1 | 18,000* | 80.0 | 72.0 | 12,200* | | | |
| 48.0 | 73.8 | 52,600* | 48.0 | 79.2 | 42,100* | 60.0 | 72.5 | 40,200* | 60.0 | 79.6 | 29,700* | 75.0 | 70.4 | 22,300* | 75.0 | 78.9 | 17,700* | 85.0 | 70.4 | 11,700* | | | |
| 50.0 | 72.8 | 51,700* | 50.0 | 78.2 | 41,700* | 65.0 | 70.4 | 38,700* | 65.0 | 77.5 | 29,700* | 80.0 | 68.5 | 21,600* | 80.0 | 76.9 | 17,200* | 90.0 | 68.7 | 11,300* | | | |
| 55.0 | 70.5 | 49,600* | 55.0 | 75.8 | 40,500* | 70.0 | 68.4 | 37,500* | 70.0 | 75.4 | 29,100* | 85.0 | 66.7 | 20,700* | 85.0 | 75.0 | 16,700* | 95.0 | 67.0 | 11,000* | | | |
| 60.0 | 68.1 | 47,700* | 60.0 | 73.4 | 39,100* | 75.0 | 66.2 | 36,300* | 75.0 | 73.2 | 28,400* | 90.0 | 64.8 | 20,200* | 90.0 | 73.0 | 16,400* | 100.0 | 65.3 | 10,600* | | | |
| 65.0 | 65.7 | 45,800* | 65.0 | 70.9 | 37,200* | 80.0 | 64.1 | 35,100* | 80.0 | 70.9 | 27,500* | 95.0 | 62.8 | 19,600* | 95.0 | 71.0 | 16,100* | 110.0 | 61.8 | 10,000* | | | |
| 70.0 | 63.2 | 44,300* | 70.0 | 68.3 | 35,700* | 85.0 | 61.9 | 34,000* | 85.0 | 68.6 | 26,500* | 100.0 | 60.8 | 19,000* | 100.0 | 68.9 | 15,700* | 120.0 | 58.1 | 9,400* | | | |
| 75.0 | 60.7 | 42,700* | 75.0 | 65.7 | 34,300* | 90.0 | 59.6 | 32,200* | 90.0 | 66.3 | 25,500* | 110.0 | 56.7 | 18,000* | 110.0 | 64.6 | 15,000* | 130.0 | 54.2 | 8,900* | | | |
| 80.0 | 58.1 | 41,300* | 80.0 | 62.9 | 33,200* | 95.0 | 57.3 | 30,500* | 95.0 | 63.8 | 24,600* | 120.0 | 52.3 | 17,000* | 120.0 | 59.9 | 14,400* | 140.0 | 50.1 | 8,500* | | | |
| 85.0 | 55.4 | 39,900* | 85.0 | 60.1 | 32,000* | 100.0 | 54.9 | 29,100* | 100.0 | 61.3 | 23,700* | 130.0 | 47.6 | 16,200* | 130.0 | 54.9 | 13,900* | 150.0 | 45.7 | 8,100* | | | |
| 90.0 | 52.5 | 38,600* | 90.0 | 57.2 | 31,000* | 110.0 | 49.8 | 26,500* | 110.0 | 56.0 | 22,200* | 140.0 | 42.4 | 15,500* | 140.0 | 49.3 | 13,600* | 160.0 | 40.8 | 7,800* | | | |
| 95.0 | 49.6 | 37,500* | 95.0 | 54.1 | 30,100* | 120.0 | 44.3 | 24,500* | 120.0 | 50.1 | 21,100* | 150.0 | 36.6 | 15,000* | 150.0 | 42.8 | 13,400* | 170.0 | 35.3 | 7,300* | | | |
| 100.0 | 46.5 | 36,400* | 100.0 | 50.9 | 29,300* | 130.0 | 38.0 | 22,800* | 130.0 | 43.2 | 20,300* | 159.4 | 30.0 | 14,500* | 160.0 | 34.4 | 13,400* | 178.1 | 30.0 | 6,800* | | | |
| 110.0 | 39.8 | 34,400* | 110.0 | 43.6 | 28,100* | 140.0 | 30.6 | 21,400* | 140.0 | 34.5 | 19,700* | | | | | | | | | | | | |
| 120.0 | 31.7 | 32,300* | 120.0 | 34.6 | 27,400* | 140.7 | 30.0 | 21,300* | 144.3 | 30.0 | 19,600* | | | | | | | | | | | | |
| 121.7 | 30.0 | 31,900* | 124.3 | 30.0 | 27,300* | | | | | | | | | | | | | | | | | | |
| Reeves | 2 | | Reeves | 2 | | Reeves | 2 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | Reeves | 1 | | |

| 100' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|----|--|--|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | | | |
| 36.1 | 80.0 | 58,200* | | | | 43.0 | 80.0 | 46,700* | | | | 49.5 | 80.0 | 26,600* | | | | 56.4 | 80.0 | 14,900* | | | |
| 38.0 | 79.2 | 57,500* | | | | 44.0 | 79.6 | 46,300* | | | | 50.0 | 79.9 | 26,600* | | | | 60.0 | 79.0 | 14,400* | | | |
| 40.0 | 78.3 | 56,800* | | | | 46.0 | 78.8 | 45,600* | | | | 55.0 | 78.3 | 25,800* | | | | 65.0 | 77.5 | 13,900* | | | |
| 42.0 | 77.5 | 56,000* | | | | 48.0 | 78.1 | 44,900* | | | | 60.0 | 76.6 | 24,900* | | | | 70.0 | 76.0 | 13,400* | | | |
| 44.0 | 76.6 | 55,200* | | | | 50.0 | 77.4 | 44,200* | | | | 65.0 | 74.9 | 24,100* | | | | 75.0 | 74.5 | 12,900* | | | |
| 46.0 | 75.8 | 54,400* | 47.9 | 80.1 | 42,500* | 55.0 | 75.5 | 42,600* | | | | 70.0 | 73.2 | 23,400* | 73.8 | 80.0 | 18,000* | 80.0 | 72.9 | 12,400* | | | |
| 48.0 | 75.0 | 53,700* | 48.0 | 79.9 | 42,500* | 60.0 | 73.6 | 41,100* | 61.0 | 80.0 | 29,700* | 75.0 | 71.5 | 22,700* | 75.0 | 79.5 | 17,900* | 85.0 | 71.4 | 12,100* | | | |
| 50.0 | 74.1 | 53,000* | 50.0 | 79.1 | 42,100* | 65.0 | 71.7 | 39,600* | 65.0 | 78.4 | 29,700* | 80.0 | 69.8 | 22,000* | 80.0 | 77.8 | 17,500* | 90.0 | 69.8 | 11,600* | | | |
| 55.0 | 71.9 | 51,400* | 55.0 | 76.9 | 41,100* | 70.0 | 69.8 | 38,400* | 70.0 | 76.4 | 29,300* | 85.0 | 68.1 | 21,400* | 85.0 | 75.9 | 17,000* | 95.0 | 68.3 | 11,200* | | | |
| 60.0 | 69.8 | 49,700* | 60.0 | 74.7 | 40,000* | 75.0 | 67.8 | 37,200* | 75.0 | 74.4 | 28,800* | 90.0 | 66.3 | 20,700* | 90.0 | 74.1 | 16,600* | 100.0 | 66.6 | 10,900* | | | |
| 65.0 | 67.6 | 48,400* | 65.0 | 72.4 | 38,300* | 80.0 | 65.9 | 36,100* | 80.0 | 72.3 | 28,100* | 95.0 | 64.5 | 20,000* | 95.0 | 72.2 | 16,300* | 110.0 | 63.4 | 10,200* | | | |
| 70.0 | 65.3 | 46,900* | 70.0 | 70.1 | 36,800* | 85.0 | 63.8 | 35,100* | 85.0 | 70.2 | 27,100* | 100.0 | 62.6 | 19,400* | 100.0 | 70.3 | 15,900* | 120.0 | 60.0 | 9,600* | | | |
| 75.0 | 63.0 | 45,500* | 75.0 | 67.7 | 35,300* | 90.0 | 61.8 | 33,700* | 90.0 | 68.0 | 26,100* | 110.0 | 58.8 | 18,400* | 110.0 | 66.3 | 15,300* | 130.0 | 56.4 | 9,100* | | | |
| 80.0 | 60.6 | 44,200* | 80.0 | 65.2 | 34,000* | 95.0 | 59.6 | 32,200* | 95.0 | 65.8 | 25,200* | 120.0 | 54.9 | 17,500* | 120.0 | 62.1 | 14,700* | 140.0 | 52.7 | 8,700* | | | |
| 85.0 | 58.2 | 43,000* | 85.0 | 62.7 | 32,900* | 100.0 | 57.5 | 30,600* | 100.0 | 63.6 | 24,400* | 130.0 | 50.6 | 16,800* | 130.0 | 57.7 | 14,100* | 150.0 | 48.7 | 8,400* | | | |
| 90.0 | 55.7 | 41,700* | 90.0 | 60.1 | 32,000* | 110.0 | 52.9 | 27,900* | 110.0 | 58.8 | 22,900* | 140.0 | 46.1 | 15,900* | 140.0 | 52.8 | 13,800* | 160.0 | 44.4 | 8,000* | | | |
| 95.0 | 53.1 | 40,300* | 95.0 | 57.4 | 31,100* | 120.0 | 48.0 | 25,800* | 120.0 | 53.6 | 21,800* | 150.0 | 41.1 | 15,400* | 150.0 | 47.4 | 13,400* | 170.0 | 39.7 | 7,700* | | | |
| 100.0 | 50.4 | 39,000* | 100.0 | 54.6 | 30,200* | 130.0 | 42.7 | 24,000* | 130.0 | 47.9 | 20,800* | 160.0 | 35.4 | 14,800* | 160.0 | 41.0 | 13,400* | 180.0 | 34.3 | 7,300* | | | |
| 110.0 | 44.7 | 36,500* | 110.0 | 48.5 | 28,800* | 140.0 | 36.6 | 22,400* | 140.0 | 41.3 | 20,100* | 167.9 | 30.0 | 14,500* | 170.0 | 33.0 | 13,400* | 187.0 | 30.0 | 6,600* | | | |
| 120.0 | 38.2 | 34,100* | 120.0 | 41.6 | 27,800* | 149.2 | 30.0 | 21,300* | 150.0 | 33.0 | 19,600* | | | | | | | | | | | | |
| 130.0 | 30.4 | 32,000* | 130.0 | 33.0 | 27,300* | | | | 152.8 | 30.0 | 19,600* | | | | | | | | | | | | |
| 130.5 | 30.0 | 31,900* | 132.8 | 30.0 | 27,300* | | | | | | | | | | | | | | | | | | |
| Reeves | 2 | | Reeves | 2 | | Reeves | 2 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | Reeves | 1 | | |

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes on page 23.

CK2750G-3 CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 110' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|----|--|--|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | | | |
| 37.7 | 80.0 | 58,400* | | | | 44.6 | 80.0 | 46,700* | | | | 51.5 | 80.0 | 26,600* | | | | 58.4 | 80.0 | 14,700* | | | |
| 38.0 | 79.9 | 58,300* | | | | 46.0 | 79.5 | 46,200* | | | | 55.0 | 78.9 | 26,200* | | | | 60.0 | 79.5 | 14,600* | | | |
| 40.0 | 79.1 | 57,700* | | | | 48.0 | 78.8 | 45,600* | | | | 60.0 | 77.3 | 25,400* | | | | 65.0 | 78.1 | 14,100* | | | |
| 42.0 | 78.3 | 56,900* | | | | 50.0 | 78.1 | 44,900* | | | | 65.0 | 75.8 | 24,500* | | | | 70.0 | 76.7 | 13,600* | | | |
| 44.0 | 77.6 | 56,100* | | | | 55.0 | 76.4 | 43,300* | | | | 70.0 | 74.2 | 23,800* | | | | 75.0 | 75.2 | 13,100* | | | |
| 46.0 | 76.8 | 55,300* | | | | 60.0 | 74.6 | 41,800* | 62.6 | 80.0 | 29,700* | 75.0 | 72.6 | 23,200* | 75.4 | 80.0 | 17,800* | 80.0 | 73.8 | 12,700* | | | |
| 48.0 | 76.0 | 54,600* | 49.8 | 80.0 | 42,500* | 65.0 | 72.8 | 40,500* | 65.0 | 79.1 | 29,700* | 80.0 | 70.9 | 22,500* | 80.0 | 78.5 | 17,500* | 85.0 | 72.3 | 12,300* | | | |
| 50.0 | 75.2 | 53,900* | 50.0 | 79.9 | 42,500* | 70.0 | 71.1 | 39,300* | 70.0 | 77.3 | 29,600* | 85.0 | 69.3 | 21,800* | 85.0 | 76.8 | 17,200* | 90.0 | 70.9 | 11,800* | | | |
| 55.0 | 73.2 | 52,300* | 55.0 | 77.9 | 41,400* | 75.0 | 69.2 | 38,100* | 75.0 | 75.4 | 29,100* | 90.0 | 67.6 | 21,100* | 90.0 | 75.0 | 16,800* | 95.0 | 69.4 | 11,400* | | | |
| 60.0 | 71.2 | 50,800* | 60.0 | 75.8 | 40,500* | 80.0 | 67.4 | 37,000* | 80.0 | 73.5 | 28,400* | 95.0 | 66.0 | 20,600* | 95.0 | 73.3 | 16,400* | 100.0 | 67.9 | 11,100* | | | |
| 65.0 | 69.1 | 49,300* | 65.0 | 73.7 | 39,100* | 85.0 | 65.5 | 35,900* | 85.0 | 71.5 | 27,800* | 100.0 | 64.2 | 20,000* | 100.0 | 71.5 | 16,000* | 110.0 | 64.8 | 10,400* | | | |
| 70.0 | 67.1 | 47,900* | 70.0 | 71.5 | 37,600* | 90.0 | 63.6 | 34,900* | 90.0 | 69.5 | 26,800* | 110.0 | 60.7 | 18,800* | 110.0 | 67.8 | 15,500* | 120.0 | 61.6 | 9,800* | | | |
| 75.0 | 64.9 | 46,600* | 75.0 | 69.4 | 36,200* | 95.0 | 61.6 | 33,600* | 95.0 | 67.5 | 25,900* | 120.0 | 57.1 | 18,100* | 120.0 | 64.0 | 14,900* | 130.0 | 58.3 | 9,300* | | | |
| 80.0 | 62.8 | 45,300* | 80.0 | 67.1 | 35,000* | 100.0 | 59.7 | 32,100* | 100.0 | 65.4 | 25,000* | 130.0 | 53.2 | 17,200* | 130.0 | 59.9 | 14,400* | 140.0 | 54.8 | 8,900* | | | |
| 85.0 | 60.6 | 44,100* | 85.0 | 64.9 | 34,000* | 110.0 | 55.5 | 29,400* | 110.0 | 61.1 | 23,500* | 140.0 | 49.1 | 16,300* | 140.0 | 55.6 | 14,000* | 150.0 | 51.2 | 8,400* | | | |
| 90.0 | 58.3 | 43,100* | 90.0 | 62.5 | 33,000* | 120.0 | 51.2 | 27,100* | 120.0 | 56.5 | 22,400* | 150.0 | 44.7 | 15,700* | 150.0 | 50.9 | 13,600* | 160.0 | 47.3 | 8,200* | | | |
| 95.0 | 56.0 | 42,000* | 95.0 | 60.1 | 31,900* | 130.0 | 46.5 | 25,100* | 130.0 | 51.6 | 21,200* | 160.0 | 39.8 | 15,200* | 160.0 | 45.6 | 13,400* | 170.0 | 43.2 | 7,900* | | | |
| 100.0 | 53.6 | 40,800* | 100.0 | 57.6 | 31,000* | 140.0 | 41.3 | 23,500* | 140.0 | 46.0 | 20,500* | 170.0 | 34.3 | 14,700* | 170.0 | 39.4 | 13,400* | 180.0 | 38.5 | 7,600* | | | |
| 110.0 | 48.5 | 38,500* | 110.0 | 52.3 | 29,700* | 150.0 | 35.4 | 22,100* | 150.0 | 39.6 | 19,900* | 176.8 | 30.0 | 14,500* | 180.0 | 31.5 | 13,400* | 190.0 | 33.3 | 7,000* | | | |
| 120.0 | 43.0 | 36,000* | 120.0 | 46.5 | 28,400* | 158.1 | 30.0 | 21,300* | 160.0 | 31.5 | 19,600* | | | | 181.7 | 30.0 | 13,400* | 195.5 | 30.0 | 6,600* | | | |
| 130.0 | 36.8 | 33,500* | 130.0 | 39.8 | 27,600* | | | | 161.7 | 30.0 | 19,600* | | | | | | | | | | | | |
| 139.1 | 30.0 | 31,900* | 140.0 | 31.5 | 27,300* | | | | | | | | | | | | | | | | | | |
| | | | 141.7 | 30.0 | 27,300* | | | | | | | | | | | | | | | | | | |
| Reeves | 2 | | Reeves | 2 | | Reeves | 2 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | Reeves | 1 | | |

| 120' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|----|--|--|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | | | |
| 39.4 | 80.1 | 58,600* | | | | 46.3 | 80.0 | 46,700* | | | | 53.1 | 80.0 | 26,600* | | | | 60.0 | 80.0 | 14,900* | | | |
| 40.0 | 79.8 | 58,400* | | | | 48.0 | 79.4 | 46,100* | | | | 55.0 | 79.5 | 26,300* | | | | 65.0 | 78.7 | 14,400* | | | |
| 42.0 | 79.1 | 57,600* | | | | 50.0 | 78.8 | 45,500* | | | | 60.0 | 78.0 | 25,600* | | | | 70.0 | 77.3 | 13,800* | | | |
| 44.0 | 78.3 | 56,900* | | | | 55.0 | 77.2 | 43,900* | | | | 65.0 | 76.5 | 24,700* | | | | 75.0 | 75.9 | 13,300* | | | |
| 46.0 | 77.6 | 56,100* | | | | 60.0 | 75.5 | 42,500* | 64.3 | 80.0 | 29,700* | 70.0 | 75.0 | 24,100* | | | | 80.0 | 74.6 | 12,900* | | | |
| 48.0 | 76.9 | 55,500* | | | | 65.0 | 73.8 | 41,100* | 65.0 | 79.8 | 29,700* | 75.0 | 73.5 | 23,400* | 77.0 | 80.0 | 17,800* | 85.0 | 73.2 | 12,500* | | | |
| 50.0 | 76.1 | 54,800* | 51.5 | 80.0 | 42,500* | 70.0 | 72.2 | 39,900* | 70.0 | 78.0 | 29,700* | 80.0 | 72.0 | 22,800* | 80.0 | 79.1 | 17,700* | 90.0 | 71.8 | 12,000* | | | |
| 55.0 | 74.3 | 53,200* | 55.0 | 78.7 | 41,900* | 75.0 | 70.5 | 38,700* | 75.0 | 76.3 | 29,300* | 85.0 | 70.4 | 22,200* | 85.0 | 77.5 | 17,400* | 95.0 | 70.4 | 11,600* | | | |
| 60.0 | 72.4 | 51,700* | 60.0 | 76.7 | 41,000* | 80.0 | 68.7 | 37,600* | 80.0 | 74.5 | 28,700* | 90.0 | 68.8 | 21,600* | 90.0 | 75.9 | 16,900* | 100.0 | 68.9 | 11,300* | | | |
| 65.0 | 70.5 | 50,200* | 65.0 | 74.8 | 40,000* | 85.0 | 67.0 | 36,600* | 85.0 | 72.7 | 28,200* | 95.0 | 67.3 | 21,000* | 95.0 | 74.3 | 16,500* | 110.0 | 66.0 | 10,600* | | | |
| 70.0 | 68.6 | 48,800* | 70.0 | 72.8 | 38,500* | 90.0 | 65.2 | 35,800* | 90.0 | 70.8 | 27,400* | 100.0 | 65.7 | 20,500* | 100.0 | 72.6 | 16,200* | 120.0 | 63.0 | 10,000* | | | |
| 75.0 | 66.6 | 47,600* | 75.0 | 70.8 | 37,100* | 95.0 | 63.4 | 34,800* | 95.0 | 69.0 | 26,500* | 110.0 | 62.4 | 19,300* | 110.0 | 69.2 | 15,700* | 130.0 | 60.0 | 9,500* | | | |
| 80.0 | 64.6 | 46,400* | 80.0 | 68.7 | 35,800* | 100.0 | 61.6 | 33,600* | 100.0 | 67.1 | 25,700* | 120.0 | 59.0 | 18,500* | 120.0 | 65.6 | 15,100* | 140.0 | 56.7 | 9,100* | | | |
| 85.0 | 62.6 | 45,200* | 85.0 | 66.7 | 34,600* | 110.0 | 57.8 | 30,800* | 110.0 | 63.1 | 24,200* | 130.0 | 55.4 | 17,700* | 130.0 | 61.9 | 14,600* | 150.0 | 53.4 | 8,800* | | | |
| 90.0 | 60.5 | 44,000* | 90.0 | 64.5 | 33,600* | 120.0 | 53.8 | 28,400* | 120.0 | 59.0 | 22,900* | 140.0 | 51.7 | 16,800* | 140.0 | 57.9 | 14,200* | 160.0 | 49.9 | 8,300* | | | |
| 95.0 | 58.4 | 42,900* | 95.0 | 62.3 | 32,700* | 130.0 | 49.5 | 26,400* | 130.0 | 54.5 | 21,900* | 150.0 | 47.7 | 16,100* | 150.0 | 53.7 | 13,900* | 170.0 | 46.1 | 8,100* | | | |
| 100.0 | 56.3 | 41,700* | 100.0 | 60.1 | 31,900* | 140.0 | 45.0 | 24,600* | 140.0 | 49.7 | 21,000* | 160.0 | 43.4 | 15,700* | 160.0 | 49.1 | 13,500* | 180.0 | 42.0 | 7,800* | | | |
| 110.0 | 51.7 | 39,500* | 110.0 | 55.4 | 30,400* | 150.0 | 40.0 | 23,200* | 150.0 | 44.3 | 20,300* | 170.0 | 38.7 | 15,000* | 170.0 | 44.0 | 13,400* | 190.0 | 37.5 | 7,500* | | | |
| 120.0 | 46.9 | 37,200* | 120.0 | 50.3 | 29,100* | 160.0 | 34.3 | 22,000* | 160.0 | 38.0 | 19,800* | 180.0 | 33.3 | 14,600* | 180.0 | 37.9 | 13,400* | 200.0 | 32.4 | 7,200* | | | |
| 130.0 | 41.5 | 35,000* | 130.0 | 44.7 | 28,300* | 166.6 | 30.0 | 21,100* | 170.0 | 30.2 | 19,600* | 185.3 | 30.0 | 14,300* | 190.0 | 30.2 | 13,400* | 204.3 | 30.0 | 6,800* | | | |
| 140.0 | 35.5 | 33,200* | 140.0 | 38.2 | 27,600* | | | | 170.2 | 30.0 | 19,600* | | | | 190.2 | 30.0 | 13,400* | | | | | | |
| 147.9 | 30.0 | 31,700* | 150.0 | 30.2 | 27,300* | | | | | | | | | | | | | | | | | | |
| Reeves | 2 | | Reeves | 2 | | Reeves | 2 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | Reeves | 1 | | |

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes on page 23.

CK2750G-3 CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 130' Boom | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|--------|--------|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | | |
| 41.3 | 80.0 | 58,400* | | | | 47.9 | 80.0 | 46,700* | | | | 54.8 | 80.0 | 26,600* | | | | 61.7 | 80.0 | 14,900* | | | | | |
| 42.0 | 79.7 | 58,100* | | | | 48.0 | 79.9 | 46,700* | | | | 55.0 | 79.9 | 26,600* | | | | 65.0 | 79.2 | 14,600* | | | | | |
| 44.0 | 79.0 | 57,500* | | | | 50.0 | 79.4 | 46,100* | | | | 60.0 | 78.6 | 25,800* | | | | 70.0 | 77.9 | 14,100* | | | | | |
| 46.0 | 78.4 | 56,800* | | | | 55.0 | 77.9 | 44,600* | | | | 65.0 | 77.2 | 25,200* | | | | 75.0 | 76.6 | 13,600* | | | | | |
| 48.0 | 77.7 | 56,100* | | | | 60.0 | 76.3 | 43,100* | | | | 70.0 | 75.7 | 24,500* | | | | 80.0 | 75.3 | 13,100* | | | | | |
| 50.0 | 77.0 | 55,500* | 53.1 | 80.0 | 42,300* | 65.0 | 74.7 | 41,800* | 65.9 | 80.0 | 29,700* | 75.0 | 74.3 | 23,800* | 79.0 | 80.0 | 17,800* | 85.0 | 74.0 | 12,800* | | | | | |
| 55.0 | 75.2 | 53,900* | 55.0 | 79.4 | 42,000* | 70.0 | 73.1 | 40,600* | 70.0 | 78.7 | 29,700* | 80.0 | 72.9 | 23,100* | 80.0 | 79.7 | 17,700* | 90.0 | 72.6 | 12,300* | | | 91.8 | 80.0 | 9,700* |
| 60.0 | 73.5 | 52,400* | 60.0 | 77.6 | 41,300* | 75.0 | 71.5 | 39,400* | 75.0 | 77.1 | 29,400* | 85.0 | 71.4 | 22,500* | 85.0 | 78.2 | 17,400* | 95.0 | 71.3 | 11,900* | 95.0 | 79.1 | 9,400* | | |
| 65.0 | 71.7 | 51,000* | 65.0 | 75.7 | 40,600* | 80.0 | 69.9 | 38,300* | 80.0 | 75.4 | 29,000* | 90.0 | 69.9 | 22,000* | 90.0 | 76.6 | 17,100* | 100.0 | 69.9 | 11,500* | 100.0 | 77.7 | 9,200* | | |
| 70.0 | 69.9 | 49,700* | 70.0 | 73.9 | 39,200* | 85.0 | 68.3 | 37,300* | 85.0 | 73.7 | 28,600* | 95.0 | 68.4 | 21,500* | 95.0 | 75.1 | 16,700* | 110.0 | 67.2 | 10,900* | 110.0 | 74.8 | 8,800* | | |
| 75.0 | 68.1 | 48,400* | 75.0 | 72.0 | 37,900* | 90.0 | 66.6 | 36,400* | 90.0 | 72.0 | 27,800* | 100.0 | 66.9 | 20,900* | 100.0 | 73.5 | 16,400* | 120.0 | 64.4 | 10,400* | 120.0 | 71.9 | 8,500* | | |
| 80.0 | 66.2 | 47,100* | 80.0 | 70.1 | 36,500* | 95.0 | 64.9 | 35,600* | 95.0 | 70.2 | 27,000* | 110.0 | 63.8 | 19,700* | 110.0 | 70.3 | 15,900* | 130.0 | 61.4 | 9,700* | 130.0 | 68.9 | 8,100* | | |
| 85.0 | 64.4 | 45,900* | 85.0 | 68.2 | 35,500* | 100.0 | 63.2 | 34,600* | 100.0 | 68.5 | 26,200* | 120.0 | 60.7 | 18,900* | 120.0 | 67.0 | 15,300* | 140.0 | 58.4 | 9,400* | 140.0 | 65.7 | 8,000* | | |
| 90.0 | 62.5 | 44,500* | 90.0 | 66.3 | 34,500* | 110.0 | 59.7 | 32,100* | 110.0 | 64.8 | 24,700* | 130.0 | 57.4 | 18,100* | 130.0 | 63.6 | 14,800* | 150.0 | 55.3 | 9,000* | 150.0 | 62.5 | 7,700* | | |
| 95.0 | 60.5 | 43,400* | 95.0 | 64.3 | 33,500* | 120.0 | 56.0 | 29,600* | 120.0 | 61.0 | 23,500* | 140.0 | 53.9 | 17,200* | 140.0 | 59.9 | 14,400* | 160.0 | 52.1 | 8,500* | 160.0 | 59.0 | 7,600* | | |
| 100.0 | 58.5 | 42,300* | 100.0 | 62.2 | 32,600* | 130.0 | 52.2 | 27,500* | 130.0 | 57.0 | 22,300* | 150.0 | 50.3 | 16,500* | 150.0 | 56.1 | 14,100* | 170.0 | 48.6 | 8,300* | 170.0 | 55.4 | 7,400* | | |
| 110.0 | 54.4 | 40,000* | 110.0 | 57.9 | 31,100* | 140.0 | 48.1 | 25,700* | 140.0 | 52.7 | 21,600* | 160.0 | 46.4 | 16,000* | 160.0 | 52.0 | 13,800* | 180.0 | 44.9 | 8,000* | 180.0 | 51.4 | 7,200* | | |
| 120.0 | 50.0 | 37,700 | 120.0 | 53.4 | 29,700* | 150.0 | 43.7 | 24,100* | 150.0 | 48.0 | 20,700* | 170.0 | 42.2 | 15,400* | 170.0 | 47.5 | 13,400* | 190.0 | 41.0 | 7,700* | 190.0 | 47.1 | 7,200* | | |
| 130.0 | 45.3 | 35,700 | 130.0 | 48.5 | 28,700* | 160.0 | 38.8 | 22,800* | 160.0 | 42.7 | 20,100* | 180.0 | 37.6 | 15,000* | 180.0 | 42.5 | 13,400* | 200.0 | 36.6 | 7,400* | 200.0 | 42.2 | 6,900* | | |
| 140.0 | 40.2 | 33,700 | 140.0 | 43.0 | 28,000* | 170.0 | 33.3 | 21,600* | 170.0 | 36.7 | 19,800* | 190.0 | 32.4 | 14,500* | 190.0 | 36.6 | 13,400* | 210.0 | 31.6 | 7,200* | 210.0 | 36.5 | 6,600 | | |
| 150.0 | 34.3 | 31,500 | 150.0 | 36.8 | 27,300* | 175.1 | 30.0 | 21,100* | 178.8 | 30.0 | 19,600* | 194.2 | 30.0 | 14,300 | 198.8 | 30.0 | 13,400* | 212.9 | 30.0 | 6,800* | 218.8 | 30.0 | 5,900 | | |
| 156.4 | 30.0 | 29,700 | 158.7 | 30.0 | 27,300* | | | | | | | | | | | | | | | | | | | | |
| Reeves | 2 | | Reeves | 2 | | Reeves | 2 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 |

| 140' Boom | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|--------|---|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | | |
| 43.0 | 80.0 | 58,400* | | | | 49.9 | 80.0 | 46,700* | | | | 56.8 | 80.0 | 26,600* | | | | 63.3 | 80.0 | 14,900* | | | | | |
| 44.0 | 79.7 | 58,100* | | | | 50.0 | 79.9 | 46,600* | | | | 60.0 | 79.1 | 26,200* | | | | 65.0 | 79.6 | 14,800* | | | | | |
| 46.0 | 79.0 | 57,500* | | | | 55.0 | 78.5 | 45,100* | | | | 65.0 | 77.8 | 25,400* | | | | 70.0 | 78.4 | 14,300* | | | | | |
| 48.0 | 78.4 | 56,800* | | | | 60.0 | 77.0 | 43,800* | | | | 70.0 | 76.4 | 24,700* | | | | 75.0 | 77.2 | 13,800* | | | | | |
| 50.0 | 77.7 | 56,100* | | | | 65.0 | 75.5 | 42,400* | 67.9 | 80.0 | 29,700* | 75.0 | 75.0 | 24,000* | | | | 80.0 | 75.9 | 13,300* | | | | | |
| 55.0 | 76.1 | 54,600* | 55.1 | 80.0 | 42,300* | 70.0 | 74.0 | 41,200* | 70.0 | 79.3 | 29,700* | 80.0 | 73.7 | 23,400* | 80.7 | 80.0 | 17,800* | 85.0 | 74.7 | 13,000* | | | | | |
| 60.0 | 74.4 | 53,300* | 60.0 | 78.3 | 41,700* | 75.0 | 72.5 | 40,100* | 75.0 | 77.8 | 29,500* | 85.0 | 72.3 | 22,900* | 85.0 | 78.8 | 17,600* | 90.0 | 73.4 | 12,500* | 93.5 | 80.0 | 9,700* | | |
| 65.0 | 72.8 | 51,900* | 65.0 | 76.6 | 41,000* | 80.0 | 71.0 | 38,900* | 80.0 | 76.2 | 29,200* | 90.0 | 70.9 | 22,400* | 90.0 | 77.3 | 17,300* | 95.0 | 72.1 | 12,100* | 95.0 | 79.6 | 9,600* | | |
| 70.0 | 71.1 | 50,600* | 70.0 | 74.9 | 39,900* | 85.0 | 69.4 | 37,900* | 85.0 | 74.6 | 28,900* | 95.0 | 69.5 | 21,800* | 95.0 | 75.9 | 16,900* | 100.0 | 70.8 | 11,700* | 100.0 | 78.3 | 9,400* | | |
| 75.0 | 69.4 | 49,400* | 75.0 | 73.1 | 38,700* | 90.0 | 67.9 | 37,100* | 90.0 | 73.0 | 28,400* | 100.0 | 68.1 | 21,200* | 100.0 | 74.4 | 16,600* | 110.0 | 68.2 | 11,100* | 110.0 | 75.6 | 9,000* | | |
| 80.0 | 67.6 | 48,400* | 80.0 | 71.4 | 37,400* | 95.0 | 66.3 | 36,200* | 95.0 | 71.4 | 27,600* | 110.0 | 65.1 | 20,200* | 110.0 | 71.4 | 15,900* | 120.0 | 65.5 | 10,600* | 120.0 | 72.8 | 8,700* | | |
| 85.0 | 65.9 | 47,400* | 85.0 | 69.6 | 36,200* | 100.0 | 64.7 | 35,400* | 100.0 | 69.7 | 26,800* | 120.0 | 62.2 | 19,200* | 120.0 | 68.3 | 15,500* | 130.0 | 62.8 | 10,100* | 130.0 | 69.9 | 8,400* | | |
| 90.0 | 64.1 | 46,100* | 90.0 | 67.7 | 35,200* | 110.0 | 61.4 | 33,400* | 110.0 | 66.3 | 25,300* | 130.0 | 59.1 | 18,400* | 130.0 | 65.0 | 15,000* | 140.0 | 60.0 | 9,600* | 140.0 | 67.0 | 8,000* | | |
| 95.0 | 62.3 | 44,800* | 95.0 | 65.9 | 34,300* | 120.0 | 58.0 | 30,800* | 120.0 | 62.8 | 24,000* | 140.0 | 55.9 | 17,700* | 140.0 | 61.7 | 14,600* | 150.0 | 57.0 | 9,200* | 150.0 | 63.9 | 7,900* | | |
| 100.0 | 60.5 | 43,700* | 100.0 | 64.0 | 33,400* | 130.0 | 54.4 | 28,600* | 130.0 | 59.1 | 23,000* | 150.0 | 52.5 | 17,000* | 150.0 | 58.2 | 14,100* | 160.0 | 54.0 | 8,700* | 160.0 | 60.7 | 7,700* | | |
| 110.0 | 56.7 | 41,700 | 110.0 | 60.1 | 31,700* | 140.0 | 50.7 | 26,700* | 140.0 | 55.2 | 22,000* | 160.0 | 49.0 | 16,300* | 160.0 | 54.4 | 14,000* | 170.0 | 50.8 | 8,300* | 170.0 | 57.4 | 7,500* | | |
| 120.0 | 52.7 | 39,400 | 120.0 | 56.0 | 30,400* | 150.0 | 46.7 | 25,200* | 150.0 | 51.0 | 21,200* | 170.0 | 45.2 | 15,800* | 170.0 | 50.4 | 13,600* | 180.0 | 47.4 | 8,200* | 180.0 | 53.8 | 7,200* | | |
| 130.0 | 48.5 | 37,200 | 130.0 | 51.6 | 29,400* | 160.0 | 42.4 | 23,900* | 160.0 | 46.4 | 20,500* | 180.0 | 41.1 | 15,300* | 180.0 | 46.0 | 13,400* | 190.0 | 43.9 | 7,900* | 190.0 | 49.9 | 7,200* | | |
| 140.0 | 43.9 | 34,000 | 140.0 | 46.8 | 28,500* | 170.0 | 37.7 | 22,500* | 170.0 | 41.4 | 20,000* | 190.0 | 36.7 | 15,000* | 190.0 | 41.2 | 13,400* | 200.0 | 40.0 | 7,700* | 200.0 | 45.7 | 7,000* | | |
| 150.0 | 39.0 | 31,100 | 150.0 | 41.6 | 27,800* | 180.0 | 32.3 | 21,500* | 180.0 | 35.5 | 19,700* | 200.0 | 31.5 | 14,500* | 200.0 | 35.3 | 13,400* | 210.0 | 35.7 | 7,400* | 210.0 | 41.0 | 7,000 | | |
| 160.0 | 33.3 | 28,100 | 160.0 | 35.4 | 27,300 | 184.0 | 30.0 | 21,100* | 187.6 | 30.0 | 19,600* | 202.7 | 30.0 | 14,500* | 207.6 | 30.0 | 13,400* | 220.0 | 30.8 | 6,800* | 220.0 | 35.3 | 6,400 | | |
| 165.0 | 30.0 | 26,600 | 167.6 | 30.0 | 26,400 | | | | | | | | | | | | | | | | | | | | |
| Reeves | 2 | | Reeves | 2 | | Reeves | 2 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 |

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes on page 23.

CK2750G-3 CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 150' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|--------|------|--------|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | | | |
| 44.6 | 80.0 | 58,400* | | | | 51.5 | 80.0 | 46,700* | | | | 58.4 | 80.0 | 26,600* | | | | 65.2 | 80.0 | 14,700* | | | |
| 46.0 | 79.6 | 57,900* | | | | 55.0 | 79.0 | 45,600* | | | | 60.0 | 79.6 | 26,500* | | | | 70.0 | 78.9 | 14,300* | | | |
| 48.0 | 79.0 | 57,300* | | | | 60.0 | 77.6 | 44,300* | | | | 65.0 | 78.3 | 25,600* | | | | 75.0 | 77.7 | 13,900* | | | |
| 50.0 | 78.4 | 56,700* | | | | 65.0 | 76.2 | 43,100* | 69.5 | 80.0 | 29,700* | 70.0 | 77.0 | 25,100* | | | | 80.0 | 76.5 | 13,500* | | | |
| 55.0 | 76.8 | 55,300* | 56.7 | 80.0 | 42,300* | 70.0 | 74.8 | 41,900* | 70.0 | 79.9 | 29,700* | 75.0 | 75.7 | 24,500* | | | | 85.0 | 75.3 | 13,000* | | | |
| 60.0 | 75.3 | 53,900* | 60.0 | 78.9 | 41,900* | 75.0 | 73.4 | 40,700* | 75.0 | 78.4 | 29,600* | 80.0 | 74.4 | 23,800* | 80.0 | 80.0 | 17,800* | 90.0 | 74.1 | 12,600* | | | |
| 65.0 | 73.7 | 52,600* | 65.0 | 77.3 | 41,300* | 80.0 | 71.9 | 39,600* | 80.0 | 76.9 | 29,400* | 85.0 | 73.1 | 23,100* | 85.0 | 79.3 | 17,600* | 95.0 | 72.9 | 12,300* | 95.1 | 80.0 | 9,700* |
| 70.0 | 72.1 | 51,200* | 70.0 | 75.7 | 40,400* | 85.0 | 70.5 | 38,600* | 85.0 | 75.4 | 29,100* | 90.0 | 71.8 | 22,600* | 90.0 | 77.9 | 17,300* | 100.0 | 71.6 | 12,000* | 100.0 | 78.8 | 9,400* |
| 75.0 | 70.5 | 49,900* | 75.0 | 74.1 | 39,300* | 90.0 | 69.0 | 37,700* | 90.0 | 73.9 | 28,600* | 95.0 | 70.4 | 22,100* | 95.0 | 76.5 | 16,900* | 110.0 | 69.1 | 11,300* | 110.0 | 76.2 | 9,000* |
| 80.0 | 68.9 | 48,600* | 80.0 | 72.4 | 38,000* | 95.0 | 67.5 | 36,900* | 95.0 | 72.4 | 28,000* | 100.0 | 69.1 | 21,600* | 100.0 | 75.1 | 16,700* | 120.0 | 66.6 | 10,800* | 120.0 | 73.6 | 8,700* |
| 85.0 | 67.3 | 47,400* | 85.0 | 70.8 | 36,800* | 100.0 | 66.0 | 36,100* | 100.0 | 70.8 | 27,200* | 110.0 | 66.3 | 20,600* | 110.0 | 72.3 | 16,100* | 130.0 | 64.0 | 10,200* | 130.0 | 70.9 | 8,400* |
| 90.0 | 65.6 | 46,100* | 90.0 | 69.1 | 35,800* | 110.0 | 62.9 | 34,500* | 110.0 | 67.6 | 25,700* | 120.0 | 63.5 | 19,700* | 120.0 | 69.4 | 15,500* | 140.0 | 61.3 | 9,800* | 140.0 | 68.1 | 8,100* |
| 95.0 | 63.9 | 44,800* | 95.0 | 67.3 | 34,900* | 120.0 | 59.7 | 32,100* | 120.0 | 64.3 | 24,500* | 130.0 | 60.6 | 18,800* | 130.0 | 66.3 | 15,200* | 150.0 | 58.6 | 9,300* | 150.0 | 65.2 | 7,900* |
| 100.0 | 62.2 | 43,700* | 100.0 | 65.6 | 34,100* | 130.0 | 56.4 | 29,700* | 130.0 | 60.9 | 23,400* | 140.0 | 57.6 | 18,100* | 140.0 | 63.2 | 14,600* | 160.0 | 55.7 | 8,900* | 160.0 | 62.2 | 7,700* |
| 110.0 | 58.7 | 41,300 | 110.0 | 62.0 | 32,400* | 140.0 | 53.0 | 27,800* | 140.0 | 57.3 | 22,400* | 150.0 | 54.5 | 17,400* | 150.0 | 60.0 | 14,300* | 170.0 | 52.8 | 8,600* | 170.0 | 59.1 | 7,500* |
| 120.0 | 55.0 | 38,700 | 120.0 | 58.2 | 31,100* | 150.0 | 49.4 | 26,100* | 150.0 | 53.5 | 21,600* | 160.0 | 51.2 | 16,800* | 160.0 | 56.5 | 14,000* | 180.0 | 49.6 | 8,300* | 180.0 | 55.8 | 7,400* |
| 130.0 | 51.2 | 36,200 | 130.0 | 54.2 | 29,900* | 160.0 | 45.5 | 24,700* | 160.0 | 49.4 | 20,900* | 170.0 | 47.8 | 16,100* | 170.0 | 52.9 | 13,800* | 190.0 | 46.4 | 8,100* | 190.0 | 52.3 | 7,200* |
| 140.0 | 47.1 | 33,500 | 140.0 | 49.9 | 29,000* | 170.0 | 41.3 | 23,400* | 170.0 | 45.0 | 20,300* | 180.0 | 44.1 | 15,600* | 180.0 | 49.0 | 13,500* | 200.0 | 42.9 | 7,800* | 200.0 | 48.5 | 7,200* |
| 150.0 | 42.7 | 30,200 | 150.0 | 45.3 | 28,200* | 180.0 | 36.7 | 22,400 | 180.0 | 40.0 | 19,900* | 190.0 | 40.1 | 15,200* | 190.0 | 44.7 | 13,400* | 210.0 | 39.1 | 7,400* | 210.0 | 44.4 | 7,000* |
| 160.0 | 37.8 | 27,300 | 160.0 | 40.2 | 27,300 | 190.0 | 31.5 | 21,400 | 190.0 | 34.3 | 19,600* | 200.0 | 35.7 | 14,800* | 200.0 | 39.9 | 13,400* | 220.0 | 34.9 | 7,300* | 220.0 | 39.7 | 6,700 |
| 170.0 | 32.3 | 24,800 | 170.0 | 34.3 | 25,000 | 192.5 | 30.0 | 21,100 | 196.1 | 30.0 | 19,600 | 210.0 | 30.8 | 14,500* | 210.0 | 34.3 | 13,400* | 230.0 | 30.1 | 6,800* | 230.0 | 34.2 | 6,300 |
| 173.8 | 30.0 | 24,000 | 176.1 | 30.0 | 23,500 | | | | | | | 211.2 | 30.0 | 14,300* | 216.2 | 30.0 | 13,400* | 230.3 | 30.0 | 6,800* | 236.2 | 30.0 | 6,100 |
| Reeves | 2 | | Reeves | 2 | | Reeves | 2 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | |

| 160' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|--------|------|--------|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | | | |
| 46.3 | 80.0 | 58,400* | | | | 53.1 | 80.0 | 46,700* | | | | 60.0 | 80.0 | 26,600* | | | | 66.9 | 80.0 | 14,700* | | | |
| 48.0 | 79.5 | 57,900* | | | | 55.0 | 79.5 | 46,200* | | | | 65.0 | 78.8 | 26,000* | | | | 70.0 | 79.3 | 14,500* | | | |
| 50.0 | 79.0 | 57,300* | | | | 60.0 | 78.2 | 44,900* | | | | 70.0 | 77.6 | 25,400* | | | | 75.0 | 78.2 | 14,100* | | | |
| 55.0 | 77.5 | 55,900* | 58.3 | 80.0 | 42,300* | 65.0 | 76.9 | 43,500* | | | | 75.0 | 76.3 | 24,700* | | | | 80.0 | 77.0 | 13,700* | | | |
| 60.0 | 76.0 | 54,600* | 60.0 | 79.5 | 42,200* | 70.0 | 75.5 | 42,300* | 71.1 | 80.0 | 29,700* | 80.0 | 75.1 | 24,100* | 83.9 | 80.0 | 17,800* | 85.0 | 75.9 | 13,200* | | | |
| 65.0 | 74.5 | 53,200* | 65.0 | 78.0 | 41,500* | 75.0 | 74.1 | 41,300* | 75.0 | 79.0 | 29,700* | 85.0 | 73.8 | 23,600* | 85.0 | 79.8 | 17,800* | 90.0 | 74.7 | 12,900* | | | |
| 70.0 | 73.0 | 51,800* | 70.0 | 76.5 | 40,800* | 80.0 | 72.8 | 40,300* | 80.0 | 77.6 | 29,600* | 90.0 | 72.6 | 23,100* | 90.0 | 78.5 | 17,500* | 95.0 | 73.6 | 12,500* | 97.1 | 80.0 | 9,200* |
| 75.0 | 71.5 | 50,300* | 75.0 | 74.9 | 39,900* | 85.0 | 71.4 | 39,300* | 85.0 | 76.1 | 29,300* | 95.0 | 71.3 | 22,600* | 95.0 | 77.2 | 17,200* | 100.0 | 72.4 | 12,200* | 100.0 | 79.3 | 9,200* |
| 80.0 | 70.0 | 49,000* | 80.0 | 73.4 | 38,700* | 90.0 | 70.0 | 38,400* | 90.0 | 74.7 | 28,800* | 100.0 | 70.0 | 22,100* | 100.0 | 75.8 | 16,800* | 110.0 | 70.0 | 11,500* | 110.0 | 76.8 | 9,000* |
| 85.0 | 68.5 | 47,700* | 85.0 | 71.8 | 37,500* | 95.0 | 68.6 | 37,600* | 95.0 | 73.2 | 28,300* | 110.0 | 67.4 | 21,000* | 110.0 | 73.1 | 16,300* | 120.0 | 67.6 | 10,900* | 120.0 | 74.3 | 8,700* |
| 90.0 | 66.9 | 46,500* | 90.0 | 70.2 | 36,500* | 100.0 | 67.2 | 36,700* | 100.0 | 71.8 | 27,700* | 120.0 | 64.7 | 20,000* | 120.0 | 70.4 | 15,800* | 130.0 | 65.1 | 10,400* | 130.0 | 71.7 | 8,400* |
| 95.0 | 65.3 | 45,400* | 95.0 | 68.6 | 35,600* | 110.0 | 64.3 | 35,000* | 110.0 | 68.8 | 26,200* | 130.0 | 62.0 | 19,200* | 130.0 | 67.5 | 15,200* | 140.0 | 62.6 | 10,000* | 140.0 | 69.1 | 8,300* |
| 100.0 | 63.7 | 44,400 | 100.0 | 66.9 | 34,700* | 120.0 | 61.3 | 33,200* | 120.0 | 65.7 | 24,900* | 140.0 | 59.1 | 18,500* | 140.0 | 64.6 | 14,900* | 150.0 | 60.0 | 9,500* | 150.0 | 66.4 | 7,900* |
| 110.0 | 60.4 | 42,400 | 110.0 | 63.6 | 33,100* | 130.0 | 58.2 | 30,900* | 130.0 | 62.5 | 23,900* | 150.0 | 56.2 | 17,600* | 150.0 | 61.5 | 14,500* | 160.0 | 57.3 | 9,100* | 160.0 | 63.6 | 8,000* |
| 120.0 | 57.0 | 40,300 | 120.0 | 60.1 | 31,700* | 140.0 | 55.0 | 28,900* | 140.0 | 59.2 | 22,900* | 160.0 | 53.2 | 17,100* | 160.0 | 58.3 | 14,200* | 170.0 | 54.5 | 8,800* | 170.0 | 60.7 | 7,800* |
| 130.0 | 53.5 | 37,200 | 130.0 | 56.4 | 30,500* | 150.0 | 51.6 | 27,200* | 150.0 | 55.7 | 22,100* | 170.0 | 50.0 | 16,500* | 170.0 | 55.0 | 13,900* | 180.0 | 51.6 | 8,500* | 180.0 | 57.6 | 7,400* |
| 140.0 | 49.8 | 33,300 | 140.0 | 52.6 | 29,500* | 160.0 | 48.1 | 25,600* | 160.0 | 52.0 | 21,400* | 180.0 | 46.6 | 15,900* | 180.0 | 51.4 | 13,600* | 190.0 | 48.6 | 8,100* | 190.0 | 54.4 | 7,200* |
| 150.0 | 45.8 | 29,800 | 150.0 | 48.4 | 28,700 | 170.0 | 44.3 | 24,300 | 170.0 | 48.0 | 20,700* | 190.0 | 43.1 | 15,400* | 190.0 | 47.6 | 13,400* | 200.0 | 45.3 | 8,000* | 200.0 | 51.0 | 7,200* |
| 160.0 | 41.5 | 26,800 | 160.0 | 44.0 | 27,400 | 180.0 | 40.3 | 22,900 | 180.0 | 43.7 | 20,100* | 200.0 | 39.2 | 15,100* | 200.0 | 43.4 | 13,400* | 210.0 | 41.9 | 7,700* | 210.0 | 47.3 | 7,000* |
| 170.0 | 36.8 | 24,300 | 170.0 | 39.0 | 24,800 | 190.0 | 35.8 | 20,900 | 190.0 | 38.9 | 19,800* | 210.0 | 34.9 | 14,700* | 210.0 | 38.8 | 13,400* | 220.0 | 38.2 | 7,500* | 220.0 | 43.2 | 6,900* |
| 180.0 | 31.4 | 22,100 | 180.0 | 33.2 | 22,300 | 200.0 | 30.7 | 19,100 | 200.0 | 33.2 | 19,300* | 220.0 | 30.1 | 14,300* | 220.0 | 33.1 | 13,400* | 230.0 | 34.1 | 7,400* | 230.0 | 38.6 | 6,600 |
| 182.4 | 30.0 | 21,600 | 185.0 | 30.0 | 21,300 | 201.4 | 30.0 | 18,900 | 205.0 | 30.0 | 18,700* | 220.1 | 30.0 | 14,300* | 225.0 | 30.0 | 13,400* | 238.8 | 30.0 | 6,800* | 240.0 | 33.1 | 6,200 |
| Reeves | 2 | | Reeves | 2 | | Reeves | 2 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | |

Note: Designed and rated to comply with ANSI Code B30.5
 Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
 Refer to notes on page 23.

CK2750G-3 CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 170' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | 30 | | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) |
| 48.2 | 80.0 | 58,400* | | | | 55.1 | 80.0 | 46,700* | | | | 61.7 | 80.0 | 26,600* | | | | 68.6 | 80.0 | 14,900* | | | |
| 50.0 | 79.5 | 57,800* | | | | 60.0 | 78.7 | 45,300* | | | | 65.0 | 79.3 | 26,300* | | | | 70.0 | 79.7 | 14,800* | | | |
| 55.0 | 78.1 | 56,400* | | | | 65.0 | 77.4 | 44,000* | | | | 70.0 | 78.1 | 25,600* | | | | 75.0 | 78.6 | 14,200* | | | |
| 60.0 | 76.7 | 55,100* | 60.0 | 80.0 | 42,300* | 70.0 | 76.2 | 42,900* | 73.1 | 80.0 | 29,700* | 75.0 | 76.9 | 24,900* | | | | 80.0 | 77.5 | 13,800* | | | |
| 65.0 | 75.3 | 53,900* | 65.0 | 78.6 | 41,700* | 75.0 | 74.9 | 41,800* | 75.0 | 79.5 | 29,700* | 80.0 | 75.7 | 24,300* | | | | 85.0 | 76.4 | 13,400* | | | |
| 70.0 | 73.9 | 52,400* | 70.0 | 77.2 | 41,000* | 80.0 | 73.6 | 40,700* | 80.0 | 78.1 | 29,600* | 85.0 | 74.5 | 23,800* | 85.9 | 80.0 | 17,800* | 90.0 | 75.3 | 13,100* | | | |
| 75.0 | 72.4 | 51,100* | 75.0 | 75.7 | 40,300* | 85.0 | 72.2 | 39,900* | 85.0 | 76.8 | 29,300* | 90.0 | 73.3 | 23,300* | 90.0 | 79.0 | 17,500* | 95.0 | 74.2 | 12,700* | | | |
| 80.0 | 71.0 | 49,900* | 80.0 | 74.2 | 39,300* | 90.0 | 70.9 | 38,900* | 90.0 | 75.4 | 29,000* | 95.0 | 72.1 | 22,800* | 95.0 | 77.7 | 17,300* | 100.0 | 73.1 | 12,400* | 100.0 | 79.7 | 9,200* |
| 85.0 | 69.5 | 48,700* | 85.0 | 72.7 | 38,200* | 95.0 | 69.6 | 38,000* | 95.0 | 74.0 | 28,600* | 100.0 | 70.8 | 22,300* | 100.0 | 76.5 | 17,000* | 110.0 | 70.8 | 11,700* | 110.0 | 77.4 | 9,200* |
| 90.0 | 68.1 | 47,700* | 90.0 | 71.2 | 37,100* | 100.0 | 68.2 | 37,200* | 100.0 | 72.7 | 28,100* | 110.0 | 68.4 | 21,300* | 110.0 | 73.9 | 16,400* | 120.0 | 68.5 | 11,100* | 120.0 | 75.0 | 8,900* |
| 95.0 | 66.6 | 46,700* | 95.0 | 69.7 | 36,200* | 110.0 | 65.5 | 35,700* | 110.0 | 69.8 | 26,600* | 120.0 | 65.8 | 20,300* | 120.0 | 71.3 | 15,900* | 130.0 | 66.1 | 10,600* | 130.0 | 72.5 | 8,600* |
| 100.0 | 65.1 | 45,700* | 100.0 | 68.2 | 35,400* | 120.0 | 62.7 | 34,200* | 120.0 | 66.9 | 25,500* | 130.0 | 63.2 | 19,500* | 130.0 | 68.6 | 15,400* | 140.0 | 63.7 | 10,200* | 140.0 | 70.0 | 8,300* |
| 110.0 | 62.0 | 43,700* | 110.0 | 65.0 | 33,700* | 130.0 | 59.8 | 32,000* | 130.0 | 63.9 | 24,300* | 140.0 | 60.5 | 18,800* | 140.0 | 65.8 | 15,100* | 150.0 | 61.2 | 9,700* | 150.0 | 67.4 | 8,100* |
| 120.0 | 58.8 | 41,300* | 120.0 | 61.8 | 32,300* | 140.0 | 56.8 | 29,900* | 140.0 | 60.8 | 23,300* | 150.0 | 57.8 | 18,100* | 150.0 | 62.9 | 14,800* | 160.0 | 58.7 | 9,300* | 160.0 | 64.8 | 7,800* |
| 130.0 | 55.5 | 36,600* | 130.0 | 58.4 | 31,200* | 150.0 | 53.6 | 28,100* | 150.0 | 57.6 | 22,500* | 160.0 | 54.9 | 17,400* | 160.0 | 60.0 | 14,400* | 170.0 | 56.1 | 9,000* | 170.0 | 62.0 | 7,700* |
| 140.0 | 52.1 | 32,600* | 140.0 | 54.8 | 30,000* | 160.0 | 50.4 | 26,500* | 160.0 | 54.2 | 21,700* | 170.0 | 52.0 | 16,700* | 170.0 | 56.9 | 14,100* | 180.0 | 53.3 | 8,700* | 180.0 | 59.2 | 7,400* |
| 150.0 | 48.4 | 29,100* | 150.0 | 51.1 | 29,100* | 170.0 | 46.9 | 24,600* | 170.0 | 50.6 | 20,900* | 180.0 | 48.9 | 16,300* | 180.0 | 53.6 | 13,700* | 190.0 | 50.5 | 8,300* | 190.0 | 56.2 | 7,400* |
| 160.0 | 44.6 | 26,200* | 160.0 | 47.1 | 26,800* | 180.0 | 43.3 | 22,300* | 180.0 | 46.7 | 20,500* | 190.0 | 45.6 | 15,800* | 190.0 | 50.1 | 13,600* | 200.0 | 47.5 | 8,100* | 200.0 | 53.0 | 7,200* |
| 170.0 | 40.4 | 23,700* | 170.0 | 42.7 | 24,100* | 190.0 | 39.3 | 20,300* | 190.0 | 42.5 | 20,000* | 200.0 | 42.1 | 15,400* | 200.0 | 46.4 | 13,400* | 210.0 | 44.4 | 7,900* | 210.0 | 49.7 | 7,200* |
| 180.0 | 35.8 | 21,400* | 180.0 | 37.8 | 21,800* | 200.0 | 34.9 | 18,400* | 200.0 | 37.7 | 19,200* | 210.0 | 38.3 | 14,900* | 210.0 | 42.3 | 13,200* | 220.0 | 41.0 | 7,700* | 220.0 | 46.1 | 7,000* |
| 190.0 | 30.6 | 19,400* | 190.0 | 32.3 | 19,600* | 209.9 | 30.0 | 16,900* | 210.0 | 32.3 | 17,400* | 220.0 | 34.1 | 14,600* | 220.0 | 37.6 | 13,200* | 230.0 | 37.4 | 7,400* | 230.0 | 42.1 | 7,000* |
| 191.2 | 30.0 | 19,100* | 193.5 | 30.0 | 18,900* | | | | 213.5 | 30.0 | 16,700* | 228.6 | 30.0 | 14,300* | 230.0 | 32.2 | 13,200* | 240.0 | 33.4 | 7,200* | 240.0 | 37.6 | 6,700* |
| | | | | | | | | | | | | | | | 233.5 | 30.0 | 13,200* | 247.3 | 30.0 | 6,600* | 250.0 | 32.2 | 6,100* |
| Reeves | 2 | | Reeves | 2 | | Reeves | 2 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | |

| 180' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | 30 | | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) |
| 49.9 | 80.0 | 58,200* | | | | 56.8 | 80.0 | 46,500* | | | | 63.6 | 80.0 | 26,600* | | | | 70.5 | 80.0 | 14,900* | | | |
| 50.0 | 79.9 | 58,100* | | | | 60.0 | 79.2 | 45,800* | | | | 65.0 | 79.7 | 26,500* | | | | 75.0 | 79.0 | 14,400* | | | |
| 55.0 | 78.6 | 57,000* | | | | 65.0 | 78.0 | 44,600* | | | | 70.0 | 78.5 | 25,800* | | | | 80.0 | 78.0 | 14,000* | | | |
| 60.0 | 77.3 | 55,700* | 62.0 | 80.0 | 42,300* | 70.0 | 76.7 | 43,500* | 74.8 | 80.0 | 29,700* | 75.0 | 77.4 | 25,200* | | | | 85.0 | 76.9 | 13,600* | | | |
| 65.0 | 76.0 | 54,500* | 65.0 | 79.2 | 41,900* | 75.0 | 75.5 | 42,400* | 75.0 | 79.9 | 29,700* | 80.0 | 76.3 | 24,700* | | | | 90.0 | 75.8 | 13,300* | | | |
| 70.0 | 74.6 | 53,200* | 70.0 | 77.8 | 41,200* | 80.0 | 74.3 | 41,400* | 80.0 | 78.7 | 29,700* | 85.0 | 75.1 | 24,000* | 87.5 | 80.0 | 17,800* | 95.0 | 74.8 | 13,000* | | | |
| 75.0 | 73.3 | 52,000* | 75.0 | 76.4 | 40,600* | 85.0 | 73.0 | 40,400* | 85.0 | 77.4 | 29,500* | 90.0 | 74.0 | 23,500* | 90.0 | 79.4 | 17,700* | 100.0 | 73.7 | 12,600* | 100.3 | 80.0 | 9,400* |
| 80.0 | 71.9 | 50,800* | 80.0 | 75.0 | 39,800* | 90.0 | 71.7 | 39,500* | 90.0 | 76.1 | 29,200* | 95.0 | 72.8 | 23,000* | 95.0 | 78.2 | 17,400* | 110.0 | 71.5 | 12,000* | 110.0 | 77.9 | 9,300* |
| 85.0 | 70.5 | 49,600* | 85.0 | 73.6 | 38,800* | 95.0 | 70.5 | 38,700* | 95.0 | 74.8 | 28,700* | 100.0 | 71.6 | 22,600* | 100.0 | 77.0 | 17,000* | 120.0 | 69.3 | 11,400* | 120.0 | 75.6 | 8,900* |
| 90.0 | 69.1 | 48,600* | 90.0 | 72.2 | 37,800* | 100.0 | 69.2 | 37,800* | 100.0 | 73.4 | 28,200* | 110.0 | 69.2 | 21,700* | 110.0 | 74.6 | 16,500* | 130.0 | 67.0 | 10,800* | 130.0 | 73.2 | 8,600* |
| 95.0 | 67.7 | 47,600* | 95.0 | 70.7 | 36,800* | 110.0 | 66.6 | 36,300* | 110.0 | 70.8 | 27,100* | 120.0 | 66.8 | 20,700* | 120.0 | 72.1 | 16,000* | 140.0 | 64.7 | 10,400* | 140.0 | 70.8 | 8,300* |
| 100.0 | 66.3 | 46,600* | 100.0 | 69.3 | 35,800* | 120.0 | 63.9 | 35,000* | 120.0 | 68.0 | 25,800* | 130.0 | 64.4 | 19,900* | 130.0 | 69.5 | 15,600* | 150.0 | 62.4 | 9,900* | 150.0 | 68.4 | 8,100* |
| 110.0 | 63.4 | 44,600* | 110.0 | 66.3 | 34,300* | 130.0 | 61.2 | 33,100* | 130.0 | 65.2 | 24,800* | 140.0 | 61.8 | 19,200* | 140.0 | 66.9 | 15,100* | 160.0 | 60.0 | 9,600* | 160.0 | 65.9 | 8,000* |
| 120.0 | 60.4 | 40,700* | 120.0 | 63.2 | 33,000* | 140.0 | 58.3 | 30,900* | 140.0 | 62.3 | 23,800* | 150.0 | 59.2 | 18,300* | 150.0 | 64.2 | 14,800* | 170.0 | 57.5 | 9,200* | 170.0 | 63.3 | 7,700* |
| 130.0 | 57.3 | 36,000* | 130.0 | 60.1 | 31,600* | 150.0 | 55.4 | 29,000* | 150.0 | 59.2 | 22,900* | 160.0 | 56.5 | 17,900* | 160.0 | 61.4 | 14,400* | 180.0 | 54.9 | 8,900* | 180.0 | 60.6 | 7,600* |
| 140.0 | 54.1 | 32,000* | 140.0 | 56.8 | 30,600* | 160.0 | 52.4 | 26,500* | 160.0 | 56.1 | 22,000* | 170.0 | 53.8 | 17,200* | 170.0 | 58.5 | 14,100* | 190.0 | 52.3 | 8,600* | 190.0 | 57.8 | 7,400* |
| 150.0 | 50.8 | 28,500* | 150.0 | 53.3 | 29,200* | 170.0 | 49.2 | 23,900* | 170.0 | 52.8 | 21,400* | 180.0 | 50.9 | 16,600* | 180.0 | 55.5 | 14,000* | 200.0 | 49.5 | 8,200* | 200.0 | 54.9 | 7,200* |
| 160.0 | 47.2 | 25,600* | 160.0 | 49.7 | 26,200* | 180.0 | 45.8 | 21,600* | 180.0 | 49.3 | 20,800* | 190.0 | 47.8 | 16,100* | 190.0 | 52.3 | 13,600* | 210.0 | 46.6 | 8,100* | 210.0 | 51.8 | 7,200* |
| 170.0 | 43.5 | 23,000* | 170.0 | 45.8 | 23,500* | 190.0 | 42.3 | 19,600* | 190.0 | 45.5 | 20,300* | 200.0 | 44.6 | 15,700* | 200.0 | 48.9 | 13,500* | 220.0 | 43.5 | 7,800* | 220.0 | 48.5 | 7,000* |
| 180.0 | 39.4 | 20,800* | 180.0 | 41.5 | 21,100* | 200.0 | 38.4 | 17,700* | 200.0 | 41.3 | 18,600* | 210.0 | 41.2 | 15,200* | 210.0 | 45.2 | 13,400* | 230.0 | 40.2 | 7,700* | 230.0 | 45.0 | 7,000* |
| 190.0 | 35.0 | 18,700* | 190.0 | 36.8 | 19,000* | 210.0 | 34.1 | 16,300* | 210.0 | 36.8 | 16,900* | 220.0 | 37.5 | 14,800* | 220.0 | 41.2 | 13,200* | 240.0 | 36.6 | 7,400* | 240.0 | 41.0 | 6,900* |
| 199.8 | 30.0 | 17,100* | 200.0 | 31.3 | 17,100* | 218.5 | 30.0 | 14,900* | 220.0 | 31.3 | 15,300* | 230.0 | 33.4 | 14,200* | 230.0 | 36.7 | 13,200* | 250.0 | 32.7 | 7,200* | 250.0 | 36.6 | 6,500* |
| | | | 202.0 | 30.0 | 16,700* | | | | 222.1 | 30.0 | 14,900* | 237.5 | 30.0 | 13,400* | 240.0 | 31.3 | 13,200* | 256.2 | 30.0 | 7,000* | 260.0 | 31.3 | 6,200* |
| Reeves | 2 | | Reeves | 2 | | Reeves | 2 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | |

*Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes on page 23.*

CK2750G-3 CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 190' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) |
| 51.5 | 80.0 | 58,400* | | | | 58.4 | 80.0 | 46,500* | | | | 65.3 | 80.0 | 26,600* | | | | 72.2 | 80.0 | 14,700* | | | |
| 55.0 | 79.1 | 57,500* | | | | 60.0 | 79.6 | 46,200* | | | | 70.0 | 79.0 | 26,000* | | | | 75.0 | 79.4 | 14,500* | | | |
| 60.0 | 77.9 | 56,200* | 63.6 | 80.0 | 42,300* | 65.0 | 78.5 | 45,100* | | | | 75.0 | 77.9 | 25,500* | | | | 80.0 | 78.4 | 14,200* | | | |
| 65.0 | 76.6 | 55,000* | 65.0 | 79.6 | 42,100* | 70.0 | 77.3 | 43,900* | | | | 80.0 | 76.8 | 24,900* | | | | 85.0 | 77.4 | 13,600* | | | |
| 70.0 | 75.3 | 53,700* | 70.0 | 78.3 | 41,500* | 75.0 | 76.1 | 42,800* | 76.4 | 80.0 | 29,700* | 85.0 | 75.7 | 24,200* | 89.2 | 80.0 | 17,800* | 90.0 | 76.4 | 13,300* | | | |
| 75.0 | 74.0 | 52,400* | 75.0 | 77.0 | 40,900* | 80.0 | 74.9 | 41,800* | 80.0 | 79.1 | 29,700* | 90.0 | 74.6 | 23,700* | 90.0 | 79.9 | 17,700* | 95.0 | 75.3 | 13,000* | | | |
| 80.0 | 72.7 | 51,300* | 80.0 | 75.7 | 40,300* | 85.0 | 73.7 | 40,800* | 85.0 | 77.9 | 29,700* | 95.0 | 73.5 | 23,300* | 95.0 | 78.7 | 17,500* | 100.0 | 74.3 | 12,600* | 102.3 | 80.0 | 9,400* |
| 85.0 | 71.4 | 50,300* | 85.0 | 74.3 | 39,300* | 90.0 | 72.5 | 39,900* | 90.0 | 76.7 | 29,400* | 100.0 | 72.3 | 22,900* | 100.0 | 77.5 | 17,300* | 110.0 | 72.2 | 12,100* | 110.0 | 78.3 | 9,300* |
| 90.0 | 70.1 | 49,300* | 90.0 | 73.0 | 38,200* | 95.0 | 71.3 | 39,100* | 95.0 | 75.4 | 29,000* | 110.0 | 70.1 | 21,900* | 110.0 | 75.2 | 16,600* | 120.0 | 70.1 | 11,500* | 120.0 | 76.1 | 8,900* |
| 95.0 | 68.7 | 48,300* | 95.0 | 71.6 | 37,300* | 100.0 | 70.1 | 38,300* | 100.0 | 74.2 | 28,500* | 120.0 | 67.7 | 21,000* | 120.0 | 72.8 | 16,200* | 130.0 | 67.9 | 11,000* | 130.0 | 73.9 | 8,600* |
| 100.0 | 67.4 | 47,300* | 100.0 | 70.3 | 36,500* | 110.0 | 67.6 | 36,800* | 110.0 | 71.6 | 27,500* | 130.0 | 65.4 | 20,100* | 130.0 | 70.4 | 15,700* | 140.0 | 65.7 | 10,500* | 140.0 | 71.6 | 8,500* |
| 110.0 | 64.6 | 45,100* | 110.0 | 67.4 | 34,800* | 120.0 | 65.0 | 35,400* | 120.0 | 69.0 | 26,200* | 140.0 | 63.0 | 19,400* | 140.0 | 67.9 | 15,300* | 150.0 | 63.4 | 10,100* | 150.0 | 69.3 | 8,100* |
| 120.0 | 61.8 | 40,000* | 120.0 | 64.6 | 33,400* | 130.0 | 62.4 | 34,100* | 130.0 | 66.3 | 25,200* | 150.0 | 60.5 | 18,800* | 150.0 | 65.3 | 15,000* | 160.0 | 61.1 | 9,600* | 160.0 | 66.9 | 8,000* |
| 130.0 | 58.9 | 35,300* | 130.0 | 61.6 | 32,100* | 140.0 | 59.8 | 31,800* | 140.0 | 63.6 | 24,200* | 160.0 | 58.0 | 18,100* | 160.0 | 62.7 | 14,600* | 170.0 | 58.8 | 9,400* | 170.0 | 64.4 | 7,700* |
| 140.0 | 55.9 | 31,300* | 140.0 | 58.5 | 31,000* | 150.0 | 57.0 | 28,900* | 150.0 | 60.7 | 23,200* | 170.0 | 55.3 | 17,400* | 170.0 | 60.0 | 14,300* | 180.0 | 56.4 | 8,900* | 180.0 | 61.9 | 7,700* |
| 150.0 | 52.8 | 27,800* | 150.0 | 55.3 | 28,700* | 160.0 | 54.2 | 25,900* | 160.0 | 57.8 | 22,500* | 180.0 | 52.6 | 17,000* | 180.0 | 57.1 | 14,000* | 190.0 | 53.8 | 8,600* | 190.0 | 59.3 | 7,500* |
| 160.0 | 49.5 | 24,800* | 160.0 | 52.0 | 25,600* | 170.0 | 51.2 | 23,200* | 170.0 | 54.7 | 21,800* | 190.0 | 49.8 | 16,500* | 190.0 | 54.2 | 13,800* | 200.0 | 51.2 | 8,400* | 200.0 | 56.5 | 7,300* |
| 170.0 | 46.1 | 22,400* | 170.0 | 48.4 | 22,800* | 180.0 | 48.1 | 21,000* | 180.0 | 51.5 | 21,100* | 200.0 | 46.8 | 15,900* | 200.0 | 51.0 | 13,600* | 210.0 | 48.5 | 8,100* | 210.0 | 53.7 | 7,200* |
| 180.0 | 42.4 | 20,100* | 180.0 | 44.6 | 20,500* | 190.0 | 44.8 | 19,000* | 190.0 | 48.0 | 20,100* | 210.0 | 43.7 | 15,600* | 210.0 | 47.7 | 13,400* | 220.0 | 45.7 | 8,000* | 220.0 | 50.6 | 7,200* |
| 190.0 | 38.5 | 18,100* | 190.0 | 40.5 | 18,300* | 200.0 | 41.3 | 17,100* | 200.0 | 44.3 | 18,100* | 220.0 | 40.3 | 14,900* | 220.0 | 44.1 | 13,300* | 230.0 | 42.7 | 7,700* | 230.0 | 47.4 | 7,000* |
| 200.0 | 34.1 | 16,200* | 200.0 | 35.8 | 16,400* | 210.0 | 37.6 | 15,400* | 210.0 | 40.3 | 16,300* | 230.0 | 36.7 | 13,600* | 230.0 | 40.2 | 13,200* | 240.0 | 39.4 | 7,500* | 240.0 | 43.9 | 6,900* |
| 208.3 | 30.0 | 14,900* | 210.0 | 30.5 | 14,700* | 220.0 | 33.4 | 14,000* | 220.0 | 35.8 | 14,600* | 240.0 | 32.7 | 12,400* | 240.0 | 35.7 | 12,800* | 250.0 | 35.9 | 7,400* | 250.0 | 40.1 | 6,500* |
| | | | 210.9 | 30.0 | 14,700* | 227.3 | 30.0 | 13,000* | 230.0 | 30.5 | 13,100* | 246.0 | 30.0 | 11,600* | 250.0 | 30.5 | 11,500* | 260.0 | 32.0 | 7,100* | 260.0 | 35.7 | 6,300* |
| | | | | | | | | | 230.9 | 30.0 | 13,000* | | | | | | | 250.9 | 30.0 | 6,800* | 270.0 | 30.5 | 6,000* |
| Reeves | 2 | | Reeves | 2 | | Reeves | 2 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | | Reeves | 1 | |

| 200' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) |
| 53.5 | 80.0 | 58,400* | | | | 60.0 | 80.0 | 46,500* | | | | 66.9 | 80.0 | 26,600* | | | | 73.8 | 80.0 | 14,700* | | | |
| 55.0 | 79.6 | 58,000* | | | | 65.0 | 78.9 | 45,500* | | | | 70.0 | 79.4 | 26,200* | | | | 75.0 | 79.8 | 14,600* | | | |
| 60.0 | 78.4 | 56,600* | | | | 70.0 | 77.8 | 44,300* | | | | 75.0 | 78.3 | 25,700* | | | | 80.0 | 78.8 | 14,200* | | | |
| 65.0 | 77.2 | 55,400* | 65.2 | 80.0 | 42,300* | 75.0 | 77.4 | 43,300* | 78.0 | 80.0 | 29,700* | 80.0 | 77.3 | 25,100* | | | | 85.0 | 77.8 | 13,900* | | | |
| 70.0 | 75.9 | 54,400* | 70.0 | 78.8 | 41,700* | 80.0 | 75.5 | 42,300* | 80.0 | 79.6 | 29,700* | 85.0 | 76.2 | 24,500* | | | | 90.0 | 76.8 | 13,500* | | | |
| 75.0 | 74.7 | 53,200* | 75.0 | 77.6 | 41,100* | 85.0 | 74.4 | 41,400* | 85.0 | 78.4 | 29,700* | 90.0 | 75.1 | 24,100* | 91.2 | 80.0 | 17,800* | 95.0 | 75.8 | 13,200* | | | |
| 80.0 | 73.5 | 51,900* | 80.0 | 76.3 | 40,600* | 90.0 | 73.2 | 40,400* | 90.0 | 77.2 | 29,400* | 95.0 | 74.1 | 23,700* | 95.0 | 79.1 | 17,600* | 100.0 | 74.8 | 12,900* | 104.0 | 80.0 | 9,400* |
| 85.0 | 72.2 | 50,900* | 85.0 | 75.0 | 39,900* | 95.0 | 72.0 | 39,500* | 95.0 | 76.0 | 29,100* | 100.0 | 73.0 | 23,200* | 100.0 | 78.0 | 17,300* | 110.0 | 72.8 | 12,200* | 110.0 | 78.7 | 9,300* |
| 90.0 | 70.9 | 49,900* | 90.0 | 73.8 | 38,900* | 100.0 | 70.9 | 38,800* | 100.0 | 74.8 | 28,700* | 110.0 | 70.8 | 22,200* | 110.0 | 75.8 | 16,800* | 120.0 | 70.8 | 11,700* | 120.0 | 76.6 | 8,900* |
| 95.0 | 69.7 | 48,900* | 95.0 | 72.5 | 37,900* | 110.0 | 68.5 | 37,200* | 110.0 | 72.4 | 27,900* | 120.0 | 68.6 | 21,400* | 120.0 | 73.5 | 16,200* | 130.0 | 68.7 | 11,200* | 130.0 | 74.5 | 8,800* |
| 100.0 | 68.4 | 47,900* | 100.0 | 71.1 | 36,900* | 120.0 | 66.1 | 35,900* | 120.0 | 69.9 | 26,700* | 130.0 | 66.3 | 20,500* | 130.0 | 71.2 | 15,900* | 140.0 | 66.6 | 10,700* | 140.0 | 72.3 | 8,500* |
| 110.0 | 65.8 | 44,900* | 110.0 | 68.5 | 35,400* | 130.0 | 63.6 | 34,700* | 130.0 | 67.4 | 25,500* | 140.0 | 64.0 | 19,800* | 140.0 | 68.8 | 15,500* | 150.0 | 64.4 | 10,300* | 150.0 | 70.1 | 8,300* |
| 120.0 | 63.1 | 39,600* | 120.0 | 65.8 | 33,900* | 140.0 | 61.1 | 31,800* | 140.0 | 64.8 | 24,500* | 150.0 | 61.7 | 19,000* | 150.0 | 66.4 | 15,000* | 160.0 | 62.2 | 9,800* | 160.0 | 67.8 | 8,000* |
| 130.0 | 60.4 | 34,900* | 130.0 | 63.0 | 32,700* | 150.0 | 58.5 | 28,500* | 150.0 | 62.1 | 23,600* | 160.0 | 59.3 | 18,400* | 160.0 | 63.9 | 14,600* | 170.0 | 60.0 | 9,400* | 170.0 | 65.4 | 7,900* |
| 140.0 | 57.5 | 30,900* | 140.0 | 60.1 | 31,200* | 160.0 | 55.8 | 25,500* | 160.0 | 59.3 | 22,800* | 170.0 | 56.8 | 17,800* | 170.0 | 61.3 | 14,500* | 180.0 | 57.7 | 9,100* | 180.0 | 63.0 | 7,700* |
| 150.0 | 54.6 | 27,400* | 150.0 | 57.1 | 28,300* | 170.0 | 53.0 | 22,800* | 170.0 | 56.4 | 22,000* | 180.0 | 54.2 | 17,300* | 180.0 | 58.6 | 14,200* | 190.0 | 55.3 | 8,800* | 190.0 | 60.6 | 7,500* |
| 160.0 | 51.6 | 24,400* | 160.0 | 54.0 | 25,300* | 180.0 | 50.1 | 20,500* | 180.0 | 53.4 | 21,400* | 190.0 | 51.6 | 16,700* | 190.0 | 55.8 | 13,800* | 200.0 | 52.8 | 8,500* | 200.0 | 58.0 | 7,300* |
| 170.0 | 48.4 | 21,900* | 170.0 | 50.7 | 22,600* | 190.0 | 47.1 | 18,500* | 190.0 | 50.3 | 19,600* | 200.0 | 48.8 | 16,300* | 200.0 | 52.9 | 13,700* | 210.0 | 50.3 | 8,300* | 210.0 | 55.3 | 7,200* |
| 180.0 | 45.1 | 19,700* | 180.0 | 47.2 | 20,200* | 200.0 | 43.9 | 16,600* | 200.0 | 46.9 | 17,700* | 210.0 | 45.9 | 15,800* | 210.0 | 49.9 | 13,600* | 220.0 | 47.6 | 8,000* | 220.0 | 52.5 | 7,200* |
| 190.0 | 41.5 | 17,600* | 190.0 | 43.5 | 18,100* | 210.0 | 40.5 | 14,900* | 210.0 | 43.3 | 16,000* | 220.0 | 42.8 | 14,700* | 220.0 | 46.6 | 13,400* | 230.0 | 44.8 | 7,900* | 230.0 | 49.5 | 7,000* |
| 200.0 | 37.6 | 15,700* | 200.0 | 39.4 | 16,200* | 220.0 | 36.7 | 13,600* | 220.0 | 39.3 | 14,400* | 230.0 | 39.5 | 13,100* | 230.0 | 43.1 | 13,200* | 240.0 | 41.8 | 7,700* | 240.0 | 46.3 | 7,000* |
| 210.0 | 33.4 | 14,300* | 210.0 | 35.0 | 14,500* | 230.0 | 32.7 | 12,200* | 230.0 | 34.9 | 12,900* | 240.0 | 36.0 | 12,000* | 240.0 | 39.2 | 12,400* | 250.0 | 38.7 | 7,400* | 250.0 | 42.9 | 7,000* |
| 217.1 | 30.0 | 13,200* | 219.4 | 30.0 | 13,000* | 235.8 | 30.0 | 11,400* | 239.5 | 30.0 | 11,600* | 250.0 | 32.0 | 10,900* | 250.0 | 34.9 | 11,100* | 260.0 | 35.2 | 7,300* | 260.0 | 39.1 | 6,600* |
| | | | | | | | | | | | | | | | | | | 273.6 | 30.0 | 6,600* | 279.5 | 30.0 | 5,900* |
| Reeves | 2 | | Reeves | 2 | | Reeves | 2 | | Reeves | 1 | | | | | | | | | | | | | |

CK2750G-3 CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 210' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) |
| 55.1 | 80.0 | 58,400* | | | | 62.0 | 80.0 | 46,500* | | | | 68.9 | 80.0 | 26,600* | | | | 75.5 | 80.0 | 14,700* | | | |
| 60.0 | 78.9 | 57,000* | | | | 65.0 | 79.3 | 45,700* | | | | 70.0 | 79.8 | 26,500* | | | | 80.0 | 79.2 | 14,400* | | | |
| 65.0 | 77.7 | 55,900* | 67.2 | 80.0 | 42,300* | 70.0 | 78.3 | 44,700* | | | | 75.0 | 78.7 | 25,900* | | | | 85.0 | 78.2 | 14,100* | | | |
| 70.0 | 76.5 | 54,800* | 70.0 | 79.3 | 41,900* | 75.0 | 77.2 | 43,700* | | | | 80.0 | 77.7 | 25,400* | | | | 90.0 | 77.3 | 13,700* | | | |
| 75.0 | 75.3 | 53,800* | 75.0 | 78.1 | 41,300* | 80.0 | 76.1 | 42,700* | 80.0 | 80.0 | 29,700* | 85.0 | 76.7 | 24,900* | | | | 95.0 | 76.3 | 13,400* | | | |
| 80.0 | 74.1 | 52,800* | 80.0 | 76.9 | 40,800* | 85.0 | 75.0 | 41,900* | 85.0 | 78.9 | 29,700* | 90.0 | 75.7 | 24,400* | 92.8 | 80.0 | 17,800* | 100.0 | 75.3 | 13,100* | 105.6 | 80.0 | 9,400* |
| 85.0 | 72.9 | 51,800* | 85.0 | 75.7 | 40,300* | 90.0 | 73.9 | 40,900* | 90.0 | 77.7 | 29,600* | 95.0 | 74.6 | 23,900* | 95.0 | 79.5 | 17,600* | 110.0 | 73.4 | 12,400* | 110.0 | 79.1 | 9,300* |
| 90.0 | 71.7 | 51,000* | 90.0 | 74.4 | 39,300* | 95.0 | 72.7 | 40,100* | 95.0 | 76.6 | 29,300* | 100.0 | 73.6 | 23,400* | 100.0 | 78.5 | 17,300* | 120.0 | 71.4 | 11,800* | 120.0 | 77.1 | 9,100* |
| 95.0 | 70.5 | 50,000 | 95.0 | 73.2 | 38,400* | 100.0 | 71.6 | 39,400* | 100.0 | 75.4 | 28,900* | 110.0 | 71.5 | 22,500* | 110.0 | 76.3 | 16,800* | 130.0 | 69.4 | 11,300* | 130.0 | 75.0 | 8,800* |
| 100.0 | 69.3 | 49,000* | 100.0 | 72.0 | 37,600* | 110.0 | 69.3 | 37,900* | 110.0 | 73.1 | 28,300* | 120.0 | 69.4 | 21,600* | 120.0 | 74.1 | 16,400* | 140.0 | 67.4 | 10,900* | 140.0 | 72.9 | 8,500* |
| 110.0 | 66.8 | 44,600 | 110.0 | 69.4 | 35,900* | 120.0 | 67.0 | 36,500* | 120.0 | 70.7 | 27,000* | 130.0 | 67.2 | 20,800* | 130.0 | 71.9 | 15,900* | 150.0 | 65.3 | 10,400* | 150.0 | 70.8 | 8,400* |
| 120.0 | 64.3 | 38,900 | 120.0 | 66.8 | 34,500* | 130.0 | 64.7 | 34,800* | 130.0 | 68.3 | 25,900* | 140.0 | 65.0 | 20,100* | 140.0 | 69.6 | 15,500* | 160.0 | 63.2 | 10,000* | 160.0 | 68.6 | 8,100* |
| 130.0 | 61.7 | 34,200 | 130.0 | 64.2 | 33,200 | 140.0 | 62.3 | 31,200 | 140.0 | 65.8 | 24,900* | 150.0 | 62.8 | 19,400* | 150.0 | 67.3 | 15,200* | 170.0 | 61.1 | 9,700* | 170.0 | 66.4 | 7,900* |
| 140.0 | 59.0 | 30,200 | 140.0 | 61.5 | 31,300 | 150.0 | 59.8 | 27,800 | 150.0 | 63.3 | 24,000* | 160.0 | 60.5 | 18,700* | 160.0 | 64.9 | 14,900* | 180.0 | 58.9 | 9,300* | 180.0 | 64.1 | 7,800* |
| 150.0 | 56.3 | 26,700 | 150.0 | 58.6 | 27,600 | 160.0 | 57.3 | 24,800 | 160.0 | 60.7 | 23,100* | 170.0 | 58.1 | 18,100* | 170.0 | 62.5 | 14,500* | 190.0 | 56.6 | 9,000* | 190.0 | 61.7 | 7,500* |
| 160.0 | 53.4 | 23,700 | 160.0 | 55.7 | 24,600 | 170.0 | 54.6 | 22,100 | 170.0 | 58.0 | 22,500* | 180.0 | 55.7 | 17,500* | 180.0 | 60.0 | 14,300* | 200.0 | 54.3 | 8,700* | 200.0 | 59.3 | 7,400* |
| 170.0 | 50.5 | 21,300 | 170.0 | 52.7 | 21,900 | 180.0 | 51.9 | 19,900 | 180.0 | 55.2 | 21,300* | 190.0 | 53.2 | 16,900* | 190.0 | 57.4 | 14,100* | 210.0 | 51.9 | 8,500* | 210.0 | 56.8 | 7,400* |
| 180.0 | 47.4 | 18,900 | 180.0 | 49.5 | 19,600 | 190.0 | 49.1 | 17,900 | 190.0 | 52.2 | 19,200* | 200.0 | 50.6 | 16,600* | 200.0 | 54.6 | 13,800* | 220.0 | 49.4 | 8,200* | 220.0 | 54.1 | 7,200* |
| 190.0 | 44.1 | 17,000 | 190.0 | 46.1 | 17,400 | 200.0 | 46.1 | 16,000 | 200.0 | 49.1 | 17,200 | 210.0 | 47.9 | 15,400* | 210.0 | 51.8 | 13,600* | 230.0 | 46.7 | 7,900* | 230.0 | 51.4 | 7,200* |
| 200.0 | 40.6 | 15,100 | 200.0 | 42.5 | 15,500 | 210.0 | 43.0 | 14,300 | 210.0 | 45.8 | 15,400 | 220.0 | 45.0 | 14,000 | 220.0 | 48.8 | 13,400* | 240.0 | 44.0 | 7,800* | 240.0 | 48.5 | 7,000* |
| 210.0 | 36.8 | 13,400 | 210.0 | 38.5 | 13,800 | 220.0 | 39.6 | 12,900 | 220.0 | 42.3 | 13,700 | 230.0 | 42.0 | 12,500 | 230.0 | 45.6 | 13,400 | 250.0 | 41.1 | 7,600* | 250.0 | 45.4 | 7,000* |
| 220.0 | 32.6 | 12,100 | 220.0 | 34.1 | 12,300 | 230.0 | 36.0 | 11,600 | 230.0 | 38.4 | 12,200 | 240.0 | 38.8 | 11,300 | 240.0 | 42.1 | 12,000 | 260.0 | 38.0 | 7,400* | 260.0 | 42.0 | 6,900* |
| 225.7 | 30.0 | 11,200 | 228.3 | 30.0 | 11,200 | 240.0 | 32.0 | 10,400 | 240.0 | 34.1 | 10,900 | 250.0 | 35.3 | 10,200 | 250.0 | 38.3 | 10,700 | 270.0 | 34.6 | 7,400* | 270.0 | 38.3 | 6,500 |
| | | | | | | 244.7 | 30.0 | 9,900 | 248.3 | 30.0 | 9,900 | 260.0 | 31.4 | 9,000 | 260.0 | 34.0 | 9,500 | 280.0 | 30.9 | 7,100* | 280.0 | 34.0 | 6,300 |
| | | | | | | | | | | | | 263.4 | 30.0 | 8,800 | 268.3 | 30.0 | 8,500 | 282.1 | 30.0 | 7,000* | 288.0 | 30.0 | 6,100 |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 |

| 220' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) |
| 56.8 | 80.0 | 58,200* | | | | 63.6 | 80.0 | 46,500* | | | | 70.5 | 80.0 | 26,600* | | | | 77.4 | 80.0 | 14,700* | | | |
| 60.0 | 79.3 | 57,500* | | | | 65.0 | 79.7 | 46,200* | | | | 75.0 | 79.1 | 26,100* | | | | 80.0 | 79.5 | 14,400* | | | |
| 65.0 | 78.2 | 56,300* | 68.8 | 80.0 | 42,100* | 70.0 | 78.7 | 45,100* | | | | 80.0 | 78.1 | 25,600* | | | | 85.0 | 78.6 | 14,100* | | | |
| 70.0 | 77.0 | 55,300* | 70.0 | 79.7 | 42,000* | 75.0 | 77.6 | 44,100* | | | | 85.0 | 77.2 | 24,900* | | | | 90.0 | 77.7 | 13,700* | | | |
| 75.0 | 75.9 | 54,300* | 75.0 | 78.6 | 41,600* | 80.0 | 76.6 | 43,200* | 81.6 | 80.0 | 29,700* | 90.0 | 76.2 | 24,500* | 94.4 | 80.0 | 17,800* | 95.0 | 76.7 | 13,400* | | | |
| 80.0 | 74.8 | 53,300* | 80.0 | 77.4 | 41,000* | 85.0 | 75.5 | 42,300* | 85.0 | 79.3 | 29,700* | 95.0 | 75.2 | 24,100* | 95.0 | 79.9 | 17,800* | 100.0 | 75.8 | 13,100* | 107.2 | 80.0 | 9,200* |
| 85.0 | 73.6 | 52,500* | 85.0 | 76.3 | 40,500* | 90.0 | 74.4 | 41,300* | 90.0 | 78.2 | 29,700* | 100.0 | 74.2 | 23,600* | 100.0 | 78.9 | 17,500* | 110.0 | 73.9 | 12,600* | 110.0 | 79.5 | 9,200* |
| 90.0 | 72.5 | 51,300* | 90.0 | 75.1 | 39,700* | 95.0 | 73.4 | 40,500* | 95.0 | 77.1 | 29,500* | 110.0 | 72.2 | 22,800* | 110.0 | 76.8 | 17,000* | 120.0 | 72.0 | 12,000* | 120.0 | 77.5 | 9,100* |
| 95.0 | 71.3 | 50,100 | 95.0 | 73.9 | 38,900* | 100.0 | 72.3 | 39,800* | 100.0 | 76.0 | 29,100* | 120.0 | 70.1 | 21,900* | 120.0 | 74.7 | 16,400* | 130.0 | 70.1 | 11,500* | 130.0 | 75.6 | 8,800* |
| 100.0 | 70.1 | 48,800 | 100.0 | 72.7 | 38,000* | 110.0 | 70.1 | 38,300* | 110.0 | 73.8 | 28,400* | 130.0 | 68.0 | 21,000* | 130.0 | 72.6 | 16,100* | 140.0 | 68.1 | 11,000* | 140.0 | 73.5 | 8,500* |
| 110.0 | 67.7 | 43,900 | 110.0 | 70.3 | 36,400* | 120.0 | 67.9 | 37,000* | 120.0 | 71.5 | 27,300* | 140.0 | 65.9 | 20,300* | 140.0 | 70.4 | 15,700* | 150.0 | 66.2 | 10,600* | 150.0 | 71.5 | 8,400* |
| 120.0 | 65.3 | 38,200 | 120.0 | 67.8 | 35,000* | 130.0 | 65.6 | 34,500* | 130.0 | 69.2 | 26,300* | 150.0 | 63.8 | 19,600* | 150.0 | 68.2 | 15,400* | 160.0 | 64.1 | 10,200* | 160.0 | 69.4 | 8,100* |
| 130.0 | 62.9 | 33,600 | 130.0 | 65.3 | 33,600 | 140.0 | 63.3 | 30,700 | 140.0 | 66.8 | 25,300* | 160.0 | 61.6 | 19,000* | 160.0 | 65.9 | 15,100* | 170.0 | 62.1 | 9,700* | 170.0 | 67.3 | 7,900* |
| 140.0 | 60.3 | 29,600 | 140.0 | 62.7 | 30,700 | 150.0 | 61.0 | 27,200 | 150.0 | 64.4 | 24,300* | 170.0 | 59.3 | 18,300* | 170.0 | 63.6 | 14,700* | 180.0 | 60.0 | 9,400* | 180.0 | 65.1 | 7,800* |
| 150.0 | 57.7 | 26,100 | 150.0 | 60.1 | 27,200 | 160.0 | 58.6 | 24,200 | 160.0 | 61.9 | 23,600* | 180.0 | 57.0 | 17,800* | 180.0 | 61.2 | 14,400* | 190.0 | 57.8 | 9,200* | 190.0 | 62.8 | 7,700* |
| 160.0 | 55.1 | 23,200 | 160.0 | 57.3 | 24,100 | 170.0 | 56.1 | 21,500 | 170.0 | 59.4 </ | | | | | | | | | | | | | |

CK2750G-3 CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 230' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|-------|--------|--------|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | | | |
| 58.7 | 80.0 | 58,200* | | | | 65.3 | 80.0 | 46,500* | | | | 72.2 | 80.0 | 26,400* | | | | 79.1 | 80.0 | 14,700* | | | |
| 60.0 | 79.7 | 57,900* | | | | 70.0 | 79.1 | 45,600* | | | | 77.5 | 79.5 | 26,100* | | | | 80.0 | 79.8 | 14,700* | | | |
| 65.0 | 78.6 | 56,800* | | | | 75.0 | 78.1 | 44,600* | | | | 80.0 | 78.5 | 25,600* | | | | 85.0 | 78.9 | 14,300* | | | |
| 70.0 | 77.5 | 55,700* | | | | 80.0 | 77.0 | 43,600* | 83.3 | 80.0 | 29,700* | 85.0 | 77.6 | 25,100* | | | | 90.0 | 78.1 | 14,000* | | | |
| 75.0 | 76.4 | 54,700* | | | | 85.0 | 76.0 | 42,600* | 85.0 | 79.7 | 29,700* | 90.0 | 76.6 | 24,600* | | | | 95.0 | 77.2 | 13,600* | | | |
| 80.0 | 75.3 | 53,800* | 80.0 | 77.9 | 41,300* | 90.0 | 75.0 | 41,700* | 90.0 | 78.6 | 29,700* | 95.0 | 75.7 | 24,100* | 96.4 | 80.0 | 17,800* | 100.0 | 76.3 | 13,300* | 109.2 | 80.0 | 9,400* |
| 85.0 | 74.2 | 52,900* | 85.0 | 76.8 | 40,800* | 95.0 | 74.0 | 41,000* | 95.0 | 77.6 | 29,500* | 100.0 | 74.7 | 23,700* | 100.0 | 79.3 | 17,500* | 110.0 | 74.4 | 12,600* | 110.0 | 79.8 | 9,400* |
| 90.0 | 73.1 | 51,900* | 90.0 | 75.7 | 40,100* | 100.0 | 72.9 | 40,200* | 100.0 | 76.5 | 29,200* | 110.0 | 72.8 | 22,800* | 110.0 | 77.3 | 17,000* | 120.0 | 72.6 | 12,200* | 120.0 | 78.0 | 9,100* |
| 95.0 | 72.0 | 51,100 | 95.0 | 74.5 | 39,300* | 110.0 | 70.8 | 38,700* | 110.0 | 74.4 | 28,500* | 120.0 | 70.8 | 22,100* | 120.0 | 75.2 | 16,600* | 130.0 | 70.7 | 11,700* | 130.0 | 76.0 | 8,800* |
| 100.0 | 70.9 | 49,500 | 100.0 | 73.4 | 38,500* | 120.0 | 68.7 | 37,300* | 120.0 | 72.2 | 27,800* | 130.0 | 68.8 | 21,200* | 130.0 | 73.2 | 16,100* | 140.0 | 68.9 | 11,100* | 140.0 | 74.1 | 8,700* |
| 110.0 | 68.6 | 43,200 | 110.0 | 71.1 | 36,800* | 130.0 | 66.5 | 34,000 | 130.0 | 70.0 | 26,600* | 140.0 | 66.8 | 20,500* | 140.0 | 71.1 | 15,700* | 150.0 | 66.9 | 10,800* | 150.0 | 72.1 | 8,400* |
| 120.0 | 66.3 | 37,600 | 120.0 | 68.7 | 35,400 | 140.0 | 64.3 | 30,000 | 140.0 | 67.7 | 25,500* | 150.0 | 64.7 | 19,900* | 150.0 | 69.0 | 15,400* | 160.0 | 65.0 | 10,400* | 160.0 | 70.1 | 8,200* |
| 130.0 | 64.0 | 32,900 | 130.0 | 66.3 | 33,900 | 150.0 | 62.1 | 26,500 | 150.0 | 65.4 | 24,700* | 160.0 | 62.6 | 19,200* | 160.0 | 66.8 | 15,100* | 170.0 | 63.0 | 9,900* | 170.0 | 68.1 | 8,100* |
| 140.0 | 61.5 | 28,900 | 140.0 | 63.9 | 30,000 | 160.0 | 59.8 | 23,500 | 160.0 | 63.1 | 23,800* | 170.0 | 60.4 | 18,500* | 170.0 | 64.6 | 14,700* | 180.0 | 61.0 | 9,600* | 180.0 | 66.0 | 7,800* |
| 150.0 | 59.1 | 25,400 | 150.0 | 61.3 | 26,500 | 170.0 | 57.4 | 20,800 | 170.0 | 60.6 | 22,500* | 180.0 | 58.2 | 18,100* | 180.0 | 62.3 | 14,500* | 190.0 | 58.9 | 9,200* | 190.0 | 63.8 | 7,700* |
| 160.0 | 56.5 | 22,400 | 160.0 | 58.8 | 23,400 | 180.0 | 55.0 | 18,600 | 180.0 | 58.1 | 20,200* | 190.0 | 56.0 | 17,600* | 190.0 | 60.0 | 14,300* | 200.0 | 56.8 | 9,100* | 200.0 | 61.6 | 7,600* |
| 170.0 | 53.9 | 19,900 | 170.0 | 56.1 | 20,600 | 190.0 | 52.5 | 16,500 | 190.0 | 55.5 | 18,100 | 200.0 | 53.6 | 16,000* | 200.0 | 57.5 | 14,000* | 210.0 | 54.6 | 8,800* | 210.0 | 59.4 | 7,400* |
| 180.0 | 51.2 | 17,600 | 180.0 | 53.3 | 18,200 | 200.0 | 49.9 | 14,600 | 200.0 | 52.8 | 16,100 | 210.0 | 51.2 | 14,300 | 210.0 | 55.0 | 13,800* | 220.0 | 52.4 | 8,400* | 220.0 | 57.0 | 7,300* |
| 190.0 | 48.4 | 15,700 | 190.0 | 50.4 | 16,100 | 210.0 | 47.2 | 13,000 | 210.0 | 50.0 | 14,300 | 220.0 | 48.7 | 12,700 | 220.0 | 52.4 | 13,500* | 230.0 | 50.1 | 8,300* | 230.0 | 54.6 | 7,200* |
| 200.0 | 45.4 | 13,800 | 200.0 | 47.3 | 14,200 | 220.0 | 44.4 | 11,600 | 220.0 | 47.1 | 12,600 | 230.0 | 46.1 | 11,400 | 230.0 | 49.7 | 12,200 | 240.0 | 47.7 | 8,000* | 240.0 | 52.0 | 7,200* |
| 210.0 | 42.3 | 12,100 | 210.0 | 44.1 | 12,500 | 230.0 | 41.4 | 10,300 | 230.0 | 43.9 | 11,100 | 240.0 | 43.4 | 10,000 | 240.0 | 46.8 | 10,900 | 250.0 | 45.1 | 7,900* | 250.0 | 49.4 | 7,000* |
| 220.0 | 38.9 | 10,700 | 220.0 | 40.6 | 11,100 | 240.0 | 38.1 | 8,900 | 240.0 | 40.5 | 9,800 | 250.0 | 40.5 | 8,900 | 250.0 | 43.7 | 9,600 | 260.0 | 42.5 | 7,500* | 260.0 | 46.5 | 7,000* |
| 230.0 | 35.3 | 9,400 | 230.0 | 36.8 | 9,600 | 250.0 | 34.6 | 7,800 | 250.0 | 36.8 | 8,500 | 260.0 | 37.4 | 7,900 | 260.0 | 40.4 | 8,400 | 270.0 | 39.7 | 7,200* | 270.0 | 43.5 | 7,000* |
| 240.0 | 31.3 | 8,200 | 240.0 | 32.6 | 8,400 | 260.0 | 30.8 | 6,800 | 260.0 | 32.6 | 7,500 | 270.0 | 34.0 | 6,900 | 270.0 | 36.7 | 7,300 | 280.0 | 36.7 | 6,500* | 280.0 | 40.3 | 6,700 |
| 243.1 | 30.0 | 7,900 | 245.4 | 30.0 | 7,700 | 261.8 | 30.0 | 6,600 | 265.4 | 30.0 | 6,800 | 280.0 | 30.3 | 6,000 | 280.0 | 32.6 | 6,300 | 290.0 | 33.4 | 5,800 | 290.0 | 36.7 | 6,100 |
| | | | | | | | | | | | | 280.8 | 30.0 | 5,900 | 285.4 | 30.0 | 5,700 | 299.5 | 30.0 | 5,000 | 305.4 | 32.5 | 5,400 |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 |

| 240' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|-------|------|--------|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | | | |
| 60.4 | 80.0 | 58,200* | | | | 67.3 | 80.0 | 46,500* | | | | 73.8 | 80.0 | 26,600* | | | | 80.7 | 80.0 | 14,700* | | | |
| 65.0 | 79.0 | 57,200* | | | | 70.0 | 79.4 | 45,900* | | | | 75.0 | 79.8 | 26,500* | | | | 85.0 | 79.3 | 14,300* | | | |
| 70.0 | 78.0 | 56,200* | | | | 75.0 | 78.5 | 44,800* | | | | 80.0 | 78.9 | 25,800* | | | | 90.0 | 78.4 | 14,000* | | | |
| 75.0 | 76.9 | 55,200* | 75.0 | 79.4 | 41,800* | 80.0 | 77.5 | 43,800* | | | | 85.0 | 78.0 | 25,300* | | | | 95.0 | 77.5 | 13,700* | | | |
| 80.0 | 75.9 | 54,200* | 80.0 | 78.4 | 41,300* | 85.0 | 76.5 | 43,000* | 85.3 | 80.0 | 29,700* | 90.0 | 77.1 | 24,800* | | | | 100.0 | 76.7 | 13,500* | | | |
| 85.0 | 74.8 | 53,400* | 85.0 | 77.3 | 41,000* | 90.0 | 75.5 | 42,200* | 90.0 | 79.0 | 29,700* | 95.0 | 76.1 | 24,400* | 98.0 | 80.0 | 17,800* | 110.0 | 74.9 | 12,800* | 110.8 | 80.0 | 9,400* |
| 90.0 | 73.8 | 52,500* | 90.0 | 76.2 | 40,500* | 95.0 | 74.5 | 41,300* | 95.0 | 78.0 | 29,600* | 100.0 | 75.2 | 24,000* | 100.0 | 79.6 | 17,500* | 120.0 | 73.1 | 12,200* | 120.0 | 78.3 | 9,100* |
| 95.0 | 72.7 | 51,000 | 95.0 | 75.1 | 39,800* | 100.0 | 73.5 | 40,500* | 100.0 | 77.0 | 29,400* | 110.0 | 73.3 | 23,200* | 110.0 | 77.7 | 17,200* | 130.0 | 71.3 | 11,700* | 130.0 | 76.5 | 9,000* |
| 100.0 | 71.6 | 48,700 | 100.0 | 74.0 | 38,900* | 110.0 | 71.5 | 39,200* | 110.0 | 74.9 | 28,700* | 120.0 | 71.4 | 22,300* | 120.0 | 75.7 | 16,600* | 140.0 | 69.5 | 11,300* | 140.0 | 74.6 | 8,700* |
| 110.0 | 69.4 | 42,400 | 110.0 | 71.8 | 37,200* | 120.0 | 69.5 | 37,500* | 120.0 | 72.8 | 28,000* | 130.0 | 69.5 | 21,600* | 130.0 | 73.8 | 16,300* | 150.0 | 67.7 | 10,800* | 150.0 | 72.7 | 8,400* |
| 120.0 | 67.2 | 37,100 | 120.0 | 69.5 | 35,900 | 130.0 | 67.4 | 33,600 | 130.0 | 70.7 | 27,000* | 140.0 | 67.5 | 21,000* | 140.0 | 71.8 | 16,000* | 160.0 | 65.8 | 10,400* | 160.0 | 70.8 | 8,200* |
| 130.0 | 65.0 | 32,500 | 130.0 | 67.3 | 33,600 | 140.0 | 65.3 | 29,600 | 140.0 | 68.6 | 26,000* | 150.0 | 65.6 | 20,300* | 150.0 | 69.7 | 15,600* | 170.0 | 63.9 | 10,100* | 170.0 | 68.8 | 8,100* |
| 140.0 | 62.7 | 28,500 | 140.0 | 64.9 | 29,800 | 150.0 | 63.1 | 26,100 | 150.0 | 66.3 | 25,000* | 160.0 | 63.5 | 19,600* | 160.0 | 67.6 | 15,300* | 180.0 | 62.0 | 9,800* | 180.0 | 66.8 | 7,900* |
| 150.0 | 60.3 | 25,000 | 150.0 | 62.5 | 26,100 | 160.0 | 60.9 | 23,100 | 160.0 | 64.1 | 24,300* | 170.0 | 61.5 | 19,000* | 170.0 | 65.5 | 15,000* | 190.0 | 60.0 | 9,400* | 190.0 | 64.7 | 7,700* |
| 160.0 | 57.9 | 22,000 | 160.0 | 60.1 | 23,100 | 170.0 | 58.7 | 20,400 | 170.0 | 61.8 | 22,400* | 180.0 | 59.4 | 18,400* | 180.0 | 63.3 | 14,600* | 200.0 | 57.9 | 9,100* | 200.0 | 62.6 | 7,600* |
| 170.0 | 55.4 | 19,500 | 170.0 | 57.5 | 20,400 | 180.0 | 56.4 | 18,100 | 180.0 | 59.4 | 19,800 | 190.0 | 57.2 | 17,200* | 190.0 | 61.1 | 14,300* | 210.0 | 55.9 | 8,800* | 210.0 | 60.5 | 7,400* |
| 180.0 | 52.9 | 17,100 | 180.0 | 54.9 | 18,000 | 190.0 | 54.0 | 16,100 | 190.0 | 57.0 | 17,600 | 200.0 | 55.0 | 15,500* | 200.0 | 58.8 | 14,200* | 220.0 | 53.7 | 8,700* | 220.0 | 58.3 | 7,300* |
| 190.0 | 50.2 | 15,200 | 190.0 | 52.2 | 15,900 | 200.0 | 51.5 | 14,200 | 200.0 | 54.4 | 15,700 | 210.0 | 52.7 | 13,800 | 210.0 | 56.4 | 13,800* | 230.0 | 51.5 | 8,300* | 230.0 | 56.0 | 7,200* |
| 200.0 | 47.4 | 13,300 | 200.0 | 49.3 | 14,000 | 210.0 | 49.0 | 12,500 | 210.0 | 51.8 | 13,800 | 220.0 | 50.3 | 12,300 | 220.0 | 54.0 | 13,400* | 240.0 | 49.2 | 8,200* | 240.0 | 53.6 | 7,200* |
| 210.0 | 44.6 | 11,600 | 210.0 | 46.4 | 12,300 | 220.0 | 46.3 | 11,200 | 220.0 | 49.0 | 12,300 | 230.0 | 47.9 | 10,900 | 230.0 | 51.4 | 12,000 | 250.0 | 46.9 | 7,900* | 250.0 | 51.1 | 7,000* |
| 220.0 | 41.5 | 10,300 | 220.0 | 43.2 | 10,700 | 230.0 | 43.6 | 9,800 | 230.0 | 46.1 | 10,900 | 240.0 | 45.3 | 9,700 | 240.0 | 48.7 | 10,700 | 260.0 | 44.4 | 7,600* | 260.0 | 48.4 | 7,000* |
| 230.0 | 38.2 | 8,900 | 230.0 | 39.8 | 9,200 | 240.0 | 40.6 | 8,500 | 240.0 | 43.0 | 9,500 | 250.0 | 42.6 | 8,500 | 250.0 | 45.9 | 9,300 | 270.0 | 41.8 | 7,100* | 270.0 | 45.7 | 7,000* |
| 240.0 | 34.6 | 7,700 | 240.0 | 36.0 | 7,800 | 250.0 | 37.4 | 7,400 | 250.0 | 39.7 | 8,200 | 260.0 | 39.8 | 7,500 | 260.0 | | | | | | | | |

CK2750G-3 CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 250' Boom | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|---------------------|-------------------|------------------|------------------|-------------------|------------------|------------------|-------------------|------------------|---|
| 40 ft Jib | | | | | | 60 ft Jib | | | | | | 80 ft Jib | | | | | | 100 ft Jib | | | | | | | | | |
| Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | Offset Angle (deg.) | | | | | | | | | |
| 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | 10 | | | 30 | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | |
| 62.0 | 80.0 | 58,200* | | | | 68.9 | 80.0 | 46,500* | | | | 75.8 | 80.0 | 26,400* | | | | 82.7 | 80.0 | 14,700* | | | | | | | |
| 65.0 | 79.4 | 57,600* | | | | 70.0 | 79.8 | 46,200* | | | | 80.0 | 79.2 | 26,100* | | | | 85.0 | 79.6 | 14,500* | | | | | | | |
| 70.0 | 78.4 | 56,600* | 74.1 | 80.0 | 42,100* | 75.0 | 78.8 | 45,200* | | | | 85.0 | 78.3 | 25,600* | | | | 90.0 | 78.8 | 14,200* | | | | | | | |
| 75.0 | 77.4 | 55,600* | 75.0 | 79.8 | 42,000* | 80.0 | 77.9 | 44,300* | | | | 90.0 | 77.5 | 25,000* | | | | 95.0 | 77.9 | 13,800* | | | | | | | |
| 80.0 | 76.4 | 54,600* | | | | 85.0 | 76.9 | 43,400* | 86.9 | 80.0 | 29,700* | 95.0 | 76.6 | 24,700* | | | | 100.0 | 77.1 | 13,500* | | | | | | | |
| 85.0 | 75.4 | 53,800* | 85.0 | 77.7 | 41,200* | 90.0 | 76.0 | 42,600* | 90.0 | 79.4 | 29,700* | 100.0 | 75.7 | 24,300* | 100.0 | 79.9 | 17,600* | 110.0 | 75.4 | 13,000* | 112.5 | 80.0 | 9,400* | | | | |
| 90.0 | 74.3 | 53,000* | 90.0 | 76.7 | 40,700* | 95.0 | 75.0 | 41,800* | 95.0 | 78.4 | 29,600* | 110.0 | 73.8 | 23,400* | 110.0 | 78.1 | 17,200* | 120.0 | 73.6 | 12,500* | 120.0 | 78.7 | 9,200* | | | | |
| 95.0 | 73.3 | 50,300 | 95.0 | 75.7 | 40,100* | 100.0 | 74.1 | 41,000* | 100.0 | 77.4 | 29,400* | 120.0 | 72.0 | 22,500* | 120.0 | 76.2 | 16,800* | 130.0 | 71.9 | 11,900* | 130.0 | 76.9 | 9,000* | | | | |
| 100.0 | 72.3 | 46,800 | 100.0 | 74.6 | 39,400* | 110.0 | 72.1 | 39,600* | 110.0 | 75.4 | 28,900* | 130.0 | 70.1 | 21,900* | 130.0 | 74.3 | 16,300* | 140.0 | 70.1 | 11,500* | 140.0 | 75.1 | 8,700* | | | | |
| 110.0 | 70.2 | 41,100 | 110.0 | 72.5 | 37,700* | 120.0 | 70.2 | 37,500* | 120.0 | 73.4 | 28,300* | 140.0 | 68.3 | 21,200* | 140.0 | 72.4 | 16,000* | 150.0 | 68.4 | 11,000* | 150.0 | 73.3 | 8,500* | | | | |
| 120.0 | 68.0 | 36,300 | 120.0 | 70.3 | 36,300 | 130.0 | 68.2 | 32,900 | 130.0 | 71.4 | 27,200* | 150.0 | 66.4 | 20,500* | 150.0 | 70.4 | 15,600* | 160.0 | 66.5 | 10,700* | 160.0 | 71.4 | 8,300* | | | | |
| 130.0 | 65.9 | 31,800 | 130.0 | 68.1 | 33,300 | 140.0 | 66.1 | 28,900 | 140.0 | 69.3 | 26,200* | 160.0 | 64.4 | 19,800* | 160.0 | 68.4 | 15,300* | 170.0 | 64.7 | 10,300* | 170.0 | 69.5 | 8,100* | | | | |
| 140.0 | 63.7 | 27,800 | 140.0 | 65.9 | 29,100 | 150.0 | 64.1 | 25,400 | 150.0 | 67.2 | 25,400* | 170.0 | 62.4 | 19,200* | 170.0 | 66.4 | 15,000* | 180.0 | 62.8 | 9,800* | 180.0 | 67.6 | 8,000* | | | | |
| 150.0 | 61.4 | 24,300 | 150.0 | 63.6 | 25,600 | 160.0 | 62.0 | 22,400 | 160.0 | 65.1 | 24,100* | 180.0 | 60.4 | 18,400* | 180.0 | 64.3 | 14,700* | 190.0 | 60.9 | 9,700* | 190.0 | 65.6 | 7,700* | | | | |
| 160.0 | 59.1 | 21,300 | 160.0 | 61.2 | 22,400 | 170.0 | 59.8 | 19,700 | 170.0 | 62.8 | 21,700* | 190.0 | 58.4 | 16,800* | 190.0 | 62.2 | 14,500* | 200.0 | 59.0 | 9,300* | 200.0 | 63.6 | 7,700* | | | | |
| 170.0 | 56.8 | 18,800 | 170.0 | 58.8 | 19,700 | 180.0 | 57.6 | 17,500 | 180.0 | 60.6 | 19,300 | 200.0 | 56.2 | 14,900 | 200.0 | 60.0 | 14,200* | 210.0 | 57.0 | 9,000* | 210.0 | 61.5 | 7,400* | | | | |
| 180.0 | 54.4 | 16,500 | 180.0 | 56.4 | 17,400 | 190.0 | 55.4 | 15,400 | 190.0 | 58.3 | 17,000 | 210.0 | 54.1 | 13,200 | 210.0 | 57.7 | 14,100* | 220.0 | 55.0 | 8,700* | 220.0 | 59.4 | 7,300* | | | | |
| 190.0 | 51.9 | 14,300 | 190.0 | 53.8 | 15,200 | 200.0 | 53.0 | 13,500 | 200.0 | 55.9 | 15,100 | 220.0 | 51.8 | 11,600 | 220.0 | 55.4 | 12,900 | 230.0 | 52.9 | 8,500* | 230.0 | 57.2 | 7,200* | | | | |
| 200.0 | 49.3 | 12,600 | 200.0 | 51.1 | 13,300 | 210.0 | 50.6 | 11,900 | 210.0 | 53.4 | 13,400 | 230.0 | 49.5 | 10,300 | 230.0 | 53.0 | 11,400 | 240.0 | 50.7 | 8,200* | 240.0 | 54.9 | 7,200* | | | | |
| 210.0 | 46.6 | 11,000 | 210.0 | 48.4 | 11,600 | 220.0 | 48.1 | 10,400 | 220.0 | 50.8 | 11,700 | 240.0 | 47.1 | 9,000 | 240.0 | 50.5 | 10,000 | 250.0 | 48.5 | 8,100* | 250.0 | 52.6 | 7,200* | | | | |
| 220.0 | 43.7 | 9,500 | 220.0 | 45.4 | 9,900 | 230.0 | 45.5 | 9,000 | 230.0 | 48.1 | 10,300 | 250.0 | 44.6 | 7,800 | 250.0 | 47.8 | 8,700 | 260.0 | 46.1 | 7,400* | 260.0 | 50.1 | 7,000* | | | | |
| 230.0 | 40.7 | 8,100 | 230.0 | 42.3 | 8,500 | 240.0 | 42.8 | 7,800 | 240.0 | 45.2 | 8,900 | 260.0 | 41.9 | 6,800 | 260.0 | 45.0 | 7,600 | 270.0 | 43.7 | 6,500 | 270.0 | 47.6 | 6,900* | | | | |
| 240.0 | 37.5 | 6,900 | 240.0 | 39.0 | 7,300 | 250.0 | 39.9 | 6,700 | 250.0 | 42.2 | 7,600 | 270.0 | 39.1 | 5,800 | 270.0 | 42.0 | 6,500 | 280.0 | 41.1 | 5,600 | 280.0 | 44.8 | 6,300* | | | | |
| 250.0 | 34.0 | 5,800 | 250.0 | 35.3 | 6,100 | 260.0 | 36.8 | 5,700 | 260.0 | 38.9 | 6,500 | 280.0 | 36.1 | 4,900 | 280.0 | 38.8 | 5,500 | 290.0 | 38.4 | 4,700 | 290.0 | 41.9 | 5,600 | | | | |
| 260.0 | 30.2 | 4,800 | 260.0 | 31.2 | 5,000 | 270.0 | 33.4 | 4,700 | 270.0 | 35.3 | 5,400 | 290.0 | 32.9 | 4,100 | 290.0 | 35.3 | 4,500 | 300.0 | 35.5 | 3,900 | 300.0 | 38.7 | 4,700 | | | | |
| 260.4 | 30.0 | 4,800 | 262.7 | 30.0 | 4,800 | 279.1 | 30.0 | 3,900 | 280.0 | 31.2 | 4,400 | 297.9 | 30.0 | 3,300 | 300.0 | 31.2 | 3,600 | 310.0 | 32.3 | 3,400 | 310.0 | 35.2 | 3,800 | | | | |
| | | | | | | | | | 282.8 | 30.0 | 4,100 | | | | 302.8 | 30.0 | 3,300 | 316.9 | 30.0 | 2,800 | | | 3,100 | | | | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 | Reeves | 1 |

*Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes on page 23.*

Clamshell

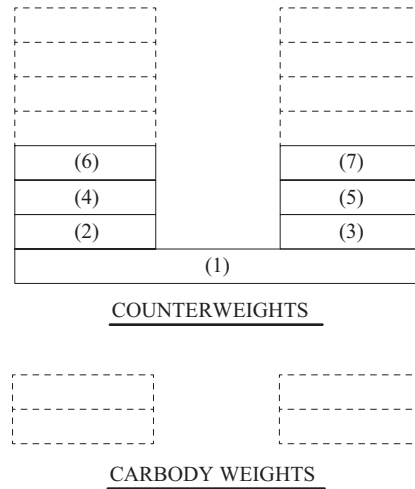
1. Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or de-rate rated loads to 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).
2. Rated loads do not exceed 66% of minimum tipping loads. Rated loads based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
3. The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.
 - The crane must be leveled to within 1% on a firm supporting.
 - Machine shall be positively secured to prevent shifting.
 - Boom backstops are required for all boom length.
 - Gantry must be fully raised position for all operations.
 - Crawlers must be fully extended and be locked in position.
 - Must have 105,570 lbs (6) Counterweights installed, and without carbody weights.
4. Do not attempt to lift where no radius on load is listed as crane may tip or collapse.
5. Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine rated loads.
6. Weight of bucket, 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.
7. The boom should be erected over the front of the crawlers, not laterally.
8. Least stable position is over the side.

9. Maximum hoist load for number of reeving parts of line for hoist rope.

Maximum Load Per Line

| | |
|----------------------|--------|
| No. of Parts of line | 1 |
| Maximum Loads (lbs) | 29,500 |

10. Rated loads listed apply only to the machine as originally manufactured and designed by KOBELCO CONSTRUCTION MACHINERY CO., LTD. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.
11. Assembling the counterweight
 - 105,570 lbs Counterweight
 - Without carbody counterweight.



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

Clamshell

Boom :

Welded lattice construction using tubular, high-tensile steel chords with pin connections between each section.

Basic boom length : 50 ft (15.2 m)

Max. boom length : 120 ft (36.6 m)

Limit on clamshell bucket weight : 4,600 lbs (2,100 kg)

Optional tagline : Hydraulic operated type and spring type.

Boom Component Chart :

| Boom length ft (m) | Boom arrangement |
|--------------------|--|
| 50 (15.2) | Base-Tip |
| 60 (18.3) | Base-A-Tip |
| 70 (21.3) | Base-A-A-Tip, Base-B-Tip |
| 80 (24.4) | Base-A-B-Tip |
| 90 (27.4) | Base-A-A-B-Tip, Base-B-B-Tip, Base-C-Tip |
| 100 (30.5) | Base-A-B-B-Tip, Base-A-C-Tip |
| 110 (33.5) | Base-A-A-B-B-Tip, Base-A-A-C-Tip, Base-B-C-Tip |
| 120 (36.6) | Base-A-B-C-Tip, |

Base = Boom Base

Insert : A = 10 ft (3.05 m)

B = 20 ft (6.10 m)

C = 40 ft (12.2 m)

Tip = Boom Tip

1. Figures represent maximum allowable capacity, and assume level, ground and ideal working conditions.
2. Capacities are calculated at 66% of the minimum tipping loads.
3. Capacities are maximum recommended by PCSA Standard #4. Allowances must be made by the user for such unfavorable conditions as a sort of uneven supporting surface, rapid cycle operations, or bucket.
4. The combined weight of the bucket and load must not exceed these capacities.

Counterweights : 105,570 lbs Without carbody weights

| 50' Boom | | | 60' Boom | | | 70' Boom | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 26.0 | 66.3 | 29,500 * | 30.0 | 66.3 | 29,500 * | 34.0 | 66.3 | 29,500 * |
| 28.0 | 63.7 | 29,500 * | 32.0 | 64.2 | 29,500 * | 36.0 | 64.5 | 29,500 * |
| 30.0 | 61.1 | 29,500 * | 34.0 | 62.0 | 29,500 * | 38.0 | 62.7 | 29,500 * |
| 32.0 | 58.4 | 29,500 * | 36.0 | 59.8 | 29,500 * | 40.0 | 60.8 | 29,500 * |
| 34.0 | 55.6 | 29,500 * | 38.0 | 57.5 | 29,500 * | 45.0 | 55.9 | 29,500 * |
| 36.0 | 52.7 | 29,500 * | 40.0 | 55.2 | 29,500 * | 50.0 | 50.7 | 29,500 * |
| 38.0 | 49.7 | 29,500 * | 45.0 | 49.0 | 29,500 * | 55.0 | 45.1 | 29,500 * |
| 40.0 | 46.6 | 29,500 * | 50.0 | 42.2 | 29,500 * | 60.0 | 38.8 | 29,500 * |
| 45.0 | 37.7 | 29,500 * | 55.0 | 34.2 | 29,500 * | 65.0 | 31.5 | 29,500 * |

Refer to notes on page 38.

CK2750G-3 CLAMSHELL DATA

Clamshell

Counterweights : 105,570 lbs Without carbody weights

| 80' Boom | | | 90' Boom | | | 100' Boom | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 38.0 | 66.3 | 29,500 * | 45.0 | 64.2 | 29,500 * | 50.0 | 63.8 | 29,500 * |
| 40.0 | 64.7 | 29,500 * | 50.0 | 60.6 | 29,500 * | 55.0 | 60.5 | 29,500 * |
| 45.0 | 60.7 | 29,500 * | 55.0 | 56.8 | 29,500 * | 60.0 | 57.2 | 29,500 * |
| 50.0 | 56.4 | 29,500 * | 60.0 | 52.9 | 29,500 * | 65.0 | 53.7 | 29,500 * |
| 55.0 | 52.0 | 29,500 * | 65.0 | 48.7 | 29,500 * | 70.0 | 50.0 | 29,500 * |
| 60.0 | 47.2 | 29,500 * | 70.0 | 44.3 | 29,500 * | 75.0 | 46.1 | 29,500 * |
| 65.0 | 42.0 | 29,500 * | 75.0 | 39.4 | 29,500 * | 80.0 | 41.9 | 29,500 * |
| 70.0 | 36.2 | 29,500 * | 80.0 | 34.0 | 29,500 * | 85.0 | 37.3 | 29,500 * |
| | | | | | | 90.0 | 32.2 | 29,500 * |
| 110' Boom | | | 120' Boom | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | |
| 50.0 | 66.4 | 29,500 * | 55.0 | 65.8 | 29,500 * | | | |
| 55.0 | 63.5 | 29,500 * | 60.0 | 63.2 | 29,500 * | | | |
| 60.0 | 60.5 | 29,500 * | 65.0 | 60.5 | 29,500 * | | | |
| 65.0 | 57.4 | 29,500 * | 70.0 | 57.6 | 29,500 * | | | |
| 70.0 | 54.3 | 29,500 * | 75.0 | 54.8 | 29,500 * | | | |
| 75.0 | 50.9 | 29,500 * | 80.0 | 51.7 | 29,500 * | | | |
| 80.0 | 47.5 | 29,500 * | 85.0 | 48.6 | 29,500 * | | | |
| 85.0 | 43.8 | 29,500 * | 90.0 | 45.3 | 29,500 * | | | |
| 90.0 | 39.8 | 29,500 * | 95.0 | 41.8 | 27,900 | | | |
| 95.0 | 35.5 | 27,700 | 100.0 | 38.0 | 25,700 | | | |
| 100.0 | 30.6 | 25,700 | 105.0 | 33.9 | 23,800 | | | |

Refer to notes on page 38.

Barge

- 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).

- Rated loads do not exceed 75% of minimum tipping loads. Rated loads 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 operation manual and all the instruction manuals if these manuals are missing, obtain replacements.

- Machine shall be positively secured to prevent shifting.
- Boom backstops are required for all boom length.
- Gantry must be fully raised position for all operations.
- Must have 200,650 lbs (15) Counterweights fully installed.
- Must have 60,240 lbs (4) Carbody weights fully installed.

- Do not attempt to lift where no radius on load 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 rated loads.

- 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 boom point with jib or auxiliary sheave, rated loads for the boom must be deducted as shown below.

| Jib Length | Aux Sheave | 40 ft | 60 ft | 80 ft | 100 ft |
|--------------|------------|----------------|-------|-------|--------|
| Deduct (lbs) | 700 | Not Applicable | | | |

- To install the jib is prohibited when the machine is on a barge.

- The total load that can be lifted over an auxiliary sheave is the value for 700 lbs deducted from rated load for the boom without auxiliary sheave, but it should not exceed 59,500 lbs.

- Boom lengths that can attach auxiliary sheave are from 50 ft (15.2 m) to 290 ft (88.4 m).

- The boom should be erected over the front of the crawlers, not laterally.

- Least stable position is over the side.

- Maximum hoist load for number of reeving parts of line for hoist rope.

Maximum Load for Main Boom

| No. of Parts of line | 1 | 2 | 3 | 4 | 5 |
|----------------------|--------|--------|--------|---------|---------|
| Maximum Loads (lbs) | 29,700 | 59,500 | 89,200 | 119,000 | 148,800 |

| No. of Parts of line | 6 | 7 | 8 | 10 | 12 |
|----------------------|---------|---------|---------|---------|---------|
| Maximum Loads (lbs) | 178,500 | 208,300 | 238,000 | 297,600 | 352,700 |

| No. of Parts of line | 14 | 16 | 18 | 20 | 22 |
|----------------------|---------|---------|---------|---------|---------|
| Maximum Loads (lbs) | 403,400 | 451,900 | 500,400 | 529,100 | 550,000 |

Maximum Load Auxiliary Sheave

| No. of Parts of line | 1 | 2 |
|----------------------|--------|--------|
| Maximum Loads (lbs) | 29,700 | 59,500 |

- Weight of recommended hook block.

| Hook Block | 275 t | 165 t | 110 t | 77 t | 39 t | 15 t ball hook |
|--------------|-------|-------|-------|-------|-------|----------------|
| Weight (lbs) | 9,260 | 5,075 | 3,970 | 2,650 | 1,990 | 1,000 |

WARNING

If the weight of the hook block to be used is lighter than the recommended weight, the jib may turn over backward or will be difficult to lower the empty hook block.

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

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

CK2750G-3 CRANE - LIFTING CHART

Barge

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 50' Boom | | | | | 60' Boom | | | | | 70' Boom | | | | | | | |
|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 360° Rated Load (lbs) | | | | | 360° Rated Load (lbs) | | | | | 360° Rated Load (lbs) | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List |
| 15.0 | 79.5 | 550,000 * | | | | 16.4 | 80.0 | 499,700 * | | | | 18.0 | 80.0 | 451,900 * | | | |
| 16.0 | 78.4 | 521,700 * | | | | 17.0 | 79.4 | 485,600 * | | | | 19.0 | 79.3 | 434,000 * | | | |
| 17.0 | 77.3 | 492,900 * | | | | 18.0 | 78.4 | 462,000 * | | | | 20.0 | 78.4 | 415,800 * | | | |
| 18.0 | 76.1 | 466,500 * | | | | 19.0 | 77.5 | 438,300 * | | | | 22.0 | 76.8 | 381,000 * | | | |
| 19.0 | 74.9 | 440,200 * | 440,100 * | | | 20.0 | 76.5 | 416,600 * | 387,700 * | | | 24.0 | 75.1 | 350,400 * | 339,700 * | | |
| 20.0 | 73.7 | 416,700 * | 416,700 * | | | 22.0 | 74.5 | 381,800 * | 381,800 * | | | 26.0 | 73.4 | 323,800 * | 323,800 * | | |
| 22.0 | 71.2 | 382,300 * | 382,300 * | 331,700 * | | 24.0 | 72.5 | 351,300 * | 351,200 * | 275,300 * | | 28.0 | 71.6 | 302,100 * | 298,500 | 231,200 * | |
| 24.0 | 68.8 | 351,900 * | 351,900 * | 330,200 * | 272,100 * | 26.0 | 70.4 | 324,700 * | 324,600 * | 272,400 * | 219,100 * | 30.0 | 69.9 | 282,100 * | 269,100 | 228,200 * | 182,500 * |
| 26.0 | 66.3 | 325,300 * | 325,300 * | 325,300 * | 271,400 * | 28.0 | 68.4 | 302,900 * | 298,000 | 269,000 * | 216,900 * | 32.0 | 68.1 | 265,000 * | 245,100 | 225,500 * | 180,700 * |
| 28.0 | 63.7 | 303,500 * | 303,500 * | 297,300 | 269,700 * | 30.0 | 66.3 | 282,700 * | 268,900 | 256,100 * | 214,700 * | 34.0 | 66.3 | 247,300 | 224,600 | 215,800 * | 178,700 * |
| 30.0 | 61.1 | 283,400 * | 282,800 | 268,200 | 256,200 | 32.0 | 64.2 | 265,700 * | 244,900 | 234,700 | 212,700 * | 36.0 | 64.5 | 229,300 | 207,400 | 199,900 | 177,200 * |
| 32.0 | 58.4 | 266,300 * | 256,200 | 244,200 | 234,100 | 34.0 | 62.0 | 247,900 | 224,600 | 215,900 | 207,200 | 38.0 | 62.6 | 211,200 | 192,400 | 185,900 | 175,400 * |
| 34.0 | 55.5 | 248,300 | 234,100 | 223,900 | 215,300 | 36.0 | 59.7 | 229,600 | 207,200 | 202,300 | 197,300 | 40.0 | 60.8 | 195,000 | 179,400 | 173,700 | 167,900 |
| 36.0 | 52.6 | 229,700 | 215,300 | 206,700 | 199,400 | 38.0 | 57.5 | 211,300 | 197,300 | 192,400 | 185,900 | 42.0 | 58.8 | 183,100 | 168,800 | 163,700 | 158,500 |
| 38.0 | 49.6 | 211,100 | 199,400 | 192,000 | 185,500 | 40.0 | 55.2 | 195,000 | 185,900 | 179,400 | 173,700 | 44.0 | 56.9 | 171,100 | 158,300 | 153,800 | 149,100 |
| 40.0 | 46.4 | 194,600 | 185,500 | 179,000 | 173,200 | 42.0 | 52.7 | 183,100 | 174,700 | 168,900 | 163,800 | 46.0 | 54.9 | 159,300 | 149,400 | 145,500 | 141,400 |
| 42.0 | 42.9 | 182,600 | 174,300 | 168,500 | 165,000 | 44.0 | 50.2 | 171,100 | 163,600 | 158,500 | 153,900 | 48.0 | 52.8 | 151,100 | 142,100 | 138,700 | 135,200 |
| 44.0 | 39.3 | 170,700 | 163,100 | 158,000 | 156,900 | 46.0 | 47.7 | 159,300 | 153,900 | 149,300 | 145,200 | 50.0 | 50.6 | 142,900 | 134,900 | 132,000 | 129,100 |
| | | | | | | 48.0 | 44.8 | 151,100 | 145,500 | 141,500 | 137,700 | 55.0 | 45.0 | 125,200 | 120,700 | 117,900 | 115,200 |
| | | | | | | 50.0 | 42.0 | 142,900 | 137,200 | 133,700 | 130,300 | 60.0 | 38.7 | 110,900 | 107,500 | 105,200 | 103,000 |
| | | | | | | 55.0 | 34.0 | 125,100 | 120,700 | 117,900 | 116,600 | 65.0 | 31.4 | 99,700 | 96,700 | 94,900 | 94,000 |
| Reeves | 22 | 16 | 12 | 10 | | Reeves | 18 | 14 | 10 | 8 | | Reeves | 16 | 12 | 8 | 7 | |
| 80' Boom | | | | | 90' Boom | | | | | 100' Boom | | | | | | | |
| 360° Rated Load (lbs) | | | | | 360° Rated Load (lbs) | | | | | 360° Rated Load (lbs) | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List |
| 20.0 | 80.0 | 403,400 * | | | | 21.6 | 80.0 | 384,700 * | | | | 23.2 | 80.0 | 339,900 * | | | |
| 22.0 | 78.4 | 376,700 * | | | | 22.0 | 79.7 | 378,900 * | | | | 24.0 | 79.6 | 334,800 * | | | |
| 24.0 | 77.0 | 349,900 * | | | | 24.0 | 78.4 | 349,300 * | | | | 26.0 | 78.4 | 320,500 * | | | |
| 26.0 | 75.5 | 323,300 * | 299,600 * | | | 26.0 | 77.1 | 322,700 * | | | | 28.0 | 77.3 | 298,000 * | | | |
| 28.0 | 74.0 | 301,700 * | 294,300 * | | | 28.0 | 75.8 | 300,900 * | 267,800 * | | | 30.0 | 76.1 | 276,100 * | 241,100 * | | |
| 30.0 | 72.5 | 281,600 * | 269,400 | | | 30.0 | 74.5 | 280,200 * | 263,400 * | | | 32.0 | 74.9 | 260,000 * | 237,400 * | | |
| 32.0 | 71.0 | 264,600 * | 245,300 | 198,800 * | | 32.0 | 73.2 | 260,700 * | 245,100 | 176,800 * | | 34.0 | 73.7 | 243,500 | 224,800 | | |
| 34.0 | 69.4 | 247,000 | 224,800 | 196,500 * | 155,500 * | 34.0 | 71.8 | 243,000 | 224,600 | 174,800 * | | 36.0 | 72.5 | 226,800 | 207,400 | 156,300 * | |
| 36.0 | 67.9 | 229,000 | 207,600 | 194,000 * | 153,900 * | 36.0 | 70.5 | 226,500 | 207,200 | 172,800 * | | 38.0 | 71.3 | 210,000 | 192,400 | 154,700 * | |
| 38.0 | 66.3 | 211,100 | 192,600 | 186,100 | 152,500 * | 38.0 | 69.1 | 210,100 | 192,200 | 171,000 * | 135,300 * | 40.0 | 70.1 | 194,800 | 179,200 | 152,900 * | 119,900 * |
| 40.0 | 64.7 | 195,000 | 179,600 | 173,800 | 151,100 * | 40.0 | 67.7 | 195,000 | 179,200 | 167,700 | 134,100 * | 42.0 | 68.8 | 182,800 | 168,600 | 149,400 | 118,900 * |
| 42.0 | 63.1 | 183,100 | 169,000 | 163,800 | 148,500 | 42.0 | 66.3 | 183,000 | 168,600 | 158,300 | 132,700 * | 44.0 | 67.6 | 170,700 | 158,100 | 145,900 | 117,900 * |
| 44.0 | 61.5 | 171,100 | 158,500 | 153,900 | 145,900 | 44.0 | 64.9 | 171,000 | 158,100 | 148,900 | 131,300 * | 46.0 | 66.3 | 158,800 | 148,900 | 140,600 | 117,100 * |
| 46.0 | 59.8 | 159,300 | 149,300 | 145,200 | 141,100 | 46.0 | 63.5 | 159,100 | 148,900 | 141,100 | 129,000 * | 48.0 | 65.1 | 150,600 | 141,100 | 133,500 | 116,300 * |
| 48.0 | 58.1 | 151,100 | 141,500 | 137,700 | 133,900 | 48.0 | 62.0 | 150,800 | 141,100 | 134,900 | 126,000 | 50.0 | 63.8 | 142,300 | 133,300 | 126,400 | 115,500 * |
| 50.0 | 56.4 | 142,900 | 133,700 | 130,300 | 126,800 | 50.0 | 60.6 | 142,500 | 133,300 | 128,700 | 123,000 | 55.0 | 60.5 | 124,600 | 117,500 | 112,000 | 109,300 |
| 55.0 | 51.9 | 125,200 | 117,900 | 115,200 | 112,500 | 55.0 | 56.8 | 124,700 | 117,500 | 114,800 | 109,300 | 60.0 | 57.1 | 110,400 | 104,800 | 100,300 | 98,100 |
| 60.0 | 47.1 | 110,900 | 105,300 | 103,100 | 100,900 | 60.0 | 52.9 | 110,500 | 104,900 | 102,700 | 100,100 | 65.0 | 53.6 | 99,000 | 94,400 | 91,900 | 88,800 |
| 65.0 | 41.9 | 99,700 | 95,600 | 94,100 | 92,500 | 65.0 | 48.7 | 99,200 | 94,500 | 92,600 | 90,700 | 70.0 | 49.9 | 89,800 | 85,600 | 84,000 | 80,900 |
| 70.0 | 36.0 | 90,500 | 87,900 | 86,300 | 84,700 | 70.0 | 44.2 | 90,000 | 85,700 | 84,200 | 82,600 | 75.0 | 46.0 | 81,900 | 78,200 | 76,900 | 75,300 |
| | | | | | | 75.0 | 39.3 | 82,100 | 78,400 | 77,100 | 75,800 | 80.0 | 41.8 | 75,000 | 72,000 | 70,800 | 69,700 |
| | | | | | | 80.0 | 33.9 | 75,200 | 72,600 | 71,600 | 70,600 | 85.0 | 37.3 | 69,300 | 66,500 | 65,500 | 64,500 |
| | | | | | | | | | | | | 90.0 | 32.0 | 64,200 | 62,000 | 61,200 | 60,500 |
| Reeves | 14 | 12 | 7 | 6 | | Reeves | 14 | 10 | 6 | 5 | | Reeves | 12 | 10 | 6 | 5 | |

Refer to notes on page 41.

CK2750G-3 CRANE - LIFTING CHART

Barge

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 110' Boom | | | | | 120' Boom | | | | | 130' Boom | | | | | | | | |
|------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| | | 360° Rated Load (lbs) | | | | | 360° Rated Load (lbs) | | | | | 360° Rated Load (lbs) | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | |
| 25.2 | 80.0 | 317,000 * | | | | 26.9 | 80.0 | 280,600 * | | | | 28.5 | 80.0 | 255,000 * | | | | |
| 26.0 | 79.5 | 313,000 * | | | | 28.0 | 79.4 | 277,400 * | | | | 30.0 | 79.4 | 250,700 * | | | | |
| 28.0 | 78.4 | 295,100 * | | | | 30.0 | 78.4 | 268,700 * | | | | 32.0 | 78.5 | 240,700 * | | | | |
| 30.0 | 77.4 | 276,100 * | | | | 32.0 | 77.5 | 250,800 * | | | | 34.0 | 77.5 | 228,900 * | | | | |
| 32.0 | 76.3 | 257,300 * | | | | 34.0 | 76.5 | 235,300 | | | | 36.0 | 76.6 | 215,700 * | | | | |
| 34.0 | 75.2 | 240,400 | 215,800 * | | | 36.0 | 75.5 | 221,500 | 194,600 * | | | 38.0 | 75.7 | 202,500 * | 179,600 * | | | |
| 36.0 | 74.1 | 224,700 | 207,000 | | | 38.0 | 74.5 | 207,600 | 185,600 | | | 40.0 | 74.8 | 190,200 | 172,800 | | | |
| 38.0 | 73.1 | 209,100 | 192,000 | | | 40.0 | 73.5 | 194,400 | 173,200 | | | 42.0 | 73.9 | 179,600 | 162,800 | | | |
| 40.0 | 72.0 | 194,600 | 178,700 | 139,500 * | | 42.0 | 72.5 | 182,300 | 163,200 | | | 44.0 | 73.0 | 168,900 | 152,800 | | | |
| 42.0 | 70.8 | 182,500 | 168,200 | 138,000 * | | 44.0 | 71.5 | 170,300 | 153,200 | | | 46.0 | 72.0 | 158,400 | 144,100 | | | |
| 44.0 | 69.7 | 170,500 | 157,700 | 136,600 * | | 46.0 | 70.5 | 158,400 | 144,500 | 123,700 * | | 48.0 | 71.1 | 150,100 | 136,600 | | | |
| 46.0 | 68.6 | 158,600 | 148,500 | 133,700 * | 105,700 * | 48.0 | 69.5 | 150,200 | 137,000 | 122,500 * | | 50.0 | 70.2 | 141,900 | 129,100 | 111,900 * | | |
| 48.0 | 67.5 | 150,400 | 140,600 | 129,400 * | 104,800 * | 50.0 | 68.4 | 142,000 | 129,600 | 121,400 * | 94,800 * | 55.0 | 67.8 | 124,000 | 113,900 | 108,400 | 85,100 * | |
| 50.0 | 66.3 | 142,100 | 132,800 | 125,100 * | 104,000 * | 55.0 | 65.8 | 124,200 | 114,400 | 108,900 | 93,100 * | 60.0 | 65.4 | 109,600 | 101,700 | 97,200 | 83,500 * | |
| 55.0 | 63.4 | 124,300 | 117,000 | 111,400 | 101,300 * | 60.0 | 63.2 | 109,800 | 103,200 | 99,500 | 91,200 * | 65.0 | 62.9 | 98,100 | 91,600 | 87,900 | 81,600 * | |
| 60.0 | 60.5 | 110,000 | 104,200 | 99,800 | 95,700 | 65.0 | 60.4 | 98,400 | 93,900 | 90,200 | 86,800 | 70.0 | 60.4 | 88,900 | 83,200 | 80,000 | 77,700 | |
| 65.0 | 57.4 | 98,600 | 93,800 | 90,000 | 86,800 | 70.0 | 57.6 | 89,100 | 85,300 | 82,200 | 79,300 | 75.0 | 57.8 | 81,000 | 76,600 | 74,300 | 72,000 | |
| 70.0 | 54.2 | 89,200 | 85,000 | 82,000 | 80,400 | 75.0 | 54.7 | 81,200 | 77,900 | 75,200 | 72,700 | 80.0 | 55.2 | 74,000 | 70,800 | 68,600 | 66,400 | |
| 75.0 | 50.9 | 81,300 | 77,800 | 75,100 | 73,800 | 80.0 | 51.7 | 74,300 | 71,500 | 69,200 | 67,200 | 85.0 | 52.4 | 68,000 | 65,400 | 63,400 | 61,500 | |
| 80.0 | 47.4 | 74,500 | 71,400 | 69,800 | 67,900 | 85.0 | 48.6 | 68,200 | 66,000 | 64,000 | 63,000 | 90.0 | 49.5 | 63,100 | 60,600 | 58,800 | 57,100 | |
| 85.0 | 43.8 | 68,400 | 65,800 | 64,800 | 62,800 | 90.0 | 45.3 | 63,300 | 61,200 | 59,500 | 58,600 | 95.0 | 46.5 | 58,500 | 56,300 | 54,800 | 53,400 | |
| 90.0 | 39.7 | 63,500 | 61,000 | 60,100 | 59,100 | 95.0 | 41.7 | 58,800 | 57,000 | 55,900 | 54,600 | 100.0 | 43.4 | 54,400 | 52,600 | 51,100 | 50,400 | |
| 95.0 | 35.4 | 59,000 | 56,800 | 55,000 | 55,200 | 100.0 | 38.0 | 54,900 | 53,200 | 52,500 | 51,700 | 110.0 | 36.4 | 47,700 | 46,200 | 45,600 | 44,500 | |
| 100.0 | 30.6 | 55,100 | 53,300 | 52,700 | 52,200 | | | | | | | | | | | | | |
| Reeves | | 12 | 8 | 5 | 4 | Reeves | | 10 | 7 | 5 | 4 | Reeves | | 10 | 7 | 4 | 3 | |
| 140' Boom | | | | | 150' Boom | | | | | 160' Boom | | | | | | | | |
| | | 360° Rated Load (lbs) | | | | | 360° Rated Load (lbs) | | | | | 360° Rated Load (lbs) | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | |
| 30.1 | 80.0 | 236,300 * | | | | 32.1 | 80.0 | 216,700 * | | | | 33.7 | 80.0 | 204,100 * | | | | |
| 32.0 | 79.3 | 231,100 * | | | | 34.0 | 79.2 | 208,500 * | | | | 34.0 | 79.9 | 203,200 * | | | | |
| 34.0 | 78.5 | 221,600 * | | | | 36.0 | 78.5 | 199,600 * | | | | 36.0 | 79.2 | 194,800 * | | | | |
| 36.0 | 77.6 | 209,600 * | | | | 38.0 | 77.7 | 190,800 * | | | | 38.0 | 78.5 | 186,500 * | | | | |
| 38.0 | 76.8 | 197,600 * | | | | 40.0 | 76.9 | 181,900 * | | | | 40.0 | 77.7 | 178,100 * | | | | |
| 40.0 | 75.9 | 186,400 | | | | 42.0 | 76.1 | 173,200 * | | | | 42.0 | 77.0 | 169,600 * | | | | |
| 42.0 | 75.1 | 177,000 | | | | 44.0 | 75.3 | 164,500 * | | | | 44.0 | 76.2 | 161,100 * | | | | |
| 44.0 | 74.2 | 167,700 | | | | 46.0 | 74.5 | 155,800 | 142,500 * | | | 46.0 | 75.5 | 152,700 | | | | |
| 46.0 | 73.4 | 158,400 | 144,100 | | | 48.0 | 73.7 | 148,100 | 135,500 | | | 48.0 | 74.8 | 145,900 | | | | |
| 48.0 | 72.5 | 150,100 | 136,600 | | | 50.0 | 72.9 | 140,500 | 128,500 | | | 50.0 | 74.0 | 139,100 | 128,300 | | | |
| 50.0 | 71.6 | 141,700 | 129,100 | 103,300 * | | 55.0 | 70.9 | 123,300 | 113,300 | 93,200 * | | 55.0 | 72.1 | 123,100 | 113,100 | 87,100 * | | |
| 55.0 | 69.5 | 123,800 | 113,900 | 101,100 * | | 60.0 | 68.9 | 108,900 | 101,000 | 90,800 * | 70,400 * | 60.0 | 70.2 | 108,700 | 100,800 | 85,400 * | | |
| 60.0 | 67.3 | 109,600 | 101,700 | 97,200 | 76,700 * | 65.0 | 66.8 | 97,500 | 91,000 | 85,900 | 69,200 * | 65.0 | 68.3 | 97,300 | 90,700 | 83,200 * | 64,300 * | |
| 65.0 | 65.0 | 98,100 | 91,500 | 87,700 | 75,500 * | 70.0 | 64.7 | 88,300 | 82,500 | 79,300 | 68,100 * | 70.0 | 66.4 | 88,000 | 82,300 | 77,700 | 63,400 * | |
| 70.0 | 62.7 | 88,800 | 83,100 | 80,000 | 74,100 * | 75.0 | 62.5 | 80,300 | 75,200 | 72,500 | 66,800 * | 75.0 | 64.4 | 80,000 | 75,000 | 71,100 | 62,300 * | |
| 75.0 | 60.4 | 80,800 | 75,900 | 73,100 | 70,800 | 80.0 | 60.4 | 73,400 | 69,000 | 66,700 | 64,000 * | 80.0 | 62.4 | 73,000 | 68,800 | 65,500 | 61,200 * | |
| 80.0 | 58.0 | 73,900 | 69,700 | 67,400 | 65,300 | 85.0 | 58.1 | 67,300 | 63,700 | 61,700 | 59,800 | 85.0 | 60.3 | 67,100 | 63,500 | 60,700 | 58,400 * | |
| 85.0 | 55.5 | 68,000 | 64,200 | 62,100 | 60,400 | 90.0 | 55.8 | 62,200 | 58,900 | 57,000 | 55,500 | 90.0 | 58.2 | 62,000 | 58,700 | 56,800 | 54,400 | |
| 90.0 | 53.0 | 62,900 | 59,500 | 57,700 | 56,400 | 95.0 | 53.5 | 57,700 | 54,700 | 53,100 | 51,700 | 95.0 | 56.1 | 57,500 | 54,400 | 52,900 | 51,100 | |
| 95.0 | 50.3 | 58,400 | 55,700 | 54,400 | 53,000 | 100.0 | 51.0 | 53,700 | 51,000 | 49,600 | 48,300 | 100.0 | 53.9 | 53,500 | 50,700 | 49,300 | 48,100 | |
| 100.0 | 47.6 | 54,300 | 52,300 | 50,900 | 49,600 | 110.0 | 45.9 | 46,800 | 45,000 | 44,100 | 43,100 | 110.0 | 49.3 | 46,600 | 44,500 | 43,400 | 42,300 | |
| 110.0 | 41.7 | 47,500 | 46,000 | 44,800 | 44,300 | 120.0 | 40.2 | 41,300 | 40,000 | 39,000 | 38,200 | 120.0 | 44.3 | 41,100 | 39,500 | 38,700 | 37,900 | |
| 120.0 | 35.0 | 42,000 | 40,600 | 40,000 | 39,200 | 130.0 | 33.8 | 36,600 | 35,500 | 35,000 | 34,300 | 130.0 | 38.9 | 36,400 | 35,300 | 34,500 | 33,800 | |
| | | | | | | | | | | | | 140.0 | 32.6 | 32,700 | 31,700 | 31,200 | 30,600 | |
| Reeves | | 8 | 5 | 4 | 3 | Reeves | | 8 | 5 | 4 | 3 | Reeves | | 7 | 5 | 3 | 3 | |

Refer to notes on page 41.

CK2750G-3 CRANE - LIFTING CHART

Barge

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 170' Boom | | | | | 180' Boom | | | | | 190' Boom | | | | | | | |
|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 360° Rated Load (lbs) | | | | | 360° Rated Load (lbs) | | | | | 360° Rated Load (lbs) | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List |
| 35.4 | 80.0 | 186,700 * | | | | 37.4 | 80.0 | 179,400 * | | | | 39.0 | 80.0 | 167,700 * | | | |
| 36.0 | 79.8 | 185,000 * | | | | 38.0 | 79.8 | 177,100 * | | | | 40.0 | 79.7 | 164,200 * | | | |
| 38.0 | 79.1 | 179,200 * | | | | 40.0 | 79.1 | 169,500 * | | | | 42.0 | 79.1 | 157,300 * | | | |
| 40.0 | 78.5 | 172,800 * | | | | 42.0 | 78.5 | 161,700 * | | | | 44.0 | 78.5 | 150,400 * | | | |
| 42.0 | 77.8 | 165,100 * | | | | 44.0 | 77.8 | 154,000 * | | | | 46.0 | 77.8 | 143,500 * | | | |
| 44.0 | 77.1 | 157,300 * | | | | 46.0 | 77.2 | 146,300 | | | | 48.0 | 77.2 | 137,600 * | | | |
| 46.0 | 76.4 | 149,600 | | | | 48.0 | 76.5 | 140,300 | | | | 50.0 | 76.6 | 131,700 * | | | |
| 48.0 | 75.7 | 143,400 | | | | 50.0 | 75.8 | 134,300 | | | | 55.0 | 75.0 | 118,500 | | | |
| 50.0 | 75.0 | 137,200 | | | | 55.0 | 74.2 | 120,400 | 109,100 * | | | 60.0 | 73.5 | 107,000 | 97,500 | | |
| 55.0 | 73.2 | 122,200 | 112,900 | | | 60.0 | 72.5 | 108,000 | 97,900 | 73,700 * | | 65.0 | 71.9 | 96,100 | 87,800 | 67,100 * | |
| 60.0 | 71.5 | 108,500 | 100,600 | 79,200 * | | 65.0 | 70.8 | 96,600 | 88,000 | 72,300 * | | 70.0 | 70.3 | 86,900 | 79,600 | 65,900 * | |
| 65.0 | 69.7 | 97,000 | 90,400 | 77,700 * | | 70.0 | 69.1 | 87,200 | 79,800 | 70,900 * | | 75.0 | 68.7 | 78,900 | 72,500 | 64,700 * | 48,900 * |
| 70.0 | 67.8 | 87,700 | 81,800 | 75,600 * | 58,200 * | 75.0 | 67.4 | 79,200 | 73,800 | 69,200 * | 53,000 * | 80.0 | 67.0 | 71,800 | 66,400 | 62,400 * | 48,000 * |
| 75.0 | 66.0 | 79,600 | 74,700 | 70,800 | 57,200 * | 80.0 | 65.7 | 72,300 | 68,000 | 64,600 | 52,300 * | 85.0 | 65.4 | 65,800 | 61,100 | 58,400 | 47,300 * |
| 80.0 | 64.1 | 72,700 | 68,500 | 65,100 | 56,300 * | 85.0 | 63.9 | 66,200 | 62,600 | 59,700 | 51,500 * | 90.0 | 63.7 | 60,800 | 56,600 | 54,100 | 46,500 * |
| 85.0 | 62.2 | 66,700 | 63,000 | 60,100 | 55,600 * | 90.0 | 62.1 | 61,100 | 57,800 | 55,200 | 50,600 * | 95.0 | 62.0 | 56,300 | 52,600 | 50,500 | 45,900 * |
| 90.0 | 60.3 | 61,600 | 58,200 | 55,600 | 53,600 * | 95.0 | 60.3 | 56,600 | 53,600 | 51,300 | 48,800 * | 100.0 | 60.3 | 52,100 | 49,300 | 47,400 | 45,100 * |
| 95.0 | 58.3 | 57,100 | 54,000 | 51,700 | 50,300 | 100.0 | 58.4 | 52,600 | 49,900 | 47,800 | 45,800 | 110.0 | 56.7 | 45,300 | 43,200 | 41,500 | 39,900 |
| 100.0 | 56.3 | 53,000 | 50,300 | 48,400 | 47,000 | 110.0 | 54.6 | 45,700 | 43,400 | 41,700 | 40,700 | 120.0 | 53.0 | 39,800 | 38,000 | 36,500 | 35,500 |
| 110.0 | 52.1 | 46,100 | 44,100 | 42,900 | 41,600 | 120.0 | 50.6 | 40,100 | 38,300 | 37,400 | 36,100 | 130.0 | 49.1 | 35,100 | 33,600 | 32,500 | 31,600 |
| 120.0 | 47.7 | 40,700 | 38,800 | 37,900 | 37,000 | 130.0 | 46.3 | 35,500 | 34,000 | 33,200 | 32,400 | 140.0 | 45.0 | 31,200 | 29,800 | 29,100 | 28,300 |
| 130.0 | 42.9 | 36,000 | 34,500 | 33,700 | 33,000 | 140.0 | 41.6 | 31,600 | 30,200 | 29,500 | 29,000 | 150.0 | 40.5 | 27,800 | 26,600 | 26,000 | 25,400 |
| 140.0 | 37.6 | 32,100 | 31,100 | 30,500 | 29,800 | 150.0 | 36.6 | 28,300 | 27,400 | 26,900 | 26,400 | 160.0 | 35.5 | 24,900 | 24,000 | 23,500 | 23,100 |
| 150.0 | 31.7 | 28,900 | 28,000 | 27,400 | 27,100 | 160.0 | 30.7 | 25,400 | 24,800 | 24,200 | 24,000 | | | | | | |
| Reeves | | 7 | 4 | 3 | 2 | Reeves | | 7 | 4 | 3 | 2 | Reeves | | 6 | 4 | 3 | 2 |
| 200' Boom | | | | | 210' Boom | | | | | 220' Boom | | | | | | | |
| 360° Rated Load (lbs) | | | | | 360° Rated Load (lbs) | | | | | 360° Rated Load (lbs) | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List |
| 40.6 | 80.0 | 151,600 * | | | | 42.3 | 80.0 | 148,800 * | | | | 44.2 | 80.0 | 140,600 * | | | |
| 42.0 | 79.6 | 148,600 * | | | | 44.0 | 79.6 | 143,600 * | | | | 46.0 | 79.5 | 134,900 * | | | |
| 44.0 | 79.0 | 144,000 * | | | | 46.0 | 79.0 | 137,500 * | | | | 48.0 | 79.0 | 129,500 * | | | |
| 46.0 | 78.5 | 139,300 * | | | | 48.0 | 78.5 | 132,000 * | | | | 50.0 | 78.5 | 124,000 * | | | |
| 48.0 | 77.9 | 134,000 * | | | | 50.0 | 77.9 | 126,400 * | | | | 55.0 | 77.1 | 111,800 | | | |
| 50.0 | 77.3 | 128,700 * | | | | 55.0 | 76.5 | 113,900 | | | | 60.0 | 75.8 | 101,400 | | | |
| 55.0 | 75.8 | 116,400 | | | | 60.0 | 75.1 | 103,200 | | | | 65.0 | 74.4 | 92,500 | 83,400 * | | |
| 60.0 | 74.3 | 105,300 | 96,200 * | | | 65.0 | 73.7 | 94,100 | 86,400 * | | | 70.0 | 73.1 | 85,100 | 78,100 * | | |
| 65.0 | 72.8 | 95,700 | 87,400 | | | 70.0 | 72.2 | 85,800 | 78,700 | 57,300 * | | 75.0 | 71.7 | 77,900 | 71,400 | 52,400 * | |
| 70.0 | 71.3 | 86,600 | 79,100 | 61,900 * | | 75.0 | 70.8 | 78,000 | 71,600 | 56,300 * | | 80.0 | 70.3 | 71,000 | 65,500 | 51,400 * | |
| 75.0 | 69.8 | 78,500 | 72,300 | 60,800 * | 45,500 * | 80.0 | 69.3 | 71,000 | 65,700 | 55,400 * | 41,300 * | 85.0 | 68.9 | 64,900 | 60,100 | 50,600 * | 37,600 * |
| 80.0 | 68.3 | 71,600 | 66,200 | 59,700 * | 44,900 * | 85.0 | 67.9 | 65,100 | 60,300 | 54,500 * | 40,600 * | 90.0 | 67.5 | 59,800 | 55,500 | 49,300 * | 37,100 * |
| 85.0 | 66.7 | 65,600 | 60,900 | 57,500 * | 44,300 * | 90.0 | 66.4 | 60,000 | 55,700 | 52,700 * | 39,900 * | 95.0 | 66.1 | 55,200 | 51,400 | 47,600 * | 36,400 * |
| 90.0 | 65.1 | 60,500 | 56,200 | 53,700 | 43,400 * | 95.0 | 64.9 | 55,400 | 51,700 | 49,400 | 39,300 * | 100.0 | 64.7 | 51,000 | 47,700 | 45,100 | 35,800 * |
| 95.0 | 63.5 | 56,000 | 52,100 | 49,900 | 42,700 * | 100.0 | 63.4 | 51,300 | 47,900 | 45,900 | 38,800 * | 110.0 | 61.7 | 44,100 | 41,400 | 39,700 | 34,600 * |
| 100.0 | 61.9 | 51,900 | 48,500 | 46,500 | 42,100 * | 110.0 | 60.3 | 44,400 | 41,600 | 39,900 | 37,600 * | 120.0 | 58.7 | 38,500 | 36,100 | 34,800 | 32,800 * |
| 110.0 | 58.6 | 45,000 | 42,200 | 40,700 | 39,400 * | 120.0 | 57.0 | 38,900 | 36,500 | 35,200 | 33,900 | 130.0 | 55.6 | 34,000 | 31,900 | 30,800 | 29,700 |
| 120.0 | 55.2 | 39,400 | 37,500 | 36,100 | 34,800 | 130.0 | 53.7 | 34,200 | 32,100 | 31,100 | 30,200 | 140.0 | 52.4 | 30,000 | 28,300 | 27,300 | 26,400 |
| 130.0 | 51.6 | 34,700 | 33,200 | 32,000 | 30,900 | 140.0 | 50.2 | 30,200 | 28,900 | 27,900 | 26,900 | 150.0 | 49.0 | 26,700 | 25,400 | 24,600 | 23,800 |
| 140.0 | 47.8 | 30,900 | 29,500 | 28,500 | 27,900 | 150.0 | 46.6 | 26,900 | 25,700 | 24,800 | 24,200 | 160.0 | 45.4 | 23,700 | 22,700 | 22,000 | 21,200 |
| 150.0 | 43.8 | 27,600 | 26,400 | 25,700 | 25,000 | 160.0 | 42.6 | 24,000 | 23,000 | 22,300 | 21,800 | 170.0 | 41.6 | 21,300 | 20,200 | 19,600 | 19,100 |
| 160.0 | 39.4 | 24,600 | 23,600 | 23,100 | 22,700 | 170.0 | 38.4 | 21,500 | 20,700 | 20,200 | 19,800 | 180.0 | 37.5 | 19,000 | 18,200 | 17,800 | 17,300 |
| 170.0 | 34.6 | 22,100 | 21,400 | 21,100 | 20,700 | 180.0 | 33.7 | 19,300 | 18,500 | 18,000 | 17,700 | 190.0 | 32.9 | 17,000 | 16,200 | 15,800 | 15,500 |
| Reeves | | 6 | 4 | 3 | 2 | Reeves | | 5 | 3 | 2 | 2 | Reeves | | 5 | 3 | 2 | 2 |

Refer to notes on page 41.

CK2750G-3 CRANE - LIFTING CHART

Barge

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 230' Boom | | | | | | 240' Boom | | | | | | 250' Boom | | | | | |
|------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | 360° Rated Load (lbs) | | | | | | 360° Rated Load (lbs) | | | | | | 360° Rated Load (lbs) | | | |
| Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List |
| 45.9 | 80.0 | 130,900 * | | | | 47.5 | 80.0 | 120,100 * | | | | 49.5 | 80.0 | 108,200 * | | | |
| 46.0 | 79.9 | 130,700 * | | | | 48.0 | 79.9 | 119,400 * | | | | 50.0 | 79.9 | 108,000 * | | | |
| 48.0 | 79.5 | 125,200 * | | | | 50.0 | 79.4 | 116,400 * | | | | 55.0 | 78.7 | 103,100 * | | | |
| 50.0 | 79.0 | 119,700 * | | | | 55.0 | 78.2 | 107,400 | | | | 60.0 | 77.5 | 95,800 | | | |
| 55.0 | 77.7 | 108,100 | | | | 60.0 | 77.0 | 97,300 | | | | 65.0 | 76.3 | 87,400 | | | |
| 60.0 | 76.4 | 98,900 | | | | 65.0 | 75.8 | 88,900 | 73,100 * | | | 70.0 | 75.2 | 80,300 | 65,200 * | | |
| 65.0 | 75.1 | 90,500 | | | | 70.0 | 74.5 | 81,700 | 70,500 * | | | 75.0 | 74.0 | 74,000 | 62,800 * | | |
| 70.0 | 73.8 | 83,400 | 75,200 * | | | 75.0 | 73.3 | 75,300 | 67,900 * | | | 80.0 | 72.8 | 68,300 | 60,100 * | | |
| 75.0 | 72.5 | 76,700 | 70,600 * | | | 80.0 | 72.0 | 69,500 | 63,400 | 44,800 * | | 85.0 | 71.6 | 63,300 | 57,700 * | 40,300 * | |
| 80.0 | 71.2 | 70,300 | 64,900 | 47,900 * | | 85.0 | 70.8 | 64,000 | 58,200 | 43,800 * | 31,700 * | 90.0 | 70.3 | 58,600 | 53,500 | 39,000 * | |
| 85.0 | 69.9 | 64,200 | 59,600 | 46,900 * | | 90.0 | 69.5 | 58,900 | 53,700 | 42,700 * | 31,100 * | 95.0 | 69.1 | 54,100 | 49,300 | 37,700 * | 28,200 * |
| 90.0 | 68.6 | 59,100 | 54,900 | 45,700 * | 33,900 * | 95.0 | 68.2 | 54,300 | 50,300 | 41,500 * | 30,600 * | 100.0 | 67.9 | 49,900 | 45,800 | 36,500 * | 27,700 * |
| 95.0 | 67.2 | 54,600 | 50,800 | 44,400 * | 33,300 * | 100.0 | 66.9 | 50,200 | 46,700 | 40,200 * | 30,100 * | 110.0 | 65.4 | 43,000 | 39,600 | 33,900 * | 26,400 * |
| 100.0 | 65.8 | 50,600 | 47,200 | 42,900 * | 32,800 * | 110.0 | 64.3 | 43,300 | 40,400 | 37,500 * | 28,500 * | 120.0 | 62.8 | 37,400 | 35,000 | 31,700 * | 24,700 * |
| 110.0 | 63.1 | 43,700 | 40,900 | 38,700 | 31,700 * | 120.0 | 61.6 | 37,600 | 35,300 | 33,500 | 26,700 * | 130.0 | 60.2 | 32,700 | 30,800 | 29,000 * | 23,000 * |
| 120.0 | 60.2 | 38,000 | 35,700 | 33,900 | 29,800 * | 130.0 | 58.8 | 32,900 | 31,000 | 29,400 | 24,900 * | 140.0 | 57.5 | 28,700 | 27,000 | 25,700 | 21,300 * |
| 130.0 | 57.3 | 33,300 | 31,300 | 30,100 | 28,000 * | 140.0 | 56.0 | 29,000 | 27,400 | 26,200 | 23,100 * | 150.0 | 54.8 | 25,400 | 23,800 | 22,700 | 19,600 * |
| 140.0 | 54.3 | 29,300 | 27,600 | 26,700 | 25,700 | 150.0 | 53.0 | 25,600 | 24,100 | 23,200 | 21,100 | 160.0 | 51.9 | 22,400 | 21,200 | 20,400 | 18,100 * |
| 150.0 | 51.1 | 26,000 | 24,500 | 23,700 | 22,900 | 160.0 | 50.0 | 22,900 | 21,400 | 20,700 | 18,700 | 170.0 | 48.9 | 19,700 | 18,500 | 17,800 | 16,500 * |
| 160.0 | 47.8 | 23,100 | 21,800 | 21,100 | 20,500 | 170.0 | 46.8 | 20,200 | 19,000 | 18,200 | 16,700 | 180.0 | 45.8 | 17,400 | 16,300 | 15,600 | 14,900 |
| 170.0 | 44.4 | 20,600 | 19,600 | 18,900 | 18,200 | 180.0 | 43.4 | 17,800 | 16,900 | 16,300 | 14,700 | 190.0 | 42.5 | 15,200 | 14,400 | 13,800 | 13,200 |
| 180.0 | 40.6 | 18,200 | 17,400 | 16,700 | 16,300 | 190.0 | 39.8 | 15,700 | 14,900 | 14,300 | 13,100 | 200.0 | 38.9 | 13,300 | 12,600 | 12,100 | 11,700 |
| 190.0 | 36.6 | 16,100 | 15,300 | 14,900 | 14,500 | 200.0 | 35.8 | 13,800 | 13,100 | 12,700 | 11,600 | 210.0 | 35.1 | 11,600 | 10,900 | 10,400 | 10,100 |
| 200.0 | 32.2 | 14,200 | 13,500 | 13,200 | 12,900 | 210.0 | 31.5 | 12,100 | 11,500 | 11,200 | 10,400 | 220.0 | 30.8 | 10,100 | 9,500 | 9,200 | 8,900 |
| Reeves | | 5 | 3 | 2 | 2 | Reeves | | 5 | 3 | 2 | 2 | Reeves | | 4 | 3 | 2 | 2 |
| 260' Boom | | | | | | 270' Boom | | | | | | 280' Boom | | | | | |
| | | 360° Rated Load (lbs) | | | | | | 360° Rated Load (lbs) | | | | | | 360° Rated Load (lbs) | | | |
| Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List | Load Radius (ft) | Boom Angle (deg.) | 0 Degree Machine List | 1 Degree Machine List | 2 Degree Machine List | 3 Degree Machine List |
| 51.1 | 80.0 | 98,500 * | | | | 52.8 | 80.0 | 90,100 * | | | | 54.4 | 80.0 | 82,400 * | | | |
| 55.0 | 79.1 | 97,000 * | | | | 55.0 | 79.5 | 89,200 * | | | | 55.0 | 79.9 | 82,200 * | | | |
| 60.0 | 78.0 | 93,700 | | | | 60.0 | 78.5 | 86,800 * | | | | 60.0 | 78.9 | 80,300 * | | | |
| 65.0 | 76.9 | 85,600 | | | | 65.0 | 77.4 | 83,300 * | | | | 65.0 | 77.8 | 78,200 * | | | |
| 70.0 | 75.7 | 78,700 | 61,000 * | | | 70.0 | 76.3 | 77,000 | | | | 70.0 | 76.8 | 74,300 * | | | |
| 75.0 | 74.6 | 72,500 | 58,600 * | | | 75.0 | 75.2 | 70,800 | 54,600 * | | | 75.0 | 75.7 | 69,400 | 51,300 * | | |
| 80.0 | 73.5 | 66,800 | 56,400 * | | | 80.0 | 74.1 | 65,300 | 52,400 * | | | 80.0 | 74.7 | 64,000 | 49,100 * | | |
| 85.0 | 72.3 | 62,000 | 54,000 * | | | 85.0 | 73.0 | 60,400 | 50,200 * | 34,300 * | | 85.0 | 73.6 | 59,300 | 47,100 * | | |
| 90.0 | 71.1 | 57,600 | 51,800 * | 36,300 * | | 90.0 | 71.9 | 56,200 | 48,000 * | 33,000 * | | 90.0 | 72.5 | 55,100 | 44,900 * | 30,800 * | |
| 95.0 | 70.0 | 53,400 | 48,900 | 35,000 * | | 95.0 | 70.7 | 52,300 | 45,800 * | 31,900 * | | 95.0 | 71.4 | 51,200 | 42,900 * | 29,700 * | |
| 100.0 | 68.8 | 49,500 | 45,400 | 33,700 * | 25,500 * | 100.0 | 69.6 | 48,700 | 43,800 * | 30,800 * | | 100.0 | 70.4 | 47,700 | 41,000 * | 28,400 * | |
| 110.0 | 66.4 | 42,600 | 39,200 | 31,300 * | 24,100 * | 110.0 | 67.3 | 41,900 | 38,500 | 28,400 * | 21,500 * | 110.0 | 68.2 | 41,500 | 37,200 * | 26,200 * | 19,700 * |
| 120.0 | 64.0 | 36,900 | 34,100 | 28,900 * | 22,300 * | 120.0 | 65.0 | 36,300 | 33,500 | 26,200 * | 19,900 * | 120.0 | 65.9 | 36,000 | 33,000 | 24,000 * | 18,200 * |
| 130.0 | 61.5 | 32,200 | 29,700 | 26,400 * | 20,700 * | 130.0 | 62.6 | 31,600 | 29,300 | 23,800 * | 18,400 * | 130.0 | 63.7 | 31,200 | 28,800 | 22,000 * | 16,400 * |
| 140.0 | 58.9 | 28,200 | 26,500 | 24,400 * | 19,200 * | 140.0 | 60.2 | 27,600 | 25,500 | 21,600 * | 16,600 * | 140.0 | 61.4 | 27,400 | 25,300 | 19,800 * | 15,100 * |
| 150.0 | 56.3 | 24,900 | 23,400 | 22,100 * | 17,500 * | 150.0 | 57.7 | 24,300 | 22,400 | 19,700 * | 15,200 * | 150.0 | 59.0 | 23,800 | 22,000 | 17,800 * | 13,500 * |
| 160.0 | 53.6 | 22,000 | 20,500 | 19,400 | 15,900 * | 160.0 | 55.2 | 21,200 | 19,800 | 17,700 * | 13,600 * | 160.0 | 56.6 | 20,800 | 19,100 | 15,800 * | 12,000 * |
| 170.0 | 50.8 | 19,300 | 18,000 | 17,100 | 14,400 * | 170.0 | 52.5 | 18,400 | 17,200 | 15,700 * | 12,100 * | 170.0 | 54.1 | 18,000 | 16,500 | 14,000 * | 10,600 * |
| 180.0 | 47.9 | 16,700 | 15,600 | 14,900 | 13,000 * | 180.0 | 49.8 | 16,000 | 14,900 | 14,000 * | 10,800 * | 180.0 | 51.5 | 15,600 | 14,500 | 12,200 * | 9,200 * |
| 190.0 | 44.8 | 14,600 | 13,600 | 13,000 | 11,400 * | 190.0 | 46.9 | 13,900 | 12,700 | 12,200 | 9,300 * | 190.0 | 48.8 | 13,500 | 12,500 | 10,700 * | 8,000 * |
| 200.0 | 41.6 | 12,600 | 11,800 | 11,300 | 10,200 * | 200.0 | 43.9 | 11,900 | 10,900 | 10,400 | 8,100 * | 200.0 | 46.0 | 11,400 | 10,500 | 9,000 * | 6,700 * |
| 210.0 | 38.1 | 11,000 | 10,200 | 9,700 | 8,900 * | 210.0 | 40.8 | 10,100 | 9,300 | 8,900 | 6,700 * | 210.0 | 43.1 | 9,600 | 8,900 | 7,500 * | 5,500 * |
| 220.0 | 34.3 | 9,400 | 8,800 | 8,400 | 7,500 * | 220.0 | 37.4 | 8,600 | 7,900 | 7,500 | 5,600 * | 220.0 | 40.0 | 8,200 | 7,400 | 6,100 * | |
| 230.0 | 30.2 | 8,000 | 7,500 | 7,200 | 6,300 * | 230.0 | 33.7 | 7,200 | 6,600 | 6,200 * | | 230.0 | 36.7 | 6,700 | 6,100 | | |
| | | | | | | | | | | | | 240.0 | 33.1 | 5,500 | | | |
| Reeves | | 4 | 3 | 2 | 2 | Reeves | | 4 | 2 | 2 | 2 | Reeves | | 4 | 2 | 2 | 2 |

Refer to notes on page 41.

General Description

| | |
|--|---|
| <i>Luffing boom with luffing jib maximum lift capacity</i> | 275,500 lbs (125,000 kg) @ 28' operating radius |
| <i>Luffing jib maximum lift capacity</i> | 176,300 lbs (80,000 kg) @ 32' operating radius |
| <i>Maximum luffing boom length</i> | 200' (61.0 m) |
| <i>Maximum luffing jib length</i> | 200' (61.0 m) |
| <i>Working weight</i> | Approx. 508,175 lbs (230,500 kg) |
| <i>Ground bearing pressure</i> | Approx. 15.6 psi (107.6 kPa) |

Calculations to determine working weight, ground bearing pressure, and gradeability include the weight of the upper and lower works of the crane, counterweights, and carbody weights, 70' boom + 70' jib, and hook block.

Luffing Attachments

Luffing boom :

The welded lattice construction uses tubular, high-tension steel chords with pin connections between sections.

| | |
|--|--|
| <i>Maximum boom length</i> | 200' (61.0 m) |
| <i>Basic boom length</i> | 70' (21.3 m) |
| <i>Boom base section</i> | 25' (7.6 m) |
| <i>Boom insert section</i> | 10' (3.0 m), 20' (6.1 m), 40' (12.2 m) |
| <i>Tapered Boom Insert</i> | 11' 10" (3.6 m) |
| <i>Boom tip section (with pin connected boom point sheave)</i> | 3' 3" (1.0 m) |

Luffing boom insert (optional) :

Optional boom inserts are available to provide extension capabilities. They are robotic welded, laser aligned, lattice constructed with tubular, high-tension steel chords and pin connections. Each insert features boom pin holders, pendant line transport holders, catwalks, and lift lugs for rigging straps.

| | |
|--------------------|--|
| <i>Boom insert</i> | 10' (3.0 m), 20' (6.1 m), 40' (12.2 m) |
|--------------------|--|

Luffing jib (optional) :

Luffing jib inserts are available to provide extension capabilities. The optional luffing jib employs welded lattice construction with tubular, high-tension steel chords with pin connections between sections.

| | |
|-----------------------------------|--|
| <i>Maximum luffing jib length</i> | 200' (61.0 m) |
| <i>Basic luffing jib length</i> | 70' (21.3 m) |
| <i>Jib base section</i> | 30' (9.1 m) |
| <i>Luffing jib insert</i> | 10' (3.0 m), 20' (6.1 m), 40' (12.2 m) |
| <i>Jib tip section</i> | 30' (9.1 m) |
| <i>No. of point sheaves</i> | 2 |

Working Speed

| | |
|---|---|
| <i>Hoist line speed (front and rear drums)</i> | 360 to 10 ft/min (110 to 3 m/min) |
| <i>Lowering line speed (front and rear drums)</i> | 360 to 10 ft/min (110 to 3 m/min) |
| <i>Boom hoist line speed</i> | 72 to 6.6 ft/min x 2 (22 to 2 m/min x 2) 2 minutes: 250' (76.2 m) boom raise 0 to 80 degrees |
| <i>Boom lowering line speed</i> | 72 to 6.6 ft/min x 2 (22 to 2 m/min x 2) |
| <i>Swing speed (max.)</i> | 2.2 rpm (2.2 min ⁻¹) |
| <i>Travel speed (high/low)</i> | 0.69/0.44 mph (1.0/0.5 km/h) |

Line speed based on single line, no load, and first layer of rope on the drum.

Auxiliary sheave :

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

Diameter of wire rope :

| | |
|--|-------|
| <i>Hoist rope</i> | 26 mm |
| <i>Luffing jib rope (10 parts)</i> | 22 mm |
| <i>Boom hoist rope (16 parts)</i> | 26 mm |
| <i>Boom suspension rope</i> | 38 mm |
| <i>Luffing jib suspension rope</i> | 38 mm |
| <i>Strut suspension rope</i> | 38 mm |
| <i>Luffing jib center hitch suspension</i> | 26 mm |
| <i>(luffing jib length of 170' (51.8 m) or longer)</i> | |

Luffing boom hoist reeving :

Sixteen (16) parts of 26 mm dia. high strength wire rope.

Luffing jib hoist reeving :

Ten (10) parts of 22 mm dia. high strength wire rope.

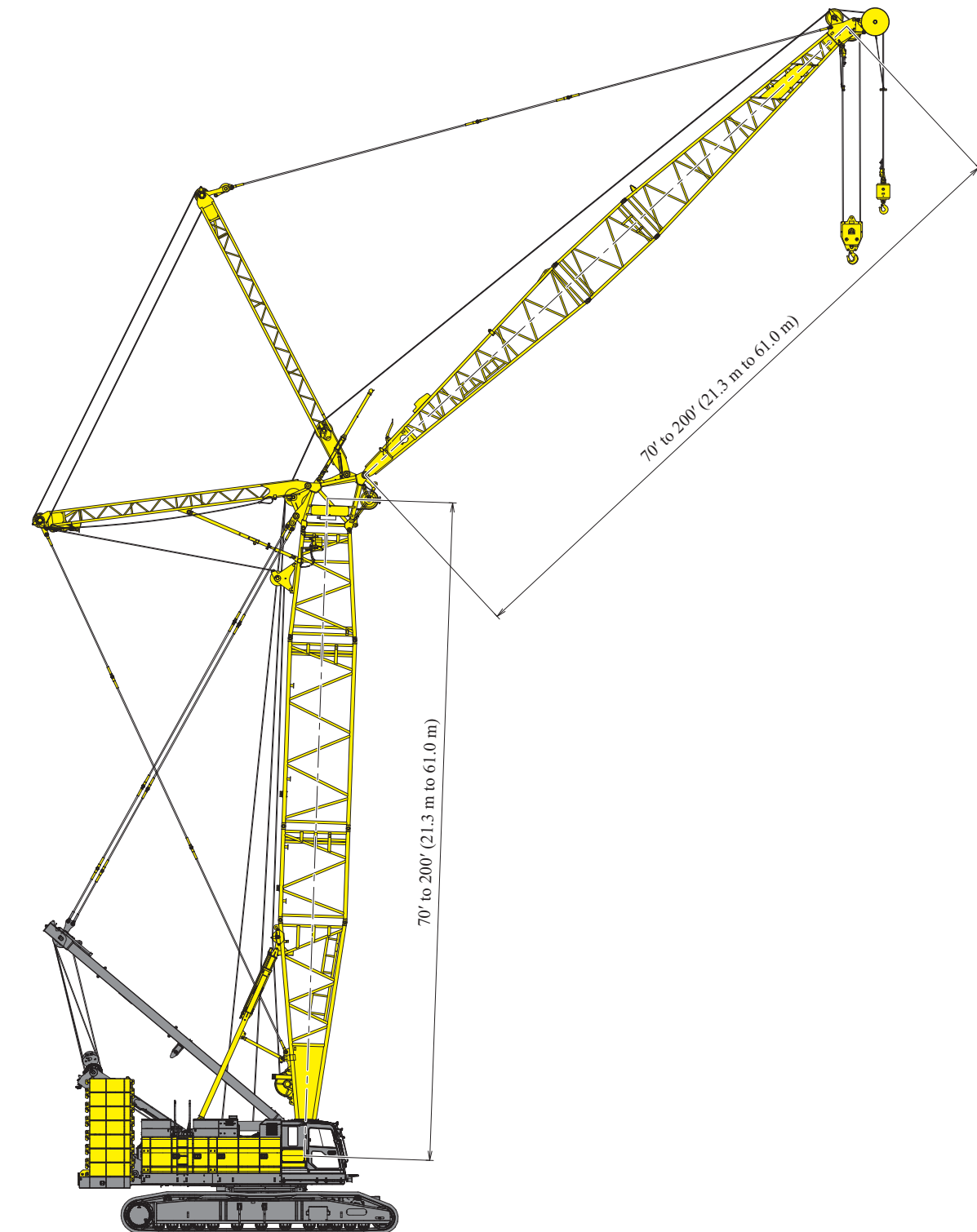
Luffing jib hoist drum :

| | |
|-------------------|--|
| <i>Hoist drum</i> | (Third drum on straight crane) Powered by hydraulic motor through planetary reducer. |
| <i>Drum</i> | Single drum grooved for 22 mm dia. wire rope. |
| <i>Brake</i> | A spring set, hydraulically released multiple-disc brake is internally configured in the hoist motor and is operated through a counterbalance valve. External ratchet for locking drum. |

CK2750G-3 LUFFING BOOM/JIB - GENERAL DIMENSIONS

Luffing Jib

Unit : ft (m)



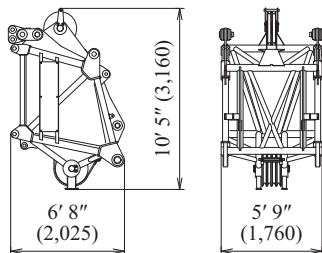
CK2750G-3

LUFFING BOOM/JIB - DIMENSIONS & WEIGHT

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

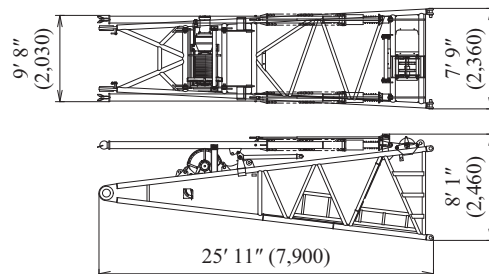
Luffing Boom Tip

Weight: 4,595 lbs (2,085 kg)



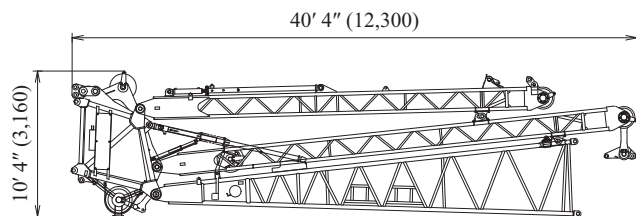
Luffing Boom Base (with winch)

Weight: 15,015 lbs (6,810 kg)



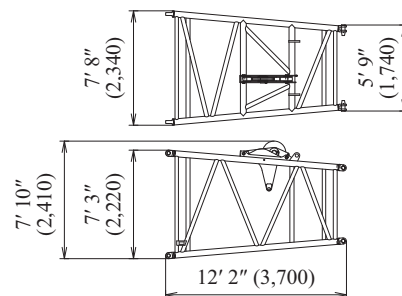
Luffing Boom Tip Assembly

Weight: 14,840 lbs (6,730 kg)



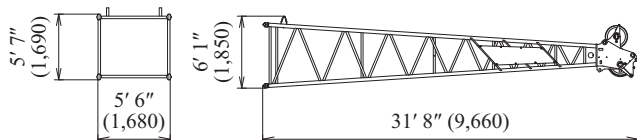
Luffing Taper Boom Insert

Weight: 2,625 lbs (1,190 kg)



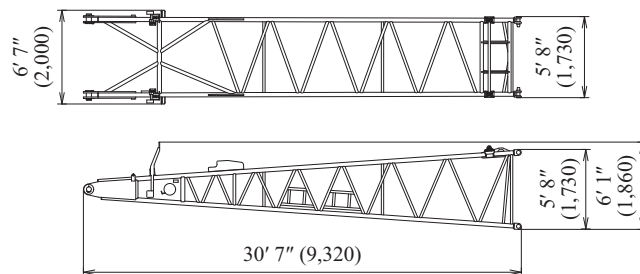
Luffing Jib Tip

Weight: 3,085 lbs (1,400 kg)



Luffing Jib Base

Weight: 3,240 lbs (1,470 kg)



CK2750G-3

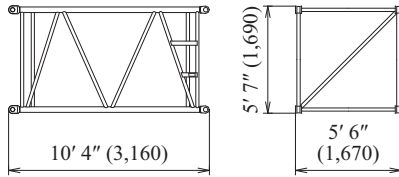
LUFFING BOOM/JIB - DIMENSIONS & WEIGHT

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

10 ft (3.0 m) Luffing Jib Insert

Weight: 920 lbs (420 kg)

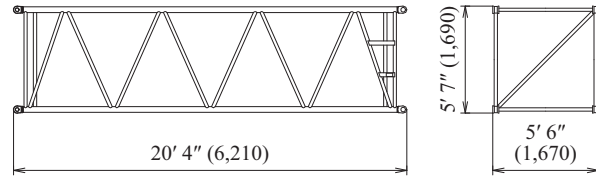
Includes cable roller and guy lines



20 ft (6.1 m) Luffing Jib Insert

Weight: 1,475 lbs (670 kg)

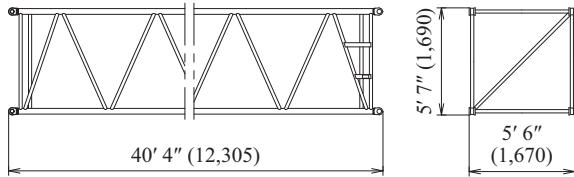
Includes cable roller and guy lines



40 ft (12.2 m) Luffing Jib Insert

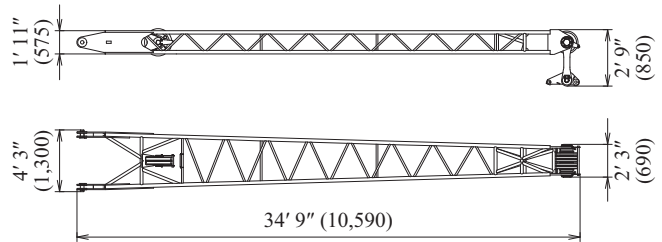
Weight: 2,590 lbs (1,175 kg)

Includes cable roller and guy lines



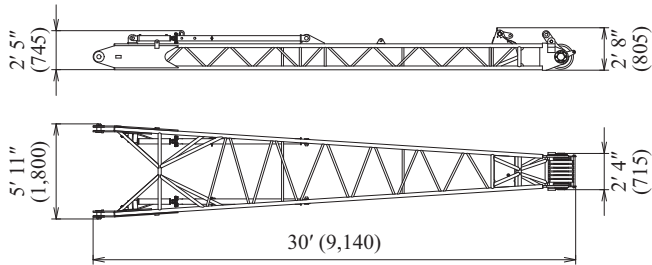
Front Strut (luffing jib)

Weight: 3,110 lbs (1,410 kg)



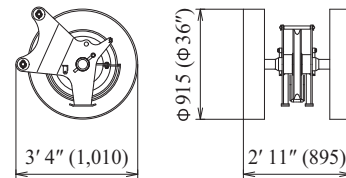
Rear Strut (luffing jib)

Weight: 3,330 lbs (1,510 kg)



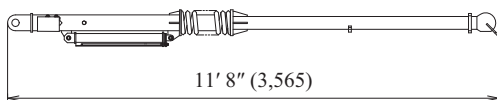
Auxiliary Sheave (luffing jib)

Weight: 840 lbs (380 kg)



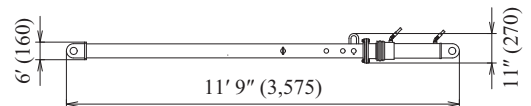
Luffing Jib Backstop (L/R)

Weight: 290 lbs (130 kg)

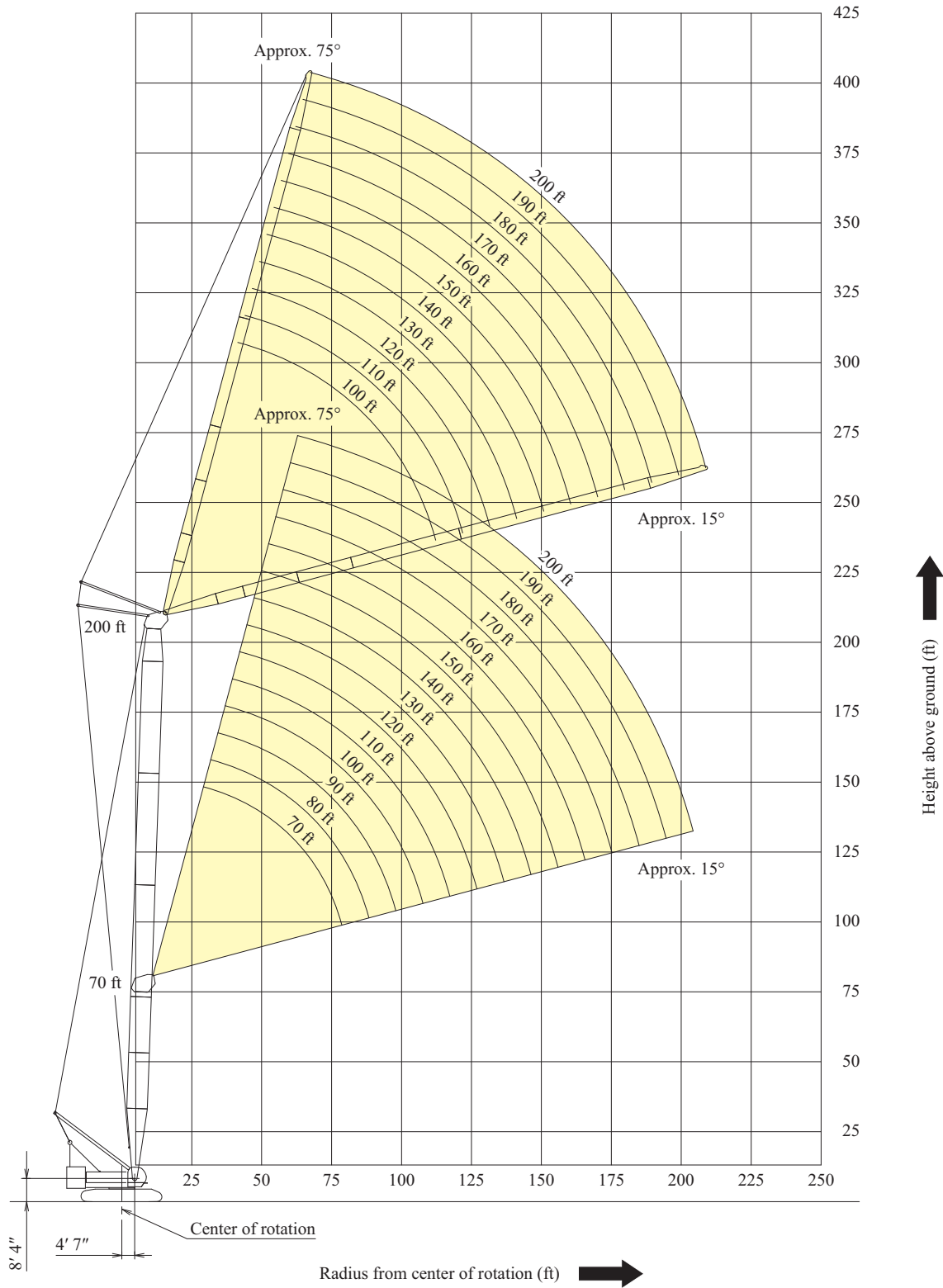


Luffing Jib Strut Backstop (L/R)

Weight: 144 lbs (65 kg)

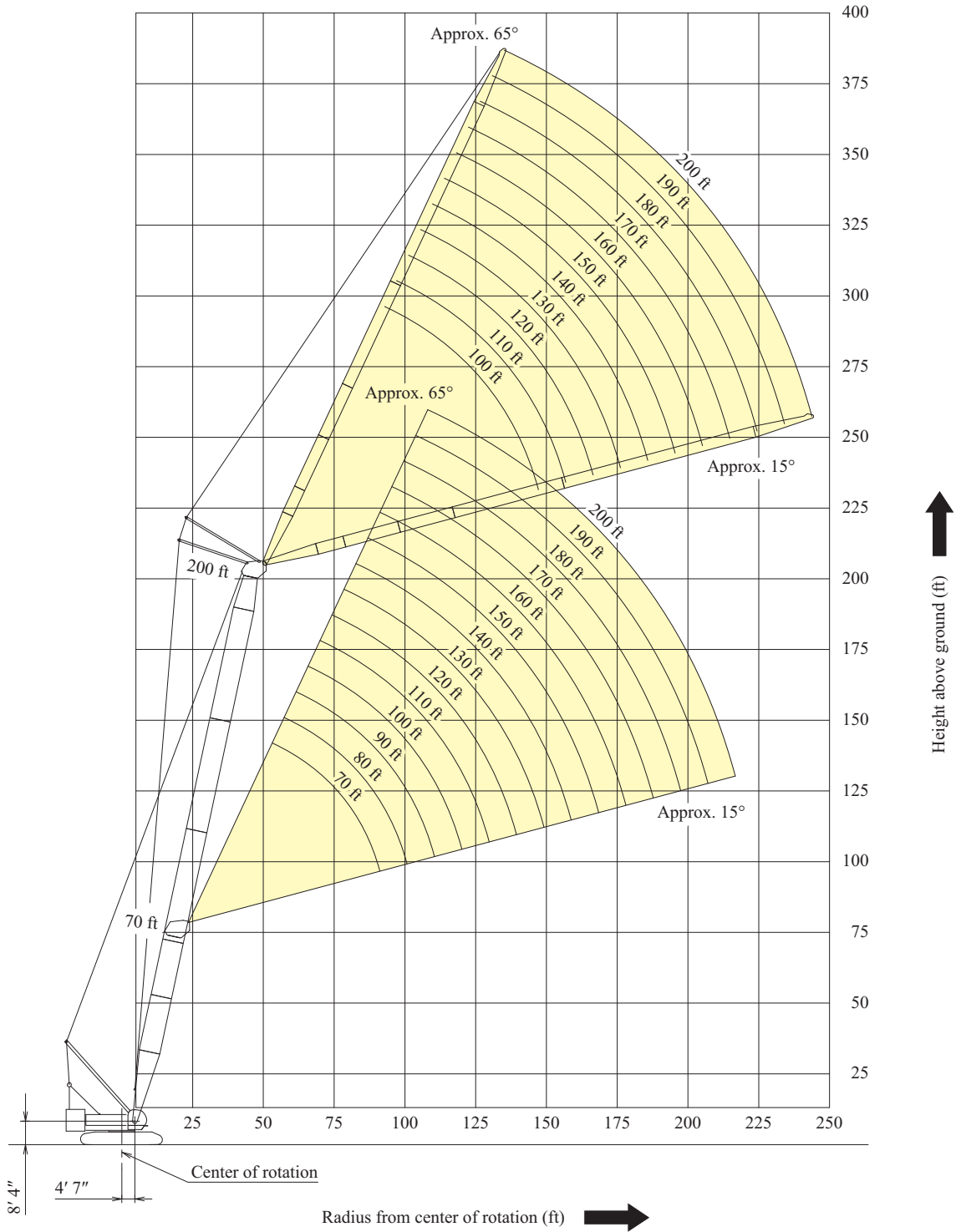


Luffing Jib 88°

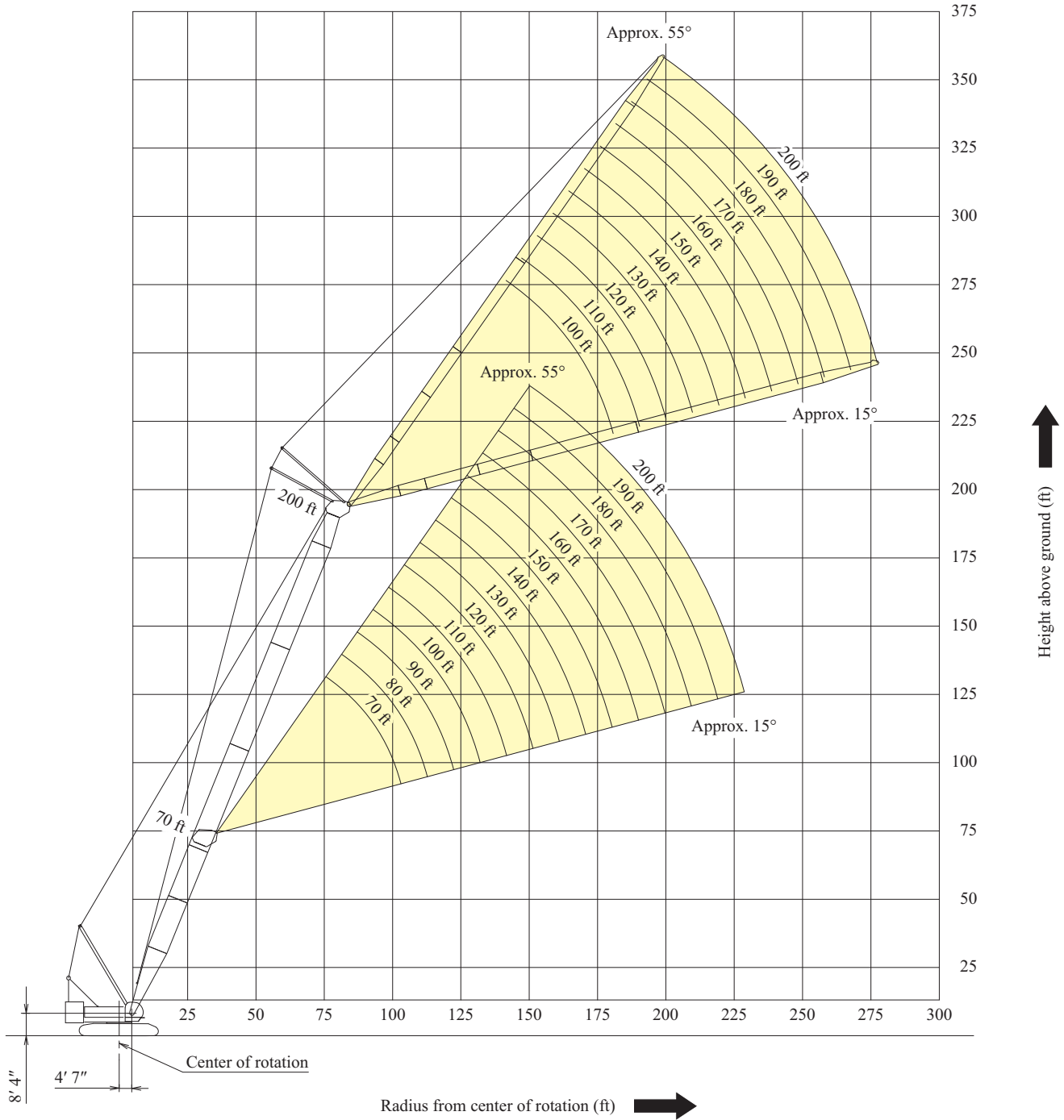


CK2750G-3 LUFFING BOOM/JIB - WORKING RANGES

Luffing Jib 78°



Luffing Jib 68°



Luffing Boom Arrangement

| Boom length : ft (m) | Boom arrangement |
|----------------------|------------------|
| 70 (21.3) | |
| 80 (24.4) | ※ |
| 90 (27.4) | ※ |
| 100 (30.5) | ※ |
| 110 (33.5) | ※ |
| 120 (36.6) | ※ |
| 130 (39.6) | ※ |
| 140 (42.7) | ※ |
| 150 (45.7) | ※ |

| Boom length : ft (m) | Boom arrangement |
|----------------------|------------------|
| 160 (48.8) | ※ |
| 170 (51.8) | ※ |
| 180 (54.9) | ※ |
| 190 (57.9) | ※ |
| 200 (61.0) | ※ |

※ mark shows the standard luffing boom arrangement which enables each boom length of less than that boom length to be configured.

| Symbol | Boom Length | Remarks |
|--------|---------------------|-------------------|
| | 25 ft (7.6 m) | Boom Base |
| | 3 ft 3 in (1.0 m) | Luffing Boom Tip |
| | 11 ft 10 in (3.6 m) | Taper Boom Insert |
| | 10 ft (3.0 m) | Boom Insert |
| | 20 ft (6.1 m) | Boom Insert |
| | 40 ft (12.2 m) | Boom Insert |

Luffing Jib Arrangement

| Jib length : ft (m) | Jib arrangement |
|---------------------|-----------------|
| 70 (21.3) | |
| 80 (24.4) | ※ |
| 90 (27.4) | ※ |
| 100 (30.5) | ※ |
| 110 (33.5) | ※ |
| 120 (36.6) | ※ |
| 130 (39.6) | ※ |
| 140 (42.7) | ※ |
| 150 (45.7) | ※ |

| Jib length : ft (m) | Jib arrangement |
|---------------------|-----------------|
| 160 (48.8) | ※ |
| 170 (51.8) | ※ |
| 180 (54.9) | ※ |
| 190 (57.9) | ※ |
| 200 (61.0) | ※ |

| Symbol | Jib Length | Remarks |
|--------|----------------|--------------------|
| | 30 ft (9.1 m) | Jib Base |
| | 10 ft (3.0 m) | Jib Insert |
| | 20 ft (6.1 m) | Jib Insert |
| | 40 ft (12.2 m) | Jib Insert |
| | 10 ft (3.0 m) | Special Jib Insert |
| | 30 ft (9.1 m) | Jib Tip |

※ indicates the most flexible combination of insert luffing booms, which can be modified to form all shorter luffing boom arrangements.

LUFFING BOOM/JIB - SUPPLEMENTAL DATA

1. 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 derate 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).
2. Rated loads do not exceed 75% of minimum tipping loads. Rated loads based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
3. The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.
 - Boom backstops are required for all boom lengths.
 - Gantry must be fully raised position for all operations.
 - The crane must be leveled to within 1% on a firm supporting surface.
4. Do not attempt to lift where no ratings are shown as crane may tip or collapse.
5. Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
6. 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.
7. The total load that can be lifted over a jib is limited by rated jib loads.
8. The total load that can be lifted over an auxiliary sheave should not exceed 29,700 lbs.

9. Luffing boom and jib combinations.

| Boom Length (ft) | Jib Length (ft) | | | | | | | | | | | | | | | |
|------------------|-----------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | 200 | | |
| 70 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | |
| 80 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | |
| 90 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | |
| 100 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | |
| 110 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | |
| 120 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | |
| 130 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | |
| 140 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | |
| 150 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | |
| 160 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | |
| 170 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | |
| 180 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | |
| 190 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | |
| 200 | × | × | × | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | |

○ : Combinations which is allowed.

× : Combinations which is not allowed.

10. The boom should be erected over the front of the crawlers, not laterally. When erecting and lowering for all boom and jib combinations, the blocks for erection must be placed at the end of the crawlers.
11. The boom should be erected over the front of the crawlers, not laterally. When erecting and lowering the boom length of 180 ft (54.9 m) or over, the blocks for erection must be placed at the end of the crawlers.
12. Least stable position is over the side.
13. The minimum rated load is 4,000 lbs (1.8 t).

14. Maximum number of reeving parts of line for hoist rope.

(1) Luffing Jib

| Boom Length (ft) | Jib Length (ft) | | | | | | | | | | | | | | | |
|------------------|-----------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | 200 | | |
| 70 | 6 | 6 | 6 | 5 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | | |
| 80 | 6 | 6 | 6 | 5 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | | |
| 90 | 6 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | | |
| 100 | 6 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | | |
| 110 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | | |
| 120 | 5 | 5 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | | |
| 130 | 5 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | | |
| 140 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | | |
| 150 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | | |
| 160 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| 170 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| 180 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| 190 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| 200 | × | × | × | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |

× : Combinations which is not allowed.

(2) Main boom with luffing jib

| Boom Length (ft) | Jib Length (ft) | | | | | | | | | | | | | | | |
|------------------|-----------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | 200 | | |
| 70 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 8 | 8 | | |
| 80 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | | |
| 90 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 8 | 8 | 8 | | |
| 100 | 10 | 10 | 10 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | | |
| 110 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | | |
| 120 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| 130 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | | |
| 140 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | | |
| 150 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | | |
| 160 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | | |
| 170 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | | |
| 180 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | | |
| 190 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | | |
| 200 | × | × | × | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | | |

× : Combinations which is not allowed.

15. Maximum hoist load for number of reeving parts of line for hoist rope.

Main Boom Hoist Loads

| No. of Parts of Line | 1 | 2 | 3 | 4 | 5 |
|----------------------|--------|--------|--------|---------|---------|
| Maximum Loads (lbs) | 29,700 | 59,500 | 89,200 | 119,000 | 148,800 |
| Maximum Loads (t) | 13.5 | 27.0 | 40.5 | 54.0 | 67.5 |

| No. of Parts of Line | 6 | 7 | 8 | 10 |
|----------------------|---------|---------|---------|---------|
| Maximum Loads (lbs) | 178,500 | 208,300 | 238,000 | 275,500 |
| Maximum Loads (t) | 81.0 | 94.5 | 108.0 | 125.0 |

Jib Hoist Loads

| No. of Parts of Line | 1 | 2 | 3 | 4 | 5 | 6 |
|----------------------|--------|--------|--------|---------|---------|---------|
| Maximum Loads (lbs) | 29,700 | 59,500 | 89,200 | 119,000 | 148,800 | 176,300 |
| Maximum Loads (t) | 13.5 | 27.0 | 40.5 | 54.0 | 67.5 | 80.0 |

Auxiliary Hoist Loads

| No. of Parts of Line | 1 |
|----------------------|--------|
| Maximum Loads (lbs) | 29,700 |
| Maximum Loads (t) | 13.5 |

16. Hook blocks that weight is close to the value shown below must be used.

| Hook Block | 275 t | 165 t | 110 t | 77 t | 39 t | 15 t ball hook |
|--------------|-------|-------|-------|-------|-------|----------------|
| Weight (lbs) | 9,260 | 5,075 | 3,970 | 2,650 | 1,990 | 1,000 |



WARNING

If the weight of hook block to be used is lighter than the recommended weight, the jib may turnover backward or it is difficult to lower the empty hook block.

17. The total load that can be lifted over an luffing jib with main hook block is the value for 5,100 lbs deducted from rated load for the luffing jib without main hook block.

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

19. Designed and rated to comply with ASME B30.5-2014.

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

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 70' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 70 ft Jib | | | 80 ft Jib | | | 90 ft Jib | | | 100 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 22.0 | 79.3 | 275,500 * | 22.0 | 79.3 | 270,200 * | 22.0 | 79.3 | 264,500 * | 22.0 | 79.3 | 262,300 * |
| 24.0 | 77.6 | 275,500 * | 24.0 | 77.6 | 270,200 * | 24.0 | 77.6 | 264,500 * | 24.0 | 77.6 | 262,300 * |
| 26.0 | 75.9 | 275,500 * | 26.0 | 75.9 | 270,200 * | 26.0 | 75.9 | 264,500 * | 26.0 | 75.9 | 262,300 * |
| 28.0 | 74.1 | 259,900 * | 28.0 | 74.1 | 254,900 * | 28.0 | 74.1 | 249,700 * | 28.0 | 74.1 | 247,700 * |
| 30.0 | 72.4 | 242,300 * | 30.0 | 72.4 | 237,700 * | 30.0 | 72.4 | 232,900 * | 30.0 | 72.4 | 231,100 * |
| 32.0 | 70.6 | 225,600 * | 32.0 | 70.6 | 221,100 * | 32.0 | 70.6 | 216,600 * | 32.0 | 70.6 | 214,900 * |
| 34.0 | 68.8 | 208,200 | 34.0 | 68.8 | 203,800 | 34.0 | 68.8 | 199,500 | 34.0 | 68.8 | 197,800 |
| 36.0 | 67.0 | 190,200 | 36.0 | 67.0 | 186,000 | 36.0 | 67.0 | 181,700 | 36.0 | 67.0 | 180,100 |
| 38.0 | 65.2 | 172,300 | 38.0 | 65.2 | 168,200 | 38.0 | 65.2 | 164,000 | 38.0 | 65.2 | 162,400 |
| 40.0 | 63.3 | 156,300 | 40.0 | 63.3 | 152,400 | 40.0 | 63.3 | 148,200 | 40.0 | 63.3 | 146,700 |
| 42.0 | 61.3 | 144,700 | 42.0 | 61.3 | 140,800 | 42.0 | 61.3 | 136,800 | 42.0 | 61.3 | 135,400 |
| 44.0 | 59.4 | 133,100 | 44.0 | 59.4 | 129,300 | 44.0 | 59.4 | 125,400 | 44.0 | 59.4 | 124,000 |
| 46.0 | 57.4 | 121,600 | 46.0 | 57.4 | 117,900 | 46.0 | 57.4 | 114,100 | 46.0 | 57.4 | 112,800 |
| 48.0 | 55.3 | 113,900 | 48.0 | 55.3 | 110,300 | 48.0 | 55.3 | 106,600 | 48.0 | 55.3 | 105,300 |
| 50.0 | 53.2 | 106,300 | 50.0 | 53.2 | 102,700 | 50.0 | 53.2 | 99,100 | 50.0 | 53.2 | 97,700 |
| 55.0 | 47.5 | 89,800 | 55.0 | 47.5 | 86,400 | 55.0 | 47.5 | 82,900 | 55.0 | 47.5 | 81,700 |
| Reeves | | 10 | Reeves | | 10 | Reeves | | 10 | Reeves | | 10 |
| 70' Boom | | | | | | | | | | | |
| 110 ft Jib | | | 120 ft Jib | | | 130 ft Jib | | | 140 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 22.0 | 79.3 | 259,900 * | 22.0 | 79.3 | 255,900 * | 22.0 | 79.3 | 251,500 * | 22.0 | 79.3 | 246,600 * |
| 24.0 | 77.6 | 259,900 * | 24.0 | 77.6 | 255,900 * | 24.0 | 77.6 | 251,500 * | 24.0 | 77.6 | 246,600 * |
| 26.0 | 75.9 | 259,900 * | 26.0 | 75.9 | 255,900 * | 26.0 | 75.9 | 251,500 * | 26.0 | 75.9 | 246,600 * |
| 28.0 | 74.1 | 245,600 * | 28.0 | 74.1 | 242,000 * | 28.0 | 74.1 | 238,100 * | 28.0 | 74.1 | 233,800 * |
| 30.0 | 72.4 | 229,400 * | 30.0 | 72.4 | 226,100 * | 30.0 | 72.4 | 222,600 * | 30.0 | 72.4 | 218,800 * |
| 32.0 | 70.6 | 213,100 * | 32.0 | 70.6 | 210,000 * | 32.0 | 70.6 | 206,400 * | 32.0 | 70.6 | 202,800 * |
| 34.0 | 68.8 | 196,000 | 34.0 | 68.8 | 193,000 | 34.0 | 68.8 | 189,500 | 34.0 | 68.8 | 186,000 |
| 36.0 | 67.0 | 178,400 | 36.0 | 67.0 | 175,400 | 36.0 | 67.0 | 172,100 | 36.0 | 67.0 | 168,700 |
| 38.0 | 65.2 | 160,800 | 38.0 | 65.2 | 157,900 | 38.0 | 65.2 | 154,700 | 38.0 | 65.2 | 151,400 |
| 40.0 | 63.3 | 145,200 | 40.0 | 63.3 | 142,300 | 40.0 | 63.3 | 139,300 | 40.0 | 63.3 | 136,000 |
| 42.0 | 61.3 | 133,900 | 42.0 | 61.3 | 131,000 | 42.0 | 61.3 | 128,000 | 42.0 | 61.3 | 124,800 |
| 44.0 | 59.4 | 122,600 | 44.0 | 59.4 | 119,800 | 44.0 | 59.4 | 116,700 | 44.0 | 59.4 | 113,700 |
| 46.0 | 57.4 | 111,500 | 46.0 | 57.4 | 108,600 | 46.0 | 57.4 | 105,500 | 46.0 | 57.4 | 102,700 |
| 48.0 | 55.3 | 103,900 | 48.0 | 55.3 | 101,100 | 48.0 | 55.3 | 98,100 | 48.0 | 55.3 | 95,300 |
| 50.0 | 53.2 | 96,400 | 50.0 | 53.2 | 93,700 | 50.0 | 53.2 | 90,700 | 50.0 | 53.2 | 87,900 |
| 55.0 | 47.5 | 80,400 | 55.0 | 47.5 | 77,700 | 55.0 | 47.5 | 74,900 | 55.0 | 47.5 | 72,200 |
| Reeves | | 10 | Reeves | | 10 | Reeves | | 10 | Reeves | | 10 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 70' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 150 ft Jib | | | 160 ft Jib | | | 170 ft Jib | | | 180 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 22.0 | 79.3 | 240,000 * | 22.0 | 79.3 | 236,900 * | 22.0 | 79.3 | 233,600 * | 22.0 | 79.3 | 228,300 * |
| 24.0 | 77.6 | 240,000 * | 24.0 | 77.6 | 236,900 * | 24.0 | 77.6 | 233,600 * | 24.0 | 77.6 | 228,300 * |
| 26.0 | 75.9 | 240,000 * | 26.0 | 75.9 | 236,900 * | 26.0 | 75.9 | 233,600 * | 26.0 | 75.9 | 228,300 * |
| 28.0 | 74.1 | 227,800 * | 28.0 | 74.1 | 224,900 * | 28.0 | 74.1 | 222,000 * | 28.0 | 74.1 | 217,300 * |
| 30.0 | 72.4 | 213,400 * | 30.0 | 72.4 | 210,800 * | 30.0 | 72.4 | 208,100 * | 30.0 | 72.4 | 204,000 * |
| 32.0 | 70.6 | 197,700 * | 32.0 | 70.6 | 195,200 * | 32.0 | 70.6 | 192,500 * | 32.0 | 70.6 | 188,500 * |
| 34.0 | 68.8 | 181,100 | 34.0 | 68.8 | 179,100 | 34.0 | 68.8 | 176,100 | 34.0 | 68.8 | 172,100 |
| 36.0 | 67.0 | 163,900 | 36.0 | 67.0 | 162,600 | 36.0 | 67.0 | 159,000 | 36.0 | 67.0 | 155,100 |
| 38.0 | 65.2 | 146,700 | 38.0 | 65.2 | 146,100 | 38.0 | 65.2 | 141,900 | 38.0 | 65.2 | 138,100 |
| 40.0 | 63.3 | 131,400 | 40.0 | 63.3 | 131,400 | 40.0 | 63.3 | 126,800 | 40.0 | 63.3 | 123,100 |
| 42.0 | 61.3 | 120,400 | 42.0 | 61.3 | 120,300 | 42.0 | 61.3 | 115,800 | 42.0 | 61.3 | 112,200 |
| 44.0 | 59.4 | 109,400 | 44.0 | 59.4 | 109,200 | 44.0 | 59.4 | 104,700 | 44.0 | 59.4 | 101,300 |
| 46.0 | 57.4 | 98,500 | 46.0 | 57.4 | 98,200 | 46.0 | 57.4 | 93,800 | 46.0 | 57.4 | 90,500 |
| 48.0 | 55.3 | 91,100 | 48.0 | 55.3 | 90,900 | 48.0 | 55.3 | 86,700 | 48.0 | 55.3 | 83,300 |
| 50.0 | 53.2 | 83,800 | 50.0 | 53.2 | 83,600 | 50.0 | 53.2 | 79,500 | 50.0 | 53.2 | 76,200 |
| 55.0 | 47.5 | 68,300 | 55.0 | 47.5 | 68,000 | 55.0 | 47.5 | 64,100 | 55.0 | 47.5 | 60,900 |
| Reeves | | 10 | Reeves | | 8 | Reeves | | 8 | Reeves | | 8 |
| 70' Boom | | | | | | | | | | | |
| 190 ft Jib | | | 200 ft Jib | | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | | | | |
| 22.0 | 79.3 | 221,100 * | 22.0 | 79.3 | 214,200 * | | | | | | |
| 24.0 | 77.6 | 221,100 * | 24.0 | 77.6 | 214,200 * | | | | | | |
| 26.0 | 75.9 | 221,100 * | 26.0 | 75.9 | 214,200 * | | | | | | |
| 28.0 | 74.1 | 210,800 * | 28.0 | 74.1 | 204,700 * | | | | | | |
| 30.0 | 72.4 | 198,300 * | 30.0 | 72.4 | 192,800 * | | | | | | |
| 32.0 | 70.6 | 183,100 * | 32.0 | 70.6 | 177,800 * | | | | | | |
| 34.0 | 68.8 | 166,900 | 34.0 | 68.8 | 161,700 | | | | | | |
| 36.0 | 67.0 | 150,100 | 36.0 | 67.0 | 145,000 | | | | | | |
| 38.0 | 65.2 | 133,200 | 38.0 | 65.2 | 128,300 | | | | | | |
| 40.0 | 63.3 | 118,200 | 40.0 | 63.3 | 113,400 | | | | | | |
| 42.0 | 61.3 | 107,400 | 42.0 | 61.3 | 102,800 | | | | | | |
| 44.0 | 59.4 | 96,600 | 44.0 | 59.4 | 92,200 | | | | | | |
| 46.0 | 57.4 | 85,900 | 46.0 | 57.4 | 81,700 | | | | | | |
| 48.0 | 55.3 | 78,900 | 48.0 | 55.3 | 74,700 | | | | | | |
| 50.0 | 53.2 | 71,800 | 50.0 | 53.2 | 67,700 | | | | | | |
| 55.0 | 47.5 | 56,800 | 55.0 | 47.5 | 52,900 | | | | | | |
| Reeves | | 8 | Reeves | | 8 | | | | | | |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 80' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 70 ft Jib | | | 80 ft Jib | | | 90 ft Jib | | | 100 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 24.0 | 79.2 | 275,500 * | 24.0 | 79.2 | 273,100 * | 24.0 | 79.2 | 267,800 * | 24.0 | 79.2 | 265,800 * |
| 26.0 | 77.7 | 275,500 * | 26.0 | 77.7 | 273,100 * | 26.0 | 77.7 | 267,800 * | 26.0 | 77.7 | 265,800 * |
| 28.0 | 76.2 | 259,700 * | 28.0 | 76.2 | 256,100 * | 28.0 | 76.2 | 251,200 * | 28.0 | 76.2 | 249,400 * |
| 30.0 | 74.7 | 242,100 * | 30.0 | 74.7 | 237,500 * | 30.0 | 74.7 | 232,900 * | 30.0 | 74.7 | 231,400 * |
| 32.0 | 73.2 | 225,500 * | 32.0 | 73.2 | 221,100 * | 32.0 | 73.2 | 216,800 * | 32.0 | 73.2 | 215,200 * |
| 34.0 | 71.6 | 208,200 | 34.0 | 71.6 | 203,900 | 34.0 | 71.6 | 199,800 | 34.0 | 71.6 | 198,300 |
| 36.0 | 70.1 | 190,300 | 36.0 | 70.1 | 186,300 | 36.0 | 70.1 | 182,200 | 36.0 | 70.1 | 180,700 |
| 38.0 | 68.5 | 172,500 | 38.0 | 68.5 | 168,600 | 38.0 | 68.5 | 164,600 | 38.0 | 68.5 | 163,200 |
| 40.0 | 66.9 | 156,600 | 40.0 | 66.9 | 152,800 | 40.0 | 66.9 | 148,900 | 40.0 | 66.9 | 147,600 |
| 42.0 | 65.3 | 145,000 | 42.0 | 65.3 | 141,300 | 42.0 | 65.3 | 137,500 | 42.0 | 65.3 | 136,200 |
| 44.0 | 63.7 | 133,500 | 44.0 | 63.7 | 129,700 | 44.0 | 63.7 | 126,100 | 44.0 | 63.7 | 124,700 |
| 46.0 | 62.0 | 122,000 | 46.0 | 62.0 | 118,300 | 46.0 | 62.0 | 114,800 | 46.0 | 62.0 | 113,400 |
| 48.0 | 60.3 | 114,300 | 48.0 | 60.3 | 110,600 | 48.0 | 60.3 | 107,200 | 48.0 | 60.3 | 105,900 |
| 50.0 | 58.6 | 106,600 | 50.0 | 58.6 | 103,000 | 50.0 | 58.6 | 99,600 | 50.0 | 58.6 | 98,400 |
| 55.0 | 54.1 | 90,000 | 55.0 | 54.1 | 86,500 | 55.0 | 54.1 | 83,300 | 55.0 | 54.1 | 82,200 |
| 60.0 | 49.4 | 76,600 | 60.0 | 49.4 | 73,400 | 60.0 | 49.4 | 70,300 | 60.0 | 49.4 | 69,200 |
| 65.0 | 44.2 | 65,900 | 65.0 | 44.2 | 63,000 | 65.0 | 44.2 | 59,900 | 65.0 | 44.2 | 58,800 |
| Reeves | | 10 | Reeves | | 10 | Reeves | | 10 | Reeves | | 10 |

| 80' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 110 ft Jib | | | 120 ft Jib | | | 130 ft Jib | | | 140 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 24.0 | 79.2 | 263,600 * | 24.0 | 79.2 | 260,100 * | 24.0 | 79.2 | 256,100 * | 24.0 | 79.2 | 251,900 * |
| 26.0 | 77.7 | 263,600 * | 26.0 | 77.7 | 260,100 * | 26.0 | 77.7 | 256,100 * | 26.0 | 77.7 | 251,900 * |
| 28.0 | 76.2 | 247,500 * | 28.0 | 76.2 | 244,200 * | 28.0 | 76.2 | 240,600 * | 28.0 | 76.2 | 236,600 * |
| 30.0 | 74.7 | 229,600 * | 30.0 | 74.7 | 226,600 * | 30.0 | 74.7 | 223,200 * | 30.0 | 74.7 | 219,600 * |
| 32.0 | 73.2 | 213,500 * | 32.0 | 73.2 | 210,600 * | 32.0 | 73.2 | 207,300 * | 32.0 | 73.2 | 203,800 * |
| 34.0 | 71.6 | 196,600 | 34.0 | 71.6 | 193,700 | 34.0 | 71.6 | 190,500 | 34.0 | 71.6 | 187,200 |
| 36.0 | 70.1 | 179,100 | 36.0 | 70.1 | 176,300 | 36.0 | 70.1 | 173,100 | 36.0 | 70.1 | 169,900 |
| 38.0 | 68.5 | 161,600 | 38.0 | 68.5 | 158,900 | 38.0 | 68.5 | 155,800 | 38.0 | 68.5 | 152,700 |
| 40.0 | 66.9 | 146,100 | 40.0 | 66.9 | 143,400 | 40.0 | 66.9 | 140,400 | 40.0 | 66.9 | 137,300 |
| 42.0 | 65.3 | 134,700 | 42.0 | 65.3 | 132,100 | 42.0 | 65.3 | 129,200 | 42.0 | 65.3 | 126,200 |
| 44.0 | 63.7 | 123,400 | 44.0 | 63.7 | 120,700 | 44.0 | 63.7 | 117,900 | 44.0 | 63.7 | 115,000 |
| 46.0 | 62.0 | 112,100 | 46.0 | 62.0 | 109,500 | 46.0 | 62.0 | 106,800 | 46.0 | 62.0 | 104,000 |
| 48.0 | 60.3 | 104,600 | 48.0 | 60.3 | 102,000 | 48.0 | 60.3 | 99,300 | 48.0 | 60.3 | 96,500 |
| 50.0 | 58.6 | 97,100 | 50.0 | 58.6 | 94,600 | 50.0 | 58.6 | 91,800 | 50.0 | 58.6 | 89,100 |
| 55.0 | 54.1 | 81,000 | 55.0 | 54.1 | 78,500 | 55.0 | 54.1 | 75,700 | 55.0 | 54.1 | 73,200 |
| 60.0 | 49.4 | 68,100 | 60.0 | 49.4 | 65,700 | 60.0 | 49.4 | 63,000 | 60.0 | 49.4 | 60,600 |
| 65.0 | 44.2 | 57,700 | 65.0 | 44.2 | 55,400 | 65.0 | 44.2 | 52,800 | 65.0 | 44.2 | 50,400 |
| Reeves | | 10 | Reeves | | 10 | Reeves | | 10 | Reeves | | 10 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 80' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 150 ft Jib | | | 160 ft Jib | | | 170 ft Jib | | | 180 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 24.0 | 79.2 | 245,800 * | 24.0 | 79.2 | 242,900 * | 24.0 | 79.2 | 240,000 * | 24.0 | 79.2 | 235,200 * |
| 26.0 | 77.7 | 245,800 * | 26.0 | 77.7 | 242,900 * | 26.0 | 77.7 | 240,000 * | 26.0 | 77.7 | 235,200 * |
| 28.0 | 76.2 | 231,000 * | 28.0 | 76.2 | 228,400 * | 28.0 | 76.2 | 225,700 * | 28.0 | 76.2 | 221,200 * |
| 30.0 | 74.7 | 214,500 * | 30.0 | 74.7 | 212,100 * | 30.0 | 74.7 | 209,500 * | 30.0 | 74.7 | 205,400 * |
| 32.0 | 73.2 | 198,900 * | 32.0 | 73.2 | 196,500 * | 32.0 | 73.2 | 194,000 * | 32.0 | 73.2 | 190,200 * |
| 34.0 | 71.6 | 182,400 | 34.0 | 71.6 | 180,000 | 34.0 | 71.6 | 177,700 | 34.0 | 71.6 | 173,900 |
| 36.0 | 70.1 | 165,300 | 36.0 | 70.1 | 163,000 | 36.0 | 70.1 | 160,700 | 36.0 | 70.1 | 157,000 |
| 38.0 | 68.5 | 148,200 | 38.0 | 68.5 | 145,900 | 38.0 | 68.5 | 143,700 | 38.0 | 68.5 | 140,100 |
| 40.0 | 66.9 | 132,900 | 40.0 | 66.9 | 130,900 | 40.0 | 66.9 | 128,500 | 40.0 | 66.9 | 125,000 |
| 42.0 | 65.3 | 121,800 | 42.0 | 65.3 | 120,500 | 42.0 | 65.3 | 117,500 | 42.0 | 65.3 | 114,200 |
| 44.0 | 63.7 | 110,700 | 44.0 | 63.7 | 110,100 | 44.0 | 63.7 | 106,500 | 44.0 | 63.7 | 103,300 |
| 46.0 | 62.0 | 99,800 | 46.0 | 62.0 | 99,800 | 46.0 | 62.0 | 95,600 | 46.0 | 62.0 | 92,500 |
| 48.0 | 60.3 | 92,500 | 48.0 | 60.3 | 92,500 | 48.0 | 60.3 | 88,300 | 48.0 | 60.3 | 85,300 |
| 50.0 | 58.6 | 85,100 | 50.0 | 58.6 | 85,100 | 50.0 | 58.6 | 81,100 | 50.0 | 58.6 | 78,000 |
| 55.0 | 54.1 | 69,400 | 55.0 | 54.1 | 69,400 | 55.0 | 54.1 | 65,600 | 55.0 | 54.1 | 62,600 |
| 60.0 | 49.4 | 56,900 | 60.0 | 49.4 | 56,900 | 60.0 | 49.4 | 53,200 | 60.0 | 49.4 | 50,400 |
| 65.0 | 44.2 | 47,000 | 65.0 | 44.2 | 46,800 | 65.0 | 44.2 | 43,300 | 65.0 | 44.2 | 40,600 |
| Reeves | | 10 | Reeves | | 10 | Reeves | | 10 | Reeves | | 8 |
| 80' Boom | | | | | | | | | | | |
| 190 ft Jib | | | 200 ft Jib | | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | | | | |
| 24.0 | 79.2 | 228,600 * | 24.0 | 79.2 | 222,400 * | | | | | | |
| 26.0 | 77.7 | 228,600 * | 26.0 | 77.7 | 222,400 * | | | | | | |
| 28.0 | 76.2 | 215,100 * | 28.0 | 76.2 | 209,400 * | | | | | | |
| 30.0 | 74.7 | 199,900 * | 30.0 | 74.7 | 194,600 * | | | | | | |
| 32.0 | 73.2 | 184,800 * | 32.0 | 73.2 | 179,700 * | | | | | | |
| 34.0 | 71.6 | 168,800 | 34.0 | 71.6 | 163,800 | | | | | | |
| 36.0 | 70.1 | 152,000 | 36.0 | 70.1 | 147,300 | | | | | | |
| 38.0 | 68.5 | 135,300 | 38.0 | 68.5 | 130,800 | | | | | | |
| 40.0 | 66.9 | 120,400 | 40.0 | 66.9 | 116,100 | | | | | | |
| 42.0 | 65.3 | 109,600 | 42.0 | 65.3 | 105,300 | | | | | | |
| 44.0 | 63.7 | 98,800 | 44.0 | 63.7 | 94,500 | | | | | | |
| 46.0 | 62.0 | 88,100 | 46.0 | 62.0 | 83,900 | | | | | | |
| 48.0 | 60.3 | 81,000 | 48.0 | 60.3 | 76,900 | | | | | | |
| 50.0 | 58.6 | 73,900 | 50.0 | 58.6 | 69,800 | | | | | | |
| 55.0 | 54.1 | 58,600 | 55.0 | 54.1 | 54,800 | | | | | | |
| 60.0 | 49.4 | 46,400 | 60.0 | 49.4 | 42,900 | | | | | | |
| 65.0 | 44.2 | 36,800 | 65.0 | 44.2 | 33,300 | | | | | | |
| Reeves | | 8 | Reeves | | 8 | | | | | | |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 90' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 70 ft Jib | | | 80 ft Jib | | | 90 ft Jib | | | 100 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 28.0 | 77.8 | 259,700 * | 28.0 | 77.8 | 257,000 * | 28.0 | 77.8 | 255,300 * | 28.0 | 77.8 | 253,600 * |
| 30.0 | 76.4 | 241,600 * | 30.0 | 76.4 | 237,200 * | 30.0 | 76.4 | 235,700 * | 30.0 | 76.4 | 233,900 * |
| 32.0 | 75.1 | 223,100 * | 32.0 | 75.1 | 218,800 * | 32.0 | 75.1 | 217,300 * | 32.0 | 75.1 | 215,700 * |
| 34.0 | 73.8 | 205,500 | 34.0 | 73.8 | 201,400 | 34.0 | 73.8 | 199,900 | 34.0 | 73.8 | 198,400 |
| 36.0 | 72.4 | 188,800 | 36.0 | 72.4 | 184,800 | 36.0 | 72.4 | 183,300 | 36.0 | 72.4 | 181,900 |
| 38.0 | 71.0 | 172,000 | 38.0 | 71.0 | 168,100 | 38.0 | 71.0 | 166,700 | 38.0 | 71.0 | 165,400 |
| 40.0 | 69.7 | 156,800 | 40.0 | 69.7 | 153,100 | 40.0 | 69.7 | 151,800 | 40.0 | 69.7 | 150,500 |
| 42.0 | 68.3 | 145,200 | 42.0 | 68.3 | 141,600 | 42.0 | 68.3 | 140,400 | 42.0 | 68.3 | 139,000 |
| 44.0 | 66.9 | 133,700 | 44.0 | 66.9 | 130,100 | 44.0 | 66.9 | 128,900 | 44.0 | 66.9 | 127,600 |
| 46.0 | 65.5 | 122,300 | 46.0 | 65.5 | 118,700 | 46.0 | 65.5 | 117,600 | 46.0 | 65.5 | 116,300 |
| 48.0 | 64.0 | 114,500 | 48.0 | 64.0 | 111,000 | 48.0 | 64.0 | 109,900 | 48.0 | 64.0 | 108,700 |
| 50.0 | 62.5 | 106,700 | 50.0 | 62.5 | 103,300 | 50.0 | 62.5 | 102,200 | 50.0 | 62.5 | 101,000 |
| 55.0 | 58.8 | 90,000 | 55.0 | 58.8 | 86,700 | 55.0 | 58.8 | 85,700 | 55.0 | 58.8 | 84,600 |
| 60.0 | 54.8 | 76,600 | 60.0 | 54.8 | 73,600 | 60.0 | 54.8 | 72,700 | 60.0 | 54.8 | 71,600 |
| 65.0 | 50.7 | 65,900 | 65.0 | 50.7 | 63,000 | 65.0 | 50.7 | 62,100 | 65.0 | 50.7 | 61,000 |
| 70.0 | 46.2 | 57,200 | 70.0 | 46.2 | 54,300 | 70.0 | 46.2 | 53,400 | 70.0 | 46.2 | 52,500 |
| Reeves | | 10 | Reeves | | 10 | Reeves | | 10 | Reeves | | 10 |
| 90' Boom | | | | | | | | | | | |
| 110 ft Jib | | | 120 ft Jib | | | 130 ft Jib | | | 140 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 28.0 | 77.8 | 248,900 * | 28.0 | 77.8 | 245,800 * | 28.0 | 77.8 | 242,600 * | 28.0 | 77.8 | 238,800 * |
| 30.0 | 76.4 | 229,600 * | 30.0 | 76.4 | 226,500 * | 30.0 | 76.4 | 223,400 * | 30.0 | 76.4 | 220,000 * |
| 32.0 | 75.1 | 211,400 * | 32.0 | 75.1 | 208,500 * | 32.0 | 75.1 | 205,400 * | 32.0 | 75.1 | 202,200 * |
| 34.0 | 73.8 | 194,300 | 34.0 | 73.8 | 191,500 | 34.0 | 73.8 | 188,500 | 34.0 | 73.8 | 185,400 |
| 36.0 | 72.4 | 177,900 | 36.0 | 72.4 | 175,200 | 36.0 | 72.4 | 172,200 | 36.0 | 72.4 | 169,200 |
| 38.0 | 71.0 | 161,500 | 38.0 | 71.0 | 158,800 | 38.0 | 71.0 | 155,900 | 38.0 | 71.0 | 153,000 |
| 40.0 | 69.7 | 146,700 | 40.0 | 69.7 | 144,100 | 40.0 | 69.7 | 141,300 | 40.0 | 69.7 | 138,400 |
| 42.0 | 68.3 | 135,400 | 42.0 | 68.3 | 132,800 | 42.0 | 68.3 | 130,000 | 42.0 | 68.3 | 127,200 |
| 44.0 | 66.9 | 124,000 | 44.0 | 66.9 | 121,500 | 44.0 | 66.9 | 118,800 | 44.0 | 66.9 | 115,900 |
| 46.0 | 65.5 | 112,800 | 46.0 | 65.5 | 110,400 | 46.0 | 65.5 | 107,700 | 46.0 | 65.5 | 104,900 |
| 48.0 | 64.0 | 105,200 | 48.0 | 64.0 | 102,800 | 48.0 | 64.0 | 100,200 | 48.0 | 64.0 | 97,500 |
| 50.0 | 62.5 | 97,600 | 50.0 | 62.5 | 95,200 | 50.0 | 62.5 | 92,700 | 50.0 | 62.5 | 90,100 |
| 55.0 | 58.8 | 81,300 | 55.0 | 58.8 | 79,000 | 55.0 | 58.8 | 76,500 | 55.0 | 58.8 | 74,100 |
| 60.0 | 54.8 | 68,300 | 60.0 | 54.8 | 66,100 | 60.0 | 54.8 | 63,700 | 60.0 | 54.8 | 61,300 |
| 65.0 | 50.7 | 57,900 | 65.0 | 50.7 | 55,700 | 65.0 | 50.7 | 53,500 | 65.0 | 50.7 | 51,000 |
| 70.0 | 46.2 | 49,500 | 70.0 | 46.2 | 47,300 | 70.0 | 46.2 | 45,100 | 70.0 | 46.2 | 42,900 |
| Reeves | | 10 | Reeves | | 10 | Reeves | | 10 | Reeves | | 10 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 90' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 150 ft Jib | | | 160 ft Jib | | | 170 ft Jib | | | 180 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 28.0 | 77.8 | 233,700 * | 28.0 | 77.8 | 231,200 * | 28.0 | 77.8 | 228,700 * | 28.0 | 77.8 | 224,700 * |
| 30.0 | 76.4 | 214,900 * | 30.0 | 76.4 | 212,500 * | 30.0 | 76.4 | 210,100 * | 30.0 | 76.4 | 206,400 * |
| 32.0 | 75.1 | 197,300 * | 32.0 | 75.1 | 195,100 * | 32.0 | 75.1 | 192,800 * | 32.0 | 75.1 | 189,100 * |
| 34.0 | 73.8 | 180,600 | 34.0 | 73.8 | 178,500 | 34.0 | 73.8 | 176,300 | 34.0 | 73.8 | 172,600 |
| 36.0 | 72.4 | 164,600 | 36.0 | 72.4 | 162,500 | 36.0 | 72.4 | 160,400 | 36.0 | 72.4 | 156,800 |
| 38.0 | 71.0 | 148,500 | 38.0 | 71.0 | 146,500 | 38.0 | 71.0 | 144,500 | 38.0 | 71.0 | 141,100 |
| 40.0 | 69.7 | 134,000 | 40.0 | 69.7 | 132,100 | 40.0 | 69.7 | 130,100 | 40.0 | 69.7 | 126,800 |
| 42.0 | 68.3 | 122,900 | 42.0 | 68.3 | 121,000 | 42.0 | 68.3 | 119,100 | 42.0 | 68.3 | 115,800 |
| 44.0 | 66.9 | 111,800 | 44.0 | 66.9 | 110,000 | 44.0 | 66.9 | 108,000 | 44.0 | 66.9 | 104,900 |
| 46.0 | 65.5 | 100,900 | 46.0 | 65.5 | 99,100 | 46.0 | 65.5 | 97,100 | 46.0 | 65.5 | 94,100 |
| 48.0 | 64.0 | 93,600 | 48.0 | 64.0 | 91,800 | 48.0 | 64.0 | 89,800 | 48.0 | 64.0 | 86,800 |
| 50.0 | 62.5 | 86,200 | 50.0 | 62.5 | 84,500 | 50.0 | 62.5 | 82,500 | 50.0 | 62.5 | 79,500 |
| 55.0 | 58.8 | 70,500 | 55.0 | 58.8 | 68,700 | 55.0 | 58.8 | 66,800 | 55.0 | 58.8 | 64,000 |
| 60.0 | 54.8 | 57,800 | 60.0 | 54.8 | 56,300 | 60.0 | 54.8 | 54,300 | 60.0 | 54.8 | 51,600 |
| 65.0 | 50.7 | 47,700 | 65.0 | 50.7 | 47,500 | 65.0 | 50.7 | 44,200 | 65.0 | 50.7 | 41,700 |
| 70.0 | 46.2 | 39,500 | 70.0 | 46.2 | 39,500 | 70.0 | 46.2 | 36,200 | 70.0 | 46.2 | 33,700 |
| Reeves | | 10 | Reeves | | 10 | Reeves | | 10 | Reeves | | 10 |
| 90' Boom | | | | | | | | | | | |
| 190 ft Jib | | | 200 ft Jib | | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | | | | |
| 28.0 | 77.8 | 219,000 * | 28.0 | 77.8 | 213,800 * | | | | | | |
| 30.0 | 76.4 | 200,900 * | 30.0 | 76.4 | 195,900 * | | | | | | |
| 32.0 | 75.1 | 183,900 * | 32.0 | 75.1 | 179,000 * | | | | | | |
| 34.0 | 73.8 | 167,700 | 34.0 | 73.8 | 162,900 | | | | | | |
| 36.0 | 72.4 | 152,000 | 36.0 | 72.4 | 147,400 | | | | | | |
| 38.0 | 71.0 | 136,300 | 38.0 | 71.0 | 131,800 | | | | | | |
| 40.0 | 69.7 | 122,200 | 40.0 | 69.7 | 117,800 | | | | | | |
| 42.0 | 68.3 | 111,400 | 42.0 | 68.3 | 107,200 | | | | | | |
| 44.0 | 66.9 | 100,600 | 44.0 | 66.9 | 96,500 | | | | | | |
| 46.0 | 65.5 | 89,900 | 46.0 | 65.5 | 85,900 | | | | | | |
| 48.0 | 64.0 | 82,700 | 48.0 | 64.0 | 78,800 | | | | | | |
| 50.0 | 62.5 | 75,500 | 50.0 | 62.5 | 71,700 | | | | | | |
| 55.0 | 58.8 | 60,100 | 55.0 | 58.8 | 56,500 | | | | | | |
| 60.0 | 54.8 | 47,900 | 60.0 | 54.8 | 44,400 | | | | | | |
| 65.0 | 50.7 | 38,200 | 65.0 | 50.7 | 34,700 | | | | | | |
| 70.0 | 46.2 | 30,400 | 70.0 | 46.2 | 27,000 | | | | | | |
| Reeves | | 8 | Reeves | | 8 | | | | | | |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 100' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 70 ft Jib | | | 80 ft Jib | | | 90 ft Jib | | | 100 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 28.0 | 79.0 | 244,600 * | 28.0 | 79.0 | 244,800 * | 28.0 | 79.0 | 240,800 * | 28.0 | 79.0 | 236,900 * |
| 30.0 | 77.8 | 232,800 * | 30.0 | 77.8 | 233,000 * | 30.0 | 77.8 | 229,100 * | 30.0 | 77.8 | 225,400 * |
| 32.0 | 76.6 | 217,200 * | 32.0 | 76.6 | 217,500 * | 32.0 | 76.6 | 213,600 * | 32.0 | 76.6 | 210,100 * |
| 34.0 | 75.4 | 201,800 | 34.0 | 75.4 | 202,000 | 34.0 | 75.4 | 198,400 | 34.0 | 75.4 | 194,900 |
| 36.0 | 74.2 | 186,500 | 36.0 | 74.2 | 186,700 | 36.0 | 74.2 | 183,200 | 36.0 | 74.2 | 179,700 |
| 38.0 | 73.0 | 171,200 | 38.0 | 73.0 | 171,400 | 38.0 | 73.0 | 168,000 | 38.0 | 73.0 | 164,600 |
| 40.0 | 71.8 | 157,000 | 40.0 | 71.8 | 157,200 | 40.0 | 71.8 | 153,900 | 40.0 | 71.8 | 150,700 |
| 42.0 | 70.6 | 145,400 | 42.0 | 70.6 | 145,700 | 42.0 | 70.6 | 142,400 | 42.0 | 70.6 | 139,200 |
| 44.0 | 69.3 | 133,800 | 44.0 | 69.3 | 134,100 | 44.0 | 69.3 | 130,800 | 44.0 | 69.3 | 127,800 |
| 46.0 | 68.1 | 122,300 | 46.0 | 68.1 | 122,700 | 46.0 | 68.1 | 119,400 | 46.0 | 68.1 | 116,500 |
| 48.0 | 66.8 | 114,500 | 48.0 | 66.8 | 114,900 | 48.0 | 66.8 | 111,700 | 48.0 | 66.8 | 108,900 |
| 50.0 | 65.5 | 106,700 | 50.0 | 65.5 | 107,100 | 50.0 | 65.5 | 103,900 | 50.0 | 65.5 | 101,200 |
| 55.0 | 62.3 | 90,000 | 55.0 | 62.3 | 90,400 | 55.0 | 62.3 | 87,400 | 55.0 | 62.3 | 84,800 |
| 60.0 | 58.9 | 76,600 | 60.0 | 58.9 | 77,100 | 60.0 | 58.9 | 74,200 | 60.0 | 58.9 | 71,600 |
| 65.0 | 55.4 | 65,900 | 65.0 | 55.4 | 66,300 | 65.0 | 55.4 | 63,400 | 65.0 | 55.4 | 61,000 |
| 70.0 | 51.7 | 57,000 | 70.0 | 51.7 | 57,500 | 70.0 | 51.7 | 54,800 | 70.0 | 51.7 | 52,500 |
| 75.0 | 47.8 | 49,500 | 75.0 | 47.8 | 50,000 | 75.0 | 47.8 | 47,300 | 75.0 | 47.8 | 45,100 |
| Reeves | | 10 | Reeves | | 10 | Reeves | | 10 | Reeves | | 10 |
| 100' Boom | | | | | | | | | | | |
| 110 ft Jib | | | 120 ft Jib | | | 130 ft Jib | | | 140 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 28.0 | 79.0 | 233,600 * | 28.0 | 79.0 | 229,400 * | 28.0 | 79.0 | 226,300 * | 28.0 | 79.0 | 222,700 * |
| 30.0 | 77.8 | 222,300 * | 30.0 | 77.8 | 218,400 * | 30.0 | 77.8 | 215,300 * | 30.0 | 77.8 | 211,800 * |
| 32.0 | 76.6 | 207,100 * | 32.0 | 76.6 | 203,200 * | 32.0 | 76.6 | 200,300 * | 32.0 | 76.6 | 197,100 * |
| 34.0 | 75.4 | 192,000 | 34.0 | 75.4 | 188,200 | 34.0 | 75.4 | 185,300 | 34.0 | 75.4 | 182,300 |
| 36.0 | 74.2 | 177,000 | 36.0 | 74.2 | 173,200 | 36.0 | 74.2 | 170,500 | 36.0 | 74.2 | 167,500 |
| 38.0 | 73.0 | 161,900 | 38.0 | 73.0 | 158,300 | 38.0 | 73.0 | 155,600 | 38.0 | 73.0 | 152,700 |
| 40.0 | 71.8 | 148,000 | 40.0 | 71.8 | 144,500 | 40.0 | 71.8 | 141,900 | 40.0 | 71.8 | 139,100 |
| 42.0 | 70.6 | 136,600 | 42.0 | 70.6 | 133,300 | 42.0 | 70.6 | 130,700 | 42.0 | 70.6 | 127,900 |
| 44.0 | 69.3 | 125,200 | 44.0 | 69.3 | 122,000 | 44.0 | 69.3 | 119,500 | 44.0 | 69.3 | 116,800 |
| 46.0 | 68.1 | 113,900 | 46.0 | 68.1 | 110,800 | 46.0 | 68.1 | 108,400 | 46.0 | 68.1 | 105,700 |
| 48.0 | 66.8 | 106,300 | 48.0 | 66.8 | 103,200 | 48.0 | 66.8 | 100,900 | 48.0 | 66.8 | 98,300 |
| 50.0 | 65.5 | 98,700 | 50.0 | 65.5 | 95,600 | 50.0 | 65.5 | 93,300 | 50.0 | 65.5 | 90,800 |
| 55.0 | 62.3 | 82,400 | 55.0 | 62.3 | 79,400 | 55.0 | 62.3 | 77,200 | 55.0 | 62.3 | 74,800 |
| 60.0 | 58.9 | 69,400 | 60.0 | 58.9 | 66,500 | 60.0 | 58.9 | 64,300 | 60.0 | 58.9 | 61,900 |
| 65.0 | 55.4 | 58,800 | 65.0 | 55.4 | 56,100 | 65.0 | 55.4 | 53,900 | 65.0 | 55.4 | 51,700 |
| 70.0 | 51.7 | 50,100 | 70.0 | 51.7 | 47,600 | 70.0 | 51.7 | 45,400 | 70.0 | 51.7 | 43,400 |
| 75.0 | 47.8 | 42,800 | 75.0 | 47.8 | 40,300 | 75.0 | 47.8 | 38,100 | 75.0 | 47.8 | 36,200 |
| Reeves | | 10 | Reeves | | 10 | Reeves | | 8 | Reeves | | 8 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 100' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 150 ft Jib | | | 160 ft Jib | | | 170 ft Jib | | | 180 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 28.0 | 79.0 | 217,700 * | 28.0 | 79.0 | 215,400 * | 28.0 | 79.0 | 212,800 * | 28.0 | 79.0 | 209,000 * |
| 30.0 | 77.8 | 207,000 * | 30.0 | 77.8 | 204,900 * | 30.0 | 77.8 | 202,500 * | 30.0 | 77.8 | 198,700 * |
| 32.0 | 76.6 | 192,400 * | 32.0 | 76.6 | 190,300 * | 32.0 | 76.6 | 188,100 * | 32.0 | 76.6 | 184,300 * |
| 34.0 | 75.4 | 177,700 | 34.0 | 75.4 | 175,800 | 34.0 | 75.4 | 173,600 | 34.0 | 75.4 | 170,000 |
| 36.0 | 74.2 | 163,100 | 36.0 | 74.2 | 161,200 | 36.0 | 74.2 | 159,100 | 36.0 | 74.2 | 155,600 |
| 38.0 | 73.0 | 148,400 | 38.0 | 73.0 | 146,600 | 38.0 | 73.0 | 144,600 | 38.0 | 73.0 | 141,200 |
| 40.0 | 71.8 | 134,900 | 40.0 | 71.8 | 133,100 | 40.0 | 71.8 | 131,200 | 40.0 | 71.8 | 127,900 |
| 42.0 | 70.6 | 123,800 | 42.0 | 70.6 | 122,100 | 42.0 | 70.6 | 120,200 | 42.0 | 70.6 | 116,900 |
| 44.0 | 69.3 | 112,700 | 44.0 | 69.3 | 111,000 | 44.0 | 69.3 | 109,100 | 44.0 | 69.3 | 106,000 |
| 46.0 | 68.1 | 101,800 | 46.0 | 68.1 | 100,000 | 46.0 | 68.1 | 98,200 | 46.0 | 68.1 | 95,200 |
| 48.0 | 66.8 | 94,400 | 48.0 | 66.8 | 92,600 | 48.0 | 66.8 | 90,900 | 48.0 | 66.8 | 87,900 |
| 50.0 | 65.5 | 87,000 | 50.0 | 65.5 | 85,200 | 50.0 | 65.5 | 83,500 | 50.0 | 65.5 | 80,600 |
| 55.0 | 62.3 | 71,200 | 55.0 | 62.3 | 70,100 | 55.0 | 62.3 | 67,700 | 55.0 | 62.3 | 65,100 |
| 60.0 | 58.9 | 58,600 | 60.0 | 58.9 | 58,600 | 60.0 | 58.9 | 55,100 | 60.0 | 58.9 | 52,700 |
| 65.0 | 55.4 | 48,400 | 65.0 | 55.4 | 48,400 | 65.0 | 55.4 | 45,100 | 65.0 | 55.4 | 42,600 |
| 70.0 | 51.7 | 40,200 | 70.0 | 51.7 | 40,200 | 70.0 | 51.7 | 36,900 | 70.0 | 51.7 | 34,600 |
| 75.0 | 47.8 | 33,200 | 75.0 | 47.8 | 33,200 | 75.0 | 47.8 | 30,000 | 75.0 | 47.8 | 27,700 |
| Reeves | | 8 | Reeves | | 8 | Reeves | | 8 | Reeves | | 8 |
| 100' Boom | | | | | | | | | | | |
| 190 ft Jib | | | 200 ft Jib | | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | | | | |
| 28.0 | 79.0 | 203,500 * | 28.0 | 79.0 | 198,400 * | | | | | | |
| 30.0 | 77.8 | 193,500 * | 30.0 | 77.8 | 188,700 * | | | | | | |
| 32.0 | 76.6 | 179,400 * | 32.0 | 76.6 | 174,700 * | | | | | | |
| 34.0 | 75.4 | 165,200 | 34.0 | 75.4 | 160,600 | | | | | | |
| 36.0 | 74.2 | 150,900 | 36.0 | 74.2 | 146,500 | | | | | | |
| 38.0 | 73.0 | 136,700 | 38.0 | 73.0 | 132,400 | | | | | | |
| 40.0 | 71.8 | 123,500 | 40.0 | 71.8 | 119,400 | | | | | | |
| 42.0 | 70.6 | 112,700 | 42.0 | 70.6 | 108,600 | | | | | | |
| 44.0 | 69.3 | 101,900 | 44.0 | 69.3 | 97,900 | | | | | | |
| 46.0 | 68.1 | 91,200 | 46.0 | 68.1 | 87,200 | | | | | | |
| 48.0 | 66.8 | 83,900 | 48.0 | 66.8 | 80,100 | | | | | | |
| 50.0 | 65.5 | 76,700 | 50.0 | 65.5 | 73,000 | | | | | | |
| 55.0 | 62.3 | 61,200 | 55.0 | 62.3 | 57,800 | | | | | | |
| 60.0 | 58.9 | 49,000 | 60.0 | 58.9 | 45,700 | | | | | | |
| 65.0 | 55.4 | 39,100 | 65.0 | 55.4 | 36,000 | | | | | | |
| 70.0 | 51.7 | 31,100 | 70.0 | 51.7 | 28,000 | | | | | | |
| 75.0 | 47.8 | 24,300 | 75.0 | 47.8 | 21,300 | | | | | | |
| Reeves | | 8 | Reeves | | 8 | | | | | | |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 110' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 70 ft Jib | | | 80 ft Jib | | | 90 ft Jib | | | 100 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 30.0 | 79.0 | 219,200 * | 30.0 | 79.0 | 215,500 * | 30.0 | 79.0 | 211,500 * | 30.0 | 79.0 | 208,900 * |
| 32.0 | 77.9 | 213,000 * | 32.0 | 77.9 | 209,400 * | 32.0 | 77.9 | 205,600 * | 32.0 | 77.9 | 203,100 * |
| 34.0 | 76.8 | 202,100 | 34.0 | 76.8 | 198,600 | 34.0 | 76.8 | 194,900 | 34.0 | 76.8 | 192,600 |
| 36.0 | 75.7 | 188,100 | 36.0 | 75.7 | 184,700 | 36.0 | 75.7 | 181,000 | 36.0 | 75.7 | 178,800 |
| 38.0 | 74.6 | 174,000 | 38.0 | 74.6 | 170,700 | 38.0 | 74.6 | 167,100 | 38.0 | 74.6 | 165,000 |
| 40.0 | 73.5 | 160,700 | 40.0 | 73.5 | 157,400 | 40.0 | 73.5 | 154,000 | 40.0 | 73.5 | 152,000 |
| 42.0 | 72.4 | 149,000 | 42.0 | 72.4 | 145,800 | 42.0 | 72.4 | 142,500 | 42.0 | 72.4 | 140,500 |
| 44.0 | 71.3 | 137,300 | 44.0 | 71.3 | 134,200 | 44.0 | 71.3 | 131,000 | 44.0 | 71.3 | 129,000 |
| 46.0 | 70.2 | 125,800 | 46.0 | 70.2 | 122,700 | 46.0 | 70.2 | 119,600 | 46.0 | 70.2 | 117,600 |
| 48.0 | 69.1 | 118,000 | 48.0 | 69.1 | 114,900 | 48.0 | 69.1 | 111,900 | 48.0 | 69.1 | 109,900 |
| 50.0 | 67.9 | 110,200 | 50.0 | 67.9 | 107,100 | 50.0 | 67.9 | 104,200 | 50.0 | 67.9 | 102,200 |
| 55.0 | 65.0 | 93,400 | 55.0 | 65.0 | 90,400 | 55.0 | 65.0 | 87,600 | 55.0 | 65.0 | 85,600 |
| 60.0 | 62.1 | 79,900 | 60.0 | 62.1 | 77,100 | 60.0 | 62.1 | 74,400 | 60.0 | 62.1 | 72,500 |
| 65.0 | 59.0 | 69,000 | 65.0 | 59.0 | 66,300 | 65.0 | 59.0 | 63,700 | 65.0 | 59.0 | 61,900 |
| 70.0 | 55.8 | 60,100 | 70.0 | 55.8 | 57,500 | 70.0 | 55.8 | 54,800 | 70.0 | 55.8 | 53,200 |
| 75.0 | 52.5 | 52,400 | 75.0 | 52.5 | 49,900 | 75.0 | 52.5 | 47,300 | 75.0 | 52.5 | 45,700 |
| 80.0 | 49.0 | 45,700 | 80.0 | 49.0 | 43,300 | 80.0 | 49.0 | 40,900 | 80.0 | 49.0 | 39,200 |
| 85.0 | 45.4 | 40,200 | 85.0 | 45.4 | 37,800 | 85.0 | 45.4 | 35,500 | 85.0 | 45.4 | 33,800 |
| Reeves | | 8 | Reeves | | 8 | Reeves | | 8 | Reeves | | 8 |

| 110' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 110 ft Jib | | | 120 ft Jib | | | 130 ft Jib | | | 140 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 30.0 | 79.0 | 204,700 * | 30.0 | 79.0 | 200,800 * | 30.0 | 79.0 | 198,000 * | 30.0 | 79.0 | 194,700 * |
| 32.0 | 77.9 | 199,100 * | 32.0 | 77.9 | 195,300 * | 32.0 | 77.9 | 192,600 * | 32.0 | 77.9 | 189,500 * |
| 34.0 | 76.8 | 188,700 | 34.0 | 76.8 | 185,000 | 34.0 | 76.8 | 182,400 | 34.0 | 76.8 | 179,300 |
| 36.0 | 75.7 | 174,900 | 36.0 | 75.7 | 171,400 | 36.0 | 75.7 | 168,900 | 36.0 | 75.7 | 165,900 |
| 38.0 | 74.6 | 161,200 | 38.0 | 74.6 | 157,800 | 38.0 | 74.6 | 155,400 | 38.0 | 74.6 | 152,500 |
| 40.0 | 73.5 | 148,300 | 40.0 | 73.5 | 145,000 | 40.0 | 73.5 | 142,600 | 40.0 | 73.5 | 139,700 |
| 42.0 | 72.4 | 136,900 | 42.0 | 72.4 | 133,700 | 42.0 | 72.4 | 131,300 | 42.0 | 72.4 | 128,500 |
| 44.0 | 71.3 | 125,600 | 44.0 | 71.3 | 122,400 | 44.0 | 71.3 | 120,000 | 44.0 | 71.3 | 117,300 |
| 46.0 | 70.2 | 114,300 | 46.0 | 70.2 | 111,200 | 46.0 | 70.2 | 108,800 | 46.0 | 70.2 | 106,200 |
| 48.0 | 69.1 | 106,700 | 48.0 | 69.1 | 103,600 | 48.0 | 69.1 | 101,300 | 48.0 | 69.1 | 98,700 |
| 50.0 | 67.9 | 99,000 | 50.0 | 67.9 | 96,100 | 50.0 | 67.9 | 93,800 | 50.0 | 67.9 | 91,300 |
| 55.0 | 65.0 | 82,600 | 55.0 | 65.0 | 79,800 | 55.0 | 65.0 | 77,600 | 55.0 | 65.0 | 75,300 |
| 60.0 | 62.1 | 69,600 | 60.0 | 62.1 | 66,800 | 60.0 | 62.1 | 64,800 | 60.0 | 62.1 | 62,600 |
| 65.0 | 59.0 | 59,000 | 65.0 | 59.0 | 56,300 | 65.0 | 59.0 | 54,400 | 65.0 | 59.0 | 52,200 |
| 70.0 | 55.8 | 50,300 | 70.0 | 55.8 | 47,800 | 70.0 | 55.8 | 45,900 | 70.0 | 55.8 | 43,800 |
| 75.0 | 52.5 | 43,000 | 75.0 | 52.5 | 40,600 | 75.0 | 52.5 | 38,600 | 75.0 | 52.5 | 36,600 |
| 80.0 | 49.0 | 36,700 | 80.0 | 49.0 | 34,300 | 80.0 | 49.0 | 32,300 | 80.0 | 49.0 | 30,400 |
| 85.0 | 45.4 | 31,400 | 85.0 | 45.4 | 28,900 | 85.0 | 45.4 | 27,000 | 85.0 | 45.4 | 25,200 |
| Reeves | | 8 | Reeves | | 8 | Reeves | | 8 | Reeves | | 8 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 110' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 150 ft Jib | | | 160 ft Jib | | | 170 ft Jib | | | 180 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 30.0 | 79.0 | 189,900 * | 30.0 | 79.0 | 187,700 * | 30.0 | 79.0 | 185,500 * | 30.0 | 79.0 | 181,800 * |
| 32.0 | 77.9 | 184,800 * | 32.0 | 77.9 | 182,700 * | 32.0 | 77.9 | 180,700 * | 32.0 | 77.9 | 177,100 * |
| 34.0 | 76.8 | 174,800 | 34.0 | 76.8 | 172,900 | 34.0 | 76.8 | 170,900 | 34.0 | 76.8 | 167,400 |
| 36.0 | 75.7 | 161,600 | 36.0 | 75.7 | 159,700 | 36.0 | 75.7 | 157,700 | 36.0 | 75.7 | 154,400 |
| 38.0 | 74.6 | 148,300 | 38.0 | 74.6 | 146,500 | 38.0 | 74.6 | 144,600 | 38.0 | 74.6 | 141,400 |
| 40.0 | 73.5 | 135,800 | 40.0 | 73.5 | 134,000 | 40.0 | 73.5 | 132,100 | 40.0 | 73.5 | 129,000 |
| 42.0 | 72.4 | 124,600 | 42.0 | 72.4 | 122,900 | 42.0 | 72.4 | 121,000 | 42.0 | 72.4 | 118,000 |
| 44.0 | 71.3 | 113,500 | 44.0 | 71.3 | 111,800 | 44.0 | 71.3 | 110,000 | 44.0 | 71.3 | 107,100 |
| 46.0 | 70.2 | 102,400 | 46.0 | 70.2 | 100,900 | 46.0 | 70.2 | 99,100 | 46.0 | 70.2 | 96,300 |
| 48.0 | 69.1 | 95,000 | 48.0 | 69.1 | 93,500 | 48.0 | 69.1 | 91,700 | 48.0 | 69.1 | 88,900 |
| 50.0 | 67.9 | 87,600 | 50.0 | 67.9 | 86,100 | 50.0 | 67.9 | 84,300 | 50.0 | 67.9 | 81,600 |
| 55.0 | 65.0 | 71,800 | 55.0 | 65.0 | 70,200 | 55.0 | 65.0 | 68,600 | 55.0 | 65.0 | 66,000 |
| 60.0 | 62.1 | 59,100 | 60.0 | 62.1 | 57,600 | 60.0 | 62.1 | 56,000 | 60.0 | 62.1 | 53,600 |
| 65.0 | 59.0 | 48,800 | 65.0 | 59.0 | 47,500 | 65.0 | 59.0 | 45,900 | 65.0 | 59.0 | 43,500 |
| 70.0 | 55.8 | 40,600 | 70.0 | 55.8 | 40,200 | 70.0 | 55.8 | 37,600 | 70.0 | 55.8 | 35,400 |
| 75.0 | 52.5 | 33,600 | 75.0 | 52.5 | 33,600 | 75.0 | 52.5 | 30,500 | 75.0 | 52.5 | 28,300 |
| 80.0 | 49.0 | 27,500 | 80.0 | 49.0 | 27,500 | 80.0 | 49.0 | 24,500 | 80.0 | 49.0 | 22,300 |
| 85.0 | 45.4 | 22,300 | 85.0 | 45.4 | 22,300 | 85.0 | 45.4 | 19,400 | 85.0 | 45.4 | 17,400 |
| Reeves | | 8 | Reeves | | 8 | Reeves | | 8 | Reeves | | 8 |
| 110' Boom | | | | | | | | | | | |
| 190 ft Jib | | | 200 ft Jib | | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | | | | |
| 30.0 | 79.0 | 176,800 * | 30.0 | 79.0 | 172,000 * | | | | | | |
| 32.0 | 77.9 | 172,200 * | 32.0 | 77.9 | 167,500 * | | | | | | |
| 34.0 | 76.8 | 162,700 | 34.0 | 76.8 | 158,200 | | | | | | |
| 36.0 | 75.7 | 149,800 | 36.0 | 75.7 | 145,500 | | | | | | |
| 38.0 | 74.6 | 136,900 | 38.0 | 74.6 | 132,800 | | | | | | |
| 40.0 | 73.5 | 124,600 | 40.0 | 73.5 | 120,700 | | | | | | |
| 42.0 | 72.4 | 113,800 | 42.0 | 72.4 | 109,900 | | | | | | |
| 44.0 | 71.3 | 103,000 | 44.0 | 71.3 | 99,200 | | | | | | |
| 46.0 | 70.2 | 92,300 | 46.0 | 70.2 | 88,500 | | | | | | |
| 48.0 | 69.1 | 85,000 | 48.0 | 69.1 | 81,400 | | | | | | |
| 50.0 | 67.9 | 77,800 | 50.0 | 67.9 | 74,200 | | | | | | |
| 55.0 | 65.0 | 62,300 | 55.0 | 65.0 | 58,900 | | | | | | |
| 60.0 | 62.1 | 50,100 | 60.0 | 62.1 | 46,800 | | | | | | |
| 65.0 | 59.0 | 40,000 | 65.0 | 59.0 | 36,900 | | | | | | |
| 70.0 | 55.8 | 32,000 | 70.0 | 55.8 | 29,000 | | | | | | |
| 75.0 | 52.5 | 25,100 | 75.0 | 52.5 | 22,200 | | | | | | |
| 80.0 | 49.0 | 19,200 | | | | | | | | | |
| 85.0 | 45.4 | 14,400 | | | | | | | | | |
| Reeves | | 6 | Reeves | | 6 | | | | | | |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 120' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 70 ft Jib | | | 80 ft Jib | | | 90 ft Jib | | | 100 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 34.0 | 77.9 | 198,500 * | 34.0 | 77.9 | 195,000 * | 34.0 | 77.9 | 192,400 * | 34.0 | 77.9 | 189,200 * |
| 36.0 | 76.9 | 185,700 * | 36.0 | 76.9 | 182,300 * | 36.0 | 76.9 | 179,700 * | 36.0 | 76.9 | 176,700 * |
| 38.0 | 76.0 | 172,900 * | 38.0 | 76.0 | 169,600 * | 38.0 | 76.0 | 167,100 * | 38.0 | 76.0 | 164,200 * |
| 40.0 | 75.0 | 160,500 | 40.0 | 75.0 | 157,200 | 40.0 | 75.0 | 154,800 | 40.0 | 75.0 | 152,000 |
| 42.0 | 74.0 | 148,800 | 42.0 | 74.0 | 145,700 | 42.0 | 74.0 | 143,300 | 42.0 | 74.0 | 140,500 |
| 44.0 | 72.9 | 137,100 | 44.0 | 72.9 | 134,100 | 44.0 | 72.9 | 131,700 | 44.0 | 72.9 | 129,000 |
| 46.0 | 71.9 | 125,600 | 46.0 | 71.9 | 122,700 | 46.0 | 71.9 | 120,300 | 46.0 | 71.9 | 117,600 |
| 48.0 | 70.9 | 117,800 | 48.0 | 70.9 | 114,900 | 48.0 | 70.9 | 112,500 | 48.0 | 70.9 | 110,000 |
| 50.0 | 69.9 | 110,000 | 50.0 | 69.9 | 107,100 | 50.0 | 69.9 | 104,800 | 50.0 | 69.9 | 102,300 |
| 55.0 | 67.3 | 93,200 | 55.0 | 67.3 | 90,400 | 55.0 | 67.3 | 88,300 | 55.0 | 67.3 | 85,900 |
| 60.0 | 64.6 | 79,700 | 60.0 | 64.6 | 77,000 | 60.0 | 64.6 | 75,000 | 60.0 | 64.6 | 72,700 |
| 65.0 | 61.9 | 68,800 | 65.0 | 61.9 | 66,100 | 65.0 | 61.9 | 64,100 | 65.0 | 61.9 | 61,900 |
| 70.0 | 59.1 | 59,900 | 70.0 | 59.1 | 57,300 | 70.0 | 59.1 | 55,400 | 70.0 | 59.1 | 53,200 |
| 75.0 | 56.2 | 52,200 | 75.0 | 56.2 | 49,600 | 75.0 | 56.2 | 47,900 | 75.0 | 56.2 | 45,700 |
| 80.0 | 53.2 | 45,500 | 80.0 | 53.2 | 43,100 | 80.0 | 53.2 | 41,300 | 80.0 | 53.2 | 39,200 |
| 85.0 | 50.1 | 40,000 | 85.0 | 50.1 | 37,500 | 85.0 | 50.1 | 35,800 | 85.0 | 50.1 | 33,800 |
| 90.0 | 46.7 | 35,100 | 90.0 | 46.7 | 32,800 | 90.0 | 46.7 | 31,000 | 90.0 | 46.7 | 29,000 |
| 95.0 | 43.2 | 30,900 | 95.0 | 43.2 | 28,700 | 95.0 | 43.2 | 27,000 | 95.0 | 43.2 | 25,000 |
| Reeves | 8 | | Reeves | 8 | | Reeves | 8 | | Reeves | 8 | |

| 120' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 110 ft Jib | | | 120 ft Jib | | | 130 ft Jib | | | 140 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 34.0 | 77.9 | 185,400 * | 34.0 | 77.9 | 181,800 * | 34.0 | 77.9 | 179,200 * | 34.0 | 77.9 | 176,200 * |
| 36.0 | 76.9 | 173,000 * | 36.0 | 76.9 | 169,500 * | 36.0 | 76.9 | 166,900 * | 36.0 | 76.9 | 164,100 * |
| 38.0 | 76.0 | 160,600 * | 38.0 | 76.0 | 157,200 * | 38.0 | 76.0 | 154,700 * | 38.0 | 76.0 | 152,000 * |
| 40.0 | 75.0 | 148,500 | 40.0 | 75.0 | 145,200 | 40.0 | 75.0 | 142,800 | 40.0 | 75.0 | 140,200 |
| 42.0 | 74.0 | 137,000 | 42.0 | 74.0 | 133,900 | 42.0 | 74.0 | 131,600 | 42.0 | 74.0 | 128,900 |
| 44.0 | 72.9 | 125,600 | 44.0 | 72.9 | 122,600 | 44.0 | 72.9 | 120,400 | 44.0 | 72.9 | 117,700 |
| 46.0 | 71.9 | 114,300 | 46.0 | 71.9 | 111,500 | 46.0 | 71.9 | 109,300 | 46.0 | 71.9 | 106,600 |
| 48.0 | 70.9 | 106,700 | 48.0 | 70.9 | 103,900 | 48.0 | 70.9 | 101,700 | 48.0 | 70.9 | 99,200 |
| 50.0 | 69.9 | 99,100 | 50.0 | 69.9 | 96,300 | 50.0 | 69.9 | 94,200 | 50.0 | 69.9 | 91,700 |
| 55.0 | 67.3 | 82,800 | 55.0 | 67.3 | 80,000 | 55.0 | 67.3 | 78,000 | 55.0 | 67.3 | 75,700 |
| 60.0 | 64.6 | 69,600 | 60.0 | 64.6 | 67,000 | 60.0 | 64.6 | 65,000 | 60.0 | 64.6 | 62,800 |
| 65.0 | 61.9 | 59,000 | 65.0 | 61.9 | 56,600 | 65.0 | 61.9 | 54,600 | 65.0 | 61.9 | 52,400 |
| 70.0 | 59.1 | 50,300 | 70.0 | 59.1 | 47,900 | 70.0 | 59.1 | 46,100 | 70.0 | 59.1 | 44,000 |
| 75.0 | 56.2 | 43,000 | 75.0 | 56.2 | 40,600 | 75.0 | 56.2 | 38,700 | 75.0 | 56.2 | 36,800 |
| 80.0 | 53.2 | 36,700 | 80.0 | 53.2 | 34,300 | 80.0 | 53.2 | 32,400 | 80.0 | 53.2 | 30,600 |
| 85.0 | 50.1 | 31,100 | 85.0 | 50.1 | 28,900 | 85.0 | 50.1 | 27,200 | 85.0 | 50.1 | 25,200 |
| 90.0 | 46.7 | 26,600 | 90.0 | 46.7 | 24,300 | 90.0 | 46.7 | 22,600 | 90.0 | 46.7 | 20,800 |
| 95.0 | 43.2 | 22,600 | 95.0 | 43.2 | 20,400 | 95.0 | 43.2 | 18,700 | 95.0 | 43.2 | 16,900 |
| Reeves | 8 | | Reeves | 8 | | Reeves | 8 | | Reeves | 8 | |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 120' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 150 ft Jib | | | 160 ft Jib | | | 170 ft Jib | | | 180 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 34.0 | 77.9 | 171,800 * | 34.0 | 77.9 | 169,900 * | 34.0 | 77.9 | 167,900 * | 34.0 | 77.9 | 164,700 * |
| 36.0 | 76.9 | 159,900 * | 36.0 | 76.9 | 158,000 * | 36.0 | 76.9 | 156,100 * | 36.0 | 76.9 | 152,900 * |
| 38.0 | 76.0 | 147,900 * | 38.0 | 76.0 | 146,100 * | 38.0 | 76.0 | 144,300 * | 38.0 | 76.0 | 141,200 * |
| 40.0 | 75.0 | 136,200 | 40.0 | 75.0 | 134,500 | 40.0 | 75.0 | 132,700 | 40.0 | 75.0 | 129,700 |
| 42.0 | 74.0 | 125,100 | 42.0 | 74.0 | 123,500 | 42.0 | 74.0 | 121,700 | 42.0 | 74.0 | 118,700 |
| 44.0 | 72.9 | 114,100 | 44.0 | 72.9 | 112,400 | 44.0 | 72.9 | 110,700 | 44.0 | 72.9 | 107,800 |
| 46.0 | 71.9 | 103,100 | 46.0 | 71.9 | 101,500 | 46.0 | 71.9 | 99,800 | 46.0 | 71.9 | 96,900 |
| 48.0 | 70.9 | 95,600 | 48.0 | 70.9 | 94,100 | 48.0 | 70.9 | 92,400 | 48.0 | 70.9 | 89,600 |
| 50.0 | 69.9 | 88,200 | 50.0 | 69.9 | 86,600 | 50.0 | 69.9 | 85,000 | 50.0 | 69.9 | 82,300 |
| 55.0 | 67.3 | 72,200 | 55.0 | 67.3 | 70,800 | 55.0 | 67.3 | 69,200 | 55.0 | 67.3 | 66,700 |
| 60.0 | 64.6 | 59,500 | 60.0 | 64.6 | 58,200 | 60.0 | 64.6 | 56,700 | 60.0 | 64.6 | 54,300 |
| 65.0 | 61.9 | 49,300 | 65.0 | 61.9 | 48,000 | 65.0 | 61.9 | 46,400 | 65.0 | 61.9 | 44,200 |
| 70.0 | 59.1 | 40,900 | 70.0 | 59.1 | 39,600 | 70.0 | 59.1 | 38,100 | 70.0 | 59.1 | 35,900 |
| 75.0 | 56.2 | 33,800 | 75.0 | 56.2 | 32,500 | 75.0 | 56.2 | 31,000 | 75.0 | 56.2 | 28,800 |
| 80.0 | 53.2 | 27,700 | 80.0 | 53.2 | 26,400 | 80.0 | 53.2 | 24,900 | 80.0 | 53.2 | 22,900 |
| 85.0 | 50.1 | 22,500 | 85.0 | 50.1 | 21,200 | 85.0 | 50.1 | 19,900 | 85.0 | 50.1 | 17,700 |
| 90.0 | 46.7 | 18,100 | 90.0 | 46.7 | 17,700 | 90.0 | 46.7 | 15,500 | | | |
| 95.0 | 43.2 | 14,400 | 95.0 | 43.2 | 14,400 | | | | | | |
| Reeves | | 8 | Reeves | | 6 | Reeves | | 6 | Reeves | | 6 |

| 120' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|--|--|--|--|--|--|
| 190 ft Jib | | | 200 ft Jib | | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | | | | |
| 34.0 | 77.9 | 160,100 * | 34.0 | 77.9 | 155,800 * | | | | | | |
| 36.0 | 76.9 | 148,500 * | 36.0 | 76.9 | 144,300 * | | | | | | |
| 38.0 | 76.0 | 136,900 * | 38.0 | 76.0 | 132,800 * | | | | | | |
| 40.0 | 75.0 | 125,500 | 40.0 | 75.0 | 121,600 | | | | | | |
| 42.0 | 74.0 | 114,600 | 42.0 | 74.0 | 110,800 | | | | | | |
| 44.0 | 72.9 | 103,700 | 44.0 | 72.9 | 100,100 | | | | | | |
| 46.0 | 71.9 | 93,000 | 46.0 | 71.9 | 89,400 | | | | | | |
| 48.0 | 70.9 | 85,800 | 48.0 | 70.9 | 82,200 | | | | | | |
| 50.0 | 69.9 | 78,600 | 50.0 | 69.9 | 75,100 | | | | | | |
| 55.0 | 67.3 | 63,100 | 55.0 | 67.3 | 59,700 | | | | | | |
| 60.0 | 64.6 | 50,800 | 60.0 | 64.6 | 47,500 | | | | | | |
| 65.0 | 61.9 | 40,900 | 65.0 | 61.9 | 37,700 | | | | | | |
| 70.0 | 59.1 | 32,700 | 70.0 | 59.1 | 29,800 | | | | | | |
| 75.0 | 56.2 | 25,800 | 75.0 | 56.2 | 22,900 | | | | | | |
| 80.0 | 53.2 | 19,800 | | | | | | | | | |
| 85.0 | 50.1 | 14,800 | | | | | | | | | |
| Reeves | | 6 | Reeves | | 6 | | | | | | |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 130' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 70 ft Jib | | | 80 ft Jib | | | 90 ft Jib | | | 100 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 34.0 | 78.9 | 184,400 * | 34.0 | 78.9 | 181,000 * | 34.0 | 78.9 | 177,800 * | 34.0 | 78.9 | 174,200 * |
| 36.0 | 78.0 | 175,800 * | 36.0 | 78.0 | 172,800 * | 36.0 | 78.0 | 169,600 * | 36.0 | 78.0 | 166,300 * |
| 38.0 | 77.1 | 167,200 * | 38.0 | 77.1 | 164,700 * | 38.0 | 77.1 | 161,400 * | 38.0 | 77.1 | 158,400 * |
| 40.0 | 76.2 | 157,900 | 40.0 | 76.2 | 155,700 | 40.0 | 76.2 | 152,400 | 40.0 | 76.2 | 149,600 |
| 42.0 | 75.2 | 147,100 | 42.0 | 75.2 | 144,900 | 42.0 | 75.2 | 141,700 | 42.0 | 75.2 | 138,900 |
| 44.0 | 74.3 | 136,300 | 44.0 | 74.3 | 134,100 | 44.0 | 74.3 | 130,900 | 44.0 | 74.3 | 128,200 |
| 46.0 | 73.4 | 125,600 | 46.0 | 73.4 | 123,400 | 46.0 | 73.4 | 120,300 | 46.0 | 73.4 | 117,600 |
| 48.0 | 72.5 | 117,700 | 48.0 | 72.5 | 115,600 | 48.0 | 72.5 | 112,500 | 48.0 | 72.5 | 110,000 |
| 50.0 | 71.5 | 109,800 | 50.0 | 71.5 | 107,800 | 50.0 | 71.5 | 104,800 | 50.0 | 71.5 | 102,300 |
| 55.0 | 69.1 | 93,000 | 55.0 | 69.1 | 91,000 | 55.0 | 69.1 | 88,200 | 55.0 | 69.1 | 85,900 |
| 60.0 | 66.7 | 79,600 | 60.0 | 66.7 | 77,500 | 60.0 | 66.7 | 74,900 | 60.0 | 66.7 | 72,700 |
| 65.0 | 64.3 | 68,600 | 65.0 | 64.3 | 66,800 | 65.0 | 64.3 | 64,100 | 65.0 | 64.3 | 61,900 |
| 70.0 | 61.8 | 59,700 | 70.0 | 61.8 | 57,800 | 70.0 | 61.8 | 55,300 | 70.0 | 61.8 | 53,200 |
| 75.0 | 59.2 | 52,000 | 75.0 | 59.2 | 50,100 | 75.0 | 59.2 | 47,700 | 75.0 | 59.2 | 45,700 |
| 80.0 | 56.5 | 45,200 | 80.0 | 56.5 | 43,500 | 80.0 | 56.5 | 41,100 | 80.0 | 56.5 | 39,100 |
| 85.0 | 53.8 | 39,500 | 85.0 | 53.8 | 37,800 | 85.0 | 53.8 | 35,300 | 85.0 | 53.8 | 33,400 |
| 90.0 | 50.9 | 34,800 | 90.0 | 50.9 | 33,000 | 90.0 | 50.9 | 30,700 | 90.0 | 50.9 | 28,800 |
| 95.0 | 47.9 | 30,600 | 95.0 | 47.9 | 28,800 | 95.0 | 47.9 | 26,600 | 95.0 | 47.9 | 24,600 |
| 100.0 | 44.7 | 26,800 | 100.0 | 44.7 | 25,100 | 100.0 | 44.7 | 22,900 | 100.0 | 44.7 | 21,000 |
| Reeves | | 8 | Reeves | | 8 | Reeves | | 8 | Reeves | | 8 |
| 130' Boom | | | | | | | | | | | |
| 110 ft Jib | | | 120 ft Jib | | | 130 ft Jib | | | 140 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 34.0 | 78.9 | 171,300 * | 34.0 | 78.9 | 168,900 * | 34.0 | 78.9 | 165,200 * | 34.0 | 78.9 | 161,300 * |
| 36.0 | 78.0 | 163,100 * | 36.0 | 78.0 | 160,900 * | 36.0 | 78.0 | 157,400 * | 36.0 | 78.0 | 153,800 * |
| 38.0 | 77.1 | 155,000 * | 38.0 | 77.1 | 152,900 * | 38.0 | 77.1 | 149,500 * | 38.0 | 77.1 | 146,400 * |
| 40.0 | 76.2 | 146,100 | 40.0 | 76.2 | 144,100 | 40.0 | 76.2 | 140,800 | 40.0 | 76.2 | 138,000 |
| 42.0 | 75.2 | 135,500 | 42.0 | 75.2 | 133,600 | 42.0 | 75.2 | 130,300 | 42.0 | 75.2 | 127,700 |
| 44.0 | 74.3 | 125,000 | 44.0 | 74.3 | 123,000 | 44.0 | 74.3 | 119,900 | 44.0 | 74.3 | 117,300 |
| 46.0 | 73.4 | 114,500 | 46.0 | 73.4 | 112,600 | 46.0 | 73.4 | 109,500 | 46.0 | 73.4 | 107,100 |
| 48.0 | 72.5 | 106,900 | 48.0 | 72.5 | 105,000 | 48.0 | 72.5 | 102,000 | 48.0 | 72.5 | 99,500 |
| 50.0 | 71.5 | 99,200 | 50.0 | 71.5 | 97,400 | 50.0 | 71.5 | 94,400 | 50.0 | 71.5 | 92,000 |
| 55.0 | 69.1 | 82,900 | 55.0 | 69.1 | 81,100 | 55.0 | 69.1 | 78,200 | 55.0 | 69.1 | 75,900 |
| 60.0 | 66.7 | 69,800 | 60.0 | 66.7 | 68,100 | 60.0 | 66.7 | 65,200 | 60.0 | 66.7 | 63,000 |
| 65.0 | 64.3 | 59,000 | 65.0 | 64.3 | 57,500 | 65.0 | 64.3 | 54,800 | 65.0 | 64.3 | 52,800 |
| 70.0 | 61.8 | 50,500 | 70.0 | 61.8 | 49,000 | 70.0 | 61.8 | 46,300 | 70.0 | 61.8 | 44,300 |
| 75.0 | 59.2 | 43,100 | 75.0 | 59.2 | 41,600 | 75.0 | 59.2 | 38,900 | 75.0 | 59.2 | 37,000 |
| 80.0 | 56.5 | 36,700 | 80.0 | 56.5 | 35,100 | 80.0 | 56.5 | 32,500 | 80.0 | 56.5 | 30,700 |
| 85.0 | 53.8 | 30,900 | 85.0 | 53.8 | 29,400 | 85.0 | 53.8 | 27,000 | 85.0 | 53.8 | 25,200 |
| 90.0 | 50.9 | 26,500 | 90.0 | 50.9 | 24,900 | 90.0 | 50.9 | 22,500 | 90.0 | 50.9 | 20,800 |
| 95.0 | 47.9 | 22,400 | 95.0 | 47.9 | 20,900 | 95.0 | 47.9 | 18,600 | 95.0 | 47.9 | 16,800 |
| 100.0 | 44.7 | 18,800 | 100.0 | 44.7 | 17,200 | 100.0 | 44.7 | 15,000 | | | |
| Reeves | | 6 | Reeves | | 6 | Reeves | | 6 | Reeves | | 6 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 130' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 150 ft Jib | | | 160 ft Jib | | | 170 ft Jib | | | 180 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 34.0 | 78.9 | 159,900 * | 34.0 | 78.9 | 155,800 * | 34.0 | 78.9 | 152,200 * | 34.0 | 78.9 | 148,400 * |
| 36.0 | 78.0 | 151,600 * | 36.0 | 78.0 | 148,300 * | 36.0 | 78.0 | 145,400 * | 36.0 | 78.0 | 142,000 * |
| 38.0 | 77.1 | 143,200 * | 38.0 | 77.1 | 140,900 * | 38.0 | 77.1 | 138,600 * | 38.0 | 77.1 | 135,500 * |
| 40.0 | 76.2 | 134,300 | 40.0 | 76.2 | 132,500 | 40.0 | 76.2 | 130,800 | 40.0 | 76.2 | 127,900 |
| 42.0 | 75.2 | 123,900 | 42.0 | 75.2 | 122,200 | 42.0 | 75.2 | 120,600 | 42.0 | 75.2 | 117,800 |
| 44.0 | 74.3 | 113,600 | 44.0 | 74.3 | 112,000 | 44.0 | 74.3 | 110,300 | 44.0 | 74.3 | 107,600 |
| 46.0 | 73.4 | 103,300 | 46.0 | 73.4 | 101,800 | 46.0 | 73.4 | 100,200 | 46.0 | 73.4 | 97,600 |
| 48.0 | 72.5 | 95,900 | 48.0 | 72.5 | 94,400 | 48.0 | 72.5 | 92,800 | 48.0 | 72.5 | 90,300 |
| 50.0 | 71.5 | 88,500 | 50.0 | 71.5 | 87,000 | 50.0 | 71.5 | 85,400 | 50.0 | 71.5 | 82,900 |
| 55.0 | 69.1 | 72,700 | 55.0 | 69.1 | 71,200 | 55.0 | 69.1 | 69,700 | 55.0 | 69.1 | 67,200 |
| 60.0 | 66.7 | 60,000 | 60.0 | 66.7 | 58,600 | 60.0 | 66.7 | 57,100 | 60.0 | 66.7 | 54,700 |
| 65.0 | 64.3 | 49,700 | 65.0 | 64.3 | 48,400 | 65.0 | 64.3 | 46,800 | 65.0 | 64.3 | 44,600 |
| 70.0 | 61.8 | 41,400 | 70.0 | 61.8 | 40,100 | 70.0 | 61.8 | 38,500 | 70.0 | 61.8 | 36,500 |
| 75.0 | 59.2 | 34,200 | 75.0 | 59.2 | 32,800 | 75.0 | 59.2 | 31,400 | 75.0 | 59.2 | 29,400 |
| 80.0 | 56.5 | 27,900 | 80.0 | 56.5 | 26,600 | 80.0 | 56.5 | 25,300 | 80.0 | 56.5 | 23,300 |
| 85.0 | 53.8 | 22,500 | 85.0 | 53.8 | 21,200 | 85.0 | 53.8 | 19,900 | 85.0 | 53.8 | 17,900 |
| 90.0 | 50.9 | 18,100 | 90.0 | 50.9 | 16,900 | 90.0 | 50.9 | 15,600 | 90.0 | 50.9 | 13,600 |
| 95.0 | 47.9 | 14,300 | 95.0 | 47.9 | 13,700 | | | | | | |
| Reeves | | 6 | Reeves | | 6 | Reeves | | 6 | Reeves | | 6 |

| 130' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|--|--|--|--|--|--|
| 190 ft Jib | | | 200 ft Jib | | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | | | | |
| 34.0 | 78.9 | 144,100 * | 34.0 | 78.9 | 139,600 * | | | | | | |
| 36.0 | 78.0 | 137,700 * | 36.0 | 78.0 | 133,400 * | | | | | | |
| 38.0 | 77.1 | 131,300 * | 38.0 | 77.1 | 127,200 * | | | | | | |
| 40.0 | 76.2 | 123,800 | 40.0 | 76.2 | 119,800 | | | | | | |
| 42.0 | 75.2 | 113,700 | 42.0 | 75.2 | 109,900 | | | | | | |
| 44.0 | 74.3 | 103,600 | 44.0 | 74.3 | 99,900 | | | | | | |
| 46.0 | 73.4 | 93,600 | 46.0 | 73.4 | 90,100 | | | | | | |
| 48.0 | 72.5 | 86,400 | 48.0 | 72.5 | 83,000 | | | | | | |
| 50.0 | 71.5 | 79,200 | 50.0 | 71.5 | 75,800 | | | | | | |
| 55.0 | 69.1 | 63,800 | 55.0 | 69.1 | 60,600 | | | | | | |
| 60.0 | 66.7 | 51,400 | 60.0 | 66.7 | 48,300 | | | | | | |
| 65.0 | 64.3 | 41,300 | 65.0 | 64.3 | 38,400 | | | | | | |
| 70.0 | 61.8 | 33,300 | 70.0 | 61.8 | 30,400 | | | | | | |
| 75.0 | 59.2 | 26,300 | 75.0 | 59.2 | 23,600 | | | | | | |
| 80.0 | 56.5 | 20,200 | | | | | | | | | |
| 85.0 | 53.8 | 15,000 | | | | | | | | | |
| Reeves | | 6 | Reeves | | 6 | | | | | | |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 140' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 70 ft Jib | | | 80 ft Jib | | | 90 ft Jib | | | 100 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 40.0 | 77.2 | 154,800 | 40.0 | 77.2 | 151,700 | 40.0 | 77.2 | 148,600 | 40.0 | 77.2 | 145,800 |
| 42.0 | 76.3 | 145,200 | 42.0 | 76.3 | 142,200 | 42.0 | 76.3 | 139,200 | 42.0 | 76.3 | 136,400 |
| 44.0 | 75.5 | 135,600 | 44.0 | 75.5 | 132,600 | 44.0 | 75.5 | 129,700 | 44.0 | 75.5 | 127,000 |
| 46.0 | 74.6 | 126,000 | 46.0 | 74.6 | 123,100 | 46.0 | 74.6 | 120,300 | 46.0 | 74.6 | 117,600 |
| 48.0 | 73.8 | 118,200 | 48.0 | 73.8 | 115,300 | 48.0 | 73.8 | 112,500 | 48.0 | 73.8 | 110,000 |
| 50.0 | 72.9 | 110,400 | 50.0 | 72.9 | 107,600 | 50.0 | 72.9 | 104,800 | 50.0 | 72.9 | 102,300 |
| 55.0 | 70.7 | 93,500 | 55.0 | 70.7 | 90,800 | 55.0 | 70.7 | 88,200 | 55.0 | 70.7 | 85,800 |
| 60.0 | 68.5 | 79,900 | 60.0 | 68.5 | 77,400 | 60.0 | 68.5 | 74,800 | 60.0 | 68.5 | 72,400 |
| 65.0 | 66.3 | 68,800 | 65.0 | 66.3 | 66,400 | 65.0 | 66.3 | 63,900 | 65.0 | 66.3 | 61,700 |
| 70.0 | 64.0 | 59,600 | 70.0 | 64.0 | 57,300 | 70.0 | 64.0 | 54,900 | 70.0 | 64.0 | 52,700 |
| 75.0 | 61.6 | 51,800 | 75.0 | 61.6 | 49,500 | 75.0 | 61.6 | 47,200 | 75.0 | 61.6 | 45,100 |
| 80.0 | 59.2 | 45,200 | 80.0 | 59.2 | 42,900 | 80.0 | 59.2 | 40,700 | 80.0 | 59.2 | 38,700 |
| 85.0 | 56.8 | 39,500 | 85.0 | 56.8 | 37,300 | 85.0 | 56.8 | 35,100 | 85.0 | 56.8 | 33,100 |
| 90.0 | 54.2 | 34,600 | 90.0 | 54.2 | 32,400 | 90.0 | 54.2 | 30,200 | 90.0 | 54.2 | 28,400 |
| 95.0 | 51.6 | 30,300 | 95.0 | 51.6 | 28,200 | 95.0 | 51.6 | 26,000 | 95.0 | 51.6 | 24,200 |
| 100.0 | 48.9 | 26,400 | 100.0 | 48.9 | 24,500 | 100.0 | 48.9 | 22,300 | 100.0 | 48.9 | 20,500 |
| 110.0 | 43.0 | 20,100 | 110.0 | 43.0 | 18,100 | 110.0 | 43.0 | 16,100 | 110.0 | 43.0 | 14,300 |
| Reeves | | 6 | Reeves | | 6 | Reeves | | 6 | Reeves | | 6 |

| 140' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 110 ft Jib | | | 120 ft Jib | | | 130 ft Jib | | | 140 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 40.0 | 77.2 | 143,600 | 40.0 | 77.2 | 140,500 | 40.0 | 77.2 | 137,000 | 40.0 | 77.2 | 134,400 |
| 42.0 | 76.3 | 134,300 | 42.0 | 76.3 | 131,300 | 42.0 | 76.3 | 127,800 | 42.0 | 76.3 | 125,300 |
| 44.0 | 75.5 | 124,900 | 44.0 | 75.5 | 122,000 | 44.0 | 75.5 | 118,600 | 44.0 | 75.5 | 116,100 |
| 46.0 | 74.6 | 115,600 | 46.0 | 74.6 | 112,800 | 46.0 | 74.6 | 109,500 | 46.0 | 74.6 | 107,100 |
| 48.0 | 73.8 | 108,000 | 48.0 | 73.8 | 105,200 | 48.0 | 73.8 | 102,000 | 48.0 | 73.8 | 99,600 |
| 50.0 | 72.9 | 100,300 | 50.0 | 72.9 | 97,600 | 50.0 | 72.9 | 94,400 | 50.0 | 72.9 | 92,100 |
| 55.0 | 70.7 | 83,900 | 55.0 | 70.7 | 81,300 | 55.0 | 70.7 | 78,300 | 55.0 | 70.7 | 76,100 |
| 60.0 | 68.5 | 70,600 | 60.0 | 68.5 | 68,200 | 60.0 | 68.5 | 65,400 | 60.0 | 68.5 | 63,200 |
| 65.0 | 66.3 | 59,700 | 65.0 | 66.3 | 57,300 | 65.0 | 66.3 | 54,600 | 65.0 | 66.3 | 52,600 |
| 70.0 | 64.0 | 50,900 | 70.0 | 64.0 | 48,600 | 70.0 | 64.0 | 45,900 | 70.0 | 64.0 | 44,000 |
| 75.0 | 61.6 | 43,300 | 75.0 | 61.6 | 41,100 | 75.0 | 61.6 | 38,500 | 75.0 | 61.6 | 36,600 |
| 80.0 | 59.2 | 36,900 | 80.0 | 59.2 | 34,700 | 80.0 | 59.2 | 32,100 | 80.0 | 59.2 | 30,300 |
| 85.0 | 56.8 | 31,400 | 85.0 | 56.8 | 29,200 | 85.0 | 56.8 | 26,700 | 85.0 | 56.8 | 25,000 |
| 90.0 | 54.2 | 26,600 | 90.0 | 54.2 | 24,600 | 90.0 | 54.2 | 22,100 | 90.0 | 54.2 | 20,400 |
| 95.0 | 51.6 | 22,400 | 95.0 | 51.6 | 20,500 | 95.0 | 51.6 | 18,100 | 95.0 | 51.6 | 16,400 |
| 100.0 | 48.9 | 18,800 | 100.0 | 48.9 | 16,800 | 100.0 | 48.9 | 14,600 | | | |
| 110.0 | 43.0 | 12,700 | | | | | | | | | |
| Reeves | | 6 | Reeves | | 6 | Reeves | | 6 | Reeves | | 6 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 140' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 150 ft Jib | | | 160 ft Jib | | | 170 ft Jib | | | 180 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 40.0 | 77.2 | 130,700 | 40.0 | 77.2 | 129,200 | 40.0 | 77.2 | 127,400 | 40.0 | 77.2 | 124,400 |
| 42.0 | 76.3 | 121,600 | 42.0 | 76.3 | 120,200 | 42.0 | 76.3 | 118,500 | 42.0 | 76.3 | 115,500 |
| 44.0 | 75.5 | 112,500 | 44.0 | 75.5 | 111,200 | 44.0 | 75.5 | 109,600 | 44.0 | 75.5 | 106,600 |
| 46.0 | 74.6 | 103,500 | 46.0 | 74.6 | 102,200 | 46.0 | 74.6 | 100,700 | 46.0 | 74.6 | 97,800 |
| 48.0 | 73.8 | 96,100 | 48.0 | 73.8 | 94,800 | 48.0 | 73.8 | 93,300 | 48.0 | 73.8 | 90,500 |
| 50.0 | 72.9 | 88,800 | 50.0 | 72.9 | 87,400 | 50.0 | 72.9 | 85,900 | 50.0 | 72.9 | 83,300 |
| 55.0 | 70.7 | 72,900 | 55.0 | 70.7 | 71,600 | 55.0 | 70.7 | 70,100 | 55.0 | 70.7 | 67,700 |
| 60.0 | 68.5 | 60,200 | 60.0 | 68.5 | 58,800 | 60.0 | 68.5 | 57,500 | 60.0 | 68.5 | 55,100 |
| 65.0 | 66.3 | 49,700 | 65.0 | 66.3 | 48,400 | 65.0 | 66.3 | 47,100 | 65.0 | 66.3 | 44,900 |
| 70.0 | 64.0 | 41,100 | 70.0 | 64.0 | 39,900 | 70.0 | 64.0 | 38,600 | 70.0 | 64.0 | 36,400 |
| 75.0 | 61.6 | 33,800 | 75.0 | 61.6 | 32,600 | 75.0 | 61.6 | 31,300 | 75.0 | 61.6 | 29,200 |
| 80.0 | 59.2 | 27,700 | 80.0 | 59.2 | 26,400 | 80.0 | 59.2 | 25,100 | 80.0 | 59.2 | 23,100 |
| 85.0 | 56.8 | 22,300 | 85.0 | 56.8 | 21,200 | 85.0 | 56.8 | 19,900 | 85.0 | 56.8 | 17,900 |
| 90.0 | 54.2 | 17,900 | 90.0 | 54.2 | 16,800 | 90.0 | 54.2 | 15,500 | 90.0 | 54.2 | 13,500 |
| 95.0 | 51.6 | 13,900 | 95.0 | 51.6 | 13,400 | | | | | | |
| Reeves | | 6 | Reeves | | 6 | Reeves | | 6 | Reeves | | 6 |

| 140' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|--|--|--|--|--|--|
| 190 ft Jib | | | 200 ft Jib | | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | | | | |
| 40.0 | 77.2 | 120,400 | 40.0 | 77.2 | 116,700 | | | | | | |
| 42.0 | 76.3 | 111,700 | 42.0 | 76.3 | 108,000 | | | | | | |
| 44.0 | 75.5 | 103,000 | 44.0 | 75.5 | 99,400 | | | | | | |
| 46.0 | 74.6 | 94,300 | 46.0 | 74.6 | 90,800 | | | | | | |
| 48.0 | 73.8 | 87,000 | 48.0 | 73.8 | 83,600 | | | | | | |
| 50.0 | 72.9 | 79,800 | 50.0 | 72.9 | 76,400 | | | | | | |
| 55.0 | 70.7 | 64,200 | 55.0 | 70.7 | 61,000 | | | | | | |
| 60.0 | 68.5 | 51,800 | 60.0 | 68.5 | 48,800 | | | | | | |
| 65.0 | 66.3 | 41,600 | 65.0 | 66.3 | 38,700 | | | | | | |
| 70.0 | 64.0 | 33,400 | 70.0 | 64.0 | 30,500 | | | | | | |
| 75.0 | 61.6 | 26,300 | 75.0 | 61.6 | 23,600 | | | | | | |
| 80.0 | 59.2 | 20,300 | | | | | | | | | |
| 85.0 | 56.8 | 15,200 | | | | | | | | | |
| Reeves | | 6 | Reeves | | 6 | | | | | | |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 150' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 70 ft Jib | | | 80 ft Jib | | | 90 ft Jib | | | 100 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 40.0 | 78.0 | 142,600 | 40.0 | 78.0 | 139,700 | 40.0 | 78.0 | 137,900 | 40.0 | 78.0 | 134,900 |
| 42.0 | 77.3 | 137,100 | 42.0 | 77.3 | 134,200 | 42.0 | 77.3 | 132,000 | 42.0 | 77.3 | 129,600 |
| 44.0 | 76.5 | 131,600 | 44.0 | 76.5 | 128,700 | 44.0 | 76.5 | 126,200 | 44.0 | 76.5 | 124,200 |
| 46.0 | 75.7 | 126,000 | 46.0 | 75.7 | 123,100 | 46.0 | 75.7 | 120,300 | 46.0 | 75.7 | 118,700 |
| 48.0 | 74.9 | 118,100 | 48.0 | 74.9 | 115,300 | 48.0 | 74.9 | 112,500 | 48.0 | 74.9 | 111,000 |
| 50.0 | 74.1 | 110,300 | 50.0 | 74.1 | 107,600 | 50.0 | 74.1 | 104,800 | 50.0 | 74.1 | 103,300 |
| 55.0 | 72.1 | 93,400 | 55.0 | 72.1 | 90,800 | 55.0 | 72.1 | 88,200 | 55.0 | 72.1 | 86,700 |
| 60.0 | 70.0 | 79,800 | 60.0 | 70.0 | 77,200 | 60.0 | 70.0 | 74,800 | 60.0 | 70.0 | 73,300 |
| 65.0 | 68.0 | 68,600 | 65.0 | 68.0 | 66,100 | 65.0 | 68.0 | 63,700 | 65.0 | 68.0 | 62,400 |
| 70.0 | 65.8 | 59,500 | 70.0 | 65.8 | 57,100 | 70.0 | 65.8 | 54,800 | 70.0 | 65.8 | 53,400 |
| 75.0 | 63.7 | 51,700 | 75.0 | 63.7 | 49,400 | 75.0 | 63.7 | 47,100 | 75.0 | 63.7 | 45,800 |
| 80.0 | 61.5 | 45,000 | 80.0 | 61.5 | 42,800 | 80.0 | 61.5 | 40,400 | 80.0 | 61.5 | 39,300 |
| 85.0 | 59.3 | 39,300 | 85.0 | 59.3 | 37,100 | 85.0 | 59.3 | 34,900 | 85.0 | 59.3 | 33,600 |
| 90.0 | 57.0 | 34,400 | 90.0 | 57.0 | 32,300 | 90.0 | 57.0 | 30,100 | 90.0 | 57.0 | 28,800 |
| 95.0 | 54.6 | 30,000 | 95.0 | 54.6 | 28,100 | 95.0 | 54.6 | 25,900 | 95.0 | 54.6 | 24,600 |
| 100.0 | 52.2 | 26,200 | 100.0 | 52.2 | 24,200 | 100.0 | 52.2 | 22,100 | 100.0 | 52.2 | 20,900 |
| 110.0 | 47.1 | 19,800 | 110.0 | 47.1 | 17,900 | 110.0 | 47.1 | 15,900 | 110.0 | 47.1 | 14,700 |
| Reeves | | 6 | Reeves | | 6 | Reeves | | 6 | Reeves | | 6 |

| 150' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 110 ft Jib | | | 120 ft Jib | | | 130 ft Jib | | | 140 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 40.0 | 78.0 | 132,500 | 40.0 | 78.0 | 129,000 | 40.0 | 78.0 | 125,700 | 40.0 | 78.0 | 122,700 |
| 42.0 | 77.3 | 126,900 | 42.0 | 77.3 | 123,600 | 42.0 | 77.3 | 120,400 | 42.0 | 77.3 | 117,600 |
| 44.0 | 76.5 | 121,300 | 44.0 | 76.5 | 118,200 | 44.0 | 76.5 | 115,100 | 44.0 | 76.5 | 112,500 |
| 46.0 | 75.7 | 115,600 | 46.0 | 75.7 | 112,800 | 46.0 | 75.7 | 109,700 | 46.0 | 75.7 | 107,300 |
| 48.0 | 74.9 | 108,000 | 48.0 | 74.9 | 105,200 | 48.0 | 74.9 | 102,200 | 48.0 | 74.9 | 99,800 |
| 50.0 | 74.1 | 100,300 | 50.0 | 74.1 | 97,600 | 50.0 | 74.1 | 94,700 | 50.0 | 74.1 | 92,400 |
| 55.0 | 72.1 | 83,900 | 55.0 | 72.1 | 81,300 | 55.0 | 72.1 | 78,400 | 55.0 | 72.1 | 76,300 |
| 60.0 | 70.0 | 70,600 | 60.0 | 70.0 | 68,200 | 60.0 | 70.0 | 65,400 | 60.0 | 70.0 | 63,400 |
| 65.0 | 68.0 | 59,700 | 65.0 | 68.0 | 57,500 | 65.0 | 68.0 | 54,800 | 65.0 | 68.0 | 52,800 |
| 70.0 | 65.8 | 50,900 | 70.0 | 65.8 | 48,700 | 70.0 | 65.8 | 46,200 | 70.0 | 65.8 | 44,200 |
| 75.0 | 63.7 | 43,300 | 75.0 | 63.7 | 41,100 | 75.0 | 63.7 | 38,700 | 75.0 | 63.7 | 36,800 |
| 80.0 | 61.5 | 36,900 | 80.0 | 61.5 | 34,700 | 80.0 | 61.5 | 32,300 | 80.0 | 61.5 | 30,600 |
| 85.0 | 59.3 | 31,400 | 85.0 | 59.3 | 29,200 | 85.0 | 59.3 | 27,000 | 85.0 | 59.3 | 25,200 |
| 90.0 | 57.0 | 26,600 | 90.0 | 57.0 | 24,600 | 90.0 | 57.0 | 22,200 | 90.0 | 57.0 | 20,600 |
| 95.0 | 54.6 | 22,400 | 95.0 | 54.6 | 20,500 | 95.0 | 54.6 | 18,100 | 95.0 | 54.6 | 16,500 |
| 100.0 | 52.2 | 18,700 | 100.0 | 52.2 | 16,800 | 100.0 | 52.2 | 14,600 | | | |
| 110.0 | 47.1 | 12,500 | | | | | | | | | |
| Reeves | | 6 | Reeves | | 6 | Reeves | | 6 | Reeves | | 6 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 150' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 150 ft Jib | | | 160 ft Jib | | | 170 ft Jib | | | 180 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 40.0 | 78.0 | 121,100 | 40.0 | 78.0 | 117,600 | 40.0 | 78.0 | 115,700 | 40.0 | 78.0 | 112,800 |
| 42.0 | 77.3 | 115,400 | 42.0 | 77.3 | 112,600 | 42.0 | 77.3 | 110,800 | 42.0 | 77.3 | 108,000 |
| 44.0 | 76.5 | 109,600 | 44.0 | 76.5 | 107,600 | 44.0 | 76.5 | 105,900 | 44.0 | 76.5 | 103,200 |
| 46.0 | 75.7 | 103,800 | 46.0 | 75.7 | 102,400 | 46.0 | 75.7 | 100,900 | 46.0 | 75.7 | 98,200 |
| 48.0 | 74.9 | 96,400 | 48.0 | 74.9 | 95,000 | 48.0 | 74.9 | 93,600 | 48.0 | 74.9 | 91,000 |
| 50.0 | 74.1 | 89,000 | 50.0 | 74.1 | 87,600 | 50.0 | 74.1 | 86,200 | 50.0 | 74.1 | 83,700 |
| 55.0 | 72.1 | 73,100 | 55.0 | 72.1 | 71,800 | 55.0 | 72.1 | 70,500 | 55.0 | 72.1 | 68,100 |
| 60.0 | 70.0 | 60,400 | 60.0 | 70.0 | 59,000 | 60.0 | 70.0 | 57,700 | 60.0 | 70.0 | 55,500 |
| 65.0 | 68.0 | 50,000 | 65.0 | 68.0 | 48,600 | 65.0 | 68.0 | 47,300 | 65.0 | 68.0 | 45,100 |
| 70.0 | 65.8 | 41,300 | 70.0 | 65.8 | 40,100 | 70.0 | 65.8 | 38,800 | 70.0 | 65.8 | 36,800 |
| 75.0 | 63.7 | 34,000 | 75.0 | 63.7 | 32,800 | 75.0 | 63.7 | 31,600 | 75.0 | 63.7 | 29,600 |
| 80.0 | 61.5 | 27,700 | 80.0 | 61.5 | 26,600 | 80.0 | 61.5 | 25,500 | 80.0 | 61.5 | 23,500 |
| 85.0 | 59.3 | 22,500 | 85.0 | 59.3 | 21,400 | 85.0 | 59.3 | 20,100 | 85.0 | 59.3 | 18,300 |
| 90.0 | 57.0 | 18,000 | 90.0 | 57.0 | 16,900 | 90.0 | 57.0 | 15,700 | 90.0 | 57.0 | 13,800 |
| 95.0 | 54.6 | 13,900 | 95.0 | 54.6 | 13,400 | | | | | | |
| Reeves | | 6 | Reeves | | 6 | Reeves | | 4 | Reeves | | 4 |

| 150' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|--|--|--|--|--|--|
| 190 ft Jib | | | 200 ft Jib | | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | | | | |
| 40.0 | 78.0 | 108,900 | 40.0 | 78.0 | 105,200 | | | | | | |
| 42.0 | 77.3 | 104,200 | 42.0 | 77.3 | 100,600 | | | | | | |
| 44.0 | 76.5 | 99,500 | 44.0 | 76.5 | 95,900 | | | | | | |
| 46.0 | 75.7 | 94,700 | 46.0 | 75.7 | 91,200 | | | | | | |
| 48.0 | 74.9 | 87,500 | 48.0 | 74.9 | 84,100 | | | | | | |
| 50.0 | 74.1 | 80,200 | 50.0 | 74.1 | 77,000 | | | | | | |
| 55.0 | 72.1 | 64,700 | 55.0 | 72.1 | 61,600 | | | | | | |
| 60.0 | 70.0 | 52,200 | 60.0 | 70.0 | 49,200 | | | | | | |
| 65.0 | 68.0 | 42,000 | 65.0 | 68.0 | 39,100 | | | | | | |
| 70.0 | 65.8 | 33,700 | 70.0 | 65.8 | 30,900 | | | | | | |
| 75.0 | 63.7 | 26,600 | 75.0 | 63.7 | 24,000 | | | | | | |
| 80.0 | 61.5 | 20,700 | | | | | | | | | |
| 85.0 | 59.3 | 15,500 | | | | | | | | | |
| Reeves | | 4 | Reeves | | 4 | | | | | | |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 160' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 70 ft Jib | | | 80 ft Jib | | | 90 ft Jib | | | 100 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 40.0 | 78.8 | 142,100 | 40.0 | 78.8 | 139,800 | 40.0 | 78.8 | 137,200 | 40.0 | 78.8 | 134,000 |
| 42.0 | 78.1 | 135,600 | 42.0 | 78.1 | 133,200 | 42.0 | 78.1 | 130,800 | 42.0 | 78.1 | 127,800 |
| 44.0 | 77.3 | 129,200 | 44.0 | 77.3 | 126,500 | 44.0 | 77.3 | 124,300 | 44.0 | 77.3 | 121,700 |
| 46.0 | 76.6 | 122,700 | 46.0 | 76.6 | 119,900 | 46.0 | 76.6 | 117,900 | 46.0 | 76.6 | 115,500 |
| 48.0 | 75.8 | 115,800 | 48.0 | 75.8 | 113,000 | 48.0 | 75.8 | 111,100 | 48.0 | 75.8 | 108,700 |
| 50.0 | 75.1 | 108,900 | 50.0 | 75.1 | 106,200 | 50.0 | 75.1 | 104,300 | 50.0 | 75.1 | 101,900 |
| 55.0 | 73.2 | 93,200 | 55.0 | 73.2 | 90,500 | 55.0 | 73.2 | 88,900 | 55.0 | 73.2 | 86,500 |
| 60.0 | 71.3 | 79,600 | 60.0 | 71.3 | 77,000 | 60.0 | 71.3 | 75,500 | 60.0 | 71.3 | 73,300 |
| 65.0 | 69.4 | 68,400 | 65.0 | 69.4 | 66,100 | 65.0 | 69.4 | 64,400 | 65.0 | 69.4 | 62,400 |
| 70.0 | 67.5 | 59,300 | 70.0 | 67.5 | 57,000 | 70.0 | 67.5 | 55,300 | 70.0 | 67.5 | 53,400 |
| 75.0 | 65.5 | 51,500 | 75.0 | 65.5 | 49,200 | 75.0 | 65.5 | 47,700 | 75.0 | 65.5 | 45,700 |
| 80.0 | 63.5 | 44,800 | 80.0 | 63.5 | 42,600 | 80.0 | 63.5 | 41,100 | 80.0 | 63.5 | 39,100 |
| 85.0 | 61.4 | 39,100 | 85.0 | 61.4 | 36,900 | 85.0 | 61.4 | 35,300 | 85.0 | 61.4 | 33,600 |
| 90.0 | 59.3 | 34,200 | 90.0 | 59.3 | 32,000 | 90.0 | 59.3 | 30,600 | 90.0 | 59.3 | 28,700 |
| 95.0 | 57.2 | 29,800 | 95.0 | 57.2 | 27,700 | 95.0 | 57.2 | 26,300 | 95.0 | 57.2 | 24,400 |
| 100.0 | 55.0 | 26,000 | 100.0 | 55.0 | 24,000 | 100.0 | 55.0 | 22,400 | 100.0 | 55.0 | 20,700 |
| 110.0 | 50.4 | 19,400 | 110.0 | 50.4 | 17,400 | 110.0 | 50.4 | 15,900 | 110.0 | 50.4 | 14,300 |
| 120.0 | 45.4 | 14,300 | | | | | | | | | |
| Reeves | | 6 | Reeves | | 6 | Reeves | | 6 | Reeves | | 6 |

| 160' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 110 ft Jib | | | 120 ft Jib | | | 130 ft Jib | | | 140 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 40.0 | 78.8 | 132,000 | 40.0 | 78.8 | 128,500 | 40.0 | 78.8 | 125,400 | 40.0 | 78.8 | 121,800 |
| 42.0 | 78.1 | 125,500 | 42.0 | 78.1 | 122,200 | 42.0 | 78.1 | 119,200 | 42.0 | 78.1 | 115,900 |
| 44.0 | 77.3 | 119,100 | 44.0 | 77.3 | 116,000 | 44.0 | 77.3 | 112,900 | 44.0 | 77.3 | 110,100 |
| 46.0 | 76.6 | 112,600 | 46.0 | 76.6 | 109,700 | 46.0 | 76.6 | 106,600 | 46.0 | 76.6 | 104,200 |
| 48.0 | 75.8 | 105,900 | 48.0 | 75.8 | 103,100 | 48.0 | 75.8 | 100,100 | 48.0 | 75.8 | 97,700 |
| 50.0 | 75.1 | 99,200 | 50.0 | 75.1 | 96,400 | 50.0 | 75.1 | 93,500 | 50.0 | 75.1 | 91,200 |
| 55.0 | 73.2 | 83,900 | 55.0 | 73.2 | 81,300 | 55.0 | 73.2 | 78,400 | 55.0 | 73.2 | 76,300 |
| 60.0 | 71.3 | 70,600 | 60.0 | 71.3 | 68,200 | 60.0 | 71.3 | 65,400 | 60.0 | 71.3 | 63,400 |
| 65.0 | 69.4 | 59,700 | 65.0 | 69.4 | 57,500 | 65.0 | 69.4 | 54,800 | 65.0 | 69.4 | 52,800 |
| 70.0 | 67.5 | 50,900 | 70.0 | 67.5 | 48,700 | 70.0 | 67.5 | 46,200 | 70.0 | 67.5 | 44,200 |
| 75.0 | 65.5 | 43,200 | 75.0 | 65.5 | 41,100 | 75.0 | 65.5 | 38,700 | 75.0 | 65.5 | 36,800 |
| 80.0 | 63.5 | 36,700 | 80.0 | 63.5 | 34,700 | 80.0 | 63.5 | 32,300 | 80.0 | 63.5 | 30,600 |
| 85.0 | 61.4 | 31,100 | 85.0 | 61.4 | 29,200 | 85.0 | 61.4 | 27,000 | 85.0 | 61.4 | 25,200 |
| 90.0 | 59.3 | 26,400 | 90.0 | 59.3 | 24,400 | 90.0 | 59.3 | 22,200 | 90.0 | 59.3 | 20,600 |
| 95.0 | 57.2 | 22,200 | 95.0 | 57.2 | 20,200 | 95.0 | 57.2 | 18,000 | 95.0 | 57.2 | 16,500 |
| 100.0 | 55.0 | 18,500 | 100.0 | 55.0 | 16,500 | 100.0 | 55.0 | 14,400 | | | |
| 110.0 | 50.4 | 12,100 | | | | | | | | | |
| Reeves | | 6 | Reeves | | 6 | Reeves | | 6 | Reeves | | 6 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 160' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 150 ft Jib | | | 160 ft Jib | | | 170 ft Jib | | | 180 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 40.0 | 78.8 | 121,100 | 40.0 | 78.8 | 117,300 | 40.0 | 78.8 | 114,000 | 40.0 | 78.8 | 110,000 |
| 42.0 | 78.1 | 115,000 | 42.0 | 78.1 | 112,100 | 42.0 | 78.1 | 108,700 | 42.0 | 78.1 | 105,100 |
| 44.0 | 77.3 | 109,000 | 44.0 | 77.3 | 106,900 | 44.0 | 77.3 | 103,400 | 44.0 | 77.3 | 100,300 |
| 46.0 | 76.6 | 102,900 | 46.0 | 76.6 | 101,600 | 46.0 | 76.6 | 98,100 | 46.0 | 76.6 | 95,400 |
| 48.0 | 75.8 | 96,500 | 48.0 | 75.8 | 95,100 | 48.0 | 75.8 | 91,700 | 48.0 | 75.8 | 89,100 |
| 50.0 | 75.1 | 90,000 | 50.0 | 75.1 | 88,700 | 50.0 | 75.1 | 85,300 | 50.0 | 75.1 | 82,800 |
| 55.0 | 73.2 | 75,200 | 55.0 | 73.2 | 73,900 | 55.0 | 73.2 | 70,700 | 55.0 | 73.2 | 68,300 |
| 60.0 | 71.3 | 62,300 | 60.0 | 71.3 | 61,000 | 60.0 | 71.3 | 57,900 | 60.0 | 71.3 | 55,700 |
| 65.0 | 69.4 | 51,700 | 65.0 | 69.4 | 50,600 | 65.0 | 69.4 | 47,500 | 65.0 | 69.4 | 45,300 |
| 70.0 | 67.5 | 43,100 | 70.0 | 67.5 | 42,000 | 70.0 | 67.5 | 39,000 | 70.0 | 67.5 | 37,000 |
| 75.0 | 65.5 | 36,200 | 75.0 | 65.5 | 34,600 | 75.0 | 65.5 | 31,700 | 75.0 | 65.5 | 29,800 |
| 80.0 | 63.5 | 30,600 | 80.0 | 63.5 | 28,400 | 80.0 | 63.5 | 25,500 | 80.0 | 63.5 | 23,500 |
| 85.0 | 61.4 | 25,200 | 85.0 | 61.4 | 23,000 | 85.0 | 61.4 | 20,300 | 85.0 | 61.4 | 18,300 |
| 90.0 | 59.3 | 20,600 | 90.0 | 59.3 | 18,400 | 90.0 | 59.3 | 15,700 | 90.0 | 59.3 | 13,900 |
| 95.0 | 57.2 | 16,500 | 95.0 | 57.2 | 14,400 | | | | | | |
| Reeves | | 6 | Reeves | | 6 | Reeves | | 4 | Reeves | | 4 |
| 160' Boom | | | | | | | | | | | |
| 190 ft Jib | | | 200 ft Jib | | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | | | | |
| 40.0 | 78.8 | 107,000 | 40.0 | 78.8 | 102,700 | | | | | | |
| 42.0 | 78.1 | 102,000 | 42.0 | 78.1 | 98,000 | | | | | | |
| 44.0 | 77.3 | 97,000 | 44.0 | 77.3 | 93,300 | | | | | | |
| 46.0 | 76.6 | 91,900 | 46.0 | 76.6 | 88,600 | | | | | | |
| 48.0 | 75.8 | 85,600 | 48.0 | 75.8 | 82,300 | | | | | | |
| 50.0 | 75.1 | 79,300 | 50.0 | 75.1 | 76,100 | | | | | | |
| 55.0 | 73.2 | 64,900 | 55.0 | 73.2 | 61,900 | | | | | | |
| 60.0 | 71.3 | 52,500 | 60.0 | 71.3 | 49,600 | | | | | | |
| 65.0 | 69.4 | 42,400 | 65.0 | 69.4 | 39,600 | | | | | | |
| 70.0 | 67.5 | 34,100 | 70.0 | 67.5 | 31,200 | | | | | | |
| 75.0 | 65.5 | 27,000 | 75.0 | 65.5 | 24,200 | | | | | | |
| 80.0 | 63.5 | 20,900 | | | | | | | | | |
| 85.0 | 61.4 | 15,700 | | | | | | | | | |
| Reeves | | 4 | Reeves | | 4 | | | | | | |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 170' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 70 ft Jib | | | 80 ft Jib | | | 90 ft Jib | | | 100 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 40.0 | 79.5 | 141,900 * | 40.0 | 79.5 | 138,900 * | 40.0 | 79.5 | 136,300 * | 40.0 | 79.5 | 133,200 * |
| 42.0 | 78.8 | 132,700 * | 42.0 | 78.8 | 130,000 * | 42.0 | 78.8 | 127,400 * | 42.0 | 78.8 | 124,600 * |
| 44.0 | 78.1 | 123,500 * | 44.0 | 78.1 | 121,200 * | 44.0 | 78.1 | 118,500 * | 44.0 | 78.1 | 115,900 * |
| 46.0 | 77.4 | 114,400 | 46.0 | 77.4 | 112,500 | 46.0 | 77.4 | 109,800 | 46.0 | 77.4 | 107,400 |
| 48.0 | 76.7 | 109,900 | 48.0 | 76.7 | 108,000 | 48.0 | 76.7 | 105,400 | 48.0 | 76.7 | 103,000 |
| 50.0 | 76.0 | 105,400 | 50.0 | 76.0 | 103,600 | 50.0 | 76.0 | 100,900 | 50.0 | 76.0 | 98,600 |
| 55.0 | 74.2 | 92,800 | 55.0 | 74.2 | 91,100 | 55.0 | 74.2 | 88,500 | 55.0 | 74.2 | 86,300 |
| 60.0 | 72.5 | 79,400 | 60.0 | 72.5 | 77,700 | 60.0 | 72.5 | 75,300 | 60.0 | 72.5 | 73,100 |
| 65.0 | 70.7 | 68,100 | 65.0 | 70.7 | 66,600 | 65.0 | 70.7 | 64,300 | 65.0 | 70.7 | 62,100 |
| 70.0 | 68.9 | 59,100 | 70.0 | 68.9 | 57,500 | 70.0 | 68.9 | 55,200 | 70.0 | 68.9 | 53,100 |
| 75.0 | 67.0 | 51,300 | 75.0 | 67.0 | 49,800 | 75.0 | 67.0 | 47,400 | 75.0 | 67.0 | 45,400 |
| 80.0 | 65.2 | 44,600 | 80.0 | 65.2 | 43,000 | 80.0 | 65.2 | 40,900 | 80.0 | 65.2 | 38,900 |
| 85.0 | 63.3 | 38,900 | 85.0 | 63.3 | 37,300 | 85.0 | 63.3 | 35,300 | 85.0 | 63.3 | 33,400 |
| 90.0 | 61.3 | 34,000 | 90.0 | 61.3 | 32,400 | 90.0 | 61.3 | 30,400 | 90.0 | 61.3 | 28,600 |
| 95.0 | 59.4 | 29,600 | 95.0 | 59.4 | 28,100 | 95.0 | 59.4 | 26,100 | 95.0 | 59.4 | 24,300 |
| 100.0 | 57.4 | 25,700 | 100.0 | 57.4 | 24,200 | 100.0 | 57.4 | 22,200 | 100.0 | 57.4 | 20,500 |
| 110.0 | 53.2 | 19,200 | 110.0 | 53.2 | 17,600 | 110.0 | 53.2 | 15,800 | 110.0 | 53.2 | 14,100 |
| 120.0 | 48.7 | 14,100 | | | | | | | | | |
| Reeves | | 6 | Reeves | | 6 | Reeves | | 6 | Reeves | | 6 |

| 170' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 110 ft Jib | | | 120 ft Jib | | | 130 ft Jib | | | 140 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 40.0 | 79.5 | 131,000 * | 40.0 | 79.5 | 127,500 * | 40.0 | 79.5 | 124,400 * | 40.0 | 79.5 | 122,800 * |
| 42.0 | 78.8 | 122,000 * | 42.0 | 78.8 | 118,800 * | 42.0 | 78.8 | 115,800 * | 42.0 | 78.8 | 114,600 * |
| 44.0 | 78.1 | 113,100 * | 44.0 | 78.1 | 110,200 * | 44.0 | 78.1 | 107,100 * | 44.0 | 78.1 | 106,400 * |
| 46.0 | 77.4 | 104,300 | 46.0 | 77.4 | 101,700 | 46.0 | 77.4 | 98,600 | 46.0 | 77.4 | 98,400 |
| 48.0 | 76.7 | 100,000 | 48.0 | 76.7 | 97,400 | 48.0 | 76.7 | 94,400 | 48.0 | 76.7 | 94,200 |
| 50.0 | 76.0 | 95,700 | 50.0 | 76.0 | 93,200 | 50.0 | 76.0 | 90,200 | 50.0 | 76.0 | 90,000 |
| 55.0 | 74.2 | 83,500 | 55.0 | 74.2 | 81,200 | 55.0 | 74.2 | 78,300 | 55.0 | 74.2 | 78,100 |
| 60.0 | 72.5 | 70,400 | 60.0 | 72.5 | 68,200 | 60.0 | 72.5 | 65,400 | 60.0 | 72.5 | 65,200 |
| 65.0 | 70.7 | 59,700 | 65.0 | 70.7 | 57,300 | 65.0 | 70.7 | 54,800 | 65.0 | 70.7 | 54,600 |
| 70.0 | 68.9 | 50,900 | 70.0 | 68.9 | 48,600 | 70.0 | 68.9 | 46,000 | 70.0 | 68.9 | 45,900 |
| 75.0 | 67.0 | 43,200 | 75.0 | 67.0 | 41,000 | 75.0 | 67.0 | 38,600 | 75.0 | 67.0 | 38,500 |
| 80.0 | 65.2 | 36,700 | 80.0 | 65.2 | 34,500 | 80.0 | 65.2 | 32,300 | 80.0 | 65.2 | 32,100 |
| 85.0 | 63.3 | 31,100 | 85.0 | 63.3 | 29,200 | 85.0 | 63.3 | 26,700 | 85.0 | 63.3 | 26,700 |
| 90.0 | 61.3 | 26,400 | 90.0 | 61.3 | 24,400 | 90.0 | 61.3 | 22,100 | 90.0 | 61.3 | 22,000 |
| 95.0 | 59.4 | 22,200 | 95.0 | 59.4 | 20,200 | 95.0 | 59.4 | 18,000 | 95.0 | 59.4 | 17,900 |
| 100.0 | 57.4 | 18,500 | 100.0 | 57.4 | 16,500 | 100.0 | 57.4 | 14,300 | 100.0 | 57.4 | 14,300 |
| 110.0 | 53.2 | 12,100 | | | | | | | | | |
| Reeves | | 6 | Reeves | | 6 | Reeves | | 6 | Reeves | | 6 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 170' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 150 ft Jib | | | 160 ft Jib | | | 170 ft Jib | | | 180 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 40.0 | 79.5 | 120,400 * | 40.0 | 79.5 | 116,800 * | 40.0 | 79.5 | 113,300 * | 40.0 | 79.5 | 109,400 * |
| 42.0 | 78.8 | 112,500 * | 42.0 | 78.8 | 109,100 * | 42.0 | 78.8 | 105,500 * | 42.0 | 78.8 | 102,100 * |
| 44.0 | 78.1 | 104,500 * | 44.0 | 78.1 | 101,300 * | 44.0 | 78.1 | 97,800 * | 44.0 | 78.1 | 94,800 * |
| 46.0 | 77.4 | 96,600 | 46.0 | 77.4 | 93,700 | 46.0 | 77.4 | 90,200 | 46.0 | 77.4 | 87,600 |
| 48.0 | 76.7 | 92,400 | 48.0 | 76.7 | 89,600 | 48.0 | 76.7 | 86,200 | 48.0 | 76.7 | 83,700 |
| 50.0 | 76.0 | 88,300 | 50.0 | 76.0 | 85,500 | 50.0 | 76.0 | 82,100 | 50.0 | 76.0 | 79,800 |
| 55.0 | 74.2 | 76,400 | 55.0 | 74.2 | 73,800 | 55.0 | 74.2 | 70,600 | 55.0 | 74.2 | 68,400 |
| 60.0 | 72.5 | 63,600 | 60.0 | 72.5 | 61,200 | 60.0 | 72.5 | 58,200 | 60.0 | 72.5 | 56,000 |
| 65.0 | 70.7 | 53,100 | 65.0 | 70.7 | 50,600 | 65.0 | 70.7 | 47,800 | 65.0 | 70.7 | 45,500 |
| 70.0 | 68.9 | 44,400 | 70.0 | 68.9 | 42,000 | 70.0 | 68.9 | 39,300 | 70.0 | 68.9 | 37,200 |
| 75.0 | 67.0 | 36,900 | 75.0 | 67.0 | 34,600 | 75.0 | 67.0 | 32,000 | 75.0 | 67.0 | 30,000 |
| 80.0 | 65.2 | 30,600 | 80.0 | 65.2 | 28,400 | 80.0 | 65.2 | 25,800 | 80.0 | 65.2 | 23,800 |
| 85.0 | 63.3 | 25,200 | 85.0 | 63.3 | 23,000 | 85.0 | 63.3 | 20,500 | 85.0 | 63.3 | 18,600 |
| 90.0 | 61.3 | 20,600 | 90.0 | 61.3 | 18,400 | 90.0 | 61.3 | 16,000 | 90.0 | 61.3 | 14,100 |
| 95.0 | 59.4 | 16,500 | 95.0 | 59.4 | 14,400 | | | | | | |
| Reeves | | 6 | Reeves | | 6 | Reeves | | 4 | Reeves | | 4 |
| 170' Boom | | | | | | | | | | | |
| 190 ft Jib | | | 200 ft Jib | | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | | | | |
| 40.0 | 79.5 | 106,500 * | 40.0 | 79.5 | 102,400 * | | | | | | |
| 42.0 | 78.8 | 99,000 * | 42.0 | 78.8 | 95,100 * | | | | | | |
| 44.0 | 78.1 | 91,400 * | 44.0 | 78.1 | 87,900 * | | | | | | |
| 46.0 | 77.4 | 84,000 | 46.0 | 77.4 | 80,700 | | | | | | |
| 48.0 | 76.7 | 80,200 | 48.0 | 76.7 | 76,900 | | | | | | |
| 50.0 | 76.0 | 76,400 | 50.0 | 76.0 | 73,100 | | | | | | |
| 55.0 | 74.2 | 65,100 | 55.0 | 74.2 | 62,000 | | | | | | |
| 60.0 | 72.5 | 52,700 | 60.0 | 72.5 | 49,900 | | | | | | |
| 65.0 | 70.7 | 42,600 | 65.0 | 70.7 | 39,800 | | | | | | |
| 70.0 | 68.9 | 34,300 | 70.0 | 68.9 | 31,600 | | | | | | |
| 75.0 | 67.0 | 27,200 | 75.0 | 67.0 | 24,600 | | | | | | |
| 80.0 | 65.2 | 21,100 | 80.0 | 65.2 | 18,500 | | | | | | |
| 85.0 | 63.3 | 15,900 | 85.0 | 63.3 | 13,500 | | | | | | |
| Reeves | | 4 | Reeves | | 4 | | | | | | |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 180' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 70 ft Jib | | | 80 ft Jib | | | 90 ft Jib | | | 100 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 46.0 | 78.1 | 112,700 | 46.0 | 78.1 | 110,000 | 46.0 | 78.1 | 107,400 | 46.0 | 78.1 | 105,000 |
| 48.0 | 77.5 | 108,100 | 48.0 | 77.5 | 105,500 | 48.0 | 77.5 | 102,900 | 48.0 | 77.5 | 100,500 |
| 50.0 | 76.8 | 103,500 | 50.0 | 76.8 | 101,000 | 50.0 | 76.8 | 98,500 | 50.0 | 76.8 | 96,100 |
| 55.0 | 75.1 | 91,700 | 55.0 | 75.1 | 89,300 | 55.0 | 75.1 | 86,800 | 55.0 | 75.1 | 84,600 |
| 60.0 | 73.5 | 79,600 | 60.0 | 73.5 | 77,200 | 60.0 | 73.5 | 74,800 | 60.0 | 73.5 | 72,800 |
| 65.0 | 71.8 | 68,400 | 65.0 | 71.8 | 66,100 | 65.0 | 71.8 | 63,900 | 65.0 | 71.8 | 61,700 |
| 70.0 | 70.1 | 59,300 | 70.0 | 70.1 | 57,100 | 70.0 | 70.1 | 54,900 | 70.0 | 70.1 | 52,800 |
| 75.0 | 68.4 | 51,500 | 75.0 | 68.4 | 49,300 | 75.0 | 68.4 | 47,100 | 75.0 | 68.4 | 45,200 |
| 80.0 | 66.6 | 44,800 | 80.0 | 66.6 | 42,600 | 80.0 | 66.6 | 40,400 | 80.0 | 66.6 | 38,600 |
| 85.0 | 64.9 | 38,900 | 85.0 | 64.9 | 36,700 | 85.0 | 64.9 | 34,700 | 85.0 | 64.9 | 32,700 |
| 90.0 | 63.1 | 34,000 | 90.0 | 63.1 | 31,900 | 90.0 | 63.1 | 29,900 | 90.0 | 63.1 | 28,100 |
| 95.0 | 61.3 | 29,500 | 95.0 | 61.3 | 27,500 | 95.0 | 61.3 | 25,500 | 95.0 | 61.3 | 23,800 |
| 100.0 | 59.4 | 25,500 | 100.0 | 59.4 | 23,500 | 100.0 | 59.4 | 21,500 | 100.0 | 59.4 | 19,800 |
| 110.0 | 55.6 | 19,000 | 110.0 | 55.6 | 17,000 | 110.0 | 55.6 | 15,000 | 110.0 | 55.6 | 13,500 |
| 120.0 | 51.5 | 13,600 | | | | | | | | | |
| Reeves | | 4 | Reeves | | 4 | Reeves | | 4 | Reeves | | 4 |
| 180' Boom | | | | | | | | | | | |
| 110 ft Jib | | | 120 ft Jib | | | 130 ft Jib | | | 140 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 46.0 | 78.1 | 102,100 | 46.0 | 78.1 | 99,500 | 46.0 | 78.1 | 98,100 | 46.0 | 78.1 | 95,900 |
| 48.0 | 77.5 | 97,700 | 48.0 | 77.5 | 95,200 | 48.0 | 77.5 | 93,900 | 48.0 | 77.5 | 91,700 |
| 50.0 | 76.8 | 93,400 | 50.0 | 76.8 | 90,800 | 50.0 | 76.8 | 89,700 | 50.0 | 76.8 | 87,500 |
| 55.0 | 75.1 | 81,900 | 55.0 | 75.1 | 79,500 | 55.0 | 75.1 | 78,500 | 55.0 | 75.1 | 76,400 |
| 60.0 | 73.5 | 70,200 | 60.0 | 73.5 | 67,800 | 60.0 | 73.5 | 66,900 | 60.0 | 73.5 | 65,000 |
| 65.0 | 71.8 | 59,300 | 65.0 | 71.8 | 57,100 | 65.0 | 71.8 | 56,200 | 65.0 | 71.8 | 54,400 |
| 70.0 | 70.1 | 50,400 | 70.0 | 70.1 | 48,200 | 70.0 | 70.1 | 47,300 | 70.0 | 70.1 | 45,600 |
| 75.0 | 68.4 | 42,800 | 75.0 | 68.4 | 40,700 | 75.0 | 68.4 | 39,800 | 75.0 | 68.4 | 38,000 |
| 80.0 | 66.6 | 36,200 | 80.0 | 66.6 | 34,200 | 80.0 | 66.6 | 33,400 | 80.0 | 66.6 | 31,600 |
| 85.0 | 64.9 | 30,500 | 85.0 | 64.9 | 28,500 | 85.0 | 64.9 | 27,800 | 85.0 | 64.9 | 26,100 |
| 90.0 | 63.1 | 25,900 | 90.0 | 63.1 | 23,900 | 90.0 | 63.1 | 23,200 | 90.0 | 63.1 | 21,600 |
| 95.0 | 61.3 | 21,700 | 95.0 | 61.3 | 19,700 | 95.0 | 61.3 | 19,000 | 95.0 | 61.3 | 17,500 |
| 100.0 | 59.4 | 17,800 | 100.0 | 59.4 | 15,900 | 100.0 | 59.4 | 15,200 | | | |
| Reeves | | 4 | Reeves | | 4 | Reeves | | 4 | Reeves | | 4 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 180' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 150 ft Jib | | | 160 ft Jib | | | 170 ft Jib | | | 180 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 46.0 | 78.1 | 94,400 | 46.0 | 78.1 | 91,500 | 46.0 | 78.1 | 88,000 | 46.0 | 78.1 | 85,600 |
| 48.0 | 77.5 | 90,100 | 48.0 | 77.5 | 87,400 | 48.0 | 77.5 | 84,000 | 48.0 | 77.5 | 81,500 |
| 50.0 | 76.8 | 85,900 | 50.0 | 76.8 | 83,200 | 50.0 | 76.8 | 79,900 | 50.0 | 76.8 | 77,500 |
| 55.0 | 75.1 | 74,800 | 55.0 | 75.1 | 72,300 | 55.0 | 75.1 | 69,200 | 55.0 | 75.1 | 66,800 |
| 60.0 | 73.5 | 63,400 | 60.0 | 73.5 | 61,000 | 60.0 | 73.5 | 57,900 | 60.0 | 73.5 | 55,800 |
| 65.0 | 71.8 | 52,800 | 65.0 | 71.8 | 50,400 | 65.0 | 71.8 | 47,500 | 65.0 | 71.8 | 45,500 |
| 70.0 | 70.1 | 44,200 | 70.0 | 70.1 | 41,900 | 70.0 | 70.1 | 39,000 | 70.0 | 70.1 | 37,000 |
| 75.0 | 68.4 | 36,700 | 75.0 | 68.4 | 34,500 | 75.0 | 68.4 | 31,700 | 75.0 | 68.4 | 29,900 |
| 80.0 | 66.6 | 30,300 | 80.0 | 66.6 | 28,100 | 80.0 | 66.6 | 25,500 | 80.0 | 66.6 | 23,700 |
| 85.0 | 64.9 | 24,800 | 85.0 | 64.9 | 22,800 | 85.0 | 64.9 | 20,100 | 85.0 | 64.9 | 18,400 |
| 90.0 | 63.1 | 20,300 | 90.0 | 63.1 | 18,200 | 90.0 | 63.1 | 15,700 | 90.0 | 63.1 | 13,900 |
| 95.0 | 61.3 | 16,200 | 95.0 | 61.3 | 14,100 | | | | | | |
| Reeves | | 4 | Reeves | | 4 | Reeves | | 4 | Reeves | | 4 |
| 180' Boom | | | | | | | | | | | |
| 190 ft Jib | | | 200 ft Jib | | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | | | | |
| 46.0 | 78.1 | 82,000 | 46.0 | 78.1 | 78,700 | | | | | | |
| 48.0 | 77.5 | 78,100 | 48.0 | 77.5 | 74,800 | | | | | | |
| 50.0 | 76.8 | 74,100 | 50.0 | 76.8 | 70,900 | | | | | | |
| 55.0 | 75.1 | 63,600 | 55.0 | 75.1 | 60,600 | | | | | | |
| 60.0 | 73.5 | 52,700 | 60.0 | 73.5 | 49,900 | | | | | | |
| 65.0 | 71.8 | 42,400 | 65.0 | 71.8 | 39,800 | | | | | | |
| 70.0 | 70.1 | 34,100 | 70.0 | 70.1 | 31,500 | | | | | | |
| 75.0 | 68.4 | 27,000 | 75.0 | 68.4 | 24,400 | | | | | | |
| 80.0 | 66.6 | 20,900 | 80.0 | 66.6 | 18,500 | | | | | | |
| 85.0 | 64.9 | 15,700 | 85.0 | 64.9 | 13,300 | | | | | | |
| Reeves | | 4 | Reeves | | 4 | | | | | | |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 190' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 70 ft Jib | | | 80 ft Jib | | | 90 ft Jib | | | 100 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 46.0 | 78.8 | 110,900 * | 46.0 | 78.8 | 108,200 * | 46.0 | 78.8 | 105,600 * | 46.0 | 78.8 | 103,200 * |
| 48.0 | 78.1 | 105,600 * | 48.0 | 78.1 | 102,900 * | 48.0 | 78.1 | 100,400 * | 48.0 | 78.1 | 98,000 * |
| 50.0 | 77.5 | 100,300 * | 50.0 | 77.5 | 97,600 * | 50.0 | 77.5 | 95,100 * | 50.0 | 77.5 | 92,800 * |
| 55.0 | 76.0 | 88,800 | 55.0 | 76.0 | 86,300 | 55.0 | 76.0 | 83,900 | 55.0 | 76.0 | 81,700 |
| 60.0 | 74.4 | 78,900 | 60.0 | 74.4 | 76,600 | 60.0 | 74.4 | 74,200 | 60.0 | 74.4 | 72,100 |
| 65.0 | 72.8 | 68,300 | 65.0 | 72.8 | 65,900 | 65.0 | 72.8 | 63,600 | 65.0 | 72.8 | 61,600 |
| 70.0 | 71.2 | 59,200 | 70.0 | 71.2 | 56,900 | 70.0 | 71.2 | 54,700 | 70.0 | 71.2 | 52,700 |
| 75.0 | 69.6 | 51,300 | 75.0 | 69.6 | 49,100 | 75.0 | 69.6 | 47,000 | 75.0 | 69.6 | 45,000 |
| 80.0 | 68.0 | 44,500 | 80.0 | 68.0 | 42,300 | 80.0 | 68.0 | 40,400 | 80.0 | 68.0 | 38,400 |
| 85.0 | 66.3 | 38,700 | 85.0 | 66.3 | 36,500 | 85.0 | 66.3 | 34,500 | 85.0 | 66.3 | 32,700 |
| 90.0 | 64.6 | 33,900 | 90.0 | 64.6 | 31,700 | 90.0 | 64.6 | 29,700 | 90.0 | 64.6 | 27,900 |
| 95.0 | 62.9 | 29,400 | 95.0 | 62.9 | 27,300 | 95.0 | 62.9 | 25,400 | 95.0 | 62.9 | 23,700 |
| 100.0 | 61.2 | 25,300 | 100.0 | 61.2 | 23,300 | 100.0 | 61.2 | 21,500 | 100.0 | 61.2 | 19,800 |
| 110.0 | 57.6 | 18,700 | 110.0 | 57.6 | 16,800 | 110.0 | 57.6 | 15,000 | 110.0 | 57.6 | 13,200 |
| 120.0 | 53.9 | 13,400 | | | | | | | | | |
| Reeves | | 4 | Reeves | | 4 | Reeves | | 4 | Reeves | | 4 |

| 190' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 110 ft Jib | | | 120 ft Jib | | | 130 ft Jib | | | 140 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 46.0 | 78.8 | 100,500 * | 46.0 | 78.8 | 99,400 * | 46.0 | 78.8 | 96,600 * | 46.0 | 78.8 | 94,400 * |
| 48.0 | 78.1 | 95,300 * | 48.0 | 78.1 | 94,300 * | 48.0 | 78.1 | 91,500 * | 48.0 | 78.1 | 89,300 * |
| 50.0 | 77.5 | 90,000 * | 50.0 | 77.5 | 89,200 * | 50.0 | 77.5 | 86,300 * | 50.0 | 77.5 | 84,300 * |
| 55.0 | 76.0 | 78,900 | 55.0 | 76.0 | 78,200 | 55.0 | 76.0 | 75,400 | 55.0 | 76.0 | 73,500 |
| 60.0 | 74.4 | 69,400 | 60.0 | 74.4 | 68,800 | 60.0 | 74.4 | 66,100 | 60.0 | 74.4 | 64,400 |
| 65.0 | 72.8 | 59,200 | 65.0 | 72.8 | 58,500 | 65.0 | 72.8 | 55,900 | 65.0 | 72.8 | 54,100 |
| 70.0 | 71.2 | 50,300 | 70.0 | 71.2 | 49,600 | 70.0 | 71.2 | 47,300 | 70.0 | 71.2 | 45,500 |
| 75.0 | 69.6 | 42,700 | 75.0 | 69.6 | 42,000 | 75.0 | 69.6 | 39,800 | 75.0 | 69.6 | 38,000 |
| 80.0 | 68.0 | 36,200 | 80.0 | 68.0 | 35,500 | 80.0 | 68.0 | 33,300 | 80.0 | 68.0 | 31,600 |
| 85.0 | 66.3 | 30,500 | 85.0 | 66.3 | 29,800 | 85.0 | 66.3 | 27,600 | 85.0 | 66.3 | 26,100 |
| 90.0 | 64.6 | 25,900 | 90.0 | 64.6 | 25,200 | 90.0 | 64.6 | 23,000 | 90.0 | 64.6 | 21,600 |
| 95.0 | 62.9 | 21,600 | 95.0 | 62.9 | 21,000 | 95.0 | 62.9 | 18,800 | 95.0 | 62.9 | 17,500 |
| 100.0 | 61.2 | 17,600 | 100.0 | 61.2 | 17,100 | 100.0 | 61.2 | 15,000 | | | |
| Reeves | | 4 | Reeves | | 4 | Reeves | | 4 | Reeves | | 4 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 190' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 150 ft Jib | | | 160 ft Jib | | | 170 ft Jib | | | 180 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 46.0 | 78.8 | 92,800 * | 46.0 | 78.8 | 90,000 * | 46.0 | 78.8 | 86,600 * | 46.0 | 78.8 | 84,000 * |
| 48.0 | 78.1 | 87,800 * | 48.0 | 78.1 | 85,000 * | 48.0 | 78.1 | 81,700 * | 48.0 | 78.1 | 79,200 * |
| 50.0 | 77.5 | 82,900 * | 50.0 | 77.5 | 80,100 * | 50.0 | 77.5 | 76,800 * | 50.0 | 77.5 | 74,500 * |
| 55.0 | 76.0 | 72,200 | 55.0 | 76.0 | 69,600 | 55.0 | 76.0 | 66,400 | 55.0 | 76.0 | 64,200 |
| 60.0 | 74.4 | 63,000 | 60.0 | 74.4 | 60,500 | 60.0 | 74.4 | 57,600 | 60.0 | 74.4 | 55,400 |
| 65.0 | 72.8 | 52,800 | 65.0 | 72.8 | 50,600 | 65.0 | 72.8 | 47,700 | 65.0 | 72.8 | 45,500 |
| 70.0 | 71.2 | 44,200 | 70.0 | 71.2 | 42,000 | 70.0 | 71.2 | 39,100 | 70.0 | 71.2 | 37,200 |
| 75.0 | 69.6 | 36,800 | 75.0 | 69.6 | 34,600 | 75.0 | 69.6 | 31,800 | 75.0 | 69.6 | 30,000 |
| 80.0 | 68.0 | 30,500 | 80.0 | 68.0 | 28,300 | 80.0 | 68.0 | 25,700 | 80.0 | 68.0 | 23,700 |
| 85.0 | 66.3 | 24,800 | 85.0 | 66.3 | 22,800 | 85.0 | 66.3 | 20,100 | 85.0 | 66.3 | 18,400 |
| 90.0 | 64.6 | 20,300 | 90.0 | 64.6 | 18,300 | 90.0 | 64.6 | 15,700 | 90.0 | 64.6 | 13,900 |
| 95.0 | 62.9 | 16,200 | 95.0 | 62.9 | 14,200 | | | | | | |
| Reeves | | 4 | Reeves | | 4 | Reeves | | 4 | Reeves | | 4 |
| 190' Boom | | | | | | | | | | | |
| 190 ft Jib | | | 200 ft Jib | | | | | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | | | | | |
| 46.0 | 78.8 | 80,500 * | 46.0 | 78.8 | 77,400 * | | | | | | |
| 48.0 | 78.1 | 75,800 * | 48.0 | 78.1 | 72,700 * | | | | | | |
| 50.0 | 77.5 | 71,100 * | 50.0 | 77.5 | 68,000 * | | | | | | |
| 55.0 | 76.0 | 61,000 | 55.0 | 76.0 | 58,000 | | | | | | |
| 60.0 | 74.4 | 52,300 | 60.0 | 74.4 | 49,500 | | | | | | |
| 65.0 | 72.8 | 42,600 | 65.0 | 72.8 | 39,900 | | | | | | |
| 70.0 | 71.2 | 34,300 | 70.0 | 71.2 | 31,700 | | | | | | |
| 75.0 | 69.6 | 27,200 | 75.0 | 69.6 | 24,700 | | | | | | |
| 80.0 | 68.0 | 21,100 | 80.0 | 68.0 | 18,700 | | | | | | |
| 85.0 | 66.3 | 15,700 | 85.0 | 66.3 | 13,300 | | | | | | |
| Reeves | | 4 | Reeves | | 4 | | | | | | |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 200' Boom | | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|
| 100 ft Jib | | | 110 ft Jib | | | 120 ft Jib | | | 130 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 46.0 | 79.3 | 101,600 * | 46.0 | 79.3 | 101,400 * | 46.0 | 79.3 | 98,300 * | 46.0 | 79.3 | 95,900 * |
| 48.0 | 78.7 | 96,400 * | 48.0 | 78.7 | 95,900 * | 48.0 | 78.7 | 93,000 * | 48.0 | 78.7 | 90,500 * |
| 50.0 | 78.1 | 91,100 * | 50.0 | 78.1 | 90,400 * | 50.0 | 78.1 | 87,700 * | 50.0 | 78.1 | 85,100 * |
| 55.0 | 76.7 | 79,700 | 55.0 | 76.7 | 78,600 | 55.0 | 76.7 | 76,300 | 55.0 | 76.7 | 73,700 |
| 60.0 | 75.2 | 70,100 | 60.0 | 75.2 | 69,000 | 60.0 | 75.2 | 66,800 | 60.0 | 75.2 | 64,400 |
| 65.0 | 73.7 | 61,000 | 65.0 | 73.7 | 59,900 | 65.0 | 73.7 | 57,900 | 65.0 | 73.7 | 55,500 |
| 70.0 | 72.2 | 52,400 | 70.0 | 72.2 | 51,400 | 70.0 | 72.2 | 49,500 | 70.0 | 72.2 | 47,000 |
| 75.0 | 70.7 | 44,700 | 75.0 | 70.7 | 43,800 | 75.0 | 70.7 | 41,800 | 75.0 | 70.7 | 39,500 |
| 80.0 | 69.1 | 38,000 | 80.0 | 69.1 | 37,100 | 80.0 | 69.1 | 35,100 | 80.0 | 69.1 | 32,900 |
| 85.0 | 67.6 | 32,500 | 85.0 | 67.6 | 31,600 | 85.0 | 67.6 | 29,600 | 85.0 | 67.6 | 27,400 |
| 90.0 | 66.0 | 27,600 | 90.0 | 66.0 | 26,800 | 90.0 | 66.0 | 24,900 | 90.0 | 66.0 | 22,800 |
| 95.0 | 64.4 | 23,200 | 95.0 | 64.4 | 22,400 | 95.0 | 64.4 | 20,600 | 95.0 | 64.4 | 18,600 |
| 100.0 | 62.8 | 19,400 | 100.0 | 62.8 | 18,500 | 100.0 | 62.8 | 16,700 | 100.0 | 62.8 | 14,800 |
| 110.0 | 59.5 | 13,000 | 110.0 | 59.5 | 12,300 | | | | | | |
| Reeves | | 4 | Reeves | | 4 | Reeves | | 4 | Reeves | | 4 |
| 200' Boom | | | | | | | | | | | |
| 140 ft Jib | | | 150 ft Jib | | | 160 ft Jib | | | 170 ft Jib | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 46.0 | 79.3 | 92,600 * | 46.0 | 79.3 | 90,800 * | 46.0 | 79.3 | 88,000 * | 46.0 | 79.3 | 84,700 * |
| 48.0 | 78.7 | 87,600 * | 48.0 | 78.7 | 85,900 * | 48.0 | 78.7 | 83,100 * | 48.0 | 78.7 | 79,900 * |
| 50.0 | 78.1 | 82,600 * | 50.0 | 78.1 | 81,000 * | 50.0 | 78.1 | 78,300 * | 50.0 | 78.1 | 75,100 * |
| 55.0 | 76.7 | 71,700 | 55.0 | 76.7 | 70,300 | 55.0 | 76.7 | 67,700 | 55.0 | 76.7 | 64,700 |
| 60.0 | 75.2 | 62,500 | 60.0 | 75.2 | 61,100 | 60.0 | 75.2 | 58,700 | 60.0 | 75.2 | 55,800 |
| 65.0 | 73.7 | 53,700 | 65.0 | 73.7 | 52,400 | 65.0 | 73.7 | 50,000 | 65.0 | 73.7 | 47,100 |
| 70.0 | 72.2 | 45,300 | 70.0 | 72.2 | 44,100 | 70.0 | 72.2 | 41,800 | 70.0 | 72.2 | 39,000 |
| 75.0 | 70.7 | 37,800 | 75.0 | 70.7 | 36,600 | 75.0 | 70.7 | 34,400 | 75.0 | 70.7 | 31,700 |
| 80.0 | 69.1 | 31,400 | 80.0 | 69.1 | 30,100 | 80.0 | 69.1 | 28,000 | 80.0 | 69.1 | 25,300 |
| 85.0 | 67.6 | 25,900 | 85.0 | 67.6 | 24,700 | 85.0 | 67.6 | 22,800 | 85.0 | 67.6 | 20,100 |
| 90.0 | 66.0 | 21,300 | 90.0 | 66.0 | 20,000 | 90.0 | 66.0 | 18,000 | 90.0 | 66.0 | 15,500 |
| 95.0 | 64.4 | 17,000 | 95.0 | 64.4 | 15,800 | 95.0 | 64.4 | 13,800 | | | |
| Reeves | | 4 | Reeves | | 4 | Reeves | | 4 | Reeves | | 4 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 200' Boom | | | | | | | | | | |
|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|--|--|
| 180 ft Jib | | | 190 ft Jib | | | 200 ft Jib | | | | |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | | |
| 46.0 | 79.3 | 82,000 * | 46.0 | 79.3 | 78,700 * | 46.0 | 79.3 | 75,400 * | | |
| 48.0 | 78.7 | 77,400 * | 48.0 | 78.7 | 74,100 * | 48.0 | 78.7 | 70,900 * | | |
| 50.0 | 78.1 | 72,700 * | 50.0 | 78.1 | 69,400 * | 50.0 | 78.1 | 66,400 * | | |
| 55.0 | 76.7 | 62,500 | 55.0 | 76.7 | 59,300 | 55.0 | 76.7 | 56,400 | | |
| 60.0 | 75.2 | 53,700 | 60.0 | 75.2 | 50,600 | 60.0 | 75.2 | 47,800 | | |
| 65.0 | 73.7 | 45,100 | 65.0 | 73.7 | 42,200 | 65.0 | 73.7 | 39,500 | | |
| 70.0 | 72.2 | 37,100 | 70.0 | 72.2 | 34,300 | 70.0 | 72.2 | 31,800 | | |
| 75.0 | 70.7 | 29,900 | 75.0 | 70.7 | 27,100 | 75.0 | 70.7 | 24,700 | | |
| 80.0 | 69.1 | 23,500 | 80.0 | 69.1 | 20,900 | 80.0 | 69.1 | 18,500 | | |
| 85.0 | 67.6 | 18,300 | 85.0 | 67.6 | 15,700 | 85.0 | 67.6 | 13,500 | | |
| 90.0 | 66.0 | 13,800 | | | | | | | | |
| Reeves | | 4 | Reeves | | 4 | Reeves | | 4 | | |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 70' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 70 ft Jib | | | | | | | | | | 80 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 32.0 | 176,300* | | | | | | | | | | | | | | | | | | | | | | |
| 34.0 | 171,900* | | | | | | | | | | | | | | | | | | | | | | |
| 36.0 | 167,200* | | | | | | | | | | | | | | | | | | | | | | |
| 38.0 | 162,400* | | | | | | | | | | | | | | | | | | | | | | |
| 40.0 | 157,600* | | | | | | | | | | | 40.0 | 153,100* | | | | | | | | | | |
| 42.0 | 152,800* | | | | | | | | | | | 42.0 | 149,500* | | | | | | | | | | |
| 44.0 | 148,100* | | | | | | | | | | | 44.0 | 145,900* | | | | | | | | | | |
| 46.0 | 143,300* | 46.0 | 144,600* | | | | | | | | | 46.0 | 142,200* | | | | | | | | | | |
| 48.0 | 138,500* | 48.0 | 139,900* | | | | | | | | | 48.0 | 138,200* | | | | | | | | | | |
| 50.0 | 133,800* | 50.0 | 135,200* | | | | | | | | | 50.0 | 134,200* | | | | | | | | | | |
| 55.0 | 121,800* | 55.0 | 125,600* | | | | | | | | | 55.0 | 124,000* | 55.0 | 125,300* | | | | | | | | |
| 60.0 | 109,900* | 60.0 | 117,300 | 60.0 | 115,700 | | | | | | | 60.0 | 113,800* | 60.0 | 117,000 | 60.0 | 115,500 | | | | | | |
| 65.0 | 98,000* | 65.0 | 106,300 | 65.0 | 104,300 | | | | | | | 65.0 | 103,700* | 65.0 | 106,200 | 65.0 | 104,100 | | | | | | |
| 70.0 | 86,100* | 70.0 | 96,800 | 70.0 | 95,100 | | | | | | | 70.0 | 94,500* | 70.0 | 96,800 | 70.0 | 94,700 | | | | | | |
| 75.0 | 72,500* | 75.0 | 88,700 | 75.0 | 87,100 | 75.0 | 85,400 | | | | | 75.0 | 84,000* | 75.0 | 88,700 | 75.0 | 86,700 | 75.0 | 85,300 | | | | |
| | | | | 80.0 | 80,200 | 80.0 | 78,500 | 80.0 | 77,000 | | | 80.0 | 72,600* | 80.0 | 81,800 | 80.0 | 79,800 | 80.0 | 78,500 | | | | |
| | | | | 85.0 | 74,200 | 85.0 | 72,800 | 85.0 | 71,300 | | | 85.0 | 61,700* | 85.0 | 75,700 | 85.0 | 73,900 | 85.0 | 72,600 | | | | |
| | | | | | | 90.0 | 67,900 | 90.0 | 66,500 | | | | | 90.0 | 67,300 | 90.0 | 69,000 | 90.0 | 67,700 | 90.0 | 66,100 | | |
| | | | | | | | | 95.0 | 62,200 | | | | | | | 95.0 | 64,500 | 95.0 | 63,300 | 95.0 | 61,800 | | |
| | | | | | | | | | | 95.0 | 61,000 | | | | | | | 100.0 | 59,400 | 100.0 | 58,000 | 100.0 | 57,000 |
| | | | | | | | | | | | | 100.0 | 57,300 | | | | | | | 110.0 | 51,600 | 110.0 | 50,700 |
| Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 |

| 70' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 90 ft Jib | | | | | | | | | | 100 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 40.0 | 153,100* | | | | | | | | | | | 40.0 | 144,700* | | | | | | | | | | |
| 42.0 | 149,600* | | | | | | | | | | | 42.0 | 141,700* | | | | | | | | | | |
| 44.0 | 146,000* | | | | | | | | | | | 44.0 | 138,700* | | | | | | | | | | |
| 46.0 | 142,400* | | | | | | | | | | | 46.0 | 135,600* | | | | | | | | | | |
| 48.0 | 138,300* | | | | | | | | | | | 48.0 | 132,400* | | | | | | | | | | |
| 50.0 | 134,200* | | | | | | | | | | | 50.0 | 129,200* | | | | | | | | | | |
| 55.0 | 124,300* | 55.0 | 124,800* | | | | | | | | | 55.0 | 121,000* | | | | | | | | | | |
| 60.0 | 114,800* | 60.0 | 116,000 | | | | | | | | | 60.0 | 112,800* | 60.0 | 115,400 | | | | | | | | |
| 65.0 | 105,200* | 65.0 | 105,900 | | | | | | | | | 65.0 | 104,800* | 65.0 | 105,600 | | | | | | | | |
| 70.0 | 95,600* | 70.0 | 96,600 | 70.0 | 94,400 | | | | | | | 70.0 | 96,300* | 70.0 | 96,300 | | | | | | | | |
| 75.0 | 87,100* | 75.0 | 88,500 | 75.0 | 86,500 | | | | | | | 75.0 | 88,100* | 75.0 | 88,200 | 75.0 | 86,500 | | | | | | |
| 80.0 | 79,100* | 80.0 | 81,500 | 80.0 | 79,600 | 80.0 | 78,100 | | | | | 80.0 | 80,600* | 80.0 | 81,300 | 80.0 | 79,600 | | | | | | |
| 85.0 | 70,400* | 85.0 | 75,500 | 85.0 | 73,700 | 85.0 | 72,400 | | | | | 85.0 | 74,200* | 85.0 | 75,300 | 85.0 | 73,700 | | | | | | |
| 90.0 | 61,800* | 90.0 | 70,400 | 90.0 | 68,600 | 90.0 | 67,500 | | | | | 90.0 | 67,500* | 90.0 | 70,200 | 90.0 | 68,600 | 90.0 | 67,200 | | | | |
| | | 95.0 | 65,000 | 95.0 | 64,100 | 95.0 | 63,000 | 95.0 | 61,600 | | | 95.0 | 60,600* | 95.0 | 65,600 | 95.0 | 64,100 | 95.0 | 62,800 | | | | |
| | | | | 100.0 | 60,100 | 100.0 | 59,000 | 100.0 | 57,700 | | | 100.0 | 53,600* | 100.0 | 61,400 | 100.0 | 60,100 | 100.0 | 58,800 | 100.0 | 57,500 | | |
| | | | | | | 110.0 | 52,500 | 110.0 | 51,200 | 110.0 | 50,300 | | | | | | | 120.0 | 46,900 | 120.0 | 45,800 | 120.0 | 44,900 |
| | | | | | | | | | | | | 120.0 | 45,100 | | | | | | | 130.0 | 41,500 | 130.0 | 40,600 |
| Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 70' Boom | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|
| 110 ft Jib | | | | | | | | | | | 120 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | |
| 46.0 | 118,900* | | | | | | | | | | | 46.0 | 105,100* | | | | | | | | | | | |
| 48.0 | 117,500* | | | | | | | | | | | 48.0 | 104,100* | | | | | | | | | | | |
| 50.0 | 116,100* | | | | | | | | | | | 50.0 | 103,200* | | | | | | | | | | | |
| 55.0 | 112,100* | | | | | | | | | | | 55.0 | 100,600* | | | | | | | | | | | |
| 60.0 | 107,600* | 60.0 | 114,000 | | | | | | | | | 60.0 | 97,700* | | | | | | | | | | | |
| 65.0 | 103,000* | 65.0 | 105,300 | | | | | | | | | 65.0 | 94,700* | | | | | | | | | | | |
| 70.0 | 95,800* | 70.0 | 96,300 | | | | | | | | | 70.0 | 91,400* | 70.0 | 94,700 | | | | | | | | | |
| 75.0 | 88,200* | 75.0 | 88,200 | 75.0 | 86,000 | | | | | | | 75.0 | 87,100* | 75.0 | 87,900 | | | | | | | | | |
| 80.0 | 80,800* | 80.0 | 81,100 | 80.0 | 79,200 | | | | | | | 80.0 | 81,600* | 80.0 | 80,900 | 80.0 | 79,200 | | | | | | | |
| 85.0 | 74,400* | 85.0 | 75,300 | 85.0 | 73,300 | | | | | | | 85.0 | 75,100* | 85.0 | 75,000 | 85.0 | 73,300 | | | | | | | |
| 90.0 | 69,000* | 90.0 | 70,200 | 90.0 | 68,300 | | | | | | | 90.0 | 69,600* | 90.0 | 69,900 | 90.0 | 68,300 | | | | | | | |
| 95.0 | 63,700* | 95.0 | 65,600 | 95.0 | 63,900 | 95.0 | 62,700 | | | | | 95.0 | 64,700* | 95.0 | 65,300 | 95.0 | 63,900 | 95.0 | 62,400 | | | | | |
| 100.0 | 58,300* | 100.0 | 61,400 | 100.0 | 59,900 | 100.0 | 58,800 | | | | | 100.0 | 60,100* | 100.0 | 61,200 | 100.0 | 59,900 | 100.0 | 58,400 | | | | | |
| 110.0 | 46,700* | 110.0 | 54,500 | 110.0 | 53,100 | 110.0 | 52,100 | 110.0 | 50,700 | | | 110.0 | 51,200* | 110.0 | 54,300 | 110.0 | 53,100 | 110.0 | 51,800 | | | | | |
| | | | | 120.0 | 47,700 | 120.0 | 46,700 | 120.0 | 45,600 | 120.0 | 44,700 | 120.0 | 41,500* | 120.0 | 48,400 | 120.0 | 47,600 | 120.0 | 46,500 | 120.0 | 45,400 | | | |
| | | | | | | 130.0 | 42,300 | 130.0 | 41,200 | 130.0 | 40,400 | 140.0 | 36,700 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 150.0 | 34,200 | 150.0 | 33,300 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | |

| 70' Boom | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|
| 130 ft Jib | | | | | | | | | | | 140 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | |
| 55.0 | 86,400* | | | | | | | | | | | 55.0 | 74,100* | | | | | | | | | | | |
| 60.0 | 84,900* | | | | | | | | | | | 60.0 | 73,000* | | | | | | | | | | | |
| 65.0 | 83,100* | | | | | | | | | | | 65.0 | 71,900* | | | | | | | | | | | |
| 70.0 | 80,900* | 70.0 | 84,400* | | | | | | | | | 70.0 | 70,900* | | | | | | | | | | | |
| 75.0 | 78,600* | 75.0 | 82,400* | | | | | | | | | 75.0 | 69,600* | 75.0 | 71,300* | | | | | | | | | |
| 80.0 | 76,000* | 80.0 | 79,300 | | | | | | | | | 80.0 | 68,100* | 80.0 | 70,300* | | | | | | | | | |
| 85.0 | 73,100* | 85.0 | 74,700 | | | | | | | | | 85.0 | 66,600* | 85.0 | 69,400* | | | | | | | | | |
| 90.0 | 69,600* | 90.0 | 69,700 | 90.0 | 68,200 | | | | | | | 90.0 | 64,300* | 90.0 | 67,300* | 90.0 | 67,500 | | | | | | | |
| 95.0 | 65,300* | 95.0 | 65,200 | 95.0 | 63,700 | | | | | | | 95.0 | 62,000* | 95.0 | 64,400 | 95.0 | 63,700 | | | | | | | |
| 100.0 | 60,800* | 100.0 | 61,200 | 100.0 | 59,700 | 100.0 | 58,400 | | | | | 100.0 | 59,600* | 100.0 | 61,000 | 100.0 | 59,600 | | | | | | | |
| 110.0 | 53,500* | 110.0 | 54,300 | 110.0 | 53,000 | 110.0 | 51,800 | | | | | 110.0 | 53,500* | 110.0 | 54,100 | 110.0 | 52,900 | 110.0 | 51,600 | | | | | |
| 120.0 | 45,500* | 120.0 | 48,700 | 120.0 | 47,600 | 120.0 | 46,500 | 120.0 | 45,400 | | | 120.0 | 47,200* | 120.0 | 48,600 | 120.0 | 47,300 | 120.0 | 46,200 | 120.0 | 45,100 | | | |
| 130.0 | 37,100* | 130.0 | 44,000 | 130.0 | 43,000 | 130.0 | 41,900 | 130.0 | 40,800 | 140.0 | 36,300 | 140.0 | 33,400* | 140.0 | 39,300 | 140.0 | 39,000 | 140.0 | 38,000 | 140.0 | 37,100 | 140.0 | 36,200 | |
| | | | | 140.0 | 39,100 | 140.0 | 38,200 | 140.0 | 37,200 | 150.0 | 34,200 | 150.0 | 33,300 | 160.0 | 30,600 | 150.0 | 35,700 | 150.0 | 34,800 | 150.0 | 34,000 | 150.0 | 33,100 | |
| | | | | | | | | | | | | | | | | | | | | | 170.0 | 29,000 | 170.0 | 28,100 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 70' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 190 ft Jib | | | | | | | | | | | | 200 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 70.0 | 45,300* | | | | | | | | | | | 70.0 | 40,400* | | | | | | | | | | |
| 75.0 | 44,100* | | | | | | | | | | | 75.0 | 39,600* | | | | | | | | | | |
| 80.0 | 42,500* | | | | | | | | | | | 80.0 | 38,400* | | | | | | | | | | |
| 85.0 | 40,800* | | | | | | | | | | | 85.0 | 36,900* | | | | | | | | | | |
| 90.0 | 39,200* | 90.0 | 40,700* | | | | | | | | | 90.0 | 35,300* | | | | | | | | | | |
| 95.0 | 37,600* | 95.0 | 39,000* | | | | | | | | | 95.0 | 33,900* | 95.0 | 35,300* | | | | | | | | |
| 100.0 | 36,100* | 100.0 | 37,400* | | | | | | | | | 100.0 | 32,600* | 100.0 | 33,900* | | | | | | | | |
| 110.0 | 33,400* | 110.0 | 34,500* | | | | | | | | | 110.0 | 30,300* | 110.0 | 31,200* | | | | | | | | |
| 120.0 | 30,800* | 120.0 | 31,900* | 120.0 | 33,200* | | | | | | | 120.0 | 28,000* | 120.0 | 29,000* | 120.0 | 30,000* | | | | | | |
| 130.0 | 28,600* | 130.0 | 29,700* | 130.0 | 30,700* | | | | | | | 130.0 | 26,000* | 130.0 | 27,100* | 130.0 | 28,000* | | | | | | |
| 140.0 | 26,600* | 140.0 | 27,600* | 140.0 | 28,600* | 140.0 | 29,500* | | | | | 140.0 | 24,300* | 140.0 | 25,200* | 140.0 | 26,000* | 140.0 | 26,800* | | | | |
| 150.0 | 24,800* | 150.0 | 25,700* | 150.0 | 26,600* | 150.0 | 27,500* | | | | | 150.0 | 22,800* | 150.0 | 23,500* | 150.0 | 24,400* | 150.0 | 25,000* | | | | |
| 160.0 | 23,100* | 160.0 | 24,000* | 160.0 | 24,900* | 160.0 | 25,800* | 160.0 | 26,600* | | | 160.0 | 21,200* | 160.0 | 22,000* | 160.0 | 22,800* | 160.0 | 23,400* | 160.0 | 24,200* | | |
| 170.0 | 21,600* | 170.0 | 22,500* | 170.0 | 23,200* | 170.0 | 24,100* | 170.0 | 24,700* | | | 170.0 | 19,900* | 170.0 | 20,500* | 170.0 | 21,400* | 170.0 | 22,100* | 170.0 | 22,700* | | |
| 180.0 | 20,100* | 180.0 | 21,000* | 180.0 | 21,800* | 180.0 | 22,500* | 180.0 | 23,300* | 180.0 | 23,900* | 180.0 | 18,600* | 180.0 | 19,400* | 180.0 | 20,100* | 180.0 | 20,700* | 180.0 | 21,400* | 180.0 | 21,800* |
| 190.0 | 18,100* | 190.0 | 19,600* | 190.0 | 20,500* | 190.0 | 21,200* | 190.0 | 21,800* | 190.0 | 22,500* | 190.0 | 17,400* | 190.0 | 18,100* | 190.0 | 18,700* | 190.0 | 19,400* | 190.0 | 20,100* | 190.0 | 20,700* |
| | | | | 200.0 | 18,600* | 200.0 | 19,800* | 200.0 | 20,500* | 200.0 | 21,100 | 200.0 | 16,100* | 200.0 | 16,900* | 200.0 | 17,700* | 200.0 | 18,300* | 200.0 | 18,800* | 200.0 | 19,500* |
| | | | | | | | | 210.0 | 19,100* | 210.0 | 19,800 | | | | | 210.0 | 16,500* | 210.0 | 17,100* | 210.0 | 17,800* | 210.0 | 18,200* |
| | | | | | | | | | | | | 220.0 | 18,200 | | | | | | | 220.0 | 16,800* | 220.0 | 17,200* |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 80' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 70 ft Jib | | | | | | | | | | | | 80 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 34.0 | 165,600* | | | | | | | | | | | | | | | | | | | | | | |
| 36.0 | 161,300* | | | | | | | | | | | | | | | | | | | | | | |
| 38.0 | 157,000* | | | | | | | | | | | | | | | | | | | | | | |
| 40.0 | 152,700* | | | | | | | | | | | 40.0 | 150,000* | | | | | | | | | | |
| 42.0 | 148,300* | | | | | | | | | | | 42.0 | 146,400* | | | | | | | | | | |
| 44.0 | 143,900* | | | | | | | | | | | 44.0 | 142,800* | | | | | | | | | | |
| 46.0 | 139,600* | 46.0 | 144,400* | | | | | | | | | 46.0 | 139,200* | | | | | | | | | | |
| 48.0 | 135,300* | 48.0 | 139,700* | | | | | | | | | 48.0 | 135,500* | | | | | | | | | | |
| 50.0 | 131,000* | 50.0 | 135,000* | | | | | | | | | 50.0 | 131,800* | | | | | | | | | | |
| 55.0 | 120,100* | 55.0 | 125,300 | | | | | | | | | 55.0 | 122,600* | 55.0 | 124,800 | | | | | | | | |
| 60.0 | 109,200* | 60.0 | 117,100 | 60.0 | 115,100 | | | | | | | 60.0 | 113,500* | 60.0 | 116,500 | | | | | | | | |
| 65.0 | 98,500* | 65.0 | 106,000 | 65.0 | 103,700 | | | | | | | 65.0 | 104,100* | 65.0 | 105,800 | | | | | | | | |
| 70.0 | 87,600* | 70.0 | 96,600 | 70.0 | 94,400 | | | | | | | 70.0 | 95,100* | 70.0 | 96,500 | 70.0 | 94,200 | | | | | | |
| 75.0 | 74,600* | 75.0 | 88,500 | 75.0 | 86,500 | 75.0 | 84,600 | | | | | 75.0 | 85,100* | 75.0 | 88,500 | 75.0 | 86,300 | | | | | | |
| | | 80.0 | 80,400 | 80.0 | 79,600 | 80.0 | 77,800 | | | | | 80.0 | 74,100* | 80.0 | 81,500 | 80.0 | 79,400 | 80.0 | 77,700 | | | | |
| | | 85.0 | 70,000 | 85.0 | 73,700 | 85.0 | 72,000 | | | | | 85.0 | 63,200* | 85.0 | 75,500 | 85.0 | 73,500 | 85.0 | 71,900 | | | | |
| | | | 90.0 | 68,600 | 90.0 | 67,200 | 90.0 | 65,600 | 95.0 | 61,400 | 95.0 | 59,900 | | | | | | | | 95.0 | 60,900 | 100.0 | 56,000 |
| | | | | | | | | 100.0 | 57,500 | 100.0 | 56,200 | 110.0 | 49,800 | | | | | | | 100.0 | 57,100 | 105.0 | 49,600 |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 |

| 80' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 90 ft Jib | | | | | | | | | | | | 100 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 40.0 | 150,500* | | | | | | | | | | | 40.0 | 145,100* | | | | | | | | | | |
| 42.0 | 146,900* | | | | | | | | | | | 42.0 | 141,900* | | | | | | | | | | |
| 44.0 | 143,200* | | | | | | | | | | | 44.0 | 138,600* | | | | | | | | | | |
| 46.0 | 139,600* | | | | | | | | | | | 46.0 | 135,400* | | | | | | | | | | |
| 48.0 | 136,000* | | | | | | | | | | | 48.0 | 132,200* | | | | | | | | | | |
| 50.0 | 132,300* | | | | | | | | | | | 50.0 | 129,000* | | | | | | | | | | |
| 55.0 | 123,300* | 55.0 | 124,400 | | | | | | | | | 55.0 | 120,800* | | | | | | | | | | |
| 60.0 | 114,200* | 60.0 | 115,500 | | | | | | | | | 60.0 | 112,600* | 60.0 | 115,000 | | | | | | | | |
| 65.0 | 105,100* | 65.0 | 105,500 | | | | | | | | | 65.0 | 104,600* | 65.0 | 105,200 | | | | | | | | |
| 70.0 | 96,100* | 70.0 | 96,300 | 70.0 | 93,800 | | | | | | | 70.0 | 96,500* | 70.0 | 96,100 | | | | | | | | |
| 75.0 | 87,600* | 75.0 | 88,200 | 75.0 | 85,800 | | | | | | | 75.0 | 88,500* | 75.0 | 88,000 | 75.0 | 85,800 | | | | | | |
| 80.0 | 79,500* | 80.0 | 81,100 | 80.0 | 78,900 | | | | | | | 80.0 | 81,000* | 80.0 | 81,100 | 80.0 | 78,900 | | | | | | |
| 85.0 | 71,600* | 85.0 | 75,300 | 85.0 | 73,100 | | | | | | | 85.0 | 74,400* | 85.0 | 75,100 | 85.0 | 73,100 | | | | | | |
| 90.0 | 63,100* | 90.0 | 70,200 | 90.0 | 68,100 | 90.0 | 66,700 | | | | | 90.0 | 68,500* | 90.0 | 69,900 | 90.0 | 68,100 | 90.0 | 66,400 | | | | |
| 95.0 | 54,200* | 95.0 | 65,600 | 95.0 | 63,700 | 95.0 | 62,400 | | | | | 95.0 | 61,900* | 95.0 | 65,300 | 95.0 | 63,700 | 95.0 | 62,000 | | | | |
| | | 100.0 | 60,100 | 100.0 | 59,700 | 100.0 | 58,400 | 100.0 | 56,800 | | | 100.0 | 54,800* | 100.0 | 61,200 | 100.0 | 59,700 | 100.0 | 58,100 | 100.0 | 56,700 | | |
| | | | 110.0 | 53,000 | 110.0 | 51,800 | 110.0 | 50,400 | 110.0 | 49,300 | | | | 110.0 | 52,700 | 110.0 | 53,000 | 110.0 | 51,600 | 110.0 | 50,300 | | |
| | | | | | | | | 120.0 | 45,200 | 120.0 | 44,300 | | | | | | | 120.0 | 46,200 | 120.0 | 45,100 | 111.5 | 48,200 |
| | | | | | | | | | | 130.0 | 39,900 | | | | | | | | | 130.0 | 40,800 | 120.0 | 43,900 |
| | | | | | | | | | | | | | | | | | | | | | 137.7 | 37,000 | |
| Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 80' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 110 ft Jib | | | | | | | | | | | 120 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 46.0 | 119,000* | | | | | | | | | | | 46.0 | 105,100* | | | | | | | | | | |
| 48.0 | 117,600* | | | | | | | | | | | 48.0 | 104,100* | | | | | | | | | | |
| 50.0 | 116,300* | | | | | | | | | | | 50.0 | 103,200* | | | | | | | | | | |
| 55.0 | 112,300* | | | | | | | | | | | 55.0 | 100,700* | | | | | | | | | | |
| 60.0 | 107,800* | 60.0 | 113,800 | | | | | | | | | 60.0 | 98,000* | | | | | | | | | | |
| 65.0 | 103,400* | 65.0 | 105,100 | | | | | | | | | 65.0 | 95,100* | | | | | | | | | | |
| 70.0 | 96,600* | 70.0 | 96,100 | | | | | | | | | 70.0 | 91,800* | 70.0 | 94,800 | | | | | | | | |
| 75.0 | 88,900* | 75.0 | 87,900 | | | | | | | | | 75.0 | 87,500* | 75.0 | 87,700 | | | | | | | | |
| 80.0 | 81,200* | 80.0 | 80,900 | 80.0 | 78,700 | | | | | | | 80.0 | 82,100* | 80.0 | 80,700 | 80.0 | 78,700 | | | | | | |
| 85.0 | 74,600* | 85.0 | 74,800 | 85.0 | 72,800 | | | | | | | 85.0 | 75,500* | 85.0 | 74,600 | 85.0 | 72,800 | | | | | | |
| 90.0 | 69,200* | 90.0 | 69,900 | 90.0 | 67,900 | | | | | | | 90.0 | 69,900* | 90.0 | 69,700 | 90.0 | 67,700 | | | | | | |
| 95.0 | 64,200* | 95.0 | 65,300 | 95.0 | 63,500 | 95.0 | 62,000 | | | | | 95.0 | 64,900* | 95.0 | 65,100 | 95.0 | 63,300 | | | | | | |
| 100.0 | 59,200* | 100.0 | 61,200 | 100.0 | 59,400 | 100.0 | 58,100 | | | | | 100.0 | 60,400* | 100.0 | 61,000 | 100.0 | 59,400 | 100.0 | 57,700 | | | | |
| 110.0 | 47,800* | 110.0 | 54,300 | 110.0 | 52,700 | 110.0 | 51,600 | 110.0 | 50,000 | | | 110.0 | 52,000* | 110.0 | 54,100 | 110.0 | 52,700 | 110.0 | 51,200 | | | | |
| 120.0 | | 120.0 | 47,000* | 120.0 | 47,300 | 120.0 | 46,200 | 120.0 | 44,800 | 120.0 | 43,700 | 120.0 | 42,400* | 120.0 | 48,600 | 120.0 | 47,300 | 120.0 | 46,000 | 111.5 | 48,900 | | |
| 130.0 | | | | 130.0 | 42,800 | 130.0 | 41,700 | 130.0 | 40,400 | 130.0 | 39,500 | | | 130.0 | 41,600 | 130.0 | 42,800 | 130.0 | 41,500 | 120.0 | 44,700 | 124.6 | 41,400 |
| 140.0 | | | | | | | | 140.0 | 36,900 | 140.0 | 36,000 | | | | | | | 140.0 | 37,800 | 130.0 | 40,400 | 130.0 | 39,200 |
| 150.0 | | | | | | | | 144.3 | 35,400 | 150.0 | 32,900 | | | | | | | 144.3 | 36,300 | 150.0 | 33,700 | 150.0 | 32,600 |
| | | | | | | | | | | | | | | | | | | | | 150.9 | 33,500 | 157.4 | 30,600 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 80' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 130 ft Jib | | | | | | | | | | | 140 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 55.0 | 86,500* | | | | | | | | | | | 55.0 | 74,100* | | | | | | | | | | |
| 60.0 | 84,900* | | | | | | | | | | | 60.0 | 73,000* | | | | | | | | | | |
| 65.0 | 82,900* | | | | | | | | | | | 65.0 | 71,900* | | | | | | | | | | |
| 70.0 | 81,000* | 70.0 | 84,600* | | | | | | | | | 70.0 | 70,900* | | | | | | | | | | |
| 75.0 | 78,700* | 75.0 | 82,800* | | | | | | | | | 75.0 | 69,600* | 75.0 | 71,500* | | | | | | | | |
| 80.0 | 76,000* | 80.0 | 79,800 | | | | | | | | | 80.0 | 68,100* | 80.0 | 70,500* | | | | | | | | |
| 85.0 | 73,100* | 85.0 | 74,600 | | | | | | | | | 85.0 | 66,600* | 85.0 | 69,700* | | | | | | | | |
| 90.0 | 69,900* | 90.0 | 69,500 | 90.0 | 67,700 | | | | | | | 90.0 | 64,300* | 90.0 | 67,700* | | | | | | | | |
| 95.0 | 65,700* | 95.0 | 65,000 | 95.0 | 63,200 | | | | | | | 95.0 | 62,100* | 95.0 | 64,500 | 95.0 | 63,200 | | | | | | |
| 100.0 | 61,100* | 100.0 | 61,000 | 100.0 | 59,200 | | | | | | | 100.0 | 59,800* | 100.0 | 60,800 | 100.0 | 59,200 | | | | | | |
| 110.0 | 53,500* | 110.0 | 54,100 | 110.0 | 52,500 | 110.0 | 51,200 | | | | | 110.0 | 53,700* | 110.0 | 54,100 | 110.0 | 52,500 | 110.0 | 50,900 | | | | |
| 120.0 | 46,200* | 120.0 | 48,400 | 120.0 | 47,100 | 120.0 | 45,800 | 120.0 | 44,500 | | | 120.0 | 47,700* | 120.0 | 48,400 | 120.0 | 47,100 | 120.0 | 45,800 | | | | |
| 130.0 | 38,000* | 130.0 | 43,900 | 130.0 | 42,600 | 130.0 | 41,500 | 130.0 | 40,200 | | | 130.0 | 41,200* | 130.0 | 43,700 | 130.0 | 42,600 | 130.0 | 41,300 | 130.0 | 40,100 | | |
| | | | | 140.0 | 38,800 | 140.0 | 37,800 | 140.0 | 36,700 | 130.0 | 38,500 | 140.0 | 34,000* | 140.0 | 39,800 | 140.0 | 38,700 | 140.0 | 37,600 | 140.0 | 36,500 | 140.0 | 35,400 |
| | | | | 150.0 | 35,500 | 150.0 | 34,400 | 150.0 | 33,500 | 140.0 | 35,600 | 150.0 | 33,700* | 150.0 | 35,500 | 150.0 | 35,500 | 150.0 | 34,400 | 150.0 | 33,300 | 150.0 | 32,400 |
| | | | | | | | | 160.0 | 30,800 | 150.0 | 32,600 | | | | | | | 160.0 | 31,700 | 160.0 | 30,700 | 160.0 | 29,800 |
| | | | | | | | | | | 160.0 | 29,900 | | | | | | | | | 170.0 | 28,300 | 170.0 | 27,400 |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 80' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 190 ft Jib | | | | | | | | | | | | 200 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 70.0 | 45,000* | | | | | | | | | | | 70.0 | 40,400* | | | | | | | | | | |
| 75.0 | 43,800* | | | | | | | | | | | 75.0 | 39,500* | | | | | | | | | | |
| 80.0 | 42,300* | | | | | | | | | | | 80.0 | 38,100* | | | | | | | | | | |
| 85.0 | 40,600* | | | | | | | | | | | 85.0 | 36,600* | | | | | | | | | | |
| 90.0 | 39,100* | | | | | | | | | | | 90.0 | 35,300* | | | | | | | | | | |
| 95.0 | 37,500* | 95.0 | 38,900* | | | | | | | | | 95.0 | 33,800* | 95.0 | 35,200* | | | | | | | | |
| 100.0 | 35,900* | 100.0 | 37,400* | | | | | | | | | 100.0 | 32,400* | 100.0 | 33,700* | | | | | | | | |
| 110.0 | 33,200* | 110.0 | 34,500* | | | | | | | | | 110.0 | 30,100* | 110.0 | 31,200* | | | | | | | | |
| 120.0 | 30,800* | 120.0 | 31,900* | 120.0 | 33,000* | | | | | | | 120.0 | 28,000* | 120.0 | 28,900* | 120.0 | 29,900* | | | | | | |
| 130.0 | 28,600* | 130.0 | 29,600* | 130.0 | 30,700* | | | | | | | 130.0 | 26,000* | 130.0 | 26,900* | 130.0 | 27,800* | | | | | | |
| 140.0 | 26,600* | 140.0 | 27,500* | 140.0 | 28,600* | 140.0 | 29,500* | | | | | 140.0 | 24,300* | 140.0 | 25,200* | 140.0 | 26,000* | 140.0 | 26,700* | | | | |
| 150.0 | 24,800* | 150.0 | 25,700* | 150.0 | 26,600* | 150.0 | 27,500* | | | | | 150.0 | 22,600* | 150.0 | 23,500* | 150.0 | 24,100* | 150.0 | 25,000* | | | | |
| 160.0 | 23,200* | 160.0 | 24,000* | 160.0 | 24,900* | 160.0 | 25,800* | 160.0 | 26,400* | | | 160.0 | 21,200* | 160.0 | 21,900* | 160.0 | 22,700* | 160.0 | 23,400* | 160.0 | 24,100* | | |
| 170.0 | 21,700* | 170.0 | 22,500* | 170.0 | 23,200* | 170.0 | 24,100* | 170.0 | 24,700* | | | 170.0 | 19,900* | 170.0 | 20,500* | 170.0 | 21,200* | 170.0 | 21,900* | 170.0 | 22,500* | | |
| 180.0 | 20,300* | 180.0 | 21,100* | 180.0 | 21,800* | 180.0 | 22,500* | 180.0 | 23,300* | 180.0 | 23,900 | 180.0 | 18,600* | 180.0 | 19,400* | 180.0 | 20,100* | 180.0 | 20,600* | 180.0 | 21,200* | 180.0 | 21,800* |
| 190.0 | 18,300* | 190.0 | 19,600* | 190.0 | 20,500* | 190.0 | 21,200* | 190.0 | 21,800* | 190.0 | 22,300 | 190.0 | 17,400* | 190.0 | 18,100* | 190.0 | 18,700* | 190.0 | 19,400* | 190.0 | 20,000* | 190.0 | 20,500* |
| | | | | 200.0 | 18,800* | 200.0 | 19,800* | 200.0 | 20,500* | 200.0 | 20,700 | 200.0 | 16,300* | 200.0 | 17,000* | 200.0 | 17,700* | 200.0 | 18,300* | 200.0 | 18,800* | 200.0 | 19,400* |
| | | | | | | | | 210.0 | 19,100* | 210.0 | 19,100 | | | | | 210.0 | 16,700* | 210.0 | 17,100* | 210.0 | 17,800* | 210.0 | 18,200* |
| | | | | | | | | | | 220.0 | 18,000 | | | | | | | 220.0 | 16,000* | 220.0 | 16,800* | 220.0 | 17,200* |
| | | | | | | | | | | | | | | | | | | | | | 230.0 | 16,200* | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 90' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 70 ft Jib | | | | | | | | | | | | 80 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 34.0 | 159,400* | | | | | | | | | | | | | | | | | | | | | | |
| 36.0 | 155,500* | | | | | | | | | | | | | | | | | | | | | | |
| 38.0 | 151,600* | | | | | | | | | | | | | | | | | | | | | | |
| 40.0 | 147,700* | | | | | | | | | | | 40.0 | 147,200* | | | | | | | | | | |
| 42.0 | 143,800* | | | | | | | | | | | 42.0 | 143,700* | | | | | | | | | | |
| 44.0 | 139,800* | | | | | | | | | | | 44.0 | 140,200* | | | | | | | | | | |
| 46.0 | 135,800* | 46.0 | 144,000 | | | | | | | | | 46.0 | 136,700* | | | | | | | | | | |
| 48.0 | 131,900* | 48.0 | 139,300 | | | | | | | | | 48.0 | 133,300* | | | | | | | | | | |
| 50.0 | 128,000* | 50.0 | 134,600 | | | | | | | | | 50.0 | 129,900* | | | | | | | | | | |
| 55.0 | 118,300* | 55.0 | 124,900 | | | | | | | | | 55.0 | 121,300* | 55.0 | 124,600 | | | | | | | | |
| 60.0 | 108,500* | 60.0 | 116,700 | 60.0 | 114,200 | | | | | | | 60.0 | 112,700* | 60.0 | 116,300 | | | | | | | | |
| 65.0 | 98,600* | 65.0 | 105,600 | 65.0 | 103,000 | | | | | | | 65.0 | 104,000* | 65.0 | 105,600 | | | | | | | | |
| 70.0 | 88,900* | 70.0 | 96,300 | 70.0 | 93,800 | | | | | | | 70.0 | 95,400* | 70.0 | 96,300 | 70.0 | 93,500 | | | | | | |
| 75.0 | 76,400* | 75.0 | 88,200 | 75.0 | 85,900 | 75.0 | 83,600 | | | | | 75.0 | 85,900* | 75.0 | 88,200 | 75.0 | 85,600 | | | | | | |
| | | 80.0 | 80,900 | 80.0 | 79,200 | 80.0 | 77,000 | | | | | 80.0 | 75,500* | 80.0 | 81,100 | 80.0 | 78,700 | 80.0 | 76,800 | | | | |
| | | 85.0 | 74,200 | 85.0 | 73,300 | 85.0 | 71,300 | | | | | 85.0 | 64,800* | 85.0 | 75,100 | 85.0 | 72,800 | 85.0 | 71,100 | | | | |
| | | | | 90.0 | 68,200 | 90.0 | 66,500 | 90.0 | 64,800 | | | | | 90.0 | 69,900 | 90.0 | 67,900 | 90.0 | 66,300 | | | | |
| | | | | | | 95.0 | 62,100 | 95.0 | 60,500 | | | | | | | 100.0 | 59,500 | 100.0 | 58,100 | 95.0 | 60,000 | | |
| | | | | | | | | 100.0 | 56,700 | | | | | | | | | | 100.0 | 50,000 | 100.0 | 56,200 | |
| | | | | | | | | | | 110.0 | 55,100 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | 110.0 | 48,700 |
| | | | | | | | | | | | | | | | | | | | | | | 120.0 | 43,700 |
| Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 |

| 90' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 90 ft Jib | | | | | | | | | | | | 100 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 40.0 | 147,700* | | | | | | | | | | | 40.0 | 142,500* | | | | | | | | | | |
| 42.0 | 144,300* | | | | | | | | | | | 42.0 | 140,200* | | | | | | | | | | |
| 44.0 | 140,800* | | | | | | | | | | | 44.0 | 138,000* | | | | | | | | | | |
| 46.0 | 137,400* | | | | | | | | | | | 46.0 | 135,600* | | | | | | | | | | |
| 48.0 | 134,000* | | | | | | | | | | | 48.0 | 132,400* | | | | | | | | | | |
| 50.0 | 130,500* | | | | | | | | | | | 50.0 | 129,200* | | | | | | | | | | |
| 55.0 | 122,000* | 55.0 | 124,200 | | | | | | | | | 55.0 | 121,200* | | | | | | | | | | |
| 60.0 | 113,400* | 60.0 | 115,300 | | | | | | | | | 60.0 | 113,300* | 60.0 | 115,000 | | | | | | | | |
| 65.0 | 104,800* | 65.0 | 105,200 | | | | | | | | | 65.0 | 105,200* | 65.0 | 105,200 | | | | | | | | |
| 70.0 | 96,300* | 70.0 | 95,900 | | | | | | | | | 70.0 | 97,200* | 70.0 | 96,100 | | | | | | | | |
| 75.0 | 88,000* | 75.0 | 87,800 | 75.0 | 85,300 | | | | | | | 75.0 | 89,100* | 75.0 | 87,900 | 75.0 | 85,300 | | | | | | |
| 80.0 | 80,100* | 80.0 | 80,900 | 80.0 | 78,500 | | | | | | | 80.0 | 81,400* | 80.0 | 80,900 | 80.0 | 78,500 | | | | | | |
| 85.0 | 72,700* | 85.0 | 74,800 | 85.0 | 72,600 | | | | | | | 85.0 | 74,900* | 85.0 | 74,800 | 85.0 | 72,600 | | | | | | |
| 90.0 | 64,200* | 90.0 | 69,700 | 90.0 | 67,700 | 90.0 | 65,900 | | | | | 90.0 | 69,300* | 90.0 | 69,900 | 90.0 | 67,700 | | | | | | |
| 95.0 | 55,300* | 95.0 | 65,200 | 95.0 | 63,200 | 95.0 | 61,600 | | | | | 95.0 | 62,800* | 95.0 | 65,300 | 95.0 | 63,200 | 95.0 | 61,600 | | | | |
| | | 100.0 | 60,600 | 100.0 | 59,200 | 100.0 | 57,800 | 100.0 | 55,900 | | | 100.0 | 55,700* | 100.0 | 61,200 | 100.0 | 59,200 | 100.0 | 57,700 | | | | |
| | | | | 110.0 | 52,700 | 110.0 | 51,400 | 110.0 | 49,600 | | | | | 110.0 | 54,300 | 110.0 | 52,700 | 110.0 | 51,200 | 110.0 | 49,600 | | |
| | | | | | | | | 120.0 | 44,500 | | | | | | | | | 120.0 | 46,000 | 120.0 | 44,300 | 120.0 | 43,200 |
| | | | | | | | | | | 120.0 | 43,400 | | | | | | | | | | | 130.0 | 39,000 |
| | | | | | | | | | | | | 130.0 | 39,200 | | | | | | | | | 140.0 | 35,600 |
| Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 90' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 110 ft Jib | | | | | | | | | | | | 120 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 46.0 | 119,000* | | | | | | | | | | | 46.0 | 105,100* | | | | | | | | | | |
| 48.0 | 117,700* | | | | | | | | | | | 48.0 | 104,200* | | | | | | | | | | |
| 50.0 | 116,400* | | | | | | | | | | | 50.0 | 103,300* | | | | | | | | | | |
| 55.0 | 112,500* | | | | | | | | | | | 55.0 | 100,900* | | | | | | | | | | |
| 60.0 | 108,000* | 60.0 | 113,400 | | | | | | | | | 60.0 | 98,200* | | | | | | | | | | |
| 65.0 | 103,700* | 65.0 | 104,600 | | | | | | | | | 65.0 | 95,300* | | | | | | | | | | |
| 70.0 | 96,900* | 70.0 | 95,600 | | | | | | | | | 70.0 | 92,200* | 70.0 | 94,800 | | | | | | | | |
| 75.0 | 89,300* | 75.0 | 87,600 | | | | | | | | | 75.0 | 87,900* | 75.0 | 87,400 | | | | | | | | |
| 80.0 | 81,600* | 80.0 | 80,700 | 80.0 | 78,100 | | | | | | | 80.0 | 82,500* | 80.0 | 80,400 | | | | | | | | |
| 85.0 | 75,100* | 85.0 | 74,600 | 85.0 | 72,200 | | | | | | | 85.0 | 75,800* | 85.0 | 74,400 | | | | | | | | |
| 90.0 | 69,500* | 90.0 | 69,500 | 90.0 | 67,200 | | | | | | | 90.0 | 70,100* | 90.0 | 69,300 | 90.0 | 67,200 | | | | | | |
| 95.0 | 64,500* | 95.0 | 65,000 | 95.0 | 62,900 | | | | | | | 95.0 | 65,100* | 95.0 | 64,800 | 95.0 | 62,800 | | | | | | |
| 100.0 | 59,500* | 100.0 | 61,000 | 100.0 | 59,000 | 100.0 | 57,300 | | | | | 100.0 | 60,600* | 100.0 | 60,700 | 100.0 | 58,800 | 100.0 | 57,000 | | | | |
| 110.0 | 48,500* | 110.0 | 54,100 | 110.0 | 52,300 | 110.0 | 50,900 | | | | | 110.0 | 52,600* | 110.0 | 53,800 | 110.0 | 52,300 | 110.0 | 50,700 | | | | |
| | | 120.0 | 47,800 | 120.0 | 46,900 | 120.0 | 45,600 | 120.0 | 44,000 | | | 120.0 | 43,100* | 120.0 | 48,400 | 120.0 | 46,900 | 120.0 | 45,400 | 120.0 | 43,900 | | |
| | | | | 130.0 | 42,400 | 130.0 | 41,200 | 130.0 | 39,700 | 130.0 | 38,800 | | | | | | | | | | | | |
| | | | | | | 140.0 | 36,200 | 140.0 | 35,200 | 150.0 | 32,200 | | | | | | | | | | | | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 90' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 130 ft Jib | | | | | | | | | | | | 140 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 55.0 | 86,300* | | | | | | | | | | | 55.0 | 74,100* | | | | | | | | | | |
| 60.0 | 84,700* | | | | | | | | | | | 60.0 | 72,700* | | | | | | | | | | |
| 65.0 | 82,800* | | | | | | | | | | | 65.0 | 71,300* | | | | | | | | | | |
| 70.0 | 80,900* | | | | | | | | | | | 70.0 | 70,000* | | | | | | | | | | |
| 75.0 | 78,600* | 75.0 | 83,200* | | | | | | | | | 75.0 | 68,600* | 75.0 | 71,700* | | | | | | | | |
| 80.0 | 76,000* | 80.0 | 80,100 | | | | | | | | | 80.0 | 67,300* | 80.0 | 70,700* | | | | | | | | |
| 85.0 | 73,300* | 85.0 | 74,400 | | | | | | | | | 85.0 | 65,900* | 85.0 | 69,900* | | | | | | | | |
| 90.0 | 70,100* | 90.0 | 69,300 | 90.0 | 67,200 | | | | | | | 90.0 | 64,000* | 90.0 | 68,100 | | | | | | | | |
| 95.0 | 66,000* | 95.0 | 64,800 | 95.0 | 62,800 | | | | | | | 95.0 | 61,700* | 95.0 | 64,700 | 95.0 | 62,700 | | | | | | |
| 100.0 | 61,500* | 100.0 | 60,700 | 100.0 | 58,800 | | | | | | | 100.0 | 59,500* | 100.0 | 60,500 | 100.0 | 58,800 | | | | | | |
| 110.0 | 53,700* | 110.0 | 53,800 | 110.0 | 52,300 | 110.0 | 50,500 | | | | | 110.0 | 54,000* | 110.0 | 53,800 | 110.0 | 52,000 | | | | | | |
| 120.0 | 46,900* | 120.0 | 48,200 | 120.0 | 46,700 | 120.0 | 45,400 | | | | | 120.0 | 47,700* | 120.0 | 48,200 | 120.0 | 46,700 | 120.0 | 45,100 | | | | |
| 130.0 | 38,600* | 130.0 | 43,700 | 130.0 | 42,300 | 130.0 | 40,800 | 130.0 | 39,500 | | | 130.0 | 41,700* | 130.0 | 43,500 | 130.0 | 42,200 | 130.0 | 40,800 | | | | |
| | | 140.0 | 38,700 | 140.0 | 38,500 | 140.0 | 37,100 | 140.0 | 36,000 | 140.0 | 34,800 | | | | | | | | | | | | |
| | | | | 150.0 | 35,300 | 150.0 | 34,000 | 150.0 | 32,900 | 150.0 | 31,800 | | | | | | | | | | | | |
| | | | | | | 160.0 | 30,200 | 160.0 | 29,300 | 170.0 | 27,000 | | | | | | | | | | | | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 90' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 150 ft Jib | | | | | | | | | | 160 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 60.0 | 63,000* | | | | | | | | | | | 60.0 | 53,800* | | | | | | | | | | |
| 65.0 | 62,000* | | | | | | | | | | | 65.0 | 52,800* | | | | | | | | | | |
| 70.0 | 61,000* | | | | | | | | | | | 70.0 | 51,800* | | | | | | | | | | |
| 75.0 | 60,100* | | | | | | | | | | | 75.0 | 50,800* | | | | | | | | | | |
| 80.0 | 59,300* | 80.0 | 60,800* | | | | | | | | | 80.0 | 50,000* | 80.0 | 51,500* | | | | | | | | |
| 85.0 | 58,400* | 85.0 | 60,000* | | | | | | | | | 85.0 | 49,400* | 85.0 | 50,700* | | | | | | | | |
| 90.0 | 57,400* | 90.0 | 59,100* | | | | | | | | | 90.0 | 48,700* | 90.0 | 49,900* | | | | | | | | |
| 95.0 | 55,800* | 95.0 | 58,300* | | | | | | | | | 95.0 | 47,400* | 95.0 | 49,100* | | | | | | | | |
| 100.0 | 53,800* | 100.0 | 57,100* | 100.0 | 58,000* | | | | | | | 100.0 | 45,700* | 100.0 | 48,200* | 100.0 | 49,600* | | | | | | |
| 110.0 | 49,900* | 110.0 | 53,000* | 110.0 | 51,600* | | | | | | | 110.0 | 42,400* | 110.0 | 45,100* | 110.0 | 47,900* | | | | | | |
| 120.0 | 46,500* | 120.0 | 47,900* | 120.0 | 46,200* | 120.0 | 44,700* | | | | | 120.0 | 39,300* | 120.0 | 41,900* | 120.0 | 44,500* | 120.0 | 44,700* | | | | |
| 130.0 | 42,400* | 130.0 | 43,300* | 130.0 | 41,700* | 130.0 | 40,400* | | | | | 130.0 | 36,800* | 130.0 | 39,100* | 130.0 | 41,300* | 130.0 | 40,400* | | | | |
| 140.0 | 37,100* | 140.0 | 39,300* | 140.0 | 38,000* | 140.0 | 36,700* | 140.0 | 35,400* | | | 140.0 | 34,300* | 140.0 | 36,500* | 140.0 | 38,000* | 140.0 | 36,700* | 140.0 | 35,400* | | |
| 150.0 | 30,900* | 150.0 | 36,000* | 150.0 | 34,800* | 150.0 | 33,500* | 150.0 | 32,400* | | | 150.0 | 31,300* | 150.0 | 34,300* | 150.0 | 34,800* | 150.0 | 33,500* | 150.0 | 32,400* | | |
| | | 160.0 | 31,300* | 160.0 | 32,000* | 160.0 | 30,900* | 160.0 | 29,800* | 160.0 | 28,700* | 160.0 | 28,300* | 160.0 | 32,400* | 160.0 | 32,000* | 160.0 | 30,800* | 160.0 | 29,800* | 160.0 | 28,700* |
| | | | 170.0 | 29,600* | 170.0 | 28,500* | | | | 170.0 | 27,400* | 170.0 | 26,500* | 170.0 | 28,700* | 170.0 | 29,400* | 170.0 | 28,500* | 170.0 | 27,400* | 170.0 | 26,300* |
| | | | | | | | | 180.0 | 25,500* | 180.0 | 24,500* | | | | | | | 180.0 | 25,400* | 180.0 | 24,400* | | |
| | | | | | | | | | | 190.0 | 22,700* | | | | | | | | | 190.0 | 23,600* | 190.0 | 22,700* |
| | | | | | | | | | | | | | | | | | | | | | 200.0 | 21,100* | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 90' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 170 ft Jib | | | | | | | | | | 180 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 60.0 | 56,500* | | | | | | | | | | | 70.0 | 49,600* | | | | | | | | | | |
| 65.0 | 56,000* | | | | | | | | | | | 75.0 | 48,500* | | | | | | | | | | |
| 70.0 | 54,600* | | | | | | | | | | | 80.0 | 46,900* | | | | | | | | | | |
| 75.0 | 53,000* | | | | | | | | | | | 85.0 | 45,000* | | | | | | | | | | |
| 80.0 | 51,300* | | | | | | | | | | | 90.0 | 43,200* | 90.0 | 44,900* | | | | | | | | |
| 85.0 | 49,400* | | | | | | | | | | | 95.0 | 41,300* | 95.0 | 43,100* | | | | | | | | |
| 90.0 | 47,600* | 90.0 | 48,500* | | | | | | | | | 100.0 | 39,600* | 100.0 | 41,300* | | | | | | | | |
| 95.0 | 45,700* | 95.0 | 46,700* | | | | | | | | | 110.0 | 36,600* | 110.0 | 37,900* | | | | | | | | |
| 100.0 | 43,900* | 100.0 | 45,100* | | | | | | | | | 120.0 | 33,800* | 120.0 | 35,200* | 120.0 | 36,400* | | | | | | |
| 110.0 | 40,400* | 110.0 | 41,700* | 110.0 | 42,700* | | | | | | | 130.0 | 31,300* | 130.0 | 32,500* | 130.0 | 33,700* | | | | | | |
| 120.0 | 37,100* | 120.0 | 38,400* | 120.0 | 39,500* | | | | | | | 140.0 | 29,000* | 140.0 | 30,100* | 140.0 | 31,300* | 140.0 | 32,300* | | | | |
| 130.0 | 33,900* | 130.0 | 35,200* | 130.0 | 36,500* | 130.0 | 37,400* | | | | | 150.0 | 27,000* | 150.0 | 28,100* | 150.0 | 29,000* | 150.0 | 30,100* | | | | |
| 140.0 | 30,800* | 140.0 | 32,200* | 140.0 | 33,500* | 140.0 | 34,600* | | | | | 160.0 | 25,200* | 160.0 | 26,200* | 160.0 | 27,200* | 160.0 | 28,100* | 160.0 | 28,900* | | |
| 150.0 | 27,800* | 150.0 | 29,300* | 150.0 | 30,600* | 150.0 | 31,700* | 150.0 | 31,800* | | | 170.0 | 23,200* | 170.0 | 24,500* | 170.0 | 25,400* | 170.0 | 26,300* | 170.0 | 26,700* | | |
| 160.0 | 25,000* | 160.0 | 26,600* | 160.0 | 27,900* | 160.0 | 29,100* | 160.0 | 29,100* | | | 180.0 | 20,600* | 180.0 | 22,100* | 180.0 | 23,500* | 180.0 | 24,500* | 180.0 | 24,700* | 180.0 | 23,700* |
| 170.0 | 22,200* | 170.0 | 23,900* | 170.0 | 25,200* | 170.0 | 26,600* | 170.0 | 26,800* | 170.0 | 25,900* | | | | 190.0 | 19,600* | 190.0 | 21,200* | 190.0 | 22,300* | 190.0 | 22,000* | |
| | | | 180.0 | 21,000* | 180.0 | 22,800* | 180.0 | 24,100* | 180.0 | 24,800* | 180.0 | 23,800* | | | | | | 200.0 | 20,200* | 200.0 | 21,200* | 200.0 | 20,400* |
| | | | | 190.0 | 20,100* | 190.0 | 21,600* | 190.0 | 22,900* | 190.0 | 22,000* | | | | | | | | | 210.0 | 19,100* | 210.0 | 18,900* |
| | | | | | | | | 200.0 | 20,600* | 200.0 | 20,600* | | | | | | | | | | 220.0 | 17,800* | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 90' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 190 ft Jib | | | | | | | | | | | 200 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 70.0 | 44,500* | | | | | | | | | | | | | | | | | | | | | | |
| 75.0 | 43,500* | | | | | | | | | | | 75.0 | 39,200* | | | | | | | | | | |
| 80.0 | 42,100* | | | | | | | | | | | 80.0 | 38,000* | | | | | | | | | | |
| 85.0 | 40,600* | | | | | | | | | | | 85.0 | 36,600* | | | | | | | | | | |
| 90.0 | 38,900* | | | | | | | | | | | 90.0 | 35,100* | | | | | | | | | | |
| 95.0 | 37,400* | 95.0 | 38,800* | | | | | | | | | 95.0 | 33,700* | 95.0 | 35,000* | | | | | | | | |
| 100.0 | 35,800* | 100.0 | 37,200* | | | | | | | | | 100.0 | 32,400* | 100.0 | 33,700* | | | | | | | | |
| 110.0 | 33,200* | 110.0 | 34,300* | | | | | | | | | 110.0 | 30,000* | 110.0 | 31,200* | | | | | | | | |
| 120.0 | 30,700* | 120.0 | 31,900* | 120.0 | 33,000* | | | | | | | 120.0 | 27,800* | 120.0 | 28,900* | 120.0 | 29,900* | | | | | | |
| 130.0 | 28,500* | 130.0 | 29,600* | 130.0 | 30,700* | | | | | | | 130.0 | 26,000* | 130.0 | 26,900* | 130.0 | 27,800* | | | | | | |
| 140.0 | 26,600* | 140.0 | 27,500* | 140.0 | 28,400* | 140.0 | 29,500* | | | | | 140.0 | 24,300* | 140.0 | 24,900* | 140.0 | 25,800* | 140.0 | 26,700* | | | | |
| 150.0 | 24,800* | 150.0 | 25,700* | 150.0 | 26,600* | 150.0 | 27,500* | | | | | 150.0 | 22,600* | 150.0 | 23,400* | 150.0 | 24,100* | 150.0 | 25,000* | | | | |
| 160.0 | 23,200* | 160.0 | 24,000* | 160.0 | 24,900* | 160.0 | 25,500* | 160.0 | 26,400* | | | 160.0 | 21,200* | 160.0 | 21,900* | 160.0 | 22,700* | 160.0 | 23,300* | | | | |
| 170.0 | 21,700* | 170.0 | 22,500* | 170.0 | 23,200* | 170.0 | 24,100* | 170.0 | 24,700* | | | 170.0 | 19,900* | 170.0 | 20,500* | 170.0 | 21,200* | 170.0 | 21,900* | 170.0 | 22,500* | | |
| 180.0 | 20,300* | 180.0 | 21,200* | 180.0 | 21,800* | 180.0 | 22,500* | 180.0 | 23,200* | 180.0 | 23,300 | 180.0 | 18,600* | 180.0 | 19,300* | 180.0 | 19,900* | 180.0 | 20,500* | 180.0 | 21,200* | | |
| 190.0 | 18,500* | 190.0 | 19,800* | 190.0 | 20,500* | 190.0 | 21,200* | 190.0 | 21,800* | 190.0 | 21,600 | 190.0 | 17,600* | 190.0 | 18,300* | 190.0 | 18,700* | 190.0 | 19,400* | 190.0 | 19,800* | 190.0 | 20,500* |
| | | 200.0 | 17,600* | 200.0 | 18,900* | 200.0 | 19,800* | 200.0 | 20,500* | 200.0 | 20,000 | 200.0 | 16,400* | 200.0 | 17,000* | 200.0 | 17,700* | 200.0 | 18,300* | 200.0 | 18,800* | 200.0 | 19,300* |
| | | | | | | 210.0 | 18,000* | 210.0 | 19,100* | 210.0 | 18,700 | | | | | 210.0 | 16,700* | 210.0 | 17,100* | 210.0 | 17,800* | 210.0 | 18,200 |
| | | | | | | | | 220.0 | 17,100* | 220.0 | 17,500 | | | | | | | 220.0 | 16,100* | 220.0 | 16,800* | 220.0 | 17,100 |
| | | | | | | | | | | | | | | | | | | | | 230.0 | 15,500* | 230.0 | 16,000 |
| | | | | | | | | | | | | | | | | | | | | | | 240.0 | 14,700 |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 100' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|---|
| 70 ft Jib | | | | | | | | | | | | 80 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 34.0 | 152,800* | | | | | | | | | | | | | | | | | | | | | | |
| 36.0 | 150,600* | | | | | | | | | | | | | | | | | | | | | | |
| 38.0 | 148,300* | | | | | | | | | | | | | | | | | | | | | | |
| 40.0 | 145,600* | | | | | | | | | | | 40.0 | 144,900* | | | | | | | | | | |
| 42.0 | 141,900* | | | | | | | | | | | 42.0 | 141,600* | | | | | | | | | | |
| 44.0 | 138,200* | | | | | | | | | | | 44.0 | 138,300* | | | | | | | | | | |
| 46.0 | 134,500* | | | | | | | | | | | 46.0 | 135,000* | | | | | | | | | | |
| 48.0 | 130,800* | | | | | | | | | | | 48.0 | 131,800* | | | | | | | | | | |
| 50.0 | 127,100* | | | | | | | | | | | 50.0 | 128,500* | | | | | | | | | | |
| 55.0 | 117,900* | 55.0 | 124,700 | | | | | | | | | 55.0 | 120,400* | 55.0 | 124,200 | | | | | | | | |
| 60.0 | 108,700* | 60.0 | 116,500 | | | | | | | | | 60.0 | 112,200* | 60.0 | 115,900 | | | | | | | | |
| 65.0 | 99,400* | 65.0 | 105,400 | | | | | | | | | 65.0 | 104,100* | 65.0 | 105,100 | | | | | | | | |
| 70.0 | 90,200* | 70.0 | 96,100 | 70.0 | 93,100 | | | | | | | 70.0 | 95,900* | 70.0 | 95,800 | 70.0 | 92,700 | | | | | | |
| 75.0 | 78,000* | 75.0 | 88,000 | 75.0 | 85,300 | | | | | | | 75.0 | 86,800* | 75.0 | 87,800 | 75.0 | 84,800 | | | | | | |
| | | 80.0 | 81,100 | 80.0 | 78,500 | 80.0 | 76,300 | | | | | 80.0 | 76,800* | 80.0 | 80,900 | 80.0 | 78,100 | | | | | | |
| | | 85.0 | 75,100 | 85.0 | 72,600 | 85.0 | 70,600 | | | | | 85.0 | 65,900* | 85.0 | 74,800 | 85.0 | 72,400 | | | | | | |
| | | | | 90.0 | 67,700 | 90.0 | 65,900 | | | | | | | 90.0 | 69,700 | 90.0 | 67,500 | 90.0 | 65,400 | | | | |
| | | | | | | 95.0 | 61,600 | 95.0 | 59,500 | | | | | 95.0 | 63,500 | 95.0 | 63,000 | 95.0 | 61,100 | | | | |
| | | | | | | 100.0 | 57,700 | 100.0 | 55,800 | | | | | | | 100.0 | 59,000 | 100.0 | 57,300 | 100.0 | 55,300 | | |
| | | | | | | | | 110.0 | 49,400 | | | | | | | | | 110.0 | 50,900 | 110.0 | 49,100 | | |
| | | | | | | | | | | | | | | | | | | | | | 120.0 | 42,800 | |
| | | | | | | | | | | | | | | | | | | | | | 130.0 | 38,600 | |
| Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 |

| 100' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|--------|
| 90 ft Jib | | | | | | | | | | | | 100 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 40.0 | 143,400* | | | | | | | | | | | | | | | | | | | | | | |
| 42.0 | 140,200* | | | | | | | | | | | | | | | | | | | | | | |
| 44.0 | 137,000* | | | | | | | | | | | | | | | | | | | | | | |
| 46.0 | 133,900* | | | | | | | | | | | 46.0 | 133,400* | | | | | | | | | | |
| 48.0 | 130,800* | | | | | | | | | | | 48.0 | 130,400* | | | | | | | | | | |
| 50.0 | 127,700* | | | | | | | | | | | 50.0 | 127,400* | | | | | | | | | | |
| 55.0 | 119,900* | | | | | | | | | | | 55.0 | 119,900* | | | | | | | | | | |
| 60.0 | 112,000* | 60.0 | 115,100 | | | | | | | | | 60.0 | 112,500* | 60.0 | 114,500 | | | | | | | | |
| 65.0 | 104,300* | 65.0 | 105,000 | | | | | | | | | 65.0 | 104,900* | 65.0 | 104,800 | | | | | | | | |
| 70.0 | 96,400* | 70.0 | 95,800 | | | | | | | | | 70.0 | 97,400* | 70.0 | 95,600 | | | | | | | | |
| 75.0 | 88,400* | 75.0 | 87,800 | 75.0 | 84,600 | | | | | | | 75.0 | 89,500* | 75.0 | 87,600 | | | | | | | | |
| 80.0 | 80,600* | 80.0 | 80,900 | 80.0 | 77,800 | | | | | | | 80.0 | 81,800* | 80.0 | 80,700 | 80.0 | 77,800 | | | | | | |
| 85.0 | 73,600* | 85.0 | 74,800 | 85.0 | 72,000 | | | | | | | 85.0 | 75,100* | 85.0 | 74,600 | 85.0 | 72,000 | | | | | | |
| 90.0 | 65,100* | 90.0 | 69,700 | 90.0 | 67,000 | 90.0 | 65,400 | | | | | 90.0 | 69,500* | 90.0 | 69,500 | 90.0 | 67,000 | | | | | | |
| 95.0 | 56,300* | 95.0 | 65,200 | 95.0 | 62,700 | 95.0 | 61,100 | | | | | 95.0 | 63,200* | 95.0 | 65,000 | 95.0 | 62,700 | 95.0 | 60,800 | | | | |
| | | 100.0 | 61,200 | 100.0 | 58,800 | 100.0 | 57,300 | | | | | 100.0 | 56,400* | 100.0 | 61,000 | 100.0 | 58,800 | 100.0 | 57,000 | | | | |
| | | | | 110.0 | 52,100 | 110.0 | 50,700 | 110.0 | 48,700 | | | | | 110.0 | 54,100 | 110.0 | 52,100 | 110.0 | 50,500 | | | | |
| | | | | | | 120.0 | 45,600 | 120.0 | 43,700 | 120.0 | 42,600 | | | | | 120.0 | 46,700 | 120.0 | 45,400 | 120.0 | 43,600 | | |
| | | | | | | | | 130.0 | 39,500 | 130.0 | 38,400 | | | | | | | 130.0 | 41,000 | 130.0 | 39,400 | 130.0 | 38,100 |
| | | | | | | | | | | | | | | | | | | | | | 140.0 | 34,800 | |
| | | | | | | | | | | | | | | | | | | | | | 150.0 | 31,800 | |
| Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 100' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 110 ft Jib | | | | | | | | | | | | 120 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 46.0 | 119,000* | | | | | | | | | | | 46.0 | 104,400* | | | | | | | | | | |
| 48.0 | 117,800* | | | | | | | | | | | 48.0 | 103,800* | | | | | | | | | | |
| 50.0 | 116,700* | | | | | | | | | | | 50.0 | 103,100* | | | | | | | | | | |
| 55.0 | 112,900* | | | | | | | | | | | 55.0 | 100,900* | | | | | | | | | | |
| 60.0 | 108,300* | | | | | | | | | | | 60.0 | 98,200* | | | | | | | | | | |
| 65.0 | 104,100* | | | | | | | | | | | 65.0 | 95,300* | | | | | | | | | | |
| 70.0 | 97,200* | 70.0 | 95,200 | | | | | | | | | 70.0 | 92,200* | 70.0 | 94,900 | | | | | | | | |
| 75.0 | 89,600* | 75.0 | 87,300 | | | | | | | | | 75.0 | 88,000* | 75.0 | 87,000 | | | | | | | | |
| 80.0 | 82,000* | 80.0 | 80,300 | 80.0 | 77,400 | | | | | | | 80.0 | 82,700* | 80.0 | 80,000 | | | | | | | | |
| 85.0 | 75,300* | 85.0 | 74,400 | 85.0 | 71,500 | | | | | | | 85.0 | 76,200* | 85.0 | 74,200 | | | | | | | | |
| 90.0 | 69,700* | 90.0 | 69,300 | 90.0 | 66,700 | | | | | | | 90.0 | 70,600* | 90.0 | 69,100 | 90.0 | 66,600 | | | | | | |
| 95.0 | 64,700* | 95.0 | 64,800 | 95.0 | 62,400 | | | | | | | 95.0 | 65,500* | 95.0 | 64,600 | 95.0 | 62,200 | | | | | | |
| 100.0 | 59,900* | 100.0 | 60,700 | 100.0 | 58,400 | 100.0 | 56,600 | | | | | 100.0 | 60,800* | 100.0 | 60,500 | 100.0 | 58,400 | | | | | | |
| 110.0 | 49,300* | | 53,800 | 110.0 | 51,800 | 110.0 | 50,200 | | | | | 110.0 | 53,100* | | 53,600 | 110.0 | 51,800 | 110.0 | 49,800 | | | | |
| | | 120.0 | 48,100 | 120.0 | 46,500 | 120.0 | 45,000 | 120.0 | 43,200 | | | 120.0 | 43,700* | 120.0 | 48,200 | 120.0 | 46,500 | 120.0 | 44,700 | 120.0 | 43,000 | | |
| | | | | 130.0 | 41,900 | 130.0 | 40,600 | 130.0 | 39,000 | | | | | 130.0 | 43,500 | 130.0 | 41,900 | 130.0 | 40,400 | 130.0 | 38,800 | | |
| | | | | | | 140.0 | 37,000 | 140.0 | 35,400 | 140.0 | 34,300 | | | | | | | 150.0 | 33,700 | 150.0 | 32,400 | 150.0 | 31,100 |
| | | | | | | | | 150.0 | 32,400 | 150.0 | 31,300 | | | | | | | | | | 170.0 | 28,700 | |
| | | | | | | | | | | | | | | | | | | | | | | 170.0 | 26,300 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 100' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 130 ft Jib | | | | | | | | | | | | 140 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 55.0 | 86,400* | | | | | | | | | | | 55.0 | 74,100* | | | | | | | | | | |
| 60.0 | 84,900* | | | | | | | | | | | 60.0 | 72,400* | | | | | | | | | | |
| 65.0 | 82,900* | | | | | | | | | | | 65.0 | 70,900* | | | | | | | | | | |
| 70.0 | 81,000* | | | | | | | | | | | 70.0 | 69,200* | | | | | | | | | | |
| 75.0 | 78,800* | 75.0 | 83,300 | | | | | | | | | 75.0 | 67,600* | 75.0 | 71,800* | | | | | | | | |
| 80.0 | 76,200* | 80.0 | 80,000 | | | | | | | | | 80.0 | 65,900* | 80.0 | 70,900* | | | | | | | | |
| 85.0 | 73,300* | 85.0 | 74,200 | | | | | | | | | 85.0 | 64,200* | 85.0 | 69,900* | | | | | | | | |
| 90.0 | 70,300* | 90.0 | 69,100 | | | | | | | | | 90.0 | 62,700* | 90.0 | 67,800 | | | | | | | | |
| 95.0 | 66,200* | 95.0 | 64,600 | 95.0 | 62,200 | | | | | | | 95.0 | 61,100* | 95.0 | 64,300 | 95.0 | 62,100 | | | | | | |
| 100.0 | 61,700* | 100.0 | 60,500 | 100.0 | 58,400 | | | | | | | 100.0 | 59,400* | 100.0 | 60,300 | 100.0 | 58,100 | | | | | | |
| 110.0 | 54,000* | 110.0 | 53,600 | 110.0 | 51,600 | | | | | | | 110.0 | 54,200* | 110.0 | 53,600 | 110.0 | 51,600 | | | | | | |
| 120.0 | 47,200* | 120.0 | 48,000 | 120.0 | 46,200 | 120.0 | 44,700 | | | | | 120.0 | 47,900* | 120.0 | 47,900 | 120.0 | 46,200 | 120.0 | 44,500 | | | | |
| 130.0 | 39,100* | 130.0 | 43,500 | 130.0 | 41,900 | 130.0 | 40,400 | 130.0 | 38,800 | | | 130.0 | 42,100* | 130.0 | 43,300 | 130.0 | 41,700 | 130.0 | 40,100 | | | | |
| | | 140.0 | 39,000 | 140.0 | 38,000 | 140.0 | 36,700 | 140.0 | 35,200 | | | 140.0 | 35,100* | 140.0 | 39,500 | 140.0 | 38,000 | 140.0 | 36,500 | 140.0 | 35,100 | | |
| | | | | 150.0 | 34,800 | 150.0 | 33,500 | 150.0 | 32,200 | 150.0 | 31,100 | | | | | | | 160.0 | 30,700 | 160.0 | 29,600 | 160.0 | 28,200 |
| | | | | | | 160.0 | 30,900 | 160.0 | 29,600 | 160.0 | 28,500 | | | | | | | 170.0 | 28,300 | 170.0 | 27,200 | 170.0 | 26,100 |
| | | | | | | | | 170.0 | 27,400 | 170.0 | 26,300 | | | | | | | | | | 180.0 | 24,200 | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 100' Boom | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|
| 150 ft Jib | | | | | | | | | | 160 ft Jib | | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | |
| 60.0 | 63,200* | | | | | | | | | | | 60.0 | 53,800* | | | | | | | | | | | |
| 65.0 | 62,000* | | | | | | | | | | | 65.0 | 52,800* | | | | | | | | | | | |
| 70.0 | 61,000* | | | | | | | | | | | 70.0 | 51,800* | | | | | | | | | | | |
| 75.0 | 60,100* | | | | | | | | | | | 75.0 | 50,800* | | | | | | | | | | | |
| 80.0 | 59,300* | 80.0 | 61,000* | | | | | | | | | 80.0 | 50,000* | 80.0 | 51,700* | | | | | | | | | |
| 85.0 | 58,600* | 85.0 | 60,000* | | | | | | | | | 85.0 | 49,400* | 85.0 | 50,700* | | | | | | | | | |
| 90.0 | 57,500* | 90.0 | 59,300* | | | | | | | | | 90.0 | 48,700* | 90.0 | 50,000* | | | | | | | | | |
| 95.0 | 55,800* | 95.0 | 58,500* | | | | | | | | | 95.0 | 47,500* | 95.0 | 49,200* | | | | | | | | | |
| 100.0 | 53,800* | 100.0 | 57,300* | 100.0 | 57,700 | | | | | | | 100.0 | 45,900* | 100.0 | 48,400* | | | | | | | | | |
| 110.0 | 49,900* | 110.0 | 53,000 | 110.0 | 51,200 | | | | | | | 110.0 | 42,400* | 110.0 | 45,500* | 110.0 | 48,400* | | | | | | | |
| 120.0 | 46,500* | 120.0 | 47,700 | 120.0 | 45,800 | 120.0 | 44,100 | | | | | 120.0 | 39,500* | 120.0 | 42,100* | 120.0 | 45,200 | | | | | | | |
| 130.0 | 42,600* | 130.0 | 43,000 | 130.0 | 41,500 | 130.0 | 39,700 | | | | | 130.0 | 36,800* | 130.0 | 39,300* | 130.0 | 41,500 | 130.0 | 39,700 | | | | | |
| 140.0 | 37,600* | 140.0 | 39,100 | 140.0 | 37,600 | 140.0 | 36,200 | 140.0 | 34,700 | | | 140.0 | 34,300* | 140.0 | 36,700* | 140.0 | 37,600 | 140.0 | 36,200 | | | | | |
| 150.0 | 31,400* | 150.0 | 35,800 | 150.0 | 34,400 | 150.0 | 33,100 | 150.0 | 31,700 | | | 150.0 | 31,300* | 150.0 | 34,500* | 150.0 | 34,400 | 150.0 | 33,100 | 150.0 | 31,700 | | | |
| | | 160.0 | 32,200 | 160.0 | 31,700 | 160.0 | 30,400 | 160.0 | 29,100 | 160.0 | 27,900 | 160.0 | 28,400* | 160.0 | 32,600* | 160.0 | 31,700 | 160.0 | 30,400 | 160.0 | 29,100 | | | |
| | | | | 170.0 | 29,200 | 170.0 | 28,100 | 170.0 | 26,800 | 170.0 | 25,700 | | | | 170.0 | 29,500* | 170.0 | 29,200 | 170.0 | 28,100 | 170.0 | 26,800 | 170.0 | 25,600 |
| | | | | | | | | 180.0 | 24,800 | 180.0 | 23,700 | | | | | 180.0 | 27,200 | 180.0 | 25,900 | 180.0 | 24,800 | 180.0 | 23,700 | |
| | | | | | | | | 190.0 | 23,100 | 190.0 | 22,000 | | | | | | | 190.0 | 24,000 | 190.0 | 23,100 | 190.0 | 22,000 | |
| | | | | | | | | | | | | | | | | | | | | 200.0 | 20,500 | | | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | |

| 100' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 170 ft Jib | | | | | | | | | | 180 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 60.0 | 55,400* | | | | | | | | | | | | | | | | | | | | | | |
| 65.0 | 54,900* | | | | | | | | | | | | | | | | | | | | | | |
| 70.0 | 54,100* | | | | | | | | | | | 70.0 | 48,700* | | | | | | | | | | |
| 75.0 | 52,700* | | | | | | | | | | | 75.0 | 47,900* | | | | | | | | | | |
| 80.0 | 50,900* | | | | | | | | | | | 80.0 | 46,700* | | | | | | | | | | |
| 85.0 | 49,000* | | | | | | | | | | | 85.0 | 45,000* | | | | | | | | | | |
| 90.0 | 47,300* | 90.0 | 48,200* | | | | | | | | | 90.0 | 43,000* | 90.0 | 44,600* | | | | | | | | |
| 95.0 | 45,500* | 95.0 | 46,400* | | | | | | | | | 95.0 | 41,200* | 95.0 | 43,000* | | | | | | | | |
| 100.0 | 43,700* | 100.0 | 44,600* | | | | | | | | | 100.0 | 39,500* | 100.0 | 41,300* | | | | | | | | |
| 110.0 | 40,200* | 110.0 | 41,300* | 110.0 | 42,300* | | | | | | | 110.0 | 36,400* | 110.0 | 37,900* | | | | | | | | |
| 120.0 | 37,000* | 120.0 | 38,100* | 120.0 | 39,100* | | | | | | | 120.0 | 33,700* | 120.0 | 34,900* | 120.0 | 36,300* | | | | | | |
| 130.0 | 33,800* | 130.0 | 34,900* | 130.0 | 36,000* | | | | | | | 130.0 | 31,300* | 130.0 | 32,400* | 130.0 | 33,600* | | | | | | |
| 140.0 | 30,800* | 140.0 | 32,100* | 140.0 | 33,200* | 140.0 | 34,200* | | | | | 140.0 | 29,000* | 140.0 | 30,100* | 140.0 | 31,200* | 140.0 | 32,300* | | | | |
| 150.0 | 27,800* | 150.0 | 29,300* | 150.0 | 30,400* | 150.0 | 31,500* | | | | | 150.0 | 27,000* | 150.0 | 28,100* | 150.0 | 29,000* | 150.0 | 29,900* | | | | |
| 160.0 | 25,000* | 160.0 | 26,600* | 160.0 | 27,800* | 160.0 | 28,900* | 160.0 | 28,500 | | | 160.0 | 25,200* | 160.0 | 26,200* | 160.0 | 27,100* | 160.0 | 28,000* | 160.0 | 28,200 | | |
| 170.0 | 22,200* | 170.0 | 23,900* | 170.0 | 25,200* | 170.0 | 26,300* | 170.0 | 26,300 | | | 170.0 | 23,200* | 170.0 | 24,500* | 170.0 | 25,400* | 170.0 | 26,300* | 170.0 | 26,100 | | |
| | | 180.0 | 21,200* | 180.0 | 22,800* | 180.0 | 24,000* | 180.0 | 24,300 | 180.0 | 24,300 | 180.0 | 20,600* | 180.0 | 22,200* | 180.0 | 23,300* | 180.0 | 24,400* | 180.0 | 24,100 | 180.0 | 23,000 |
| | | | | 190.0 | 20,100* | 190.0 | 21,600* | 190.0 | 22,500 | 190.0 | 21,400 | | | | 190.0 | 21,200* | 190.0 | 22,300* | 190.0 | 22,300 | 190.0 | 21,200 | |
| | | | | | | | | 200.0 | 20,600 | 200.0 | 19,900 | | | | | | | 200.0 | 20,200* | 200.0 | 20,700 | 200.0 | 19,800 |
| | | | | | | | | | | | | | | | | | | | | | 210.0 | 18,500 | |
| | | | | | | | | | | | | | | | | | | | | | | 220.0 | 17,100 |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 100' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 190 ft Jib | | | | | | | | | | | | 200 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 70.0 | 43,800* | | | | | | | | | | | | | | | | | | | | | | |
| 75.0 | 43,000* | | | | | | | | | | | 75.0 | 38,700* | | | | | | | | | | |
| 80.0 | 41,900* | | | | | | | | | | | 80.0 | 37,800* | | | | | | | | | | |
| 85.0 | 40,400* | | | | | | | | | | | 85.0 | 36,400* | | | | | | | | | | |
| 90.0 | 38,700* | | | | | | | | | | | 90.0 | 34,900* | | | | | | | | | | |
| 95.0 | 37,100* | 95.0 | 38,800* | | | | | | | | | 95.0 | 33,500* | 95.0 | 34,900* | | | | | | | | |
| 100.0 | 35,700* | 100.0 | 37,200* | | | | | | | | | 100.0 | 32,200* | 100.0 | 33,500* | | | | | | | | |
| 110.0 | 33,000* | 110.0 | 34,300* | | | | | | | | | 110.0 | 29,900* | 110.0 | 31,000* | | | | | | | | |
| 120.0 | 30,600* | 120.0 | 31,700* | 120.0 | 33,000* | | | | | | | 120.0 | 27,800* | 120.0 | 28,700* | 120.0 | 29,800* | | | | | | |
| 130.0 | 28,400* | 130.0 | 29,500* | 130.0 | 30,400* | | | | | | | 130.0 | 25,800* | 130.0 | 26,700* | 130.0 | 27,800* | | | | | | |
| 140.0 | 26,500* | 140.0 | 27,500* | 140.0 | 28,400* | 140.0 | 29,300* | | | | | 140.0 | 24,100* | 140.0 | 24,900* | 140.0 | 25,800* | | | | | | |
| 150.0 | 24,800* | 150.0 | 25,700* | 150.0 | 26,600* | 150.0 | 27,300* | | | | | 150.0 | 22,600* | 150.0 | 23,300* | 150.0 | 24,100* | 150.0 | 24,800* | | | | |
| 160.0 | 23,100* | 160.0 | 24,000* | 160.0 | 24,700* | 160.0 | 25,500* | | | | | 160.0 | 21,200* | 160.0 | 21,900* | 160.0 | 22,500* | 160.0 | 23,200* | | | | |
| 170.0 | 21,600* | 170.0 | 22,500* | 170.0 | 23,200* | 170.0 | 23,900* | 170.0 | 24,500* | | | 170.0 | 19,900* | 170.0 | 20,500* | 170.0 | 21,200* | 170.0 | 21,900* | 170.0 | 22,500* | | |
| 180.0 | 20,300* | 180.0 | 21,200* | 180.0 | 21,800* | 180.0 | 22,500* | 180.0 | 23,200* | | | 180.0 | 18,600* | 180.0 | 19,300* | 180.0 | 19,900* | 180.0 | 20,500* | 180.0 | 21,000* | | |
| 190.0 | 18,500* | 190.0 | 19,800* | 190.0 | 20,500* | 190.0 | 21,200* | 190.0 | 21,800* | 190.0 | 20,900 | 190.0 | 17,600* | 190.0 | 18,100* | 190.0 | 18,700* | 190.0 | 19,400* | 190.0 | 19,800* | | |
| | | 200.0 | 17,700* | 200.0 | 18,900* | 200.0 | 19,800* | 200.0 | 20,500 | 200.0 | 19,400 | 200.0 | 16,400* | 200.0 | 17,000* | 200.0 | 17,700* | 200.0 | 18,200* | 200.0 | 18,700* | 200.0 | 19,100 |
| | | | | | | 210.0 | 18,000* | 210.0 | 18,900 | 210.0 | 18,000 | | | | | 210.0 | 16,700* | 210.0 | 17,100* | 210.0 | 17,600* | 210.0 | 17,800 |
| | | | | | | 220.0 | 17,100* | 220.0 | 16,800 | 230.0 | 15,800 | | | | | 220.0 | 15,100* | 220.0 | 16,000* | 220.0 | 16,700* | 230.0 | 15,300 |
| | | | | | | | | | | | | | | | | | | | | | | 240.0 | 14,300 |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 110' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 70 ft Jib | | | | | | | | | | 80 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 34.0 | 147,900* | | | | | | | | | | | | | | | | | | | | | | |
| 36.0 | 146,400* | | | | | | | | | | | | | | | | | | | | | | |
| 38.0 | 144,900* | | | | | | | | | | | | | | | | | | | | | | |
| 40.0 | 142,800* | | | | | | | | | | | 40.0 | 141,200* | | | | | | | | | | |
| 42.0 | 139,400* | | | | | | | | | | | 42.0 | 138,200* | | | | | | | | | | |
| 44.0 | 136,000* | | | | | | | | | | | 44.0 | 135,100* | | | | | | | | | | |
| 46.0 | 132,500* | | | | | | | | | | | 46.0 | 132,100* | | | | | | | | | | |
| 48.0 | 129,100* | | | | | | | | | | | 48.0 | 129,100* | | | | | | | | | | |
| 50.0 | 125,700* | | | | | | | | | | | 50.0 | 126,100* | | | | | | | | | | |
| 55.0 | 117,000* | 55.0 | 124,200 | | | | | | | | | 55.0 | 118,600* | 55.0 | 123,700 | | | | | | | | |
| 60.0 | 108,300* | 60.0 | 116,000 | | | | | | | | | 60.0 | 111,200* | 60.0 | 115,400 | | | | | | | | |
| 65.0 | 99,800* | 65.0 | 104,900 | | | | | | | | | 65.0 | 103,600* | 65.0 | 104,700 | | | | | | | | |
| 70.0 | 91,200* | 70.0 | 95,800 | 70.0 | 92,400 | | | | | | | 70.0 | 96,100* | 70.0 | 95,400 | | | | | | | | |
| 75.0 | 79,400* | 75.0 | 87,700 | 75.0 | 84,600 | | | | | | | 75.0 | 87,500* | 75.0 | 87,400 | 75.0 | 84,200 | | | | | | |
| | | 80.0 | 80,700 | 80.0 | 77,900 | 80.0 | 75,500 | | | | | 80.0 | 77,900* | 80.0 | 80,500 | 80.0 | 77,400 | | | | | | |
| | | 85.0 | 74,600 | 85.0 | 72,200 | 85.0 | 69,900 | | | | | 85.0 | 67,000* | 85.0 | 74,600 | 85.0 | 71,700 | | | | | | |
| | | | | 90.0 | 67,200 | 90.0 | 65,200 | | | | | | | 90.0 | 69,500 | 90.0 | 66,800 | 90.0 | 64,800 | | | | |
| | | | | 95.0 | 62,800 | 95.0 | 60,900 | 95.0 | 58,600 | | | | | 95.0 | 64,900 | 95.0 | 62,500 | 95.0 | 60,500 | | | | |
| | | | | | | 100.0 | 57,000 | 100.0 | 54,900 | | | | | | | 100.0 | 58,600 | 100.0 | 56,700 | 100.0 | 54,400 | | |
| | | | | | | | | 110.0 | 48,700 | | | | | | | | | 110.0 | 50,300 | 110.0 | 48,200 | | |
| | | | | | | | | | | 120.0 | 42,300 | | | | | | | | | 120.0 | 43,200 | 120.0 | 41,900 |
| | | | | | | | | | | 124.6 | 40,300 | | | | | | | | | | | 130.0 | 37,900 |

| 110' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 90 ft Jib | | | | | | | | | | 100 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 40.0 | 139,100* | | | | | | | | | | | | | | | | | | | | | | |
| 42.0 | 136,200* | | | | | | | | | | | | | | | | | | | | | | |
| 44.0 | 133,400* | | | | | | | | | | | | | | | | | | | | | | |
| 46.0 | 130,600* | | | | | | | | | | | 46.0 | 119,000* | | | | | | | | | | |
| 48.0 | 127,800* | | | | | | | | | | | 48.0 | 119,000* | | | | | | | | | | |
| 50.0 | 124,900* | | | | | | | | | | | 50.0 | 119,000* | | | | | | | | | | |
| 55.0 | 117,900* | | | | | | | | | | | 55.0 | 115,900* | | | | | | | | | | |
| 60.0 | 110,800* | 60.0 | 114,700 | | | | | | | | | 60.0 | 109,600* | 60.0 | 114,100 | | | | | | | | |
| 65.0 | 103,800* | 65.0 | 104,600 | | | | | | | | | 65.0 | 103,300* | 65.0 | 104,300 | | | | | | | | |
| 70.0 | 96,700* | 70.0 | 95,400 | | | | | | | | | 70.0 | 97,000* | 70.0 | 95,200 | | | | | | | | |
| 75.0 | 89,000* | 75.0 | 87,400 | 75.0 | 83,900 | | | | | | | 75.0 | 89,900* | 75.0 | 87,100 | | | | | | | | |
| 80.0 | 81,100* | 80.0 | 80,400 | 80.0 | 77,200 | | | | | | | 80.0 | 82,300* | 80.0 | 80,300 | 80.0 | 77,200 | | | | | | |
| 85.0 | 74,400* | 85.0 | 74,400 | 85.0 | 71,300 | | | | | | | 85.0 | 75,500* | 85.0 | 74,400 | 85.0 | 71,300 | | | | | | |
| 90.0 | 66,000* | 90.0 | 69,400 | 90.0 | 66,500 | | | | | | | 90.0 | 69,800* | 90.0 | 69,300 | 90.0 | 66,500 | | | | | | |
| 95.0 | 57,300* | 95.0 | 64,900 | 95.0 | 62,100 | 95.0 | | | | | | 95.0 | 63,700* | 95.0 | 64,800 | 95.0 | 62,100 | | | | | | |
| | | 100.0 | 60,800 | 100.0 | 58,200 | 100.0 | 60,400 | | | | | 100.0 | 57,400* | 100.0 | 60,700 | 100.0 | 58,200 | 100.0 | 56,200 | | | | |
| | | | | 110.0 | 51,600 | 110.0 | 56,600 | 110.0 | 47,800 | | | | | | | 110.0 | 51,600 | 110.0 | 50,000 | | | | |
| | | | | | | 120.0 | 42,900 | 120.0 | 42,900 | | | | | | | 120.0 | 44,800 | 120.0 | 44,800 | 120.0 | 42,800 | | |
| | | | | | | | 45,000 | 130.0 | 38,800 | 130.0 | 37,700 | | | | | 130.0 | 40,400 | 130.0 | 38,600 | 130.0 | 38,600 | | |
| | | | | | | | | | | 140.0 | 34,300 | | | | | | | | | 140.0 | 35,200 | 140.0 | 33,900 |
| | | | | | | | | | | | | | | | | | | | | | 150.0 | 31,100 | |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 110' Boom | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|
| 110 ft Jib | | | | | | | | | | | | 120 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | |
| 46.0 | 115,000* | | | | | | | | | | | 46.0 | 101,100* | | | | | | | | | | | |
| 48.0 | 114,100* | | | | | | | | | | | 48.0 | 100,900* | | | | | | | | | | | |
| 50.0 | 113,300* | | | | | | | | | | | 50.0 | 100,600* | | | | | | | | | | | |
| 55.0 | 110,000* | | | | | | | | | | | 55.0 | 99,700* | | | | | | | | | | | |
| 60.0 | 105,600* | | | | | | | | | | | 60.0 | 98,200* | | | | | | | | | | | |
| 65.0 | 101,000* | | | | | | | | | | | 65.0 | 95,300* | | | | | | | | | | | |
| 70.0 | 96,200* | 70.0 | 94,800 | | | | | | | | | 70.0 | 92,200* | 70.0 | 94,700 | | | | | | | | | |
| 75.0 | 89,800* | 75.0 | 86,900 | | | | | | | | | 75.0 | 87,900* | 75.0 | 86,700 | | | | | | | | | |
| 80.0 | 82,500* | 80.0 | 80,000 | | | | | | | | | 80.0 | 82,600* | 80.0 | 79,800 | | | | | | | | | |
| 85.0 | 75,800* | 85.0 | 73,900 | | | | | | | | | 85.0 | 76,600* | 85.0 | 73,700 | | | | | | | | | |
| 90.0 | 70,000* | 90.0 | 69,000 | 90.0 | 66,100 | | | | | | | 90.0 | 70,900* | 90.0 | 68,600 | 90.0 | 66,100 | | | | | | | |
| 95.0 | 64,900* | 95.0 | 64,500 | 95.0 | 61,800 | | | | | | | 95.0 | 65,700* | 95.0 | 64,100 | 95.0 | 61,800 | | | | | | | |
| 100.0 | 60,200* | 100.0 | 60,300 | 100.0 | 57,900 | 100.0 | 55,900 | | | | | 100.0 | 61,100* | 100.0 | 60,100 | 100.0 | 57,900 | | | | | | | |
| 110.0 | 49,800* | | | 110.0 | 51,400 | 110.0 | 49,600 | | | | | 110.0 | 53,500* | 110.0 | 53,400 | 110.0 | 51,400 | 110.0 | 49,300 | | | | | |
| | | 120.0 | 48,000 | 120.0 | 46,000 | 120.0 | 44,500 | 120.0 | 42,300 | | | 120.0 | 44,200* | 120.0 | 47,800 | 120.0 | 46,000 | 120.0 | 44,100 | 130.0 | 38,100 | 130.0 | 38,100 | |
| | | | | 130.0 | 41,500 | 130.0 | 40,100 | 130.0 | 38,300 | | | | | 130.0 | 43,300 | 130.0 | 41,500 | 130.0 | 39,900 | 130.0 | 38,100 | 130.0 | 38,100 | |
| | | | | | | 140.0 | 36,500 | 140.0 | 34,800 | 140.0 | 33,700 | | | | | 140.0 | 37,800 | 140.0 | 36,200 | 140.0 | 34,800 | 140.0 | 34,800 | |
| | | | | | | | | 150.0 | 31,800 | 150.0 | 30,700 | | | | | | | 150.0 | 33,100 | 150.0 | 31,800 | 150.0 | 30,400 | |
| | | | | | | | | | | 160.0 | 28,200 | | | | | | | | | 160.0 | 29,100 | 160.0 | 27,900 | |
| | | | | | | | | | | | | | | | | | | | | | 170.0 | 25,900 | 170.0 | 25,900 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | |

| 110' Boom | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|
| 130 ft Jib | | | | | | | | | | | | 140 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | |
| 55.0 | 86,400* | | | | | | | | | | | 55.0 | 74,100* | | | | | | | | | | | |
| 60.0 | 84,900* | | | | | | | | | | | 60.0 | 72,400* | | | | | | | | | | | |
| 65.0 | 82,900* | | | | | | | | | | | 65.0 | 70,900* | | | | | | | | | | | |
| 70.0 | 81,000* | | | | | | | | | | | 70.0 | 69,200* | | | | | | | | | | | |
| 75.0 | 78,800* | 75.0 | 83,200 | | | | | | | | | 75.0 | 67,600* | 75.0 | 71,900* | | | | | | | | | |
| 80.0 | 76,200* | 80.0 | 79,600 | | | | | | | | | 80.0 | 65,900* | 80.0 | 70,900* | | | | | | | | | |
| 85.0 | 73,300* | 85.0 | 73,700 | | | | | | | | | 85.0 | 64,200* | 85.0 | 70,100* | | | | | | | | | |
| 90.0 | 70,500* | 90.0 | 68,600 | | | | | | | | | 90.0 | 62,700* | 90.0 | 67,700 | | | | | | | | | |
| 95.0 | 66,400* | 95.0 | 64,100 | 95.0 | 61,700 | | | | | | | 95.0 | 61,100* | 95.0 | 64,100 | | | | | | | | | |
| 100.0 | 61,900* | 100.0 | 60,100 | 100.0 | 57,800 | | | | | | | 100.0 | 59,400* | 100.0 | 60,100 | 100.0 | 57,700 | | | | | | | |
| 110.0 | 54,200* | 110.0 | 53,400 | 110.0 | 51,200 | | | | | | | 110.0 | 54,200* | 110.0 | 53,200 | 110.0 | 51,200 | | | | | | | |
| 120.0 | 47,500* | 120.0 | 47,800 | 120.0 | 46,000 | 120.0 | 44,000 | | | | | 120.0 | 48,000* | 120.0 | 47,700 | 120.0 | 45,800 | 120.0 | 43,900 | | | | | |
| 130.0 | 39,700* | 130.0 | 43,300 | 130.0 | 41,500 | 130.0 | 39,700 | 140.0 | 34,600 | | | 130.0 | 42,500* | 130.0 | 43,000 | 130.0 | 41,300 | 130.0 | 39,700 | | | | | |
| | | 140.0 | 39,300 | 140.0 | 37,800 | 140.0 | 36,200 | 140.0 | 34,600 | 140.0 | 34,600 | | | 140.0 | 39,300 | 140.0 | 37,600 | 140.0 | 36,000 | 140.0 | 34,500 | | | |
| | | | | 150.0 | 34,600 | 150.0 | 33,100 | 150.0 | 31,700 | 150.0 | 30,200 | | | 150.0 | 35,900 | 150.0 | 34,400 | 150.0 | 32,900 | 150.0 | 31,500 | | | |
| | | | | | | 160.0 | 30,400 | 160.0 | 29,100 | 160.0 | 27,800 | | | | | | | 160.0 | 30,200 | 160.0 | 28,900 | 160.0 | 27,600 | |
| | | | | | | | | 170.0 | 26,800 | 170.0 | 25,600 | | | | | | | 170.0 | 27,900 | 170.0 | 26,700 | 170.0 | 25,400 | |
| | | | | | | | | | | 180.0 | 23,700 | | | | | | | | | 180.0 | 24,700 | 180.0 | 23,500 | |
| | | | | | | | | | | | | | | | | | | | | | 190.0 | 21,800 | 190.0 | 21,800 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 110' Boom | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--|
| 150 ft Jib | | | | | | | | | | 160 ft Jib | | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | |
| 60.0 | 63,200* | | | | | | | | | | | 60.0 | 53,800* | | | | | | | | | | | |
| 65.0 | 62,000* | | | | | | | | | | | 65.0 | 52,800* | | | | | | | | | | | |
| 70.0 | 61,200* | | | | | | | | | | | 70.0 | 51,900* | | | | | | | | | | | |
| 75.0 | 60,200* | | | | | | | | | | | 75.0 | 51,100* | | | | | | | | | | | |
| 80.0 | 59,300* | 80.0 | 61,200* | | | | | | | | | 80.0 | 50,200* | | | | | | | | | | | |
| 85.0 | 58,600* | 85.0 | 60,200* | | | | | | | | | 85.0 | 49,400* | | | | | | | | | | | |
| 90.0 | 57,500* | 90.0 | 59,300* | | | | | | | | | 90.0 | 48,700* | 90.0 | 50,200* | | | | | | | | | |
| 95.0 | 55,800* | 95.0 | 58,600* | | | | | | | | | 95.0 | 47,500* | 95.0 | 49,500* | | | | | | | | | |
| 100.0 | 53,800* | 100.0 | 57,600* | 100.0 | 57,300 | | | | | | | 100.0 | 45,900* | 100.0 | 48,600* | | | | | | | | | |
| 110.0 | 49,900* | 110.0 | 52,900 | 110.0 | 50,700 | | | | | | | 110.0 | 42,500* | 110.0 | 45,900* | 110.0 | 48,700* | | | | | | | |
| 120.0 | 46,500* | 120.0 | 47,300 | 120.0 | 45,400 | 120.0 | 43,400 | | | | | 120.0 | 39,600* | 120.0 | 42,600* | 120.0 | 45,400 | | | | | | | |
| 130.0 | 42,600* | 130.0 | 42,800 | 130.0 | 41,000 | 130.0 | 39,200 | | | | | 130.0 | 36,900* | 130.0 | 39,600* | 130.0 | 41,000 | 130.0 | 39,200 | | | | | |
| 140.0 | 37,900* | 140.0 | 38,900 | 140.0 | 37,300 | 140.0 | 35,600 | | | | | 140.0 | 34,300* | 140.0 | 36,900* | 140.0 | 37,300 | 140.0 | 35,700 | | | | | |
| 150.0 | 31,800* | 150.0 | 35,700 | 150.0 | 34,200 | 150.0 | 32,600 | 150.0 | 31,100 | | | 150.0 | 31,500* | 150.0 | 34,700* | 150.0 | 34,200 | 150.0 | 32,600 | 150.0 | 31,100 | | | |
| | | 160.0 | 32,400 | 160.0 | 31,300 | 160.0 | 29,900 | 160.0 | 28,500 | 160.0 | 27,200 | 160.0 | 28,500* | 160.0 | 32,600 | 160.0 | 31,300 | 160.0 | 29,900 | 160.0 | 28,500 | | | |
| | | | | 170.0 | 29,000 | 170.0 | 27,600 | 170.0 | 26,300 | 170.0 | 25,000 | | | 170.0 | 30,300 | 170.0 | 29,000 | 170.0 | 27,600 | 170.0 | 26,300 | 170.0 | 25,000 | |
| | | | | | | 180.0 | 25,600 | 180.0 | 24,400 | 180.0 | 23,200 | | | | | 180.0 | 26,700 | 180.0 | 25,600 | 180.0 | 24,300 | 180.0 | 23,100 | |
| | | | | | | | | 190.0 | 22,700 | 190.0 | 21,600 | | | | | | | 190.0 | 22,500 | 190.0 | 21,400 | | | |
| | | | | | | | | | | 200.0 | 20,000 | | | | | | | | 200.0 | 21,000 | 200.0 | 20,000 | | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | |

| 110' Boom | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|
| 170 ft Jib | | | | | | | | | | 180 ft Jib | | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | |
| 60.0 | 54,300* | | | | | | | | | | | | | | | | | | | | | | | |
| 65.0 | 53,800* | | | | | | | | | | | | | | | | | | | | | | | |
| 70.0 | 53,300* | | | | | | | | | | | 70.0 | 47,800* | | | | | | | | | | | |
| 75.0 | 52,200* | | | | | | | | | | | 75.0 | 47,300* | | | | | | | | | | | |
| 80.0 | 50,600* | | | | | | | | | | | 80.0 | 46,500* | | | | | | | | | | | |
| 85.0 | 48,800* | | | | | | | | | | | 85.0 | 44,800* | | | | | | | | | | | |
| 90.0 | 47,100* | 90.0 | 47,800* | | | | | | | | | 90.0 | 43,000* | | | | | | | | | | | |
| 95.0 | 45,300* | 95.0 | 46,100* | | | | | | | | | 95.0 | 41,200* | 95.0 | 43,000* | | | | | | | | | |
| 100.0 | 43,500* | 100.0 | 44,400* | | | | | | | | | 100.0 | 39,500* | 100.0 | 41,300* | | | | | | | | | |
| 110.0 | 40,200* | 110.0 | 41,000* | | | | | | | | | 110.0 | 36,400* | 110.0 | 37,900* | | | | | | | | | |
| 120.0 | 36,900* | 120.0 | 38,000* | 120.0 | 38,800* | | | | | | | 120.0 | 33,600* | 120.0 | 34,900* | 120.0 | 36,400* | | | | | | | |
| 130.0 | 33,700* | 130.0 | 34,900* | 130.0 | 35,800* | | | | | | | 130.0 | 31,100* | 130.0 | 32,400* | 130.0 | 33,600* | | | | | | | |
| 140.0 | 30,800* | 140.0 | 32,000* | 140.0 | 33,100* | 140.0 | 34,000* | | | | | 140.0 | 29,000* | 140.0 | 30,100* | 140.0 | 31,200* | 140.0 | 32,300* | | | | | |
| 150.0 | 27,800* | 150.0 | 29,300* | 150.0 | 30,400* | 150.0 | 31,300* | | | | | 150.0 | 27,000* | 150.0 | 28,100* | 150.0 | 29,000* | 150.0 | 30,100* | | | | | |
| 160.0 | 25,100* | 160.0 | 26,600* | 160.0 | 27,800* | 160.0 | 28,800* | 160.0 | 28,000 | | | 160.0 | 25,200* | 160.0 | 26,200* | 160.0 | 27,100* | 160.0 | 28,100* | 160.0 | 27,800 | | | |
| 170.0 | 22,400* | 170.0 | 23,900* | 170.0 | 25,200* | 170.0 | 26,300* | 170.0 | 25,700 | | | 170.0 | 23,200* | 170.0 | 24,500* | 170.0 | 25,400* | 170.0 | 26,300* | 170.0 | 25,400 | | | |
| | | 180.0 | 21,200* | 180.0 | 22,900* | 180.0 | 24,000* | 180.0 | 23,700 | 180.0 | 23,000 | 180.0 | 20,800 | 180.0 | 22,200* | 180.0 | 23,300* | 180.0 | 24,300* | 180.0 | 23,500 | 180.0 | 22,400 | |
| | | | | 190.0 | 20,300* | 190.0 | 21,600* | 190.0 | 22,000 | 190.0 | 20,700 | | | 190.0 | 19,900 | 190.0 | 21,200* | 190.0 | 22,300* | 190.0 | 21,800 | 190.0 | 20,700 | |
| | | | | | | 200.0 | 19,500* | 200.0 | 20,400 | 200.0 | 19,400 | | | | | 200.0 | 18,900* | 200.0 | 20,200* | 200.0 | 20,200 | 200.0 | 19,100 | |
| | | | | | | | | | | | | | | | | | | | | | 210.0 | 18,900 | 210.0 | 17,800 |
| | | | | | | | | | | | | | | | | | | | | | 220.0 | 17,100* | 220.0 | 16,600 |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 110' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 190 ft Jib | | | | | | | | | | | | 200 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 70.0 | 43,200* | | | | | | | | | | | | | | | | | | | | | | |
| 75.0 | 42,700* | | | | | | | | | | | 75.0 | 38,300* | | | | | | | | | | |
| 80.0 | 41,900* | | | | | | | | | | | 80.0 | 37,700* | | | | | | | | | | |
| 85.0 | 40,400* | | | | | | | | | | | 85.0 | 36,200* | | | | | | | | | | |
| 90.0 | 38,700* | | | | | | | | | | | 90.0 | 34,800* | | | | | | | | | | |
| 95.0 | 37,100* | 95.0 | 38,700* | | | | | | | | | 95.0 | 33,500* | | | | | | | | | | |
| 100.0 | 35,600* | 100.0 | 37,200* | | | | | | | | | 100.0 | 32,200* | 100.0 | 33,500* | | | | | | | | |
| 110.0 | 32,900* | 110.0 | 34,300* | | | | | | | | | 110.0 | 29,900* | 110.0 | 31,000* | | | | | | | | |
| 120.0 | 30,600* | 120.0 | 31,700* | 120.0 | 33,000* | | | | | | | 120.0 | 27,600* | 120.0 | 28,700* | | | | | | | | |
| 130.0 | 28,400* | 130.0 | 29,500* | 130.0 | 30,400* | | | | | | | 130.0 | 25,700* | 130.0 | 26,700* | 130.0 | 27,800* | | | | | | |
| 140.0 | 26,500* | 140.0 | 27,400* | 140.0 | 28,400* | | | | | | | 140.0 | 24,100* | 140.0 | 24,900* | 140.0 | 25,800* | | | | | | |
| 150.0 | 24,800* | 150.0 | 25,700* | 150.0 | 26,600* | 150.0 | 27,300* | | | | | 150.0 | 22,600* | 150.0 | 23,300* | 150.0 | 24,100* | 150.0 | 24,800* | | | | |
| 160.0 | 23,100* | 160.0 | 24,000* | 160.0 | 24,700* | 160.0 | 25,500* | | | | | 160.0 | 21,200* | 160.0 | 21,900* | 160.0 | 22,500* | 160.0 | 23,200* | | | | |
| 170.0 | 21,600* | 170.0 | 22,500* | 170.0 | 23,200* | 170.0 | 23,900* | 170.0 | 24,500* | | | 170.0 | 19,900* | 170.0 | 20,500* | 170.0 | 21,200* | 170.0 | 21,900* | | | | |
| 180.0 | 20,300* | 180.0 | 21,200* | 180.0 | 21,800* | 180.0 | 22,500* | 180.0 | 23,100 | | | 180.0 | 18,600* | 180.0 | 19,300* | 180.0 | 19,900* | 180.0 | 20,500* | 180.0 | 21,000* | | |
| 190.0 | 18,700* | 190.0 | 19,800* | 190.0 | 20,500* | 190.0 | 21,200* | 190.0 | 21,400 | 190.0 | 20,300 | 190.0 | 17,600* | 190.0 | 18,100* | 190.0 | 18,700* | 190.0 | 19,400* | 190.0 | 19,800* | | |
| | | 200.0 | 17,800* | 200.0 | 18,900* | 200.0 | 19,800* | 200.0 | 19,900 | 200.0 | 18,800 | 200.0 | 16,400* | 200.0 | 17,000* | 200.0 | 17,700* | 200.0 | 18,200* | 200.0 | 18,600* | 200.0 | 18,500 |
| | | | | | | 210.0 | 18,000* | 210.0 | 18,500 | 210.0 | 17,600 | | | | | | | 210.0 | 17,100* | 210.0 | 17,600* | 210.0 | 17,100 |
| | | | | | | 220.0 | 16,100* | 220.0 | 17,000* | 220.0 | 16,200 | | | | | | | 220.0 | 15,200* | 220.0 | 16,000* | 220.0 | 16,000 |
| | | | | | | | | | | 230.0 | 15,100 | | | | | | | 230.0 | 15,300* | 230.0 | 15,300* | 230.0 | 14,900 |
| | | | | | | | | | | 240.0 | 14,100 | | | | | | | 240.0 | 13,600* | 240.0 | 13,600* | 240.0 | 13,900 |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 120' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 70 ft Jib | | | | | | | | | | | | 80 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 34.0 | 147,000* | | | | | | | | | | | | | | | | | | | | | | |
| 36.0 | 143,900* | | | | | | | | | | | | | | | | | | | | | | |
| 38.0 | 140,900* | | | | | | | | | | | | | | | | | | | | | | |
| 40.0 | 137,900* | | | | | | | | | | | 40.0 | 139,100* | | | | | | | | | | |
| 42.0 | 134,800* | | | | | | | | | | | 42.0 | 136,200* | | | | | | | | | | |
| 44.0 | 131,700* | | | | | | | | | | | 44.0 | 133,400* | | | | | | | | | | |
| 46.0 | 128,600* | | | | | | | | | | | 46.0 | 130,600* | | | | | | | | | | |
| 48.0 | 125,600* | | | | | | | | | | | 48.0 | 127,700* | | | | | | | | | | |
| 50.0 | 122,500* | | | | | | | | | | | 50.0 | 124,800* | | | | | | | | | | |
| 55.0 | 115,000* | 55.0 | 124,000 | | | | | | | | | 55.0 | 117,700* | 55.0 | 123,300 | | | | | | | | |
| 60.0 | 107,400* | 60.0 | 115,800 | | | | | | | | | 60.0 | 110,600* | 60.0 | 115,000 | | | | | | | | |
| 65.0 | 99,700* | 65.0 | 104,700 | | | | | | | | | 65.0 | 103,400* | 65.0 | 104,200 | | | | | | | | |
| 70.0 | 92,100* | 70.0 | 95,400 | 70.0 | 91,600 | | | | | | | 70.0 | 96,300* | 70.0 | 95,100 | | | | | | | | |
| 75.0 | 80,700* | 75.0 | 87,400 | 75.0 | 83,900 | | | | | | | 75.0 | 88,200* | 75.0 | 87,100 | 75.0 | 83,500 | | | | | | |
| | | 80.0 | 80,400 | 80.0 | 77,200 | | | | | | | 80.0 | 78,800* | 80.0 | 80,200 | 80.0 | 76,800 | | | | | | |
| | | 85.0 | 74,400 | 85.0 | 71,500 | | | | | | | 85.0 | 68,100* | 85.0 | 74,200 | 85.0 | 71,100 | | | | | | |
| | | | | 90.0 | 66,600 | 90.0 | 64,300 | | | | | | | 90.0 | 69,100 | 90.0 | 66,300 | | | | | | |
| | | | | 95.0 | 62,200 | 95.0 | 60,000 | | | | | | | 95.0 | 64,600 | 95.0 | 61,900 | 95.0 | 59,700 | | | | |
| | | | | | | 100.0 | 56,200 | 100.0 | 53,800 | 100.0 | 53,800 | | | | | 100.0 | 57,900 | 100.0 | 55,900 | | | | |
| | | | | | | 110.0 | 49,800 | 110.0 | 47,800 | | | | | | | | | | | 110.0 | 47,400 | | |
| | | | | | | | | | | 120.0 | 41,200 | | | | | | | | | 120.0 | 42,300 | 120.0 | 40,800 |
| | | | | | | | | | | 130.0 | 37,200 | | | | | | | | | 130.0 | 38,300 | 130.0 | 36,800 |
| Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 |

| 120' Boom | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|
| 90 ft Jib | | | | | | | | | | | | 100 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | |
| 40.0 | 119,000* | | | | | | | | | | | | | | | | | | | | | | | |
| 42.0 | 119,000* | | | | | | | | | | | | | | | | | | | | | | | |
| 44.0 | 119,000* | | | | | | | | | | | | | | | | | | | | | | | |
| 46.0 | 119,000* | | | | | | | | | | | 46.0 | 119,000* | | | | | | | | | | | |
| 48.0 | 119,000* | | | | | | | | | | | 48.0 | 118,300* | | | | | | | | | | | |
| 50.0 | 119,000* | | | | | | | | | | | 50.0 | 117,600* | | | | | | | | | | | |
| 55.0 | 115,800* | | | | | | | | | | | 55.0 | 113,900* | | | | | | | | | | | |
| 60.0 | 109,400* | 60.0 | 114,200 | | | | | | | | | 60.0 | 108,200* | | | | | | | | | | | |
| 65.0 | 103,200* | 65.0 | 104,100 | | | | | | | | | 65.0 | 102,500* | | | | | | | | | | | |
| 70.0 | 96,900* | 70.0 | 95,000 | | | | | | | | | 70.0 | 96,800* | 70.0 | 94,800 | | | | | | | | | |
| 75.0 | 89,400* | 75.0 | 86,900 | | | | | | | | | 75.0 | 90,000* | 75.0 | 86,900 | | | | | | | | | |
| 80.0 | 81,500* | 80.0 | 80,000 | 80.0 | 76,300 | | | | | | | 80.0 | 82,700* | 80.0 | 80,000 | 80.0 | 76,300 | | | | | | | |
| 85.0 | 74,700* | 85.0 | 74,200 | 85.0 | 70,600 | | | | | | | 85.0 | 75,800* | 85.0 | 73,900 | 85.0 | 70,600 | | | | | | | |
| 90.0 | 66,500* | 90.0 | 69,100 | 90.0 | 65,900 | | | | | | | 90.0 | 70,100* | 90.0 | 69,000 | 90.0 | 65,900 | | | | | | | |
| 95.0 | 58,100* | 95.0 | 64,600 | 95.0 | 61,600 | 95.0 | 59,500 | | | | | 95.0 | 64,300* | 95.0 | 64,500 | 95.0 | 61,600 | | | | | | | |
| | | 100.0 | 60,500 | 100.0 | 57,700 | 100.0 | 55,800 | | | | | 100.0 | 58,000* | 100.0 | 60,300 | 100.0 | 57,700 | 100.0 | 55,500 | | | | | |
| | | | | 110.0 | 51,200 | 110.0 | 49,400 | | | | | | | | | | | | | 110.0 | 44,100 | | | |
| | | | | | | 120.0 | 44,300 | 120.0 | 41,900 | 120.0 | 41,900 | | | | | | | | | 120.0 | 44,100 | | | |
| | | | | | | 130.0 | 40,100 | 130.0 | 37,900 | 130.0 | 37,900 | 130.0 | 36,600 | | | | | | | 130.0 | 39,900 | 130.0 | 37,900 | |
| | | | | | | | | | | 140.0 | 33,200 | | | | | | | | | | 140.0 | 34,300 | 140.0 | 33,000 |
| | | | | | | | | | | | | | | | | | | | | | 150.0 | 31,500 | 150.0 | 30,200 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 120' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 110 ft Jib | | | | | | | | | | | | 120 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 46.0 | 111,000* | | | | | | | | | | | 46.0 | 98,000* | | | | | | | | | | |
| 48.0 | 110,700* | | | | | | | | | | | 48.0 | 97,800* | | | | | | | | | | |
| 50.0 | 110,400* | | | | | | | | | | | 50.0 | 97,500* | | | | | | | | | | |
| 55.0 | 108,200* | | | | | | | | | | | 55.0 | 96,800* | | | | | | | | | | |
| 60.0 | 104,500* | | | | | | | | | | | 60.0 | 96,100* | | | | | | | | | | |
| 65.0 | 100,100* | | | | | | | | | | | 65.0 | 95,100* | | | | | | | | | | |
| 70.0 | 95,900* | 70.0 | 94,400 | | | | | | | | | 70.0 | 92,200* | | | | | | | | | | |
| 75.0 | 89,800* | 75.0 | 86,500 | | | | | | | | | 75.0 | 87,900* | 75.0 | 86,300 | | | | | | | | |
| 80.0 | 82,500* | 80.0 | 79,600 | | | | | | | | | 80.0 | 82,600* | 80.0 | 79,400 | | | | | | | | |
| 85.0 | 76,000* | 85.0 | 73,700 | | | | | | | | | 85.0 | 76,600* | 85.0 | 73,500 | | | | | | | | |
| 90.0 | 70,400* | 90.0 | 68,600 | 90.0 | 65,500 | | | | | | | 90.0 | 71,000* | 90.0 | 68,400 | | | | | | | | |
| 95.0 | 65,200* | 95.0 | 64,100 | 95.0 | 61,100 | | | | | | | 95.0 | 65,900* | 95.0 | 63,900 | 95.0 | 61,100 | | | | | | |
| 100.0 | 60,500* | 100.0 | 60,100 | 100.0 | 57,300 | | | | | | | 100.0 | 61,300* | 100.0 | 59,900 | 100.0 | 57,300 | | | | | | |
| 110.0 | 50,400* | 110.0 | 53,400 | 110.0 | 50,700 | 110.0 | 48,700 | | | | | 110.0 | 53,600* | 110.0 | 53,100 | 110.0 | 50,700 | | | | | | |
| | | 120.0 | 47,800 | 120.0 | 45,600 | 120.0 | 43,700 | | | | | 120.0 | 44,700* | 120.0 | 47,600 | 120.0 | 45,600 | 120.0 | 43,400 | | | | |
| | | | | 130.0 | 41,100 | 130.0 | 39,500 | 130.0 | 37,400 | | | | | 130.0 | 43,000 | 130.0 | 41,100 | 130.0 | 39,200 | 130.0 | 37,300 | | |
| | | | | | | 140.0 | 35,900 | 140.0 | 34,000 | 140.0 | 32,600 | | | | | | | 150.0 | 32,600 | 150.0 | 31,100 | 150.0 | 29,500 |
| | | | | | | | | 150.0 | 31,100 | 150.0 | 29,700 | | | | | | | | | 160.0 | 28,500 | 160.0 | 27,100 |
| | | | | | | | | | | 160.0 | 27,400 | | | | | | | | | | 170.0 | 25,000 | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 120' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 130 ft Jib | | | | | | | | | | | | 140 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 55.0 | 84,700* | | | | | | | | | | | 55.0 | 74,100* | | | | | | | | | | |
| 60.0 | 83,900* | | | | | | | | | | | 60.0 | 72,400* | | | | | | | | | | |
| 65.0 | 82,800* | | | | | | | | | | | 65.0 | 70,900* | | | | | | | | | | |
| 70.0 | 81,000* | | | | | | | | | | | 70.0 | 69,200* | | | | | | | | | | |
| 75.0 | 78,800* | 75.0 | 82,700 | | | | | | | | | 75.0 | 67,600* | | | | | | | | | | |
| 80.0 | 76,200* | 80.0 | 79,300 | | | | | | | | | 80.0 | 65,900* | 80.0 | 71,200* | | | | | | | | |
| 85.0 | 73,500* | 85.0 | 73,300 | | | | | | | | | 85.0 | 64,200* | 85.0 | 70,300* | | | | | | | | |
| 90.0 | 70,500* | 90.0 | 68,300 | | | | | | | | | 90.0 | 62,700* | 90.0 | 67,400 | | | | | | | | |
| 95.0 | 66,500* | 95.0 | 63,900 | 95.0 | 61,100 | | | | | | | 95.0 | 61,100* | 95.0 | 63,700 | | | | | | | | |
| 100.0 | 62,100* | 100.0 | 59,900 | 100.0 | 57,300 | | | | | | | 100.0 | 59,400* | 100.0 | 59,700 | 100.0 | 57,000 | | | | | | |
| 110.0 | 54,400* | 110.0 | 53,100 | 110.0 | 50,700 | | | | | | | 110.0 | 54,300* | 110.0 | 53,000 | 110.0 | 50,500 | | | | | | |
| 120.0 | 47,800* | 120.0 | 47,600 | 120.0 | 45,400 | 120.0 | 43,400 | | | | | 120.0 | 48,100* | 120.0 | 47,500 | 120.0 | 45,400 | 120.0 | 43,200 | | | | |
| 130.0 | 40,200* | 130.0 | 43,000 | 130.0 | 41,000 | 130.0 | 39,000 | | | | | 130.0 | 42,700* | 130.0 | 42,800 | 130.0 | 40,800 | 130.0 | 39,000 | | | | |
| | 33,500* | 140.0 | 39,100 | 140.0 | 37,300 | 140.0 | 35,600 | 140.0 | 33,900 | | | 140.0 | 35,900* | 140.0 | 39,000 | 140.0 | 37,100 | 140.0 | 35,400 | 140.0 | 33,700 | | |
| | | | | 150.0 | 34,200 | 150.0 | 32,400 | 150.0 | 30,900 | | | | | 150.0 | 35,700 | 150.0 | 34,000 | 150.0 | 32,400 | 150.0 | 30,800 | | |
| | | | | | | 160.0 | 29,900 | 160.0 | 28,500 | 160.0 | 26,900 | | | | | | | 160.0 | 29,800 | 160.0 | 28,200 | 160.0 | 26,800 |
| | | | | | | | | 170.0 | 26,100 | 170.0 | 24,800 | | | | | | | 170.0 | 27,400 | 170.0 | 26,100 | 170.0 | 24,800 |
| | | | | | | | | | | 180.0 | 23,100 | | | | | | | 180.0 | 24,200 | 180.0 | 22,800 | 180.0 | 22,800 |
| | | | | | | | | | | | | | | | | | | | | 190.0 | 21,200 | 190.0 | 21,200 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 120' Boom | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------|--------|---------|
| 150 ft Jib | | | | | | | | | | | 160 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | | |
| 60.0 | 63,200* | | | | | | | | | | | 60.0 | 53,800* | | | | | | | | | | | |
| 65.0 | 62,000* | | | | | | | | | | | 65.0 | 52,800* | | | | | | | | | | | |
| 70.0 | 61,200* | | | | | | | | | | | 70.0 | 51,900* | | | | | | | | | | | |
| 75.0 | 60,200* | | | | | | | | | | | 75.0 | 51,100* | | | | | | | | | | | |
| 80.0 | 59,300* | 80.0 | 61,200* | | | | | | | | | 80.0 | 50,200* | | | | | | | | | | | |
| 85.0 | 58,600* | 85.0 | 60,400* | | | | | | | | | 85.0 | 49,400* | | | | | | | | | | | |
| 90.0 | 57,500* | 90.0 | 59,600* | | | | | | | | | 90.0 | 48,700* | 90.0 | 50,300* | | | | | | | | | |
| 95.0 | 55,800* | 95.0 | 58,700* | | | | | | | | | 95.0 | 47,600* | 95.0 | 49,600* | | | | | | | | | |
| 100.0 | 53,800* | 100.0 | 57,600* | | | | | | | | | 100.0 | 46,100* | 100.0 | 48,900* | | | | | | | | | |
| 110.0 | 49,900* | 110.0 | 52,700 | 110.0 | 50,300 | | | | | | | 110.0 | 42,600* | 110.0 | 46,400* | 110.0 | 48,900* | | | | | | | |
| 120.0 | 46,500* | 120.0 | 47,100 | 120.0 | 44,900 | | | | | | | 120.0 | 39,600* | 120.0 | 43,000* | 120.0 | 44,900 | | | | | | | |
| 130.0 | 42,600* | 130.0 | 42,600 | 130.0 | 40,600 | 130.0 | 38,600 | | | | | 130.0 | 37,100* | 130.0 | 40,000* | 130.0 | 40,600 | | | | | | | |
| 140.0 | 38,000* | 140.0 | 38,700 | 140.0 | 36,900 | 140.0 | 35,000 | | | | | 140.0 | 34,500* | 140.0 | 37,400* | 140.0 | 36,900 | 140.0 | 35,000 | | | | | |
| 150.0 | 32,100* | 150.0 | 35,500 | 150.0 | 33,700 | 150.0 | 32,000 | 150.0 | 30,400 | | | 150.0 | 31,700* | 150.0 | 35,000* | 150.0 | 33,700 | 150.0 | 32,000 | | | | | |
| | | 160.0 | 32,600 | 160.0 | 31,000 | 160.0 | 29,300 | 160.0 | 27,800 | 160.0 | 27,800 | 160.0 | 28,700* | 160.0 | 32,600 | 160.0 | 31,000 | 160.0 | 29,300 | 160.0 | 27,800 | | | |
| | | | | 170.0 | 28,500 | 170.0 | 27,200 | 170.0 | 25,600 | 170.0 | 24,300 | | | 170.0 | 30,100 | 170.0 | 28,500 | 170.0 | 27,000 | 170.0 | 25,600 | | | |
| | | | | | | 180.0 | 25,200 | 180.0 | 23,700 | 180.0 | 22,400 | | | | | 180.0 | 26,500 | 180.0 | 25,000 | 180.0 | 23,700 | 180.0 | 22,400 | |
| | | | | | | | | 190.0 | 22,000 | 190.0 | 20,700 | | | | | | | 190.0 | 22,000 | 190.0 | 20,700 | 190.0 | 20,700 | |
| | | | | | | | | | | 200.0 | 19,400 | | | | | | | | 200.0 | 20,500 | 200.0 | 19,400 | 200.0 | 19,400 |
| | | | | | | | | | | | | | | | | | | | 210.0 | 18,000* | 210.0 | 18,000* | 210.0 | 18,000* |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | |

| 120' Boom | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|--------|--------|--------|
| 170 ft Jib | | | | | | | | | | | 180 ft Jib | | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | | | |
| 60.0 | 53,200* | | | | | | | | | | | | | | | | | | | | | | | | |
| 65.0 | 52,700* | | | | | | | | | | | | | | | | | | | | | | | | |
| 70.0 | 52,200* | | | | | | | | | | | | | 70.0 | 46,900* | | | | | | | | | | |
| 75.0 | 51,500* | | | | | | | | | | | | | 75.0 | 46,400* | | | | | | | | | | |
| 80.0 | 50,400* | | | | | | | | | | | | | 80.0 | 45,700* | | | | | | | | | | |
| 85.0 | 48,600* | | | | | | | | | | | | | 85.0 | 44,600* | | | | | | | | | | |
| 90.0 | 46,700* | 90.0 | 47,500* | | | | | | | | | | | 90.0 | 42,700* | | | | | | | | | | |
| 95.0 | 45,000* | 95.0 | 45,900* | | | | | | | | | | | 95.0 | 41,000* | 95.0 | 42,800* | | | | | | | | |
| 100.0 | 43,300* | 100.0 | 44,200* | | | | | | | | | | | 100.0 | 39,300* | 100.0 | 41,100* | | | | | | | | |
| 110.0 | 39,900* | 110.0 | 40,800* | | | | | | | | | | | 110.0 | 36,300* | 110.0 | 37,700* | | | | | | | | |
| 120.0 | 36,600* | 120.0 | 37,700* | 120.0 | 38,400* | | | | | | | | | 120.0 | 33,500* | 120.0 | 34,900* | 120.0 | 36,300* | | | | | | |
| 130.0 | 33,600* | 130.0 | 34,700* | 130.0 | 35,600* | | | | | | | | | 130.0 | 31,100* | 130.0 | 32,200* | 130.0 | 33,600* | | | | | | |
| 140.0 | 30,600* | 140.0 | 31,800* | 140.0 | 32,900* | 140.0 | 33,500* | | | | | | | 140.0 | 28,800* | 140.0 | 30,100* | 140.0 | 31,200* | 140.0 | 32,300* | | | | |
| 150.0 | 27,800* | 150.0 | 29,100* | 150.0 | 30,200* | 150.0 | 31,000* | | | | | | | 150.0 | 27,000* | 150.0 | 27,900* | 150.0 | 29,000* | 150.0 | 29,900* | | | | |
| 160.0 | 25,100* | 160.0 | 26,400* | 160.0 | 27,600* | 160.0 | 28,500* | 160.0 | 27,100 | | | | | 160.0 | 25,100* | 160.0 | 26,200* | 160.0 | 27,100* | 160.0 | 27,900* | | | | |
| 170.0 | 22,400* | 170.0 | 23,900* | 170.0 | 25,200* | 170.0 | 26,100* | 170.0 | 25,000 | | | | | 170.0 | 23,200* | 170.0 | 24,300* | 170.0 | 25,400* | 170.0 | 26,100* | 170.0 | 24,800 | | |
| | | 180.0 | 21,300* | 180.0 | 22,700* | 180.0 | 23,800* | 180.0 | 23,100 | 180.0 | 21,700 | | | 180.0 | 20,700* | 180.0 | 22,100* | 180.0 | 23,200* | 180.0 | 24,100* | 180.0 | 23,000 | | |
| | | | | 190.0 | 20,300* | 190.0 | 21,600* | 190.0 | 21,400 | 190.0 | 20,100 | | | | | 190.0 | 19,900* | 190.0 | 21,000* | 190.0 | 22,100* | 190.0 | 21,200 | | |
| | | | | | | 200.0 | 19,400* | 200.0 | 19,800 | 200.0 | 18,700 | | | | | | | 200.0 | 20,000* | 200.0 | 20,000* | 200.0 | 19,700 | | |
| | | | | | | | | 210.0 | 18,500 | 210.0 | 17,400 | | | | | | | | 210.0 | 18,200 | 210.0 | 17,100 | 210.0 | 17,100 | |
| | | | | | | | | | | 220.0 | 16,100 | | | | | | | | | 220.0 | 17,000 | 220.0 | 16,000 | 230.0 | 14,900 |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | | |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 120' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 190 ft Jib | | | | | | | | | | | | 200 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 70.0 | 42,300* | | | | | | | | | | | | | | | | | | | | | | |
| 75.0 | 41,800* | | | | | | | | | | | 75.0 | 37,700* | | | | | | | | | | |
| 80.0 | 41,100* | | | | | | | | | | | 80.0 | 37,200* | | | | | | | | | | |
| 85.0 | 40,100* | | | | | | | | | | | 85.0 | 36,200* | | | | | | | | | | |
| 90.0 | 38,500* | | | | | | | | | | | 90.0 | 34,700* | | | | | | | | | | |
| 95.0 | 36,900* | 95.0 | 38,700* | | | | | | | | | 95.0 | 33,300* | | | | | | | | | | |
| 100.0 | 35,500* | 100.0 | 37,200* | | | | | | | | | 100.0 | 32,000* | 100.0 | 33,500* | | | | | | | | |
| 110.0 | 32,800* | 110.0 | 34,100* | | | | | | | | | 110.0 | 29,600* | 110.0 | 31,000* | | | | | | | | |
| 120.0 | 30,400* | 120.0 | 31,700* | 120.0 | 33,000* | | | | | | | 120.0 | 27,600* | 120.0 | 28,700* | | | | | | | | |
| 130.0 | 28,200* | 130.0 | 29,300* | 130.0 | 30,400* | | | | | | | 130.0 | 25,700* | 130.0 | 26,700* | 130.0 | 27,600* | | | | | | |
| 140.0 | 26,400* | 140.0 | 27,300* | 140.0 | 28,400* | | | | | | | 140.0 | 23,900* | 140.0 | 24,700* | 140.0 | 25,700* | | | | | | |
| 150.0 | 24,600* | 150.0 | 25,500* | 150.0 | 26,400* | 150.0 | 27,300* | | | | | 150.0 | 22,400* | 150.0 | 23,200* | 150.0 | 23,900* | | | | | | |
| 160.0 | 23,100* | 160.0 | 23,900* | 160.0 | 24,700* | 160.0 | 25,500* | | | | | 160.0 | 21,000* | 160.0 | 21,700* | 160.0 | 22,500* | 160.0 | 23,100* | | | | |
| 170.0 | 21,600* | 170.0 | 22,300* | 170.0 | 23,200* | 170.0 | 23,900* | | | | | 170.0 | 19,900* | 170.0 | 20,300* | 170.0 | 21,000* | 170.0 | 21,600* | | | | |
| 180.0 | 20,300* | 180.0 | 21,000* | 180.0 | 21,600* | 180.0 | 22,300* | 180.0 | 22,600 | | | 180.0 | 18,600* | 180.0 | 19,200* | 180.0 | 19,900* | 180.0 | 20,400* | 180.0 | 21,000* | | |
| 190.0 | 18,500* | 190.0 | 19,800* | 190.0 | 20,500* | 190.0 | 20,900* | 190.0 | 20,900 | | | 190.0 | 17,400* | 190.0 | 18,100* | 190.0 | 18,700* | 190.0 | 19,200* | 190.0 | 19,600* | | |
| | | 200.0 | 17,700* | 200.0 | 18,800* | 200.0 | 19,600* | 200.0 | 19,400 | 200.0 | 18,000 | 200.0 | 16,400* | 200.0 | 17,000* | 200.0 | 17,500* | 200.0 | 18,200* | 200.0 | 18,600* | 200.0 | 17,800 |
| | | | | 210.0 | 16,900* | 210.0 | 17,800* | 210.0 | 18,000 | 210.0 | 16,700 | | | 210.0 | 16,000* | 210.0 | 16,700* | 210.0 | 17,100* | 210.0 | 17,600* | 210.0 | 16,500 |
| | | | | | | 220.0 | 16,000* | 220.0 | 16,700 | 220.0 | 15,700 | | | | | 220.0 | 15,900* | 220.0 | 16,500 | 220.0 | 16,500 | 220.0 | 15,400 |
| | | | | | | | | 230.0 | 15,100* | 230.0 | 14,500 | | | | | | | 230.0 | 15,100* | 230.0 | 15,100* | 230.0 | 14,200 |
| | | | | | | | | | | 240.0 | 13,600 | | | | | | | | | 240.0 | 13,400* | 240.0 | 13,200 |
| | | | | | | | | | | | | | | | | | | | | | | 250.0 | 12,300 |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 130' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 70 ft Jib | | | | | | | | | | 80 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 34.0 | 140,600* | | | | | | | | | | | | | | | | | | | | | | |
| 36.0 | 138,000* | | | | | | | | | | | | | | | | | | | | | | |
| 38.0 | 135,300* | | | | | | | | | | | | | | | | | | | | | | |
| 40.0 | 132,700* | | | | | | | | | | | 40.0 | 119,000* | | | | | | | | | | |
| 42.0 | 130,000* | | | | | | | | | | | 42.0 | 119,000* | | | | | | | | | | |
| 44.0 | 127,300* | | | | | | | | | | | 44.0 | 119,000* | | | | | | | | | | |
| 46.0 | 124,600* | | | | | | | | | | | 46.0 | 119,000* | | | | | | | | | | |
| 48.0 | 122,000* | | | | | | | | | | | 48.0 | 118,300* | | | | | | | | | | |
| 50.0 | 119,400* | | | | | | | | | | | 50.0 | 117,600* | | | | | | | | | | |
| 55.0 | 112,800* | 55.0 | 123,400 | | | | | | | | | 55.0 | 113,800* | | | | | | | | | | |
| 60.0 | 106,300* | 60.0 | 115,100 | | | | | | | | | 60.0 | 108,000* | 60.0 | 114,800 | | | | | | | | |
| 65.0 | 99,500* | 65.0 | 104,100 | | | | | | | | | 65.0 | 102,300* | 65.0 | 104,000 | | | | | | | | |
| 70.0 | 93,000* | 70.0 | 94,900 | | | | | | | | | 70.0 | 96,400* | 70.0 | 94,900 | | | | | | | | |
| 75.0 | 82,100* | 75.0 | 86,900 | 75.0 | 83,100 | | | | | | | 75.0 | 89,000* | 75.0 | 86,900 | 75.0 | 82,700 | | | | | | |
| | | 80.0 | 80,000 | 80.0 | 76,600 | | | | | | | 80.0 | 79,900* | 80.0 | 80,000 | 80.0 | 76,100 | | | | | | |
| | | 85.0 | 73,900 | 85.0 | 70,800 | | | | | | | 85.0 | 69,000* | 85.0 | 73,900 | 85.0 | 70,400 | | | | | | |
| | | 90.0 | 68,800 | 90.0 | 65,900 | 90.0 | 63,400 | | | | | | | 90.0 | 69,000 | 90.0 | 65,600 | | | | | | |
| | | | | 95.0 | 61,600 | 95.0 | 59,300 | | | | | | | 95.0 | 64,600 | 95.0 | 61,400 | 95.0 | 59,000 | | | | |
| | | | | | | 100.0 | 55,500 | | | | | | | | | 100.0 | 57,500 | 100.0 | 55,300 | | | | |
| | | | | | | 110.0 | 49,200 | 110.0 | 46,900 | | | | | | | 110.0 | 50,900 | 110.0 | 49,100 | | | | |
| | | | | | | | | 120.0 | 41,900 | | | | | | | | | | | 120.0 | 41,500 | | |
| | | | | | | | | | | 120.0 | 40,200 | | | | | | | | | 130.0 | 37,400 | 130.0 | 36,100 |
| | | | | | | | | | | 130.0 | 36,300 | | | | | | | | | 140.0 | 32,800 | 140.0 | 32,800 |
| Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 6 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 130' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 90 ft Jib | | | | | | | | | | 100 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 40.0 | 119,000* | | | | | | | | | | | | | | | | | | | | | | |
| 42.0 | 119,000* | | | | | | | | | | | | | | | | | | | | | | |
| 44.0 | 119,000* | | | | | | | | | | | | | | | | | | | | | | |
| 46.0 | 119,000* | | | | | | | | | | | 46.0 | 119,000* | | | | | | | | | | |
| 48.0 | 118,300* | | | | | | | | | | | 48.0 | 117,600* | | | | | | | | | | |
| 50.0 | 117,600* | | | | | | | | | | | 50.0 | 116,300* | | | | | | | | | | |
| 55.0 | 113,800* | | | | | | | | | | | 55.0 | 111,900* | | | | | | | | | | |
| 60.0 | 108,000* | 60.0 | 113,800 | | | | | | | | | 60.0 | 106,600* | | | | | | | | | | |
| 65.0 | 102,300* | 65.0 | 103,700 | | | | | | | | | 65.0 | 101,700* | | | | | | | | | | |
| 70.0 | 96,600* | 70.0 | 94,700 | | | | | | | | | 70.0 | 96,600* | 70.0 | 94,300 | | | | | | | | |
| 75.0 | 89,600* | 75.0 | 86,700 | | | | | | | | | 75.0 | 90,000* | 75.0 | 86,500 | | | | | | | | |
| 80.0 | 82,000* | 80.0 | 79,800 | 80.0 | 75,700 | | | | | | | 80.0 | 82,700* | 80.0 | 79,600 | | | | | | | | |
| 85.0 | 75,100* | 85.0 | 73,700 | 85.0 | 70,000 | | | | | | | 85.0 | 76,200* | 85.0 | 73,500 | | | | | | | | |
| 90.0 | 67,300* | 90.0 | 68,800 | 90.0 | 65,200 | | | | | | | 90.0 | 70,400* | 90.0 | 68,600 | 90.0 | 65,200 | | | | | | |
| 95.0 | 58,800* | 95.0 | 64,300 | 95.0 | 60,900 | | | | | | | 95.0 | 64,700* | 95.0 | 64,100 | 95.0 | 60,900 | | | | | | |
| 98.4 | 52,900* | 100.0 | 60,300 | 100.0 | 57,000 | 100.0 | 54,900 | | | | | 100.0 | 58,600* | 100.0 | 60,100 | 100.0 | 57,000 | | | | | | |
| | | 110.0 | 53,400 | 110.0 | 50,700 | 110.0 | 48,700 | | | | | | | 110.0 | 53,400 | 110.0 | 50,700 | 110.0 | 48,500 | | | | |
| | | | | | | 120.0 | 43,700 | 120.0 | 41,000 | | | | | | | 120.0 | 45,400 | 120.0 | 43,400 | 120.0 | 41,000 | | |
| | | | | | | 130.0 | 39,500 | 130.0 | 37,000 | | | | | | | 130.0 | 41,000 | 130.0 | 39,200 | 130.0 | 37,000 | | |
| | | | | | | | | 140.0 | 33,700 | 140.0 | 32,400 | | | | | | | | 140.0 | 33,700 | 140.0 | 32,100 | |
| | | | | | | | | | | 150.0 | 29,700 | | | | | | | | 150.0 | 30,800 | 150.0 | 29,300 | |
| | | | | | | | | | | | | | | | | | | | 160.0 | 27,000 | 160.0 | 27,000 | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 130' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|--------|
| 150 ft Jib | | | | | | | | | | | | 160 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 60.0 | 63,300* | | | | | | | | | | | 60.0 | 53,800* | | | | | | | | | | |
| 65.0 | 62,200* | | | | | | | | | | | 65.0 | 52,800* | | | | | | | | | | |
| 70.0 | 61,200* | | | | | | | | | | | 70.0 | 51,900* | | | | | | | | | | |
| 75.0 | 60,200* | | | | | | | | | | | 75.0 | 51,100* | | | | | | | | | | |
| 80.0 | 59,300* | 80.0 | 61,500* | | | | | | | | | 80.0 | 50,200* | | | | | | | | | | |
| 85.0 | 58,600* | 85.0 | 60,600* | | | | | | | | | 85.0 | 49,400* | | | | | | | | | | |
| 90.0 | 57,500* | 90.0 | 59,800* | | | | | | | | | 90.0 | 48,700* | 90.0 | 50,500* | | | | | | | | |
| 95.0 | 55,800* | 95.0 | 58,900* | | | | | | | | | 95.0 | 47,600* | 95.0 | 49,700* | | | | | | | | |
| 100.0 | 53,800* | 100.0 | 57,700 | | | | | | | | | 100.0 | 46,100* | 100.0 | 48,900* | | | | | | | | |
| 110.0 | 50,100* | 110.0 | 52,300 | 110.0 | 49,600 | | | | | | | 110.0 | 42,600* | 110.0 | 46,700* | | | | | | | | |
| 120.0 | 46,500* | 120.0 | 46,900 | 120.0 | 44,500 | | | | | | | 120.0 | 39,600* | 120.0 | 43,200* | 120.0 | 44,500 | | | | | | |
| 130.0 | 42,800* | 130.0 | 42,400 | 130.0 | 40,100 | 130.0 | 37,900 | | | | | 130.0 | 37,100* | 130.0 | 40,200* | 130.0 | 40,100 | | | | | | |
| 140.0 | 38,200* | 140.0 | 38,500 | 140.0 | 36,500 | 140.0 | 34,500 | | | | | 140.0 | 34,500* | 140.0 | 37,600* | 140.0 | 36,500 | 140.0 | 34,500 | | | | |
| 150.0 | 32,500* | | | 150.0 | 33,300 | 150.0 | 31,500 | | | | | 150.0 | 31,700* | 150.0 | 35,200 | 150.0 | 33,300 | 150.0 | 31,500 | | | | |
| | | 160.0 | 32,300 | 160.0 | 30,600 | 160.0 | 28,900 | 160.0 | 27,100 | | | 160.0 | 28,900* | 160.0 | 32,300 | 160.0 | 30,700 | 160.0 | 28,900 | 160.0 | 27,100 | | |
| | | | | 170.0 | 28,300 | 170.0 | 26,500 | 170.0 | 25,000 | | | | | 170.0 | 29,900 | 170.0 | 28,300 | 170.0 | 26,500 | 170.0 | 25,000 | | |
| | | | | | | 180.0 | 24,600 | 180.0 | 23,100 | 170.6 | 23,300 | | | | | 180.0 | 26,100 | 180.0 | 24,600 | 180.0 | 23,100 | 180.0 | 21,700 |
| | | | | | | 190.0 | 22,900 | 190.0 | 21,400 | 180.0 | 21,700 | | | | | 190.0 | 20,100 | 190.0 | 19,900 | 190.0 | 21,400 | 190.0 | 20,100 |
| | | | | | | | | | | 200.0 | 18,700 | | | | | | | | | 200.0 | 19,900 | 200.0 | 18,700 |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

| 130' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|--------|
| 170 ft Jib | | | | | | | | | | | | 180 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 70.0 | 51,200* | | | | | | | | | | | 70.0 | 46,000* | | | | | | | | | | |
| 75.0 | 50,800* | | | | | | | | | | | 75.0 | 45,500* | | | | | | | | | | |
| 80.0 | 50,000* | | | | | | | | | | | 80.0 | 45,000* | | | | | | | | | | |
| 85.0 | 48,300* | | | | | | | | | | | 85.0 | 44,500* | | | | | | | | | | |
| 90.0 | 46,500* | 90.0 | 47,100* | | | | | | | | | 90.0 | 42,700* | | | | | | | | | | |
| 95.0 | 44,800* | 95.0 | 45,400* | | | | | | | | | 95.0 | 40,900* | 95.0 | 42,700* | | | | | | | | |
| 100.0 | 43,100* | 100.0 | 43,700* | | | | | | | | | 100.0 | 39,200* | 100.0 | 41,100* | | | | | | | | |
| 110.0 | 39,700* | 110.0 | 40,500* | | | | | | | | | 110.0 | 36,100* | 110.0 | 37,700* | | | | | | | | |
| 120.0 | 36,400* | 120.0 | 37,500* | 120.0 | 38,200* | | | | | | | 120.0 | 33,500* | 120.0 | 34,900* | 120.0 | 36,300* | | | | | | |
| 130.0 | 33,400* | 130.0 | 34,500* | 130.0 | 35,300* | | | | | | | 130.0 | 31,100* | 130.0 | 32,200* | 130.0 | 33,600* | | | | | | |
| 140.0 | 30,400* | 140.0 | 31,500* | 140.0 | 32,400* | 140.0 | 33,200* | | | | | 140.0 | 28,800* | 140.0 | 29,900* | 140.0 | 31,200* | | | | | | |
| 150.0 | 27,800* | 150.0 | 28,900* | 150.0 | 29,900* | 150.0 | 30,600* | | | | | 150.0 | 27,000* | 150.0 | 27,900* | 150.0 | 29,000* | 150.0 | 29,900* | 150.0 | 29,900* | | |
| 160.0 | 25,100* | 160.0 | 26,400* | 160.0 | 27,400* | 160.0 | 28,200 | 160.0 | 26,500 | | | 160.0 | 25,100* | 160.0 | 26,100* | 160.0 | 27,000* | 160.0 | 27,900 | 160.0 | 27,900 | | |
| 170.0 | 22,400* | 170.0 | 23,900* | 170.0 | 25,000* | 170.0 | 25,900 | 170.0 | 24,300 | 170.0 | 24,300 | 170.0 | 23,200* | 170.0 | 24,300* | 170.0 | 25,200* | 170.0 | 25,900 | 170.0 | 24,100 | | |
| | | 180.0 | 21,300* | 180.0 | 22,700* | 180.0 | 23,800* | 180.0 | 22,400 | 180.0 | 22,400 | 180.0 | 20,700* | 180.0 | 22,000* | 180.0 | 23,000* | 180.0 | 23,800 | 180.0 | 22,300 | | |
| | | | | 190.0 | 20,300* | 190.0 | 21,600* | 190.0 | 20,700 | 190.0 | 19,400 | | | 190.0 | 19,800* | 190.0 | 21,000* | 190.0 | 21,800 | 190.0 | 20,700 | | |
| | | | | | | 200.0 | 19,400* | 200.0 | 19,400 | 200.0 | 18,000 | | | | | 200.0 | 18,900* | 200.0 | 19,800* | 200.0 | 19,100 | 200.0 | 17,800 |
| | | | | | | | | 210.0 | 18,000 | 210.0 | 16,700 | | | | | | | 210.0 | 18,000* | 210.0 | 17,800 | 210.0 | 16,500 |
| | | | | | | | | | | 220.0 | 15,500 | | | | | | | | | 220.0 | 16,600 | 220.0 | 15,400 |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 130' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 190 ft Jib | | | | | | | | | | | | 200 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 70.0 | 41,400* | | | | | | | | | | | | | | | | | | | | | | |
| 75.0 | 40,900* | | | | | | | | | | | 75.0 | 37,000* | | | | | | | | | | |
| 80.0 | 40,400* | | | | | | | | | | | 80.0 | 36,600* | | | | | | | | | | |
| 85.0 | 39,900* | | | | | | | | | | | 85.0 | 35,900* | | | | | | | | | | |
| 90.0 | 38,400* | | | | | | | | | | | 90.0 | 34,600* | | | | | | | | | | |
| 95.0 | 36,900* | | | | | | | | | | | 95.0 | 33,300* | | | | | | | | | | |
| 100.0 | 35,400* | 100.0 | 37,000* | | | | | | | | | 100.0 | 32,000* | 100.0 | 33,500* | | | | | | | | |
| 110.0 | 32,700* | 110.0 | 34,100* | | | | | | | | | 110.0 | 29,600* | 110.0 | 30,800* | | | | | | | | |
| 120.0 | 30,400* | 120.0 | 31,500* | | | | | | | | | 120.0 | 27,400* | 120.0 | 28,600* | | | | | | | | |
| 130.0 | 28,200* | 130.0 | 29,300* | 130.0 | 30,400* | | | | | | | 130.0 | 25,600* | 130.0 | 26,600* | 130.0 | 27,500* | | | | | | |
| 140.0 | 26,300* | 140.0 | 27,300* | 140.0 | 28,200* | | | | | | | 140.0 | 23,800* | 140.0 | 24,700* | 140.0 | 25,600* | | | | | | |
| 150.0 | 24,600* | 150.0 | 25,500* | 150.0 | 26,300* | 150.0 | 27,300* | | | | | 150.0 | 22,300* | 150.0 | 23,000* | 150.0 | 23,900* | | | | | | |
| 160.0 | 23,000* | 160.0 | 23,800* | 160.0 | 24,700* | 160.0 | 25,300* | | | | | 160.0 | 21,000* | 160.0 | 21,700* | 160.0 | 22,300* | 160.0 | 23,100* | | | | |
| 170.0 | 21,600* | 170.0 | 22,300* | 170.0 | 23,000* | 170.0 | 23,800* | | | | | 170.0 | 19,700* | 170.0 | 20,300* | 170.0 | 21,000* | 170.0 | 21,600* | | | | |
| 180.0 | 20,300* | 180.0 | 21,000* | 180.0 | 21,600* | 180.0 | 22,300* | 180.0 | 22,000 | | | 180.0 | 18,600* | 180.0 | 19,200* | 180.0 | 19,700* | 180.0 | 20,300* | 180.0 | 20,700* | | |
| 190.0 | 18,500* | 190.0 | 19,600* | 190.0 | 20,300* | 190.0 | 20,900* | 190.0 | 20,300 | | | 190.0 | 17,400* | 190.0 | 18,100* | 190.0 | 18,500* | 190.0 | 19,200* | 190.0 | 19,600* | | |
| | | 200.0 | 17,600* | 200.0 | 18,700* | 200.0 | 19,400* | 200.0 | 18,700 | 200.0 | 17,400 | 200.0 | 15,800* | 200.0 | 17,000* | 200.0 | 17,500* | 200.0 | 17,900* | 200.0 | 18,400 | | |
| | | | | 210.0 | 16,900* | 210.0 | 17,600* | 210.0 | 17,400 | 210.0 | 16,000 | | | 210.0 | 15,800* | 210.0 | 16,500* | 210.0 | 16,900* | 210.0 | 17,100 | 210.0 | 15,800 |
| | | | | | | 220.0 | 15,900* | 220.0 | 16,200 | 220.0 | 14,900 | | | | | 220.0 | 15,000* | 220.0 | 15,800* | 220.0 | 15,900 | 220.0 | 14,600 |
| | | | | | | | | 230.0 | 15,100 | 230.0 | 13,800 | | | | | | | 230.0 | 14,900 | 230.0 | 14,900 | 230.0 | 13,600 |
| | | | | | | | | | | 240.0 | 12,800 | | | | | | | | | 240.0 | 13,300* | 240.0 | 12,600 |
| | | | | | | | | | | | | | | | | | | | | | | 250.0 | 11,600 |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 140' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|---|
| 70 ft Jib | | | | | | | | | | | 80 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 40.0 | 119,000* | | | | | | | | | | | 40.0 | 119,000* | | | | | | | | | | |
| 42.0 | 119,000* | | | | | | | | | | | 42.0 | 119,000* | | | | | | | | | | |
| 44.0 | 119,000* | | | | | | | | | | | 44.0 | 119,000* | | | | | | | | | | |
| 46.0 | 119,000* | | | | | | | | | | | 46.0 | 119,000* | | | | | | | | | | |
| 48.0 | 118,500* | | | | | | | | | | | 48.0 | 118,800* | | | | | | | | | | |
| 50.0 | 118,000* | | | | | | | | | | | 50.0 | 118,600* | | | | | | | | | | |
| 55.0 | 114,100* | 55.0 | 118,200 | | | | | | | | | 55.0 | 115,300* | | | | | | | | | | |
| 60.0 | 107,400* | 60.0 | 114,700 | | | | | | | | | 60.0 | 109,200* | 60.0 | 114,300 | | | | | | | | |
| 65.0 | 100,800* | 65.0 | 103,600 | | | | | | | | | 65.0 | 103,000* | 65.0 | 103,600 | | | | | | | | |
| 70.0 | 94,100* | 70.0 | 94,400 | | | | | | | | | 70.0 | 96,900* | 70.0 | 94,400 | | | | | | | | |
| 75.0 | 83,200* | 75.0 | 86,500 | 75.0 | 82,300 | | | | | | | 75.0 | 89,600* | 75.0 | 86,500 | | | | | | | | |
| | | 80.0 | 79,600 | 80.0 | 75,700 | | | | | | | 80.0 | 80,600* | 80.0 | 79,600 | 80.0 | 75,300 | | | | | | |
| | | 85.0 | 73,700 | 85.0 | 70,000 | | | | | | | 85.0 | 69,800* | 85.0 | 73,700 | 85.0 | 69,700 | | | | | | |
| | | 90.0 | 68,600 | 90.0 | 65,200 | | | | | | | | | 90.0 | 68,600 | 90.0 | 65,000 | | | | | | |
| | | | | 95.0 | 60,900 | 95.0 | 58,300 | | | | | | | 95.0 | 64,100 | 95.0 | 60,700 | 95.0 | 58,200 | | | | |
| | | | | 100.0 | 57,100 | 100.0 | 54,700 | | | | | | | | | 100.0 | 56,800 | 100.0 | 54,400 | | | | |
| | | | | | | 110.0 | 48,500 | 110.0 | 45,800 | | | | | | | 110.0 | 50,300 | 110.0 | 48,200 | | | | |
| | | | | | | 120.0 | 41,000 | 120.0 | 41,000 | | | | | | | | | 120.0 | 43,200 | 120.0 | 40,400 | | |
| | | | | | | | | | | | | | | | | | | 130.0 | 36,600 | 130.0 | 36,600 | | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 140' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|---|
| 90 ft Jib | | | | | | | | | | | 100 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 39.3 | 119,000* | | | | | | | | | | | | | | | | | | | | | | |
| 40.0 | 119,000* | | | | | | | | | | | | | | | | | | | | | | |
| 42.0 | 119,000* | | | | | | | | | | | | | | | | | | | | | | |
| 44.0 | 119,000* | | | | | | | | | | | 46.0 | 115,900* | | | | | | | | | | |
| 46.0 | 118,900* | | | | | | | | | | | 48.0 | 114,700* | | | | | | | | | | |
| 48.0 | 117,100* | | | | | | | | | | | 50.0 | 113,500* | | | | | | | | | | |
| 50.0 | 115,200* | | | | | | | | | | | 55.0 | 109,800* | | | | | | | | | | |
| 55.0 | 110,500* | 59.0 | 115,200 | | | | | | | | | 60.0 | 105,400* | | | | | | | | | | |
| 60.0 | 105,700* | 60.0 | 113,300 | | | | | | | | | 65.0 | 100,800* | | | | | | | | | | |
| 65.0 | 100,900* | 65.0 | 103,300 | | | | | | | | | 70.0 | 96,300* | 70.0 | 93,900 | | | | | | | | |
| 70.0 | 96,100* | 70.0 | 94,200 | | | | | | | | | 75.0 | 90,000* | 75.0 | 86,000 | | | | | | | | |
| 75.0 | 89,700* | 75.0 | 86,300 | 78.7 | 76,200 | | | | | | | 80.0 | 82,800* | 80.0 | 79,200 | | | | | | | | |
| 80.0 | 82,200* | 80.0 | 79,400 | 80.0 | 74,800 | | | | | | | 85.0 | 76,600* | 85.0 | 73,300 | | | | | | | | |
| 85.0 | 75,300* | 85.0 | 73,500 | 85.0 | 69,300 | | | | | | | 90.0 | 70,700* | 90.0 | 68,200 | 90.0 | 64,500 | | | | | | |
| 90.0 | 67,800* | 90.0 | 68,400 | 90.0 | 64,500 | | | | | | | 95.0 | 65,000* | 95.0 | 63,700 | 95.0 | 60,300 | | | | | | |
| 95.0 | 59,600* | 95.0 | 63,900 | 95.0 | 60,300 | 98.4 | 55,100 | | | | | 100.0 | 59,100* | 100.0 | 59,700 | 100.0 | 56,400 | | | | | | |
| 98.4 | 53,700* | 100.0 | 59,900 | 100.0 | 56,400 | 100.0 | 54,000 | | | | | | | 110.0 | 53,000 | 110.0 | 50,000 | 110.0 | 47,600 | | | | |
| | | 110.0 | 53,200 | 110.0 | 50,000 | 110.0 | 47,800 | 118.1 | 40,700 | | | | | 120.0 | 44,800 | 120.0 | 42,600 | | | | | | |
| | | 111.5 | 52,200 | 120.0 | 44,800 | 120.0 | 42,900 | 120.0 | 40,000 | | | | | 130.0 | 40,600 | 130.0 | 38,500 | 130.0 | 36,100 | | | | |
| | | | | 124.6 | 42,700 | 130.0 | 38,800 | 130.0 | 36,100 | 137.7 | 31,900 | | | | | 140.0 | 35,000 | 140.0 | 32,800 | | | | |
| | | | | | | 131.2 | 38,300 | 140.0 | 32,800 | 140.0 | 31,300 | | | | | | | 150.0 | 30,000 | 150.0 | 28,400 | | |
| | | | | | | | | 144.3 | 31,500 | 150.0 | 28,600 | | | | | | | 160.0 | 26,100 | 160.0 | 26,100 | | |
| | | | | | | | | | | 157.4 | 26,800 | | | | | | | | | | | | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 140' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 110 ft Jib | | | | | | | | | | | | 120 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 46.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | |
| 48.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | |
| 50.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | |
| 55.0 | 89,200* | | | | | | | | | | | 55.0 | 89,200* | | | | | | | | | | |
| 60.0 | 89,200* | | | | | | | | | | | 60.0 | 88,800* | | | | | | | | | | |
| 65.0 | 89,200* | | | | | | | | | | | 65.0 | 86,400* | | | | | | | | | | |
| 70.0 | 89,200* | 70.0 | 89,200 | | | | | | | | | 70.0 | 84,200* | 70.0 | 83,100 | | | | | | | | |
| 75.0 | 87,100* | 75.0 | 85,300 | | | | | | | | | 75.0 | 81,600* | 75.0 | 76,700 | | | | | | | | |
| 80.0 | 82,600* | 80.0 | 78,700 | | | | | | | | | 80.0 | 78,300* | 80.0 | 71,000 | | | | | | | | |
| 85.0 | 76,400* | 85.0 | 72,800 | | | | | | | | | 85.0 | 74,300* | 85.0 | 66,200 | | | | | | | | |
| 90.0 | 70,800* | 90.0 | 67,900 | | | | | | | | | 90.0 | 70,700* | 90.0 | 61,900 | | | | | | | | |
| 95.0 | 65,700* | 95.0 | 63,500 | 95.0 | 59,800 | | | | | | | 95.0 | 66,400* | 95.0 | 58,100 | 95.0 | 59,800 | | | | | | |
| 100.0 | 61,000* | 100.0 | 59,500 | 100.0 | 56,000 | | | | | | | 100.0 | 61,900* | 100.0 | 54,700 | 100.0 | 56,000 | | | | | | |
| 110.0 | 51,300* | | | 110.0 | 49,600 | | | | | | | 110.0 | 54,000* | 110.0 | 48,800 | 110.0 | 49,600 | | | | | | |
| | | 120.0 | 47,300 | 120.0 | 44,500 | 120.0 | 42,300 | | | | | 120.0 | 45,600* | 120.0 | 43,900 | 120.0 | 41,900 | | | | | | |
| | | 130.0 | 42,800 | 130.0 | 40,100 | 130.0 | 38,100 | | | | | | | 130.0 | 39,900 | 130.0 | 37,900 | | | | | | |
| | | | | 140.0 | 36,500 | 140.0 | 34,700 | 140.0 | 32,400 | | | | | | | 140.0 | 36,500 | 140.0 | 34,300 | 140.0 | 32,400 | | |
| | | | | | | 150.0 | 31,700 | 150.0 | 29,500 | | | | | | | 150.0 | 33,300 | 150.0 | 31,300 | 150.0 | 29,500 | | |
| | | | | | | | | 160.0 | 27,100 | 160.0 | 25,700 | | | | | | | 160.0 | 28,900 | 160.0 | 27,000 | 160.0 | 25,200 |
| | | | | | | | | | | 170.0 | 23,700 | | | | | | | | | 170.0 | 25,000 | 170.0 | 23,200 |
| | | | | | | | | | | | | | | | | | | | | 180.0 | 21,500 | 180.0 | 21,500 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 140' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 130 ft Jib | | | | | | | | | | | | 140 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 55.0 | 79,500* | | | | | | | | | | | 55.0 | 71,600* | | | | | | | | | | |
| 60.0 | 79,000* | | | | | | | | | | | 60.0 | 71,100* | | | | | | | | | | |
| 65.0 | 78,300* | | | | | | | | | | | 65.0 | 70,600* | | | | | | | | | | |
| 70.0 | 77,600* | | | | | | | | | | | 70.0 | 69,200* | | | | | | | | | | |
| 75.0 | 76,200* | 75.0 | 78,900 | | | | | | | | | 75.0 | 67,700* | | | | | | | | | | |
| 80.0 | 74,200* | 80.0 | 77,200 | | | | | | | | | 80.0 | 66,100* | 80.0 | 70,600* | | | | | | | | |
| 85.0 | 72,200* | 85.0 | 72,500 | | | | | | | | | 85.0 | 64,400* | 85.0 | 70,100* | | | | | | | | |
| 90.0 | 70,100* | 90.0 | 67,700 | | | | | | | | | 90.0 | 62,700* | 90.0 | 66,900 | | | | | | | | |
| 95.0 | 66,700* | 95.0 | 63,200 | | | | | | | | | 95.0 | 61,200* | 95.0 | 63,000 | | | | | | | | |
| 100.0 | 62,400* | 100.0 | 59,200 | 100.0 | 56,000 | | | | | | | 100.0 | 59,600* | 100.0 | 59,000 | | | | | | | | |
| 110.0 | 54,700* | 110.0 | 52,500 | 110.0 | 49,600 | | | | | | | 110.0 | 54,700* | 110.0 | 52,300 | 110.0 | 49,400 | | | | | | |
| 120.0 | 48,200* | 120.0 | 47,100 | 120.0 | 44,500 | 120.0 | 41,900 | | | | | 120.0 | 48,500* | 120.0 | 46,900 | 120.0 | 44,300 | | | | | | |
| 130.0 | 40,900* | 130.0 | 42,600 | 130.0 | 40,100 | 130.0 | 37,700 | | | | | 130.0 | 43,100* | 130.0 | 42,400 | 130.0 | 39,900 | 130.0 | 37,700 | | | | |
| | | 140.0 | 38,700 | 140.0 | 36,500 | 140.0 | 34,300 | 140.0 | 32,100 | | | 140.0 | 36,500* | 140.0 | 38,600 | 140.0 | 36,300 | 140.0 | 34,100 | | | | |
| | | 150.0 | 35,300 | 150.0 | 33,300 | 150.0 | 31,300 | 150.0 | 29,300 | | | | | 150.0 | 35,300 | 150.0 | 33,300 | 150.0 | 31,100 | 150.0 | 29,300 | | |
| | | | | | | 160.0 | 28,700 | 160.0 | 26,900 | | | | | | | 160.0 | 30,600 | 160.0 | 28,700 | 160.0 | 26,800 | | |
| | | | | | | 170.0 | 26,500 | 170.0 | 24,800 | 170.0 | 23,200 | | | | | 170.0 | 28,100 | 170.0 | 26,300 | 170.0 | 24,800 | | |
| | | | | | | | | 180.0 | 23,100 | 180.0 | 21,500 | | | | | | | 180.0 | 22,800 | 180.0 | 22,800 | 180.0 | 21,300 |
| | | | | | | | | | | 190.0 | 19,800 | | | | | | | 190.0 | 21,200 | 190.0 | 21,200 | 190.0 | 19,600 |
| | | | | | | | | | | | | | | | | | | | | | 200.0 | 18,300 | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 140' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 150 ft Jib | | | | | | | | | | 160 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 60.0 | 63,300* | | | | | | | | | | | 60.0 | 53,800* | | | | | | | | | | |
| 65.0 | 62,200* | | | | | | | | | | | 65.0 | 52,800* | | | | | | | | | | |
| 70.0 | 61,200* | | | | | | | | | | | 70.0 | 51,900* | | | | | | | | | | |
| 75.0 | 60,200* | | | | | | | | | | | 75.0 | 51,100* | | | | | | | | | | |
| 80.0 | 59,300* | | | | | | | | | | | 80.0 | 50,200* | | | | | | | | | | |
| 85.0 | 58,600* | | | | | | | | | | | 85.0 | 49,400* | | | | | | | | | | |
| 90.0 | 57,500* | 90.0 | 59,800* | | | | | | | | | 90.0 | 48,700* | 90.0 | 50,700* | | | | | | | | |
| 95.0 | 55,800* | 95.0 | 59,100* | | | | | | | | | 95.0 | 47,600* | 95.0 | 49,900* | | | | | | | | |
| 100.0 | 53,800* | 100.0 | 57,700 | | | | | | | | | 100.0 | 46,200* | 100.0 | 49,100* | | | | | | | | |
| 110.0 | 50,100* | 110.0 | 52,000 | 110.0 | 49,100 | | | | | | | 110.0 | 42,800* | 110.0 | 47,100* | | | | | | | | |
| 120.0 | 46,500* | 120.0 | 46,600 | 120.0 | 43,900 | | | | | | | 120.0 | 39,800* | 120.0 | 43,600* | 120.0 | 44,000 | | | | | | |
| 130.0 | 42,800* | 130.0 | 42,100 | 130.0 | 39,700 | | | | | | | 130.0 | 37,100* | 130.0 | 40,400* | 130.0 | 39,700 | | | | | | |
| 140.0 | 38,300* | 140.0 | 38,200 | 140.0 | 36,000 | 140.0 | 33,700 | | | | | 140.0 | 34,500* | 140.0 | 37,800 | 140.0 | 36,000 | 140.0 | 33,800 | | | | |
| 150.0 | 32,700* | 150.0 | 35,100 | 150.0 | 32,900 | 150.0 | 30,800 | | | | | 150.0 | 31,700* | 150.0 | 35,100 | 150.0 | 32,900 | 150.0 | 30,800 | | | | |
| | | 160.0 | 32,100 | 160.0 | 30,200 | 160.0 | 28,200 | 160.0 | 26,300 | | | 160.0 | 29,200* | 160.0 | 32,200 | 160.0 | 30,200 | 160.0 | 28,200 | 160.0 | 26,300 | | |
| | | 170.0 | 29,200 | 170.0 | 27,900 | 170.0 | 26,100 | 170.0 | 24,300 | | | | | 170.0 | 29,700 | 170.0 | 27,900 | 170.0 | 26,100 | 170.0 | 24,300 | | |
| | | | | | | 180.0 | 24,100 | 180.0 | 22,400 | 180.0 | 20,900 | | | | | 180.0 | 25,800 | 180.0 | 24,100 | 180.0 | 22,400 | | |
| | | | | | | 190.0 | 22,300 | 190.0 | 20,700 | 190.0 | 19,200 | | | | | 190.0 | 24,000 | 190.0 | 22,300 | 190.0 | 20,700 | 190.0 | 19,200 |
| | | | | | | 200.0 | 19,400 | 200.0 | 17,800 | 210.0 | 16,700 | | | | | | | 200.0 | 20,700 | 200.0 | 19,400 | 200.0 | 17,800 |
| | | | | | | | | | | | | | | | | | | | | | | 210.0 | 16,700 |
| | | | | | | | | | | | | | | | | | | | | | | 220.0 | 15,500 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

| 140' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 170 ft Jib | | | | | | | | | | 180 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 65.6 | 50,400* | | | | | | | | | | | 70.0 | 44,900* | | | | | | | | | | |
| 70.0 | 50,000* | | | | | | | | | | | 75.0 | 44,400* | | | | | | | | | | |
| 75.0 | 49,500* | | | | | | | | | | | 80.0 | 43,900* | | | | | | | | | | |
| 80.0 | 48,900* | | | | | | | | | | | 85.0 | 43,400* | | | | | | | | | | |
| 85.0 | 47,900* | | | | | | | | | | | 90.0 | 42,300* | | | | | | | | | | |
| 90.0 | 46,200* | 91.8 | 46,000* | | | | | | | | | 95.0 | 40,800* | 95.0 | 42,500* | | | | | | | | |
| 95.0 | 44,500* | 95.0 | 45,000* | | | | | | | | | 100.0 | 39,100* | 100.0 | 41,000* | | | | | | | | |
| 100.0 | 42,900* | 100.0 | 43,300* | | | | | | | | | 110.0 | 36,100* | 110.0 | 37,700* | | | | | | | | |
| 110.0 | 39,500* | 110.0 | 40,200* | 118.1 | 38,300* | | | | | | | 120.0 | 33,400* | 120.0 | 34,700* | 120.0 | 36,200* | | | | | | |
| 120.0 | 36,200* | 120.0 | 37,100* | 120.0 | 37,700* | | | | | | | 130.0 | 30,900* | 130.0 | 32,200* | 130.0 | 33,400* | | | | | | |
| 130.0 | 33,200* | 130.0 | 34,200* | 130.0 | 34,900* | 137.7 | 33,200* | | | | | 140.0 | 28,800* | 140.0 | 29,900* | 140.0 | 31,000* | | | | | | |
| 140.0 | 30,400* | 140.0 | 31,300* | 140.0 | 32,200* | 140.0 | 32,700 | | | | | 150.0 | 26,800* | 150.0 | 27,900* | 150.0 | 28,800* | 150.0 | 29,700* | | | | |
| 150.0 | 27,500* | 150.0 | 28,600* | 150.0 | 29,700* | 150.0 | 30,200 | | | | | 160.0 | 25,100* | 160.0 | 26,000* | 160.0 | 26,900* | 160.0 | 27,400 | | | | |
| 160.0 | 24,800* | 160.0 | 26,200* | 160.0 | 27,100* | 160.0 | 27,600 | 164.0 | 24,900 | | | 170.0 | 23,000* | 170.0 | 24,100* | 170.0 | 24,800* | 170.0 | 25,200 | | | | |
| 170.0 | 22,200* | 170.0 | 23,700* | 170.0 | 24,800* | 170.0 | 25,400 | 170.0 | 23,700 | | | 180.0 | 20,700* | 180.0 | 21,900* | 180.0 | 22,700* | 180.0 | 23,300 | 180.0 | 21,500 | | |
| 177.1 | 20,200* | 180.0 | 21,300* | 180.0 | 22,500* | 180.0 | 23,400 | 180.0 | 21,700 | | | | | 190.0 | 19,600* | 190.0 | 20,700* | 190.0 | 21,600 | 190.0 | 20,100 | | |
| | | 190.0 | 18,800* | 190.0 | 20,300* | 190.0 | 21,400* | 190.0 | 20,100 | 190.2 | 18,500 | | | | | 200.0 | 18,700* | 200.0 | 19,600* | 200.0 | 18,500 | 200.0 | 16,900 |
| | | 190.2 | 18,700* | 196.8 | 18,700* | 200.0 | 19,200* | 200.0 | 18,700 | 200.0 | 17,200 | | | | | 210.0 | 17,800* | 210.0 | 17,800* | 210.0 | 17,100 | 210.0 | 15,800 |
| | | | | | | 209.9 | 17,100* | 210.0 | 17,400 | 210.0 | 16,000 | | | | | 220.0 | 15,900* | 220.0 | 16,000 | 220.0 | 16,000 | 220.0 | 14,600 |
| | | | | | | | | 220.0 | 16,000 | 220.0 | 14,800 | | | | | | | | | | | 230.0 | 13,600 |
| | | | | | | | | 223.0 | 15,600 | 230.0 | 13,600 | | | | | | | | | | | 240.0 | 12,600 |
| | | | | | | | | | | 236.2 | 13,200 | | | | | | | | | | | | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 140' Boom | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|
| 190 ft Jib | | | | | | | | | | | | 200 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | |
| 70.0 | 40,700* | | | | | | | | | | | | | | | | | | | | | | | |
| 75.0 | 40,200* | | | | | | | | | | | 75.0 | 36,400* | | | | | | | | | | | |
| 80.0 | 39,700* | | | | | | | | | | | 80.0 | 36,000* | | | | | | | | | | | |
| 85.0 | 39,200* | | | | | | | | | | | 85.0 | 35,700* | | | | | | | | | | | |
| 90.0 | 38,100* | | | | | | | | | | | 90.0 | 34,400* | | | | | | | | | | | |
| 95.0 | 36,700* | | | | | | | | | | | 95.0 | 33,100* | | | | | | | | | | | |
| 100.0 | 35,200* | 100.0 | 37,000* | | | | | | | | | 100.0 | 31,800* | 100.0 | 33,300* | | | | | | | | | |
| 110.0 | 32,600* | 110.0 | 34,100* | | | | | | | | | 110.0 | 29,400* | 110.0 | 30,700* | | | | | | | | | |
| 120.0 | 30,200* | 120.0 | 31,500* | | | | | | | | | 120.0 | 27,300* | 120.0 | 28,400* | | | | | | | | | |
| 130.0 | 28,000* | 130.0 | 29,100* | 130.0 | 30,300* | | | | | | | 130.0 | 25,500* | 130.0 | 26,400* | | | | | | | | | |
| 140.0 | 26,300* | 140.0 | 27,100* | 140.0 | 28,200* | | | | | | | 140.0 | 23,800* | 140.0 | 24,700* | 140.0 | 25,600* | | | | | | | |
| 150.0 | 24,600* | 150.0 | 25,500* | 150.0 | 26,100* | | | | | | | 150.0 | 22,300* | 150.0 | 23,000* | 150.0 | 23,900* | | | | | | | |
| 160.0 | 23,000* | 160.0 | 23,800* | 160.0 | 24,400* | 160.0 | 25,300* | | | | | 160.0 | 20,900* | 160.0 | 21,700* | 160.0 | 22,300* | 160.0 | 23,000* | | | | | |
| 170.0 | 21,400* | 170.0 | 22,300* | 170.0 | 23,000* | 170.0 | 23,600* | | | | | 170.0 | 19,700* | 170.0 | 20,300* | 170.0 | 21,000* | 170.0 | 21,400* | | | | | |
| 180.0 | 20,300* | 180.0 | 21,000* | 180.0 | 21,600* | 180.0 | 22,200* | 180.0 | 21,300 | | | 180.0 | 18,500* | 180.0 | 19,100* | 180.0 | 19,600* | 180.0 | 20,200* | | | | | |
| 190.0 | 18,500* | 190.0 | 19,600* | 190.0 | 20,300* | 190.0 | 20,700* | 190.0 | 19,600 | | | 190.0 | 17,400* | 190.0 | 18,100* | 190.0 | 18,500* | 190.0 | 18,900* | 190.0 | 19,200 | | | |
| | | 200.0 | 17,600* | 200.0 | 18,500* | 200.0 | 19,000* | 200.0 | 18,000 | 200.0 | 16,500 | | 200.0 | 14,500* | 200.0 | 17,000* | 200.0 | 17,500* | 200.0 | 17,800 | | | | |
| | | | | 210.0 | 16,700* | 210.0 | 17,400* | 210.0 | 16,900 | 210.0 | 15,200 | | | | 210.0 | 15,800* | 210.0 | 16,500* | 210.0 | 16,900* | 210.0 | 16,500 | 210.0 | 14,900 |
| | | | | | | 220.0 | 15,700* | 220.0 | 15,700 | 220.0 | 14,200 | | | | | | 220.0 | 14,800* | 220.0 | 15,500* | 220.0 | 15,400 | 220.0 | 13,700 |
| | | | | | | | | 230.0 | 14,700 | 230.0 | 12,900 | | | | | | | | 230.0 | 14,000* | 230.0 | 14,200 | 230.0 | 12,700 |
| | | | | | | | | 240.0 | 13,200* | 240.0 | 12,100 | | | | | | | | 240.0 | 12,300* | 240.0 | 13,100 | 240.0 | 11,700 |
| | | | | | | | | | | 250.0 | 11,100 | | | | | | | | | | | 250.0 | 10,900 | |
| | | | | | | | | | | | | | | | | | | | | | | 260.0 | 10,000 | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 150' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|---|
| 70 ft Jib | | | | | | | | | | | | 80 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 40.0 | 119,000* | | | | | | | | | | | 40.0 | 119,000* | | | | | | | | | | |
| 42.0 | 119,000* | | | | | | | | | | | 42.0 | 119,000* | | | | | | | | | | |
| 44.0 | 119,000* | | | | | | | | | | | 44.0 | 119,000* | | | | | | | | | | |
| 46.0 | 119,000* | | | | | | | | | | | 46.0 | 118,900* | | | | | | | | | | |
| 48.0 | 118,300* | | | | | | | | | | | 48.0 | 116,900* | | | | | | | | | | |
| 50.0 | 117,600* | | | | | | | | | | | 50.0 | 114,900* | | | | | | | | | | |
| 55.0 | 113,700* | 55.0 | 118,000 | | | | | | | | | 55.0 | 110,000* | | | | | | | | | | |
| 60.0 | 107,400* | 60.0 | 114,300 | | | | | | | | | 60.0 | 105,400* | 60.0 | 113,900 | | | | | | | | |
| 65.0 | 100,800* | 65.0 | 103,200 | | | | | | | | | 65.0 | 100,800* | 65.0 | 103,100 | | | | | | | | |
| 70.0 | 94,900* | 70.0 | 94,000 | | | | | | | | | 70.0 | 96,100* | 70.0 | 94,000 | | | | | | | | |
| 75.0 | 84,300* | 75.0 | 86,000 | 75.0 | 81,500 | | | | | | | 75.0 | 89,600* | 75.0 | 86,000 | | | | | | | | |
| | | 80.0 | 79,200 | 80.0 | 75,000 | | | | | | | 80.0 | 81,100* | 80.0 | 79,200 | 80.0 | 74,600 | | | | | | |
| | | 85.0 | 73,300 | 85.0 | 69,300 | | | | | | | 85.0 | 70,700* | 85.0 | 73,300 | 85.0 | 68,900 | | | | | | |
| | | 90.0 | 68,200 | 90.0 | 64,500 | | | | | | | | | 90.0 | 68,300 | 90.0 | 64,300 | | | | | | |
| | | | | 95.0 | 60,400 | 95.0 | 57,400 | | | | | | | 95.0 | 63,900 | 95.0 | 60,000 | | | | | | |
| | | | | 100.0 | 56,600 | 100.0 | 53,800 | | | | | | | | | 100.0 | 56,200 | 100.0 | 53,600 | | | | |
| | | | | | | 110.0 | 47,800 | | | | | | | | | 110.0 | 49,800 | 110.0 | 47,600 | | | | |
| | | | | | | | | 120.0 | 40,100 | | | | | | | | | 120.0 | 42,600 | 120.0 | 39,700 | | |
| | | | | | | | | 130.0 | 36,100 | 130.0 | 34,300 | | | | | | | | 130.0 | 35,700 | | | |
| | | | | | | | | | | 140.0 | 31,100 | | | | | | | | | | 140.0 | 31,000 | |
| | | | | | | | | | | | | | | | | | | | | 150.0 | 28,200 | | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 150' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|---|
| 90 ft Jib | | | | | | | | | | | 100 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 40.0 | 107,700* | | | | | | | | | | | | | | | | | | | | | | |
| 42.0 | 106,600* | | | | | | | | | | | | | | | | | | | | | | |
| 44.0 | 105,600* | | | | | | | | | | | | | | | | | | | | | | |
| 46.0 | 104,600* | | | | | | | | | | | 46.0 | 89,200* | | | | | | | | | | |
| 48.0 | 103,600* | | | | | | | | | | | 48.0 | 89,200* | | | | | | | | | | |
| 50.0 | 102,600* | | | | | | | | | | | 50.0 | 89,200* | | | | | | | | | | |
| 55.0 | 100,200* | | | | | | | | | | | 55.0 | 89,200* | | | | | | | | | | |
| 60.0 | 97,800* | | | | | | | | | | | 60.0 | 89,200* | | | | | | | | | | |
| 65.0 | 95,300* | | | | | | | | | | | 65.0 | 89,200* | | | | | | | | | | |
| 70.0 | 92,800* | 70.0 | 93,300 | | | | | | | | | 70.0 | 89,200* | 70.0 | 89,200 | | | | | | | | |
| 75.0 | 88,400* | 75.0 | 85,700 | | | | | | | | | 75.0 | 87,100* | 75.0 | 85,300 | | | | | | | | |
| 80.0 | 82,500* | 80.0 | 78,900 | | | | | | | | | 80.0 | 82,600* | 80.0 | 78,700 | | | | | | | | |
| 85.0 | 75,800* | 85.0 | 73,100 | | | | | | | | | 85.0 | 76,600* | 85.0 | 72,800 | | | | | | | | |
| 90.0 | 68,400* | 90.0 | 68,100 | 90.0 | 63,900 | | | | | | | 90.0 | 70,900* | 90.0 | 67,900 | 90.0 | 63,900 | | | | | | |
| 95.0 | 60,300* | 95.0 | 63,700 | 95.0 | 59,600 | | | | | | | 95.0 | 65,500* | 95.0 | 63,500 | 95.0 | 59,600 | | | | | | |
| | | 100.0 | 59,600 | 100.0 | 55,800 | | | | | | | 100.0 | 59,700* | 100.0 | 59,500 | 100.0 | 55,800 | | | | | | |
| | | 110.0 | 52,900 | 110.0 | 49,400 | 110.0 | 47,100 | | | | | | | 110.0 | 52,700 | 110.0 | 49,600 | 110.0 | 46,900 | | | | |
| | | | | 120.0 | 44,300 | 120.0 | 42,300 | | | | | | | | | 120.0 | 44,300 | 120.0 | 41,900 | | | | |
| | | | | | | 130.0 | 38,100 | | | | | | | | | 130.0 | 40,100 | 130.0 | 37,900 | 130.0 | 35,200 | | |
| | | | | | | | | 140.0 | 32,100 | 140.0 | 30,400 | | | | | | | | 140.0 | 32,000 | | | |
| | | | | | | | | 150.0 | 29,300 | 150.0 | 27,900 | | | | | | | | 150.0 | 29,300 | 150.0 | 27,500 | |
| | | | | | | | | | | 160.0 | 25,600 | | | | | | | | | | 160.0 | 25,200 | |
| | | | | | | | | | | | | | | | | | | | | | 170.0 | 23,200 | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 150' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 110 ft Jib | | | | | | | | | | | 120 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 46.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | |
| 48.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | |
| 50.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | |
| 55.0 | 89,200* | | | | | | | | | | | 55.0 | 86,500* | | | | | | | | | | |
| 60.0 | 89,200* | | | | | | | | | | | 60.0 | 85,600* | | | | | | | | | | |
| 65.0 | 89,200* | | | | | | | | | | | 65.0 | 83,700* | | | | | | | | | | |
| 70.0 | 86,300* | | | | | | | | | | | 70.0 | 81,100* | | | | | | | | | | |
| 75.0 | 82,800* | 75.0 | 85,100 | | | | | | | | | 75.0 | 78,400* | 75.0 | 84,000 | | | | | | | | |
| 80.0 | 79,400* | 80.0 | 78,700 | | | | | | | | | 80.0 | 75,600* | 80.0 | 78,300 | | | | | | | | |
| 85.0 | 76,000* | 85.0 | 72,800 | | | | | | | | | 85.0 | 72,900* | 85.0 | 72,600 | | | | | | | | |
| 90.0 | 70,900* | 90.0 | 67,900 | | | | | | | | | 90.0 | 70,200* | 90.0 | 67,500 | | | | | | | | |
| 95.0 | 65,900* | 95.0 | 63,500 | 95.0 | 59,100 | | | | | | | 95.0 | 66,400* | 95.0 | 63,100 | | | | | | | | |
| 100.0 | 61,200* | 100.0 | 59,400 | 100.0 | 55,300 | | | | | | | 100.0 | 62,100* | 100.0 | 59,200 | 100.0 | 55,300 | | | | | | |
| 110.0 | 51,700* | 110.0 | 52,700 | 110.0 | 49,100 | | | | | | | 110.0 | 54,200* | 110.0 | 52,500 | 110.0 | 49,100 | | | | | | |
| | | 120.0 | 47,300 | 120.0 | 43,900 | 120.0 | 41,900 | | | | | 120.0 | 46,000* | 120.0 | 47,100 | 120.0 | 43,900 | 120.0 | 41,500 | | | | |
| | | 130.0 | 42,600 | 130.0 | 39,700 | 130.0 | 37,700 | | | | | | | 130.0 | 42,600 | 130.0 | 39,700 | 130.0 | 37,400 | | | | |
| | | | | 140.0 | 36,000 | 140.0 | 34,300 | 140.0 | 31,500 | | | | | | | 140.0 | 36,000 | 140.0 | 34,100 | 140.0 | 31,500 | | |
| | | | | | | 150.0 | 31,300 | 150.0 | 28,900 | | | | | | | 150.0 | 33,000 | 150.0 | 31,100 | 150.0 | 28,800 | | |
| | | | | | | | | 160.0 | 26,500 | 160.0 | 25,200 | | | | | | | 160.0 | 28,700 | 160.0 | 26,300 | 160.0 | 24,800 |
| | | | | | | | | 170.0 | 24,300 | 170.0 | 23,200 | | | | | | | | | 170.0 | 24,300 | 170.0 | 22,800 |
| | | | | | | | | | | 180.0 | 21,400 | | | | | | | | | | | 180.0 | 21,100 |
| | | | | | | | | | | | | | | | | | | | | | | 190.0 | 19,600 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 150' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 130 ft Jib | | | | | | | | | | | 140 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 55.0 | 77,300* | | | | | | | | | | | 55.0 | 69,400* | | | | | | | | | | |
| 60.0 | 76,800* | | | | | | | | | | | 60.0 | 68,900* | | | | | | | | | | |
| 65.0 | 76,300* | | | | | | | | | | | 65.0 | 68,400* | | | | | | | | | | |
| 70.0 | 75,100* | | | | | | | | | | | 70.0 | 67,900* | | | | | | | | | | |
| 75.0 | 73,300* | | | | | | | | | | | 75.0 | 67,200* | | | | | | | | | | |
| 80.0 | 71,300* | 80.0 | 76,100 | | | | | | | | | 80.0 | 66,100* | 80.0 | 68,600* | | | | | | | | |
| 85.0 | 69,100* | 85.0 | 72,100 | | | | | | | | | 85.0 | 64,400* | 85.0 | 68,100* | | | | | | | | |
| 90.0 | 67,100* | 90.0 | 67,100 | | | | | | | | | 90.0 | 62,900* | 90.0 | 66,000 | | | | | | | | |
| 95.0 | 64,900* | 95.0 | 62,700 | | | | | | | | | 95.0 | 61,300* | 95.0 | 62,700 | | | | | | | | |
| 100.0 | 62,300* | 100.0 | 58,800 | 100.0 | 55,300 | | | | | | | 100.0 | 59,600* | 100.0 | 58,800 | | | | | | | | |
| 110.0 | 54,900* | 110.0 | 52,300 | 110.0 | 49,100 | | | | | | | 110.0 | 54,900* | 110.0 | 52,000 | 110.0 | 48,900 | | | | | | |
| 120.0 | 48,400* | 120.0 | 46,700 | 120.0 | 43,900 | | | | | | | 120.0 | 48,700* | 120.0 | 46,700 | 120.0 | 43,800 | | | | | | |
| 130.0 | 41,300* | 130.0 | 42,200 | 130.0 | 39,700 | 130.0 | 37,000 | | | | | 130.0 | 43,300* | 130.0 | 42,200 | 130.0 | 39,500 | | | | | | |
| | | 140.0 | 38,500 | 140.0 | 36,000 | 140.0 | 33,700 | | | | | 140.0 | 37,000* | 140.0 | 38,200 | 140.0 | 35,900 | 140.0 | 33,500 | | | | |
| | | | | 150.0 | 35,100 | 150.0 | 32,900 | 150.0 | 30,800 | 150.0 | 28,600 | | | | | 150.0 | 35,000 | 150.0 | 32,900 | 150.0 | 30,600 | | |
| | | | | | | 160.0 | 30,200 | 160.0 | 28,200 | 160.0 | 26,300 | | | | | 160.0 | 30,200 | 160.0 | 28,000 | 160.0 | 26,100 | | |
| | | | | | | | | 170.0 | 26,100 | 170.0 | 24,100 | 170.0 | 22,300 | | | | | 170.0 | 27,900 | 170.0 | 25,900 | 170.0 | 24,100 |
| | | | | | | | | | | 180.0 | 22,400 | 180.0 | 20,600 | | | | | 180.0 | 23,900 | 180.0 | 22,200 | 180.0 | 20,500 |
| | | | | | | | | | | 190.0 | 20,700 | 190.0 | 19,200 | | | | | | | 190.0 | 20,700 | 190.0 | 19,000 |
| | | | | | | | | | | | | | | | | | | | | | | 200.0 | 17,600 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 150' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|--------|
| 150 ft Jib | | | | | | | | | | | 160 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 60.0 | 61,800* | | | | | | | | | | | 60.0 | 54,000* | | | | | | | | | | |
| 65.0 | 61,300* | | | | | | | | | | | 65.0 | 53,000* | | | | | | | | | | |
| 70.0 | 60,800* | | | | | | | | | | | 70.0 | 52,000* | | | | | | | | | | |
| 75.0 | 60,200* | | | | | | | | | | | 75.0 | 51,100* | | | | | | | | | | |
| 80.0 | 59,500* | | | | | | | | | | | 80.0 | 50,200* | | | | | | | | | | |
| 85.0 | 58,600* | | | | | | | | | | | 85.0 | 49,400* | | | | | | | | | | |
| 90.0 | 57,600* | 90.0 | 60,000* | | | | | | | | | 90.0 | 48,700* | 90.0 | 50,800* | | | | | | | | |
| 95.0 | 55,900* | 95.0 | 59,200* | | | | | | | | | 95.0 | 47,700* | 95.0 | 50,000* | | | | | | | | |
| 100.0 | 53,800* | 100.0 | 57,700* | | | | | | | | | 100.0 | 46,300* | 100.0 | 49,300* | | | | | | | | |
| 110.0 | 50,100* | 110.0 | 51,600 | | | | | | | | | 110.0 | 42,800* | 110.0 | 47,400* | | | | | | | | |
| 120.0 | 46,500* | 120.0 | 46,200 | 120.0 | 43,400 | | | | | | | 120.0 | 39,800* | 120.0 | 44,100* | 120.0 | 43,400 | | | | | | |
| 130.0 | 43,000* | 130.0 | 41,700 | 130.0 | 39,000 | | | | | | | 130.0 | 37,100* | 130.0 | 40,900* | 130.0 | 39,200 | | | | | | |
| 140.0 | 38,500* | 140.0 | 38,000 | 140.0 | 35,600 | 140.0 | 33,200 | | | | | 140.0 | 34,500* | 140.0 | 38,000 | 140.0 | 35,600 | 140.0 | 33,200 | | | | |
| 150.0 | 32,900* | 150.0 | 34,700 | 150.0 | 32,400 | 150.0 | 30,200 | | | | | 150.0 | 31,700* | 150.0 | 34,800 | 150.0 | 32,400 | 150.0 | 30,200 | | | | |
| | | 160.0 | 31,900 | 160.0 | 29,800 | 160.0 | 27,800 | 160.0 | 25,700 | | | 160.0 | 29,300* | 160.0 | 32,000 | 160.0 | 29,800 | 160.0 | 27,800 | | | | |
| | | 170.0 | 29,400 | 170.0 | 27,400 | 170.0 | 25,400 | 170.0 | 23,700 | | | | | 170.0 | 29,400 | 170.0 | 27,400 | 170.0 | 25,600 | 170.0 | 23,700 | | |
| | | | | 180.0 | 25,500 | 180.0 | 23,600 | 180.0 | 21,700 | 180.0 | 20,100 | | | | | 180.0 | 25,500 | 180.0 | 23,600 | 180.0 | 21,700 | | |
| | | | | | | 190.0 | 21,800 | 190.0 | 20,300 | 190.0 | 18,500 | | | | | 190.0 | 23,600 | 190.0 | 21,800 | 190.0 | 20,300 | 190.0 | 18,500 |
| | | | | | | | | 200.0 | 18,700 | 200.0 | 17,300 | | | | | | | 200.0 | 20,400 | 200.0 | 18,700 | 200.0 | 17,200 |
| | | | | | | | | | | 210.0 | 16,000 | | | | | | | | | 210.0 | 17,600 | 210.0 | 16,000 |
| | | | | | | | | | | | | | | | | | | | | 220.0 | 14,800 | 220.0 | 14,800 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

| 150' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|--------|
| 170 ft Jib | | | | | | | | | | | 180 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 70.0 | 48,900* | | | | | | | | | | | 70.0 | 44,000* | | | | | | | | | | |
| 75.0 | 48,400* | | | | | | | | | | | 75.0 | 43,500* | | | | | | | | | | |
| 80.0 | 47,900* | | | | | | | | | | | 80.0 | 43,000* | | | | | | | | | | |
| 85.0 | 47,400* | | | | | | | | | | | 85.0 | 42,500* | | | | | | | | | | |
| 90.0 | 45,900* | | | | | | | | | | | 90.0 | 42,000* | | | | | | | | | | |
| 95.0 | 44,300* | 95.0 | 44,800* | | | | | | | | | 95.0 | 40,800* | 95.0 | 42,300* | | | | | | | | |
| 100.0 | 42,600* | 100.0 | 43,100* | | | | | | | | | 100.0 | 39,100* | 100.0 | 40,900* | | | | | | | | |
| 110.0 | 39,300* | 110.0 | 39,900* | | | | | | | | | 110.0 | 35,900* | 110.0 | 37,700* | | | | | | | | |
| 120.0 | 36,200* | 120.0 | 36,900* | 120.0 | 37,500* | | | | | | | 120.0 | 33,200* | 120.0 | 34,700* | | | | | | | | |
| 130.0 | 33,200* | 130.0 | 34,000* | 130.0 | 34,700* | | | | | | | 130.0 | 30,900* | 130.0 | 32,200* | 130.0 | 33,400* | | | | | | |
| 140.0 | 30,200* | 140.0 | 31,300* | 140.0 | 32,000* | | | | | | | 140.0 | 28,800* | 140.0 | 29,900* | 140.0 | 31,000* | | | | | | |
| 150.0 | 27,500* | 150.0 | 28,600* | 150.0 | 29,500* | 150.0 | 29,500 | | | | | 150.0 | 26,800* | 150.0 | 27,900* | 150.0 | 28,800* | | | | | | |
| 160.0 | 24,800* | 160.0 | 26,000* | 160.0 | 27,100* | 160.0 | 27,100 | | | | | 160.0 | 25,100* | 160.0 | 26,000* | 160.0 | 26,800* | 160.0 | 26,900 | | | | |
| 170.0 | 22,200* | 170.0 | 23,700* | 170.0 | 24,800* | 170.0 | 25,000 | | | | | 170.0 | 23,000* | 170.0 | 23,900* | 170.0 | 24,800* | 170.0 | 24,800 | | | | |
| | | 180.0 | 21,300* | 180.0 | 22,400* | 180.0 | 23,100 | 180.0 | 21,100 | | | 180.0 | 20,700* | 180.0 | 21,900* | 180.0 | 22,700* | 180.0 | 22,800 | 180.0 | 21,100 | | |
| | | 190.0 | 18,800* | 190.0 | 20,300* | 190.0 | 21,200 | 190.0 | 19,600 | | | | | 190.0 | 19,600* | 190.0 | 20,700* | 190.0 | 21,200 | 190.0 | 19,400 | | |
| | | | | 200.0 | 18,100* | 200.0 | 19,200* | 200.0 | 18,000 | 200.0 | 16,500 | | | | | 200.0 | 18,700* | 200.0 | 19,500* | 200.0 | 18,000 | 200.0 | 16,300 |
| | | | | | | 210.0 | 17,100* | 210.0 | 16,900 | 210.0 | 15,200 | | | | | | | 210.0 | 17,600* | 210.0 | 16,700 | 210.0 | 14,900 |
| | | | | | | | | 220.0 | 15,700 | 220.0 | 14,000 | | | | | | | 220.0 | 15,900* | 220.0 | 15,500 | 220.0 | 13,800 |
| | | | | | | | | | | 230.0 | 12,900 | | | | | | | | | 230.0 | 14,500 | 230.0 | 12,700 |
| | | | | | | | | | | | | | | | | | | | | 240.0 | 11,800 | 240.0 | 11,800 |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 150' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 190 ft Jib | | | | | | | | | | | | 200 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 70.0 | 39,900* | | | | | | | | | | | | | | | | | | | | | | |
| 75.0 | 39,300* | | | | | | | | | | | 75.0 | 35,700* | | | | | | | | | | |
| 80.0 | 38,800* | | | | | | | | | | | 80.0 | 35,400* | | | | | | | | | | |
| 85.0 | 38,300* | | | | | | | | | | | 85.0 | 35,000* | | | | | | | | | | |
| 90.0 | 37,800* | | | | | | | | | | | 90.0 | 34,200* | | | | | | | | | | |
| 95.0 | 36,700* | | | | | | | | | | | 95.0 | 33,100* | | | | | | | | | | |
| 100.0 | 35,200* | 100.0 | 37,000* | | | | | | | | | 100.0 | 31,800* | 100.0 | 33,300* | | | | | | | | |
| 110.0 | 32,600* | 110.0 | 34,100* | | | | | | | | | 110.0 | 29,400* | 110.0 | 30,700* | | | | | | | | |
| 120.0 | 30,100* | 120.0 | 31,500* | | | | | | | | | 120.0 | 27,300* | 120.0 | 28,400* | | | | | | | | |
| 130.0 | 28,000* | 130.0 | 29,100* | 130.0 | 30,300* | | | | | | | 130.0 | 25,300* | 130.0 | 26,400* | | | | | | | | |
| 140.0 | 26,200* | 140.0 | 27,100* | 140.0 | 28,200* | | | | | | | 140.0 | 23,700* | 140.0 | 24,700* | 140.0 | 25,500* | | | | | | |
| 150.0 | 24,400* | 150.0 | 25,300* | 150.0 | 26,100* | | | | | | | 150.0 | 22,200* | 150.0 | 23,000* | 150.0 | 23,700* | | | | | | |
| 160.0 | 22,900* | 160.0 | 23,600* | 160.0 | 24,400* | 160.0 | 25,300* | | | | | 160.0 | 20,800* | 160.0 | 21,400* | 160.0 | 22,200* | 160.0 | 22,900* | | | | |
| 170.0 | 21,400* | 170.0 | 22,300* | 170.0 | 23,000* | 170.0 | 23,600* | | | | | 170.0 | 19,600* | 170.0 | 20,300* | 170.0 | 20,800* | 170.0 | 21,400* | | | | |
| 180.0 | 20,200* | 180.0 | 21,000* | 180.0 | 21,600* | 180.0 | 22,100* | 180.0 | 20,600 | | | 180.0 | 18,400* | 180.0 | 19,100* | 180.0 | 19,600* | 180.0 | 20,100* | | | | |
| 190.0 | 18,500* | 190.0 | 19,400* | 190.0 | 20,100* | 190.0 | 20,500* | 190.0 | 19,000 | | | 190.0 | 16,600* | 190.0 | 17,800* | 190.0 | 18,500* | 190.0 | 18,900* | 190.0 | 18,700 | | |
| | | 200.0 | 17,600* | 200.0 | 18,400* | 200.0 | 18,800* | 200.0 | 17,600 | | | 200.0 | 13,300* | 200.0 | 16,800* | 200.0 | 17,500* | 200.0 | 17,800* | 200.0 | 17,400 | | |
| | | | | 210.0 | 16,500* | 210.0 | 17,100* | 210.0 | 16,300 | 210.0 | 14,500 | | | 210.0 | 15,800* | 210.0 | 16,500* | 210.0 | 16,700* | 210.0 | 16,000 | 210.0 | 14,100 |
| | | | | 220.0 | 14,800* | 220.0 | 15,700* | 220.0 | 15,100 | 220.0 | 13,400 | | | | | 220.0 | 14,800* | 220.0 | 15,400* | 220.0 | 14,800 | 220.0 | 13,000 |
| | | | | | | 230.0 | 14,000* | 230.0 | 14,000 | 230.0 | 12,300 | | | | | | | 230.0 | 13,800* | 230.0 | 13,600 | 230.0 | 12,000 |
| | | | | | | | | 240.0 | 13,000 | 240.0 | 11,400 | | | | | | | 240.0 | 12,300 | 240.0 | 12,600 | 240.0 | 11,000 |
| | | | | | | | | | | 250.0 | 10,500 | | | | | | | | | 250.0 | 11,500* | 250.0 | 10,200 |
| | | | | | | | | | | | | | | | | | | | | | 260.0 | 9,400 | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 160' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 70 ft Jib | | | | | | | | | | | | 80 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 40.0 | 119,000* | | | | | | | | | | | 40.0 | 105,500* | | | | | | | | | | |
| 42.0 | 119,000* | | | | | | | | | | | 42.0 | 104,500* | | | | | | | | | | |
| 44.0 | 119,000* | | | | | | | | | | | 44.0 | 103,600* | | | | | | | | | | |
| 46.0 | 119,000* | | | | | | | | | | | 46.0 | 102,600* | | | | | | | | | | |
| 48.0 | 118,100* | | | | | | | | | | | 48.0 | 101,600* | | | | | | | | | | |
| 50.0 | 117,200* | | | | | | | | | | | 50.0 | 100,600* | | | | | | | | | | |
| 55.0 | 112,600* | | | | | | | | | | | 55.0 | 98,200* | | | | | | | | | | |
| 60.0 | 105,500* | 60.0 | 113,800 | | | | | | | | | 60.0 | 95,800* | 60.0 | 113,400 | | | | | | | | |
| 65.0 | 98,300* | 65.0 | 102,900 | | | | | | | | | 65.0 | 93,300* | 65.0 | 102,500 | | | | | | | | |
| 70.0 | 91,800* | 70.0 | 93,800 | | | | | | | | | 70.0 | 90,900* | 70.0 | 93,500 | | | | | | | | |
| 75.0 | 82,200* | 75.0 | 85,800 | | | | | | | | | 75.0 | 86,800* | 75.0 | 85,600 | | | | | | | | |
| | | 80.0 | 78,900 | 80.0 | 74,400 | | | | | | | 80.0 | 80,500* | 80.0 | 78,700 | 80.0 | 74,000 | | | | | | |
| | | | 85.0 | 73,100 | 85.0 | 68,800 | | | | | | 85.0 | 71,900* | 85.0 | 72,800 | 85.0 | 68,400 | | | | | | |
| | | 90.0 | 68,100 | 90.0 | 64,100 | | | | | | | | | 90.0 | 67,900 | 90.0 | 63,800 | | | | | | |
| | | | 95.0 | 59,900 | 95.0 | 59,900 | | | | | | | | 95.0 | 63,500 | 95.0 | 59,600 | | | | | | |
| | | | | 100.0 | 56,200 | 100.0 | 53,200 | | | | | | | 100.0 | 59,500 | 100.0 | 55,800 | 100.0 | 52,700 | | | | |
| | | | | | | 110.0 | 47,100 | | | | | | | | | 110.0 | 49,400 | 110.0 | 46,700 | | | | |
| | | | | | | | | 120.0 | 39,300 | | | | | | | | | 120.0 | 41,900 | 120.0 | 38,900 | | |
| | | | | | | | | 130.0 | 35,500 | | | | | | | | | 130.0 | 37,700 | 130.0 | 35,000 | | |
| | | | | | | | | | | | | | | | | | | 140.0 | 31,800 | 140.0 | 31,800 | 140.0 | 29,900 |
| | | | | | | | | | | | | | | | | | | 150.0 | | 150.0 | | 150.0 | 27,300 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 160' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 90 ft Jib | | | | | | | | | | | | 100 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 40.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | |
| 42.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | |
| 44.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | |
| 46.0 | 89,200* | | | | | | | | | | | 46.0 | 89,200* | | | | | | | | | | |
| 48.0 | 89,200* | | | | | | | | | | | 48.0 | 89,200* | | | | | | | | | | |
| 50.0 | 89,200* | | | | | | | | | | | 50.0 | 89,200* | | | | | | | | | | |
| 55.0 | 89,200* | | | | | | | | | | | 55.0 | 89,200* | | | | | | | | | | |
| 60.0 | 89,200* | | | | | | | | | | | 60.0 | 89,200* | | | | | | | | | | |
| 65.0 | 89,200* | | | | | | | | | | | 65.0 | 89,200* | | | | | | | | | | |
| 70.0 | 89,200* | 70.0 | 89,200 | | | | | | | | | 70.0 | 89,200* | 70.0 | 89,100 | | | | | | | | |
| 75.0 | 86,700* | 75.0 | 85,300 | | | | | | | | | 75.0 | 86,800* | 75.0 | 85,000 | | | | | | | | |
| 80.0 | 81,900* | 80.0 | 78,500 | | | | | | | | | 80.0 | 82,100* | 80.0 | 78,300 | | | | | | | | |
| 85.0 | 76,600* | 85.0 | 72,600 | | | | | | | | | 85.0 | 76,400* | 85.0 | 72,400 | | | | | | | | |
| 90.0 | 69,400* | 90.0 | 67,700 | 90.0 | 63,400 | | | | | | | 90.0 | 71,100* | 90.0 | 67,500 | | | | | | | | |
| 95.0 | 61,400* | 95.0 | 63,200 | 95.0 | 59,100 | | | | | | | 95.0 | 65,900* | 95.0 | 63,000 | 95.0 | 58,800 | | | | | | |
| | | 100.0 | 59,200 | 100.0 | 55,300 | | | | | | | 100.0 | 60,200* | 100.0 | 59,000 | 100.0 | 55,100 | | | | | | |
| | | | 110.0 | 52,500 | 110.0 | 49,100 | 110.0 | 46,200 | | | | | | 110.0 | 52,500 | 110.0 | 48,900 | | | | | | |
| | | | | 120.0 | 44,000 | 120.0 | 41,500 | 120.0 | 37,400 | | | | | 120.0 | 46,900 | 120.0 | 43,800 | 120.0 | 41,100 | | | | |
| | | | | | | 130.0 | 37,400 | 130.0 | 34,600 | | | | | | | 130.0 | 39,500 | 130.0 | 37,000 | | | | |
| | | | | | | | | 140.0 | 31,500 | | | | | | | | | 140.0 | 33,700 | 140.0 | 31,100 | | |
| | | | | | | | | 150.0 | 28,600 | 150.0 | 26,800 | | | | | | | 150.0 | 30,800 | 150.0 | 28,400 | | |
| | | | | | | | | | | 160.0 | 24,600 | | | | | | | | | 160.0 | 26,000 | 160.0 | 24,400 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 160' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 110 ft Jib | | | | | | | | | | | | 120 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 46.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | |
| 48.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | |
| 50.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | |
| 55.0 | 89,200* | | | | | | | | | | | 55.0 | 83,100* | | | | | | | | | | |
| 60.0 | 89,200* | | | | | | | | | | | 60.0 | 82,200* | | | | | | | | | | |
| 65.0 | 89,200* | | | | | | | | | | | 65.0 | 81,400* | | | | | | | | | | |
| 70.0 | 86,300* | | | | | | | | | | | 70.0 | 79,200* | | | | | | | | | | |
| 75.0 | 82,800* | 75.0 | 84,700 | | | | | | | | | 75.0 | 76,600* | 75.0 | 82,100 | | | | | | | | |
| 80.0 | 79,400* | 80.0 | 78,300 | | | | | | | | | 80.0 | 73,700* | 80.0 | 77,900 | | | | | | | | |
| 85.0 | 76,000* | 85.0 | 72,400 | | | | | | | | | 85.0 | 70,900* | 85.0 | 72,200 | | | | | | | | |
| 90.0 | 70,900* | 90.0 | 67,500 | | | | | | | | | 90.0 | 68,200* | 90.0 | 67,200 | | | | | | | | |
| 95.0 | 66,000* | 95.0 | 63,000 | 95.0 | 58,400 | | | | | | | 95.0 | 65,400* | 95.0 | 62,800 | | | | | | | | |
| 100.0 | 61,500* | 100.0 | 59,000 | 100.0 | 54,700 | | | | | | | 100.0 | 62,100* | 100.0 | 58,800 | 100.0 | 54,700 | | | | | | |
| 110.0 | 52,000* | 110.0 | 52,500 | 110.0 | 48,500 | | | | | | | 110.0 | 54,200* | 110.0 | 52,100 | 110.0 | 48,500 | | | | | | |
| | | 120.0 | 46,900 | 120.0 | 43,400 | 120.0 | 41,000 | | | | | 120.0 | 46,400* | 120.0 | 46,700 | 120.0 | 43,400 | 120.0 | 40,800 | | | | |
| | | 130.0 | 42,400 | 130.0 | 39,000 | 130.0 | 37,000 | | | | | | | 130.0 | 42,200 | 130.0 | 39,000 | 130.0 | 36,800 | | | | |
| | | | | 140.0 | 35,600 | 140.0 | 33,700 | 140.0 | 30,600 | | | | | 140.0 | 38,500 | 140.0 | 35,600 | 140.0 | 33,400 | | | | |
| | | | | | | 150.0 | 30,800 | 150.0 | 27,900 | | | | | | | 150.0 | 32,600 | 150.0 | 30,400 | 150.0 | 27,900 | | |
| | | | | | | | | 160.0 | 25,600 | 160.0 | 24,100 | | | | | | | 160.0 | 28,000 | 160.0 | 25,600 | | |
| | | | | | | | | 170.0 | 23,600 | 170.0 | 22,300 | | | | | | | 170.0 | 25,900 | 170.0 | 23,400 | 170.0 | 21,900 |
| | | | | | | | | | | 180.0 | 20,500 | | | | | | | | | 180.0 | 21,700 | 180.0 | 20,200 |
| | | | | | | | | | | | | | | | | | | | | | 190.0 | 18,700 | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 160' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 130 ft Jib | | | | | | | | | | | | 140 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 55.0 | 74,600* | | | | | | | | | | | 55.0 | 67,200* | | | | | | | | | | |
| 60.0 | 73,900* | | | | | | | | | | | 60.0 | 66,600* | | | | | | | | | | |
| 65.0 | 73,200* | | | | | | | | | | | 65.0 | 66,000* | | | | | | | | | | |
| 70.0 | 72,600* | | | | | | | | | | | 70.0 | 65,400* | | | | | | | | | | |
| 75.0 | 71,400* | | | | | | | | | | | 75.0 | 64,900* | | | | | | | | | | |
| 80.0 | 69,800* | 80.0 | 74,100 | | | | | | | | | 80.0 | 64,400* | 80.0 | 66,600* | | | | | | | | |
| 85.0 | 67,800* | 85.0 | 71,500 | | | | | | | | | 85.0 | 63,900* | 85.0 | 66,100* | | | | | | | | |
| 90.0 | 65,700* | 90.0 | 66,800 | | | | | | | | | 90.0 | 62,800* | 90.0 | 65,300 | | | | | | | | |
| 95.0 | 63,700* | 95.0 | 62,500 | | | | | | | | | 95.0 | 61,300* | 95.0 | 62,400 | | | | | | | | |
| 100.0 | 61,400* | 100.0 | 58,500 | | | | | | | | | 100.0 | 59,600* | 100.0 | 58,400 | | | | | | | | |
| 110.0 | 55,100* | 110.0 | 51,800 | 110.0 | 48,500 | | | | | | | 110.0 | 55,100* | 110.0 | 51,800 | 110.0 | 48,200 | | | | | | |
| 120.0 | 48,600* | 120.0 | 46,500 | 120.0 | 43,400 | | | | | | | 120.0 | 48,700* | 120.0 | 46,200 | 120.0 | 43,200 | | | | | | |
| 130.0 | 41,500* | 130.0 | 41,900 | 130.0 | 39,000 | 130.0 | 36,300 | | | | | 130.0 | 43,300* | 130.0 | 41,900 | 130.0 | 39,000 | | | | | | |
| | | 140.0 | 38,200 | 140.0 | 35,600 | 140.0 | 33,000 | | | | | 140.0 | 37,200* | 140.0 | 38,000 | 140.0 | 35,400 | 140.0 | 32,800 | | | | |
| | | 150.0 | 34,900 | 150.0 | 32,400 | 150.0 | 30,200 | | | | | | | 150.0 | 34,800 | 150.0 | 32,400 | 150.0 | 30,000 | | | | |
| | | | | 160.0 | 29,800 | 160.0 | 27,600 | 160.0 | 25,500 | | | | | | | 160.0 | 29,800 | 160.0 | 27,400 | 160.0 | 25,200 | | |
| | | | | | | 170.0 | 25,400 | 170.0 | 23,400 | | | | | | | | | 170.0 | 25,200 | 170.0 | 23,200 | | |
| | | | | | | | | 180.0 | 21,700 | 180.0 | 19,900 | | | | | | | 180.0 | 23,500 | 180.0 | 21,500 | 180.0 | 19,600 |
| | | | | | | | | 190.0 | 20,100 | 190.0 | 18,300 | | | | | | | 190.0 | 21,800 | 190.0 | 19,800 | 190.0 | 18,100 |
| | | | | | | | | | | 200.0 | 17,000 | | | | | | | | | 200.0 | 18,500 | 200.0 | 16,900 |
| | | | | | | | | | | | | | | | | | | | | | 210.0 | 15,600 | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 160' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 150 ft Jib | | | | | | | | | | | 160 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 60.0 | 59,500* | | | | | | | | | | | 60.0 | 53,600* | | | | | | | | | | |
| 65.0 | 59,500* | | | | | | | | | | | 65.0 | 52,900* | | | | | | | | | | |
| 70.0 | 59,500* | | | | | | | | | | | 70.0 | 52,000* | | | | | | | | | | |
| 75.0 | 59,500* | | | | | | | | | | | 75.0 | 51,100* | | | | | | | | | | |
| 80.0 | 59,300* | | | | | | | | | | | 80.0 | 50,200* | | | | | | | | | | |
| 85.0 | 58,600* | | | | | | | | | | | 85.0 | 49,400* | | | | | | | | | | |
| 90.0 | 57,600* | 90.0 | 58,300* | | | | | | | | | 90.0 | 48,700* | 90.0 | 51,000* | | | | | | | | |
| 95.0 | 56,000* | 95.0 | 57,800* | | | | | | | | | 95.0 | 47,700* | 95.0 | 50,100* | | | | | | | | |
| 100.0 | 54,000* | 100.0 | 56,700 | | | | | | | | | 100.0 | 46,300* | 100.0 | 49,300* | | | | | | | | |
| 110.0 | 50,100* | 110.0 | 51,400 | | | | | | | | | 110.0 | 42,800* | 110.0 | 47,800* | | | | | | | | |
| 120.0 | 46,500* | 120.0 | 46,000 | 120.0 | 42,800 | | | | | | | 120.0 | 39,800* | 120.0 | 44,500* | 120.0 | 42,900 | | | | | | |
| 130.0 | 43,000* | 130.0 | 41,500 | 130.0 | 38,600 | | | | | | | 130.0 | 37,100* | 130.0 | 41,100* | 130.0 | 38,600 | | | | | | |
| 140.0 | 38,700* | 140.0 | 37,800 | 140.0 | 35,000 | 140.0 | 32,400 | | | | | 140.0 | 34,300* | 140.0 | 37,800 | 140.0 | 35,100 | 140.0 | 32,400 | | | | |
| 150.0 | 33,200* | 150.0 | 34,400 | 150.0 | 32,000 | 150.0 | 29,500 | | | | | 150.0 | 31,700* | 150.0 | 34,600 | 150.0 | 32,000 | 150.0 | 29,500 | | | | |
| | | 160.0 | 31,700 | 160.0 | 29,300 | 160.0 | 27,100 | 160.0 | 24,800 | | | 160.0 | 29,500* | 160.0 | 31,800 | 160.0 | 29,300 | 160.0 | 27,100 | | | | |
| | | 170.0 | 29,200 | 170.0 | 27,000 | 170.0 | 25,000 | 170.0 | 22,800 | | | | | 170.0 | 29,200 | 170.0 | 27,200 | 170.0 | 25,000 | 170.0 | 22,800 | | |
| | | | | 180.0 | 25,000 | 180.0 | 23,100 | 180.0 | 21,100 | | | | | | | 180.0 | 25,000 | 180.0 | 23,100 | 180.0 | 21,100 | | |
| | | | | | | 190.0 | 21,400 | 190.0 | 19,600 | 190.0 | 17,600 | | | | | | | 190.0 | 21,400 | 190.0 | 19,600 | | |
| | | | | | | | | 200.0 | 18,000 | 200.0 | 16,300 | | | | | | | 200.0 | 18,000 | 200.0 | 16,300 | 200.0 | 16,300 |
| | | | | | | | | | | 210.0 | 15,200 | | | | | | | | | 210.0 | 16,900 | 210.0 | 15,200 |
| | | | | | | | | | | | 220.0 | 14,000 | | | | | | | | | 220.0 | 13,900 | |
| | | | | | | | | | | | | | | | | | | | | | 230.0 | 12,900 | |

| 160' Boom | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|
| 170 ft Jib | | | | | | | | | | | 180 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | |
| 70.0 | 47,600* | | | | | | | | | | | 70.0 | 42,900* | | | | | | | | | | | |
| 75.0 | 47,100* | | | | | | | | | | | 75.0 | 42,400* | | | | | | | | | | | |
| 80.0 | 46,600* | | | | | | | | | | | 80.0 | 41,900* | | | | | | | | | | | |
| 85.0 | 46,100* | | | | | | | | | | | 85.0 | 41,400* | | | | | | | | | | | |
| 90.0 | 45,400* | | | | | | | | | | | 90.0 | 40,900* | | | | | | | | | | | |
| 95.0 | 44,100* | 95.0 | 44,500* | | | | | | | | | 95.0 | 40,100* | | | | | | | | | | | |
| 100.0 | 42,400* | 100.0 | 42,900* | | | | | | | | | 100.0 | 38,900* | 100.0 | 40,700* | | | | | | | | | |
| 110.0 | 39,100* | 110.0 | 39,700* | | | | | | | | | 110.0 | 35,900* | 110.0 | 37,500* | | | | | | | | | |
| 120.0 | 36,000* | 120.0 | 36,600* | 120.0 | 37,100* | | | | | | | 120.0 | 33,200* | 120.0 | 34,700* | | | | | | | | | |
| 130.0 | 33,000* | 130.0 | 33,800* | 130.0 | 34,200* | | | | | | | 130.0 | 30,800* | 130.0 | 32,000* | 130.0 | 33,300* | | | | | | | |
| 140.0 | 30,000* | 140.0 | 31,100* | 140.0 | 31,600* | | | | | | | 140.0 | 28,600* | 140.0 | 29,700* | 140.0 | 31,000* | | | | | | | |
| 150.0 | 27,300* | 150.0 | 28,400* | 150.0 | 29,100* | 150.0 | 28,900 | | | | | 150.0 | 26,800* | 150.0 | 27,700* | 150.0 | 28,600* | | | | | | | |
| 160.0 | 24,700* | 160.0 | 25,900* | 160.0 | 26,700* | 160.0 | 26,500 | | | | | 160.0 | 24,900* | 160.0 | 25,900* | 160.0 | 26,500* | 160.0 | 26,300 | | | | | |
| 170.0 | 22,200* | 170.0 | 23,500* | 170.0 | 24,500* | 170.0 | 24,300 | | | | | 170.0 | 22,800* | 170.0 | 23,900* | 170.0 | 24,300* | 170.0 | 24,100 | | | | | |
| | | 180.0 | 21,100* | 180.0 | 22,300* | 180.0 | 22,400 | 180.0 | 20,400 | | | 180.0 | 20,400* | 180.0 | 21,600* | 180.0 | 22,300* | 180.0 | 22,300 | 180.0 | 20,200 | | | |
| | | 190.0 | 18,800* | 190.0 | 20,100* | 190.0 | 20,700 | 190.0 | 18,900 | | | | | 190.0 | 19,600* | 190.0 | 20,500* | 190.0 | 20,500 | 190.0 | 18,700 | | | |
| | | | | 200.0 | 18,100* | 200.0 | 18,900* | 200.0 | 17,400 | 200.0 | 15,400 | | | | | 200.0 | 18,500* | 200.0 | 19,100* | 200.0 | 17,400 | | | |
| | | | | | | 210.0 | 17,100* | 210.0 | 16,300 | 210.0 | 14,300 | | | | | | | 210.0 | 17,400* | 210.0 | 16,000 | 210.0 | 14,100 | |
| | | | | | | | | 220.0 | 15,000 | 220.0 | 13,200 | | | | | | | | | 220.0 | 14,800 | 220.0 | 12,900 | |
| | | | | | | | | | | 230.0 | 12,100 | | | | | | | | | | 230.0 | 13,800 | 230.0 | 11,800 |
| | | | | | | | | | | | 240.0 | 11,300 | | | | | | | | | 240.0 | 12,800 | 240.0 | 11,000 |
| | | | | | | | | | | | | | | | | | | | | | 250.0 | 10,200 | | |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 160' Boom | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--|--|--|--|
| 190 ft Jib | | | | | | | | | | | | 200 ft Jib | | | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | | | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | | | |
| 75.0 | 38,700* | | | | | | | | | | | 75.0 | 35,000* | | | | | | | | | | | | | | |
| 80.0 | 38,200* | | | | | | | | | | | 80.0 | 34,700* | | | | | | | | | | | | | | |
| 85.0 | 37,700* | | | | | | | | | | | 85.0 | 34,400* | | | | | | | | | | | | | | |
| 90.0 | 37,200* | | | | | | | | | | | 90.0 | 33,900* | | | | | | | | | | | | | | |
| 95.0 | 36,200* | | | | | | | | | | | 95.0 | 32,800* | | | | | | | | | | | | | | |
| 100.0 | 35,000* | 100.0 | 36,800* | | | | | | | | | 100.0 | 31,500* | | | | | | | | | | | | | | |
| 110.0 | 32,300* | 110.0 | 33,900* | | | | | | | | | 110.0 | 29,200* | 110.0 | 30,700* | | | | | | | | | | | | |
| 120.0 | 30,000* | 120.0 | 31,300* | | | | | | | | | 120.0 | 27,100* | 120.0 | 28,400* | | | | | | | | | | | | |
| 130.0 | 28,000* | 130.0 | 29,100* | | | | | | | | | 130.0 | 25,300* | 130.0 | 26,200* | | | | | | | | | | | | |
| 140.0 | 26,000* | 140.0 | 27,100* | 140.0 | 27,900* | | | | | | | 140.0 | 23,600* | 140.0 | 24,500* | 140.0 | 25,400* | | | | | | | | | | |
| 150.0 | 24,400* | 150.0 | 25,200* | 150.0 | 26,100* | | | | | | | 150.0 | 22,100* | 150.0 | 22,800* | 150.0 | 23,700* | | | | | | | | | | |
| 160.0 | 22,800* | 160.0 | 23,600* | 160.0 | 24,400* | 160.0 | 25,100* | | | | | 160.0 | 20,800* | 160.0 | 21,400* | 160.0 | 22,100* | | | | | | | | | | |
| 170.0 | 21,400* | 170.0 | 22,100* | 170.0 | 22,800* | 170.0 | 23,400* | | | | | 170.0 | 19,400* | 170.0 | 20,100* | 170.0 | 20,800* | 170.0 | 21,200* | | | | | | | | |
| 180.0 | 20,100* | 180.0 | 20,700* | 180.0 | 21,400* | 180.0 | 21,700* | | | | | 180.0 | 18,200* | 180.0 | 19,000* | 180.0 | 19,500* | 180.0 | 19,900* | | | | | | | | |
| 190.0 | 17,700* | 190.0 | 19,400* | 190.0 | 19,800* | 190.0 | 20,100* | 190.0 | 18,300 | | | 190.0 | 15,300* | 190.0 | 17,800* | 190.0 | 18,300* | 190.0 | 18,700* | | | | | | | | |
| | | 200.0 | 17,400* | 200.0 | 18,200* | 200.0 | 18,600* | 200.0 | 16,900 | | | 200.0 | 12,000* | 200.0 | 16,800* | 200.0 | 17,300* | 200.0 | 17,700* | 200.0 | 16,500 | | | | | | |
| | | | | 210.0 | 16,500* | 210.0 | 16,900* | 210.0 | 15,600 | 210.0 | 13,600 | | | | | | | | | 210.0 | 15,200 | | | | | | |
| | | | | 220.0 | 14,600* | 220.0 | 15,400* | 220.0 | 14,400 | 220.0 | 12,400 | | | | | | | | | 220.0 | 14,000 | 220.0 | 12,100 | | | | |
| | | | | | | 230.0 | 13,800* | 230.0 | 13,400 | 230.0 | 11,400 | | | | | | | | | 230.0 | 12,900 | 230.0 | 11,200 | | | | |
| | | | | | | | | 240.0 | 12,400 | 240.0 | 10,600 | | | | | | | | | 240.0 | 11,900 | 240.0 | 10,200 | | | | |
| | | | | | | | | | | 250.0 | 9,800 | | | | | | | | | 250.0 | 11,100 | 250.0 | 9,400 | | | | |
| | | | | | | | | | | 260.0 | 8,800 | | | | | | | | | 260.0 | 9,800* | 260.0 | 8,600 | | | | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | | | | |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 170' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 70 ft Jib | | | | | | | | | | | 80 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 40.0 | 118,700* | | | | | | | | | | | 40.0 | 89,200* | | | | | | | | | | |
| 42.0 | 117,600* | | | | | | | | | | | 42.0 | 89,200* | | | | | | | | | | |
| 44.0 | 116,500* | | | | | | | | | | | 44.0 | 89,200* | | | | | | | | | | |
| 46.0 | 115,300* | | | | | | | | | | | 46.0 | 89,200* | | | | | | | | | | |
| 48.0 | 111,800* | | | | | | | | | | | 48.0 | 89,200* | | | | | | | | | | |
| 50.0 | 108,200* | | | | | | | | | | | 50.0 | 89,200* | | | | | | | | | | |
| 55.0 | 100,000* | | | | | | | | | | | 55.0 | 89,200* | | | | | | | | | | |
| 60.0 | 92,700* | 60.0 | 112,200* | | | | | | | | | 60.0 | 88,800* | 60.0 | 89,200* | | | | | | | | |
| 65.0 | 86,300* | 65.0 | 102,200* | | | | | | | | | 65.0 | 86,200* | 65.0 | 89,200 | | | | | | | | |
| 70.0 | 80,600* | 70.0 | 93,300 | | | | | | | | | 70.0 | 81,100* | 70.0 | 89,100 | | | | | | | | |
| 75.0 | 75,400* | 75.0 | 85,400 | | | | | | | | | 75.0 | 76,000* | 75.0 | 85,000 | | | | | | | | |
| | | 80.0 | 78,500 | 80.0 | 73,500 | | | | | | | 80.0 | 71,400* | 80.0 | 78,300 | | | | | | | | |
| | | | 85.0 | 72,800 | 85.0 | 68,000 | | | | | | 85.0 | 67,000* | 85.0 | 72,400 | | | | | | | | |
| | | 90.0 | 67,700 | 90.0 | 63,400 | | | | | | | 90.0 | 60,000* | 90.0 | 67,500 | 90.0 | 62,900 | | | | | | |
| | | | | 95.0 | 59,300 | | | | | | | | | 95.0 | 63,000 | 95.0 | 58,800 | | | | | | |
| | | | | 100.0 | 55,500 | 100.0 | 52,100 | | | | | | | 100.0 | 59,000 | 100.0 | 55,100 | | | | | | |
| | | | | 110.0 | 49,200 | 110.0 | 46,200 | | | | | | | | | 110.0 | 48,900 | 110.0 | 45,800 | | | | |
| | | | | | | 120.0 | 41,500 | 120.0 | 38,200 | | | | | | | | | 120.0 | 41,000 | | | | |
| | | | | | | | | 130.0 | 34,500 | | | | | | | | | 130.0 | 37,000 | | | 130.0 | 34,100 |
| | | | | | | | | | | 140.0 | 29,300 | | | | | | | | | | 140.0 | 30,900 | |
| | | | | | | | | | | 150.0 | 26,700 | | | | | | | | | | | 150.0 | 26,200 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 170' Boom | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|
| 90 ft Jib | | | | | | | | | | | 100 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | |
| 40.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | | |
| 42.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | | |
| 44.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | | |
| 46.0 | 89,200* | | | | | | | | | | | 46.0 | 89,200* | | | | | | | | | | | |
| 48.0 | 89,200* | | | | | | | | | | | 48.0 | 89,200* | | | | | | | | | | | |
| 50.0 | 89,200* | | | | | | | | | | | 50.0 | 89,200* | | | | | | | | | | | |
| 55.0 | 89,200* | | | | | | | | | | | 55.0 | 89,200* | | | | | | | | | | | |
| 60.0 | 88,800* | | | | | | | | | | | 60.0 | 88,700* | | | | | | | | | | | |
| 65.0 | 86,400* | | | | | | | | | | | 65.0 | 85,800* | | | | | | | | | | | |
| 70.0 | 81,300* | 70.0 | 88,900 | | | | | | | | | 70.0 | 80,900* | 70.0 | 88,800 | | | | | | | | | |
| 75.0 | 76,200* | 75.0 | 84,800 | | | | | | | | | 75.0 | 76,000* | 75.0 | 84,600 | | | | | | | | | |
| 80.0 | 71,600* | 80.0 | 78,100 | | | | | | | | | 80.0 | 71,500* | 80.0 | 77,800 | | | | | | | | | |
| 85.0 | 67,400* | 85.0 | 72,200 | | | | | | | | | 85.0 | 67,400* | 85.0 | 72,000 | | | | | | | | | |
| 90.0 | 63,700* | 90.0 | 67,200 | 90.0 | 62,500 | | | | | | | 90.0 | 63,900* | 90.0 | 67,000 | | | | | | | | | |
| 95.0 | 59,400* | 95.0 | 62,800 | 95.0 | 58,400 | | | | | | | 95.0 | 60,500* | 95.0 | 62,600 | 95.0 | 58,400 | | | | | | | |
| | | 100.0 | 58,800 | 100.0 | 54,700 | | | | | | | 100.0 | 57,300* | 100.0 | 58,600 | 100.0 | 54,700 | | | | | | | |
| | | 110.0 | 52,300 | 110.0 | 48,500 | | | | | | | | | 110.0 | 52,000 | 110.0 | 48,500 | | | | | | | |
| | | | | 120.0 | 43,400 | 120.0 | 40,600 | | | | | | | 120.0 | 46,700 | 120.0 | 43,400 | 120.0 | 40,400 | | | | | |
| | | | | 130.0 | 39,200 | 130.0 | 36,600 | | | | | | | | | 130.0 | 39,200 | 130.0 | 36,300 | | | | | |
| | | | | | | 140.0 | 33,200 | 140.0 | 30,400 | | | | | | | | | 140.0 | 33,000 | | | 140.0 | 30,400 | |
| | | | | | | | | 150.0 | 27,800 | | | | | | | | | | | | 150.0 | 27,800 | | |
| | | | | | | | | | | 160.0 | 23,700 | | | | | | | | | | 160.0 | 25,500 | 160.0 | 23,300 |
| | | | | | | | | | | 170.0 | 21,900 | | | | | | | | | | | 170.0 | 21,500 | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 170' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|--------|
| 110 ft Jib | | | | | | | | | | | | 120 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 46.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | |
| 48.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | |
| 50.0 | 89,200* | | | | | | | | | | | | | | | | | | | | | | |
| 55.0 | 89,200* | | | | | | | | | | | 55.0 | 79,600* | | | | | | | | | | |
| 60.0 | 88,700* | | | | | | | | | | | 60.0 | 78,700* | | | | | | | | | | |
| 65.0 | 85,600* | | | | | | | | | | | 65.0 | 77,900* | | | | | | | | | | |
| 70.0 | 80,700* | | | | | | | | | | | 70.0 | 77,000* | | | | | | | | | | |
| 75.0 | 75,900* | 75.0 | 84,000 | | | | | | | | | 75.0 | 74,900* | | | | | | | | | | |
| 80.0 | 71,500* | 80.0 | 77,700 | | | | | | | | | 80.0 | 71,500* | 80.0 | 77,300 | | | | | | | | |
| 85.0 | 67,600* | 85.0 | 71,900 | | | | | | | | | 85.0 | 67,600* | 85.0 | 71,700 | | | | | | | | |
| 90.0 | 63,900* | 90.0 | 67,000 | | | | | | | | | 90.0 | 64,100* | 90.0 | 66,800 | | | | | | | | |
| 95.0 | 60,600* | 95.0 | 62,600 | | | | | | | | | 95.0 | 60,800* | 95.0 | 62,400 | | | | | | | | |
| 100.0 | 57,500* | 100.0 | 58,600 | 100.0 | 54,300 | | | | | | | 100.0 | 57,700* | 100.0 | 58,400 | 100.0 | 54,000 | | | | | | |
| 110.0 | 51,900* | | | 110.0 | 48,200 | | | | | | | 110.0 | 52,100* | 110.0 | 51,800 | 110.0 | 47,800 | | | | | | |
| | | 120.0 | 46,700 | 120.0 | 43,000 | 120.0 | 40,200 | | | | | 120.0 | 46,500* | 120.0 | 46,500 | 120.0 | 42,800 | | | | | | |
| | | 130.0 | 42,200 | 130.0 | 38,800 | 130.0 | 36,300 | | | | | | | 130.0 | 41,900 | 130.0 | 38,600 | 130.0 | 35,900 | | | | |
| | | | | 140.0 | 35,400 | 140.0 | 33,000 | 140.0 | 30,000 | | | | | 140.0 | 38,200 | 140.0 | 35,000 | 140.0 | 32,600 | | | | |
| | | | | | | 150.0 | 30,200 | 150.0 | 27,300 | | | | | | | 150.0 | 32,000 | 150.0 | 29,700 | 150.0 | 27,100 | | |
| | | | | | | 160.0 | 27,600 | 160.0 | 25,000 | | | | | | | 170.0 | 27,400 | 160.0 | 24,800 | 160.0 | 24,800 | | |
| | | | | | | | | 170.0 | 23,000 | 170.0 | 21,400 | | | | | | 170.0 | 25,200 | 170.0 | 22,800 | 170.0 | 22,800 | |
| | | | | | | | | | | 180.0 | 19,800 | | | | | | | | | 180.0 | 21,100 | 180.0 | 19,400 |
| | | | | | | | | | | 190.0 | 18,300 | | | | | | | | | | 190.0 | 17,900 | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 170' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|--------|
| 130 ft Jib | | | | | | | | | | | | 140 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 55.0 | 71,700* | | | | | | | | | | | | | | | | | | | | | | |
| 60.0 | 71,000* | | | | | | | | | | | 60.0 | 59,500* | | | | | | | | | | |
| 65.0 | 70,400* | | | | | | | | | | | 65.0 | 59,500* | | | | | | | | | | |
| 70.0 | 69,700* | | | | | | | | | | | 70.0 | 59,500* | | | | | | | | | | |
| 75.0 | 69,000* | | | | | | | | | | | 75.0 | 59,500* | | | | | | | | | | |
| 80.0 | 68,100* | 80.0 | 71,800 | | | | | | | | | 80.0 | 59,500* | | | | | | | | | | |
| 85.0 | 66,600* | 85.0 | 71,000 | | | | | | | | | 85.0 | 59,500* | | | | | | | | | | |
| 90.0 | 63,200* | 90.0 | 66,400 | | | | | | | | | 90.0 | 59,500* | 90.0 | 59,500* | | | | | | | | |
| 95.0 | 60,000* | 95.0 | 62,000 | | | | | | | | | 95.0 | 58,800* | 95.0 | 59,300 | | | | | | | | |
| 100.0 | 57,100* | 100.0 | 58,100 | | | | | | | | | 100.0 | 57,300* | 100.0 | 57,900 | | | | | | | | |
| 110.0 | 51,900* | 110.0 | 51,600 | 110.0 | 47,800 | | | | | | | 110.0 | 52,000* | 110.0 | 51,400 | | | | | | | | |
| 120.0 | 47,200* | 120.0 | 46,200 | 120.0 | 42,800 | | | | | | | 120.0 | 47,500* | 120.0 | 46,000 | 120.0 | 42,600 | | | | | | |
| 130.0 | 41,800* | 130.0 | 41,700 | 130.0 | 38,600 | | | | | | | 130.0 | 43,400* | 130.0 | 41,500 | 130.0 | 38,400 | | | | | | |
| | | 140.0 | 37,800 | 140.0 | 35,000 | 140.0 | 32,400 | | | | | 140.0 | 37,400* | 140.0 | 37,800 | 140.0 | 34,900 | 140.0 | 32,100 | | | | |
| | | 150.0 | 34,600 | 150.0 | 32,000 | 150.0 | 29,500 | | | | | | | 150.0 | 34,600 | 150.0 | 31,900 | 150.0 | 29,300 | | | | |
| | | | | 160.0 | 29,300 | 160.0 | 27,000 | 160.0 | 24,700 | | | | | 160.0 | 31,800 | 160.0 | 29,300 | 160.0 | 26,900 | 160.0 | 24,600 | | |
| | | | | | | 170.0 | 25,000 | 170.0 | 22,800 | | | | | | | 170.0 | 27,000 | 170.0 | 24,800 | 170.0 | 22,600 | | |
| | | | | | | 180.0 | 23,100 | 180.0 | 21,000 | 180.0 | 19,000 | | | | | | | 180.0 | 22,800 | 180.0 | 20,900 | | |
| | | | | | | | | 190.0 | 19,400 | 190.0 | 17,400 | 180.0 | 16,200 | | | | | 190.0 | 21,200 | 190.0 | 19,200 | 190.0 | 17,200 |
| | | | | | | | | | | 200.0 | 16,200 | | | | | | | | | 200.0 | 17,800 | 200.0 | 15,900 |
| | | | | | | | | | | | | | | | | | | | | | 210.0 | 14,700 | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 170' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 150 ft Jib | | | | | | | 160 ft Jib | | | | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 60.0 | 57,600* | | | | | | | | | | | 60.0 | 52,100* | | | | | | | | | | |
| 65.0 | 57,100* | | | | | | | | | | | 65.0 | 51,600* | | | | | | | | | | |
| 70.0 | 56,800* | | | | | | | | | | | 70.0 | 51,100* | | | | | | | | | | |
| 75.0 | 56,300* | | | | | | | | | | | 75.0 | 50,600* | | | | | | | | | | |
| 80.0 | 55,800* | | | | | | | | | | | 80.0 | 50,100* | | | | | | | | | | |
| 85.0 | 55,300* | | | | | | | | | | | 85.0 | 49,600* | | | | | | | | | | |
| 90.0 | 54,800* | 90.0 | 56,800* | | | | | | | | | 90.0 | 48,800* | | | | | | | | | | |
| 95.0 | 54,300* | 95.0 | 56,300 | | | | | | | | | 95.0 | 47,800* | 95.0 | 50,300* | | | | | | | | |
| 100.0 | 53,500* | 100.0 | 55,500 | | | | | | | | | 100.0 | 46,500* | 100.0 | 49,600* | | | | | | | | |
| 110.0 | 50,100* | 110.0 | 51,000 | | | | | | | | | 110.0 | 43,000* | 110.0 | 48,200* | | | | | | | | |
| 120.0 | 46,600* | 120.0 | 45,600 | 120.0 | 42,300 | | | | | | | 120.0 | 39,900* | 120.0 | 44,700* | 120.0 | 42,300 | | | | | | |
| 130.0 | 43,200* | 130.0 | 41,200 | 130.0 | 38,100 | | | | | | | 130.0 | 37,300* | 130.0 | 41,200 | 130.0 | 38,100 | | | | | | |
| 140.0 | 38,700* | 140.0 | 37,300 | 140.0 | 34,600 | 140.0 | 31,700 | | | | | 140.0 | 34,100* | 140.0 | 37,600 | 140.0 | 34,600 | | | | | | |
| 150.0 | 33,400* | | | 150.0 | 31,500 | 150.0 | 28,900 | | | | | 150.0 | 31,500* | 150.0 | 34,400 | 150.0 | 31,500 | 150.0 | 28,900 | | | | |
| | | 160.0 | 31,500 | 160.0 | 28,900 | 160.0 | 26,500 | | | | | 160.0 | 29,500* | 160.0 | 31,500 | 160.0 | 28,900 | 160.0 | 26,500 | | | | |
| | | 170.0 | 29,000 | 170.0 | 26,500 | 170.0 | 24,300 | 170.0 | 22,100 | | | | | 170.0 | 29,000 | 170.0 | 26,700 | 170.0 | 24,300 | | | | |
| | | | | 180.0 | 24,700 | 180.0 | 22,400 | 180.0 | 20,400 | | | | | 180.0 | 26,900 | 180.0 | 24,700 | 180.0 | 22,500 | 180.0 | 20,400 | | |
| | | | | | | 190.0 | 20,900 | 190.0 | 18,700 | | | | | | | 190.0 | 22,900 | 190.0 | 20,900 | 190.0 | 18,900 | | |
| | | | | | | 200.0 | 19,400 | 200.0 | 17,500 | 200.0 | 15,400 | | | | | 200.0 | 19,400 | 200.0 | 17,500 | 200.0 | 15,400 | | |
| | | | | | | | | 210.0 | 16,300 | 210.0 | 14,300 | | | | | | | 210.0 | 16,300 | 210.0 | 14,300 | | |
| | | | | | | | | | | 220.0 | 13,000 | | | | | | | | | 220.0 | 13,000 | | |
| | | | | | | | | | | | | | | | | | | | | 230.0 | 12,100 | | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

| 170' Boom | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|
| 170 ft Jib | | | | | | | 180 ft Jib | | | | | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | |
| 70.0 | 46,200* | | | | | | | | | | | 70.0 | 41,800* | | | | | | | | | | | |
| 75.0 | 45,700* | | | | | | | | | | | 75.0 | 41,300* | | | | | | | | | | | |
| 80.0 | 45,200* | | | | | | | | | | | 80.0 | 40,800* | | | | | | | | | | | |
| 85.0 | 44,700* | | | | | | | | | | | 85.0 | 40,300* | | | | | | | | | | | |
| 90.0 | 44,200* | | | | | | | | | | | 90.0 | 39,800* | | | | | | | | | | | |
| 95.0 | 43,400* | 95.0 | 44,100* | | | | | | | | | 95.0 | 39,300* | | | | | | | | | | | |
| 100.0 | 42,200* | 100.0 | 42,500* | | | | | | | | | 100.0 | 38,500* | 100.0 | 40,400* | | | | | | | | | |
| 110.0 | 38,800* | 110.0 | 39,400* | | | | | | | | | 110.0 | 35,700* | 110.0 | 37,500* | | | | | | | | | |
| 120.0 | 35,800* | 120.0 | 36,400* | | | | | | | | | 120.0 | 33,000* | 120.0 | 34,500* | | | | | | | | | |
| 130.0 | 32,700* | 130.0 | 33,600* | 130.0 | 34,000* | | | | | | | 130.0 | 30,700* | 130.0 | 32,000* | 130.0 | 32,900* | | | | | | | |
| 140.0 | 30,000* | 140.0 | 30,900* | 140.0 | 31,300* | | | | | | | 140.0 | 28,600* | 140.0 | 29,700* | 140.0 | 30,500* | | | | | | | |
| 150.0 | 27,300* | 150.0 | 28,200* | 150.0 | 28,800* | | | | | | | 150.0 | 26,600* | 150.0 | 27,700* | 150.0 | 28,400* | | | | | | | |
| 160.0 | 24,600* | 160.0 | 25,800* | 160.0 | 26,500* | 160.0 | 25,800 | | | | | 160.0 | 24,900* | 160.0 | 25,700* | 160.0 | 26,100* | 160.0 | 25,700 | | | | | |
| 170.0 | 22,100* | 170.0 | 23,500* | 170.0 | 24,300* | 170.0 | 23,700 | | | | | 170.0 | 22,800* | 170.0 | 23,700* | 170.0 | 24,100* | 170.0 | 23,700 | | | | | |
| | | 180.0 | 21,100* | 180.0 | 22,100* | 180.0 | 22,000 | 180.0 | 19,800 | | | 180.0 | 20,400* | 180.0 | 21,500* | 180.0 | 22,100* | 180.0 | 21,700 | | | | | |
| | | 190.0 | 18,800* | 190.0 | 20,100* | 190.0 | 20,300 | 190.0 | 18,100 | | | | | 190.0 | 19,400* | 190.0 | 20,300* | 190.0 | 20,100 | 190.0 | 18,100 | | | |
| | | | | 200.0 | 17,800* | 200.0 | 18,700 | 200.0 | 16,700 | | | | | 200.0 | 17,400* | 200.0 | 18,400* | 200.0 | 18,600 | 200.0 | 16,500 | | | |
| | | | | | | 210.0 | 16,900* | 210.0 | 15,600 | 210.0 | 13,400 | | | | | 210.0 | 17,100* | 210.0 | 17,100* | 210.0 | 15,400 | 210.0 | 13,200 | |
| | | | | | | 220.0 | 15,100* | 220.0 | 14,400 | 220.0 | 12,300 | | | | | | | 220.0 | 15,500* | 220.0 | 14,200 | 220.0 | 11,900 | |
| | | | | | | | | 230.0 | 13,400 | 230.0 | 11,400 | | | | | | | | | 230.0 | 13,100 | 230.0 | 11,200 | |
| | | | | | | | | | | 240.0 | 10,400 | | | | | | | | | | 240.0 | 12,100 | 240.0 | 10,200 |
| | | | | | | | | | | | | | | | | | | | | | 250.0 | 9,400 | | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 170' Boom | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|---|
| 190 ft Jib | | | | | | | | | | | | 200 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 75.0 | 37,800* | | | | | | | | | | | 75.0 | 34,300* | | | | | | | | | | | | |
| 80.0 | 37,300* | | | | | | | | | | | 80.0 | 33,800* | | | | | | | | | | | | |
| 85.0 | 36,800* | | | | | | | | | | | 85.0 | 33,300* | | | | | | | | | | | | |
| 90.0 | 36,300* | | | | | | | | | | | 90.0 | 32,800* | | | | | | | | | | | | |
| 95.0 | 35,800* | | | | | | | | | | | 95.0 | 32,300* | | | | | | | | | | | | |
| 100.0 | 35,000* | 100.0 | 36,700* | | | | | | | | | 100.0 | 31,500* | | | | | | | | | | | | |
| 110.0 | 32,300* | 110.0 | 33,900* | | | | | | | | | 110.0 | 29,200* | 110.0 | 30,600* | | | | | | | | | | |
| 120.0 | 29,900* | 120.0 | 31,300* | | | | | | | | | 120.0 | 27,100* | 120.0 | 28,200* | | | | | | | | | | |
| 130.0 | 27,800* | 130.0 | 28,900* | | | | | | | | | 130.0 | 25,300* | 130.0 | 26,200* | | | | | | | | | | |
| 140.0 | 26,000* | 140.0 | 26,900* | 140.0 | 27,900* | | | | | | | 140.0 | 23,600* | 140.0 | 24,500* | 140.0 | 25,400* | | | | | | | | |
| 150.0 | 24,400* | 150.0 | 25,200* | 150.0 | 25,900* | | | | | | | 150.0 | 22,100* | 150.0 | 22,800* | 150.0 | 23,700* | | | | | | | | |
| 160.0 | 22,800* | 160.0 | 23,600* | 160.0 | 24,200* | 160.0 | 24,900* | | | | | 160.0 | 20,800* | 160.0 | 21,400* | 160.0 | 22,000* | | | | | | | | |
| 170.0 | 21,400* | 170.0 | 22,100* | 170.0 | 22,700* | 170.0 | 23,200 | | | | | 170.0 | 19,400* | 170.0 | 20,100* | 170.0 | 20,500* | 170.0 | 21,200* | | | | | | |
| 180.0 | 19,500* | 180.0 | 20,700* | 180.0 | 21,300* | 180.0 | 21,300 | | | | | 180.0 | 17,500* | 180.0 | 18,800* | 180.0 | 19,400* | 180.0 | 19,900* | | | | | | |
| 190.0 | 16,100* | 190.0 | 19,200* | 190.0 | 19,600* | 190.0 | 19,600 | | | | | 190.0 | 13,900* | 190.0 | 17,800* | 190.0 | 18,300* | 190.0 | 18,700* | | | | | | |
| | | 200.0 | 17,300* | 200.0 | 17,900* | 200.0 | 18,200 | 200.0 | 16,100 | | | 200.0 | 10,700* | 200.0 | 16,800* | 200.0 | 17,300* | 200.0 | 17,400* | 200.0 | 15,600 | | | | |
| | | | | 210.0 | 16,300* | 210.0 | 16,700* | 210.0 | 14,700 | | | | | 210.0 | 15,200* | 210.0 | 15,800* | 210.0 | 16,000* | 210.0 | 14,500 | | | | |
| | | | | 220.0 | 14,600* | 220.0 | 15,000* | 220.0 | 13,700 | 220.0 | 11,500 | | | | | | 220.0 | 14,400* | 220.0 | 14,700* | 220.0 | 13,300 | | | |
| | | | | | | 230.0 | 13,600* | 230.0 | 12,700 | 230.0 | 10,500 | | | | | | 230.0 | 12,900* | 230.0 | 13,300* | 230.0 | 12,300 | 230.0 | 10,300 | |
| | | | | | | | | 240.0 | 11,700 | 240.0 | 9,700 | | | | | | | | 240.0 | 11,800* | 240.0 | 11,300 | 240.0 | 9,400 | |
| | | | | | | | | 250.0 | 10,700 | 250.0 | 8,900 | | | | | | | | | | 250.0 | 10,500 | 250.0 | 8,500 | |
| | | | | | | | | | | 260.0 | 8,300 | | | | | | | | | 260.0 | 9,500 | 260.0 | 7,800 | | |
| | | | | | | | | | | | | | | | | | | | | | 270.0 | 7,200 | 270.0 | 7,200 | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 180' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 70 ft Jib | | | | | | | | | | | | 80 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 40.0 | 89,200* | | | | | | | | | | | 40.0 | 89,200* | | | | | | | | | | |
| 42.0 | 89,200* | | | | | | | | | | | 42.0 | 89,200* | | | | | | | | | | |
| 44.0 | 89,200* | | | | | | | | | | | 44.0 | 89,200* | | | | | | | | | | |
| 46.0 | 89,200* | | | | | | | | | | | 46.0 | 89,200* | | | | | | | | | | |
| 48.0 | 89,200* | | | | | | | | | | | 48.0 | 89,200* | | | | | | | | | | |
| 50.0 | 89,200* | | | | | | | | | | | 50.0 | 89,200* | | | | | | | | | | |
| 55.0 | 86,500* | | | | | | | | | | | 55.0 | 86,500* | | | | | | | | | | |
| 60.0 | 80,900* | 60.0 | 89,200* | | | | | | | | | 60.0 | 81,100* | | | | | | | | | | |
| 65.0 | 75,400* | 65.0 | 89,200* | | | | | | | | | 65.0 | 75,600* | | | | | | | | | | |
| 70.0 | 70,400* | 70.0 | 85,100* | | | | | | | | | 70.0 | 70,900* | 70.0 | 85,100* | | | | | | | | |
| 75.0 | 65,900* | 75.0 | 79,800* | | | | | | | | | 75.0 | 66,500* | 75.0 | 79,900* | | | | | | | | |
| | | 80.0 | 74,300* | 80.0 | 72,900 | | | | | | | 80.0 | 62,300* | 80.0 | 74,600* | | | | | | | | |
| | | 85.0 | 69,500* | 85.0 | 67,500 | | | | | | | 85.0 | 58,600* | 85.0 | 69,700* | | | | | | | | |
| | | 90.0 | 65,100* | 90.0 | 62,900 | | | | | | | 90.0 | 55,200* | 90.0 | 65,400* | 90.0 | 62,500 | | | | | | |
| | | 95.0 | 61,000* | 95.0 | 58,800 | | | | | | | | | 95.0 | 61,600* | 95.0 | 58,400 | | | | | | |
| | | | | 100.0 | 55,100 | 100.0 | 51,200 | | | | | | | 100.0 | 58,000* | 100.0 | 54,700 | | | | | | |
| | | | | 110.0 | 48,700 | 110.0 | 45,300 | | | | | | | | | 110.0 | 48,500 | 110.0 | 44,900 | | | | |
| | | | | | | 120.0 | 40,600 | 120.0 | 37,400 | | | | | | | | | 120.0 | 40,100 | | | | |
| | | | | | | 130.0 | 33,700 | 130.0 | 33,700 | | | | | | | | | 130.0 | 36,100 | | | 130.0 | 33,300 |
| | | | | | | 140.0 | 30,700 | 140.0 | 30,700 | 140.0 | 28,100 | | | | | | | | | | 140.0 | 30,200 | |
| | | | | | | 150.0 | 25,700 | 150.0 | 25,700 | | | | | | | | | | | | 150.0 | 27,500 | |
| | | | | | | | | | | | | | | | | | | | | | 160.0 | 23,000 | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 180' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 90 ft Jib | | | | | | | | | | | | 100 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 46.0 | 89,200* | | | | | | | | | | | 46.0 | 89,200* | | | | | | | | | | |
| 48.0 | 89,200* | | | | | | | | | | | 48.0 | 89,200* | | | | | | | | | | |
| 50.0 | 89,200* | | | | | | | | | | | 50.0 | 89,200* | | | | | | | | | | |
| 55.0 | 86,500* | | | | | | | | | | | 55.0 | 86,500* | | | | | | | | | | |
| 60.0 | 81,100* | | | | | | | | | | | 60.0 | 81,200* | | | | | | | | | | |
| 65.0 | 75,600* | | | | | | | | | | | 65.0 | 75,800* | | | | | | | | | | |
| 70.0 | 70,900* | 70.0 | 85,100* | | | | | | | | | 70.0 | 71,000* | | | | | | | | | | |
| 75.0 | 66,600* | 75.0 | 79,900* | | | | | | | | | 75.0 | 66,700* | 75.0 | 78,500* | | | | | | | | |
| 80.0 | 62,600* | 80.0 | 74,600* | | | | | | | | | 80.0 | 62,700* | 80.0 | 73,500* | | | | | | | | |
| 85.0 | 59,000* | 85.0 | 69,900* | | | | | | | | | 85.0 | 59,000* | 85.0 | 69,000* | | | | | | | | |
| 90.0 | 55,700* | 90.0 | 65,700* | | | | | | | | | 90.0 | 55,800* | 90.0 | 64,900* | | | | | | | | |
| 95.0 | 52,500* | 95.0 | 61,800* | 95.0 | 57,900 | | | | | | | 95.0 | 52,800* | 95.0 | 61,200* | 95.0 | 57,700 | | | | | | |
| | | 100.0 | 58,200 | 100.0 | 54,300 | | | | | | | 100.0 | 50,100* | 100.0 | 57,800* | 100.0 | 54,000 | | | | | | |
| | | 110.0 | 51,800 | 110.0 | 48,100 | | | | | | | 110.0 | 45,000* | 110.0 | 51,900 | 110.0 | 47,800 | | | | | | |
| | | | | 120.0 | 43,000 | 120.0 | 39,800 | | | | | | | | | | | 120.0 | 39,800 | | | | |
| | | | | 130.0 | 38,800 | 130.0 | 35,900 | | | | | | | | | | | 130.0 | 35,900 | | | | |
| | | | | 140.0 | 32,600 | 140.0 | 29,800 | 140.0 | 29,800 | | | | | | | | | 140.0 | 29,500 | | | | |
| | | | | | | 150.0 | 27,100 | 150.0 | 27,100 | 160.0 | 22,600 | | | | | | | | | | 160.0 | 22,600 | |
| | | | | | | 170.0 | 20,800 | 170.0 | 20,800 | | | | | | | | | | | | 170.0 | 20,800 | |
| | | | | | | | | | | | | | | | | | | | | | 180.0 | 19,200 | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 180° Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 110 ft Jib | | | | | | | | | | | 120 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 46.0 | 85,900* | | | | | | | | | | | | | | | | | | | | | | |
| 48.0 | 85,500* | | | | | | | | | | | | | | | | | | | | | | |
| 50.0 | 85,100* | | | | | | | | | | | | | | | | | | | | | | |
| 55.0 | 83,600* | | | | | | | | | | | 55.0 | 73,100* | | | | | | | | | | |
| 60.0 | 80,900* | | | | | | | | | | | 60.0 | 72,100* | | | | | | | | | | |
| 65.0 | 75,600* | | | | | | | | | | | 65.0 | 71,100* | | | | | | | | | | |
| 70.0 | 70,800* | | | | | | | | | | | 70.0 | 68,900* | | | | | | | | | | |
| 75.0 | 66,500* | 75.0 | 78,400* | | | | | | | | | 75.0 | 65,700* | | | | | | | | | | |
| 80.0 | 62,600* | 80.0 | 73,300* | | | | | | | | | 80.0 | 61,900* | 80.0 | 73,100* | | | | | | | | |
| 85.0 | 59,000* | 85.0 | 68,800* | | | | | | | | | 85.0 | 58,400* | 85.0 | 68,800* | | | | | | | | |
| 90.0 | 55,800* | 90.0 | 64,700* | | | | | | | | | 90.0 | 55,300* | 90.0 | 64,700* | | | | | | | | |
| 95.0 | 52,900* | 95.0 | 61,100* | | | | | | | | | 95.0 | 52,500* | 95.0 | 61,000* | | | | | | | | |
| 100.0 | 50,200* | 100.0 | 57,800* | 100.0 | 53,600 | | | | | | | 100.0 | 49,900* | 100.0 | 57,600 | | | | | | | | |
| 110.0 | 45,200* | 110.0 | 51,600 | 110.0 | 47,400 | | | | | | | 110.0 | 45,200* | 110.0 | 51,400 | 110.0 | 47,600 | | | | | | |
| | | 120.0 | 46,200 | 120.0 | 42,500 | | | | | | | 120.0 | 41,100* | 120.0 | 46,000 | 120.0 | 42,600 | | | | | | |
| | | 130.0 | 41,900 | 130.0 | 38,300 | 130.0 | 35,500 | | | | | | | 130.0 | 41,700 | 130.0 | 38,400 | 130.0 | 35,000 | | | | |
| | | | | 140.0 | 34,800 | 140.0 | 32,100 | | | | | | | 140.0 | 37,800 | 140.0 | 34,800 | 140.0 | 31,900 | | | | |
| | | | | 150.0 | 31,800 | 150.0 | 29,300 | 150.0 | 26,400 | | | | | | | 150.0 | 31,800 | 150.0 | 29,100 | | | | |
| | | | | | | 160.0 | 27,000 | 160.0 | 24,100 | | | | | | | | | 160.0 | 26,700 | 160.0 | 24,100 | | |
| | | | | | | | | 170.0 | 22,300 | 170.0 | 20,300 | | | | | | | 170.0 | 24,500 | 170.0 | 22,300 | | |
| | | | | | | | | | | 180.0 | 18,700 | | | | | | | | | 180.0 | 20,500 | 180.0 | 18,300 |
| | | | | | | | | | | | 190.0 | 17,200 | | | | | | | | 190.0 | 19,000 | 190.0 | 17,000 |
| | | | | | | | | | | | | | | | | | | | | 200.0 | 15,600 | 200.0 | 15,600 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 |

| 180° Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 130 ft Jib | | | | | | | | | | | 140 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 55.0 | 59,500* | | | | | | | | | | | | | | | | | | | | | | |
| 60.0 | 59,500* | | | | | | | | | | | 60.0 | 59,500* | | | | | | | | | | |
| 65.0 | 59,500* | | | | | | | | | | | 65.0 | 59,500* | | | | | | | | | | |
| 70.0 | 59,500* | | | | | | | | | | | 70.0 | 59,500* | | | | | | | | | | |
| 75.0 | 59,500* | | | | | | | | | | | 75.0 | 59,500* | | | | | | | | | | |
| 80.0 | 59,200* | 80.0 | 59,500* | | | | | | | | | 80.0 | 59,200* | | | | | | | | | | |
| 85.0 | 58,200* | 85.0 | 59,500* | | | | | | | | | 85.0 | 58,200* | | | | | | | | | | |
| 90.0 | 55,300* | 90.0 | 59,500* | | | | | | | | | 90.0 | 55,300* | 90.0 | 59,500* | | | | | | | | |
| 95.0 | 52,500* | 95.0 | 59,100* | | | | | | | | | 95.0 | 52,500* | 95.0 | 59,100 | | | | | | | | |
| 100.0 | 49,900* | 100.0 | 57,500 | | | | | | | | | 100.0 | 49,900* | 100.0 | 57,500 | | | | | | | | |
| 110.0 | 45,200* | 110.0 | 51,200 | 110.0 | 47,100 | | | | | | | 110.0 | 45,200* | 110.0 | 50,900 | | | | | | | | |
| 120.0 | 41,100* | 120.0 | 45,800 | 120.0 | 42,100 | | | | | | | 120.0 | 41,100* | 120.0 | 45,600 | 120.0 | 41,900 | | | | | | |
| 130.0 | 37,400* | 130.0 | 41,300 | 130.0 | 37,900 | | | | | | | 130.0 | 37,600* | 130.0 | 41,200 | 130.0 | 37,900 | | | | | | |
| | | 140.0 | 37,600 | 140.0 | 34,600 | 140.0 | 31,500 | | | | | 140.0 | 34,600* | 140.0 | 37,600 | 140.0 | 34,300 | 140.0 | 31,200 | | | | |
| | | 150.0 | 34,400 | 150.0 | 31,500 | 150.0 | 28,600 | | | | | | | 150.0 | 34,200 | 150.0 | 31,300 | 150.0 | 28,600 | | | | |
| | | | | 160.0 | 28,900 | 160.0 | 26,300 | 160.0 | 23,700 | | | | | 160.0 | 31,500 | 160.0 | 28,900 | 160.0 | 26,100 | | | | |
| | | | | 170.0 | 26,700 | 170.0 | 24,300 | 170.0 | 21,900 | | | | | | | 170.0 | 26,500 | 170.0 | 24,100 | 170.0 | 21,700 | | |
| | | | | | | 180.0 | 20,200 | 180.0 | 20,200 | 180.0 | 17,900 | | | | | | | 180.0 | 22,200 | 180.0 | 20,000 | | |
| | | | | | | | | 190.0 | 18,700 | 190.0 | 16,300 | | | | | | | 190.0 | 20,700 | 190.0 | 18,500 | 190.0 | 16,100 |
| | | | | | | | | | | 200.0 | 15,100 | | | | | | | | | 200.0 | 17,200 | 200.0 | 14,800 |
| | | | | | | | | | | | 210.0 | 13,800 | | | | | | | | 210.0 | 13,600 | 210.0 | 13,600 |
| | | | | | | | | | | | | | | | | | | | | 220.0 | 12,600 | 220.0 | 12,600 |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 180' Boom | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|
| 150 ft Jib | | | | | | | | | | | | 160 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | |
| 60.0 | 55,900* | | | | | | | | | | | 60.0 | 50,600* | | | | | | | | | | | |
| 65.0 | 55,300* | | | | | | | | | | | 65.0 | 50,100* | | | | | | | | | | | |
| 70.0 | 54,800* | | | | | | | | | | | 70.0 | 49,600* | | | | | | | | | | | |
| 75.0 | 54,300* | | | | | | | | | | | 75.0 | 49,000* | | | | | | | | | | | |
| 80.0 | 53,800* | | | | | | | | | | | 80.0 | 48,500* | | | | | | | | | | | |
| 85.0 | 53,300* | | | | | | | | | | | 85.0 | 48,000* | | | | | | | | | | | |
| 90.0 | 52,800* | 90.0 | 55,000* | | | | | | | | | 90.0 | 47,500* | | | | | | | | | | | |
| 95.0 | 51,600* | 95.0 | 54,500 | | | | | | | | | 95.0 | 47,000* | 95.0 | 49,500* | | | | | | | | | |
| 100.0 | 49,600* | 100.0 | 54,000 | | | | | | | | | 100.0 | 46,200* | 100.0 | 49,000* | | | | | | | | | |
| 110.0 | 44,900* | 110.0 | 50,700 | | | | | | | | | 110.0 | 43,000* | 110.0 | 47,900* | | | | | | | | | |
| 120.0 | 41,100* | 120.0 | 45,400 | 120.0 | 41,600 | | | | | | | 120.0 | 40,000* | 120.0 | 45,000 | 120.0 | 41,700 | | | | | | | |
| 130.0 | 37,600* | 130.0 | 40,800 | 130.0 | 37,400 | | | | | | | 130.0 | 37,000* | 130.0 | 41,000 | 130.0 | 37,500 | | | | | | | |
| 140.0 | 34,400* | 140.0 | 37,100 | 140.0 | 33,900 | | | | | | | 140.0 | 34,000* | 140.0 | 37,300 | 140.0 | 34,100 | | | | | | | |
| 150.0 | 31,700* | 150.0 | 34,000 | 150.0 | 31,100 | 150.0 | 28,200 | | | | | 150.0 | 31,500* | 150.0 | 34,000 | 150.0 | 31,100 | 150.0 | 28,200 | | | | | |
| | | 160.0 | 31,200 | 160.0 | 28,500 | 160.0 | 25,800 | | | | | 160.0 | 29,000* | 160.0 | 31,200 | 160.0 | 28,500 | 160.0 | 25,800 | | | | | |
| | | 170.0 | 28,800 | 170.0 | 26,100 | 170.0 | 23,700 | | | | | | | 170.0 | 28,800 | 170.0 | 26,300 | 170.0 | 23,700 | | | | | |
| | | | | 180.0 | 24,300 | 180.0 | 22,000 | | | 180.0 | 19,500 | | | | 180.0 | 26,700 | 180.0 | 24,300 | 180.0 | 22,000 | 180.0 | 19,500 | | |
| | | | | 190.0 | 22,500 | 190.0 | 20,300 | 190.0 | 18,100 | | | | | | | 190.0 | 22,500 | 190.0 | 20,300 | 190.0 | 18,100 | 190.0 | 18,100 | |
| | | | | | | 200.0 | 18,900 | 200.0 | 16,700 | 200.0 | 14,300 | | | | | | | 200.0 | 18,900 | 200.0 | 16,700 | 200.0 | 14,300 | |
| | | | | | | | | 210.0 | 15,400 | 210.0 | 13,200 | | | | | | | | | 210.0 | 15,400 | 210.0 | 13,200 | |
| | | | | | | | | | | 220.0 | 12,200 | | | | | | | | | | 220.0 | 14,400 | 220.0 | 12,200 |
| | | | | | | | | | | | | | | | | | | | | | 230.0 | 11,200 | | |
| | | | | | | | | | | | | | | | | | | | | | 240.0 | 10,400 | | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | |

| 180' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 170 ft Jib | | | | | | | | | | | | 180 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 70.0 | 44,900* | | | | | | | | | | | 70.0 | 40,900* | | | | | | | | | | |
| 75.0 | 44,400* | | | | | | | | | | | 75.0 | 40,500* | | | | | | | | | | |
| 80.0 | 43,900* | | | | | | | | | | | 80.0 | 40,200* | | | | | | | | | | |
| 85.0 | 43,400* | | | | | | | | | | | 85.0 | 39,700* | | | | | | | | | | |
| 90.0 | 42,900* | | | | | | | | | | | 90.0 | 39,300* | | | | | | | | | | |
| 95.0 | 42,400* | 95.0 | 43,800* | | | | | | | | | 95.0 | 39,000* | | | | | | | | | | |
| 100.0 | 41,600* | 100.0 | 42,200* | | | | | | | | | 100.0 | 38,400* | 100.0 | 39,800* | | | | | | | | |
| 110.0 | 38,600* | 110.0 | 39,000* | | | | | | | | | 110.0 | 35,700* | 110.0 | 37,400* | | | | | | | | |
| 120.0 | 35,500* | 120.0 | 36,000* | | | | | | | | | 120.0 | 33,000* | 120.0 | 34,500* | | | | | | | | |
| 130.0 | 32,500* | 130.0 | 33,200* | 130.0 | 33,600* | | | | | | | 130.0 | 30,600* | 130.0 | 31,800* | 130.0 | 32,400* | | | | | | |
| 140.0 | 29,800* | 140.0 | 30,500* | 140.0 | 31,000* | | | | | | | 140.0 | 28,400* | 140.0 | 29,500* | 140.0 | 30,100* | | | | | | |
| 150.0 | 27,100* | 150.0 | 28,000* | 150.0 | 28,600* | | | | | | | 150.0 | 26,600* | 150.0 | 27,500* | 150.0 | 27,900* | | | | | | |
| 160.0 | 24,500* | 160.0 | 25,600* | 160.0 | 26,300* | 160.0 | 25,200 | | | | | 160.0 | 24,800* | 160.0 | 25,500* | 160.0 | 25,900* | 160.0 | 24,900 | | | | |
| 170.0 | 21,900* | 170.0 | 23,200* | 170.0 | 23,900* | 170.0 | 23,000 | | | | | 170.0 | 22,600* | 170.0 | 23,400* | 170.0 | 23,900* | 170.0 | 23,000 | | | | |
| | | 180.0 | 20,900* | 180.0 | 21,900* | 180.0 | 21,300 | 180.0 | 18,900 | | | 180.0 | 20,400* | 180.0 | 21,400* | 180.0 | 21,900* | 180.0 | 21,100 | | | | |
| | | 190.0 | 18,700* | 190.0 | 19,800* | 190.0 | 19,600 | 190.0 | 17,400 | | | | | 190.0 | 19,400* | 190.0 | 20,100* | 190.0 | 19,400 | 190.0 | 17,000 | | |
| | | | | 200.0 | 17,800* | 200.0 | 18,300 | 200.0 | 15,800 | | | | | 200.0 | 17,200* | 200.0 | 18,200* | 200.0 | 18,000 | 200.0 | 15,600 | | |
| | | | | | | 210.0 | 16,700* | 210.0 | 14,700 | 210.0 | 12,300 | | | | | 210.0 | 16,700 | 210.0 | 16,700 | 210.0 | 14,500 | 210.0 | 12,100 |
| | | | | | | | | 220.0 | 14,900* | 220.0 | 13,500 | 220.0 | 11,300 | | | | | 220.0 | 15,200* | 220.0 | 13,300 | 220.0 | 11,100 |
| | | | | | | | | | | 230.0 | 12,500 | 230.0 | 10,300 | | | | | | | 230.0 | 12,300 | 230.0 | 10,100 |
| | | | | | | | | | | | | 240.0 | 9,500 | | | | | | | 240.0 | 11,400 | 240.0 | 9,300 |
| | | | | | | | | | | | | | | | | | | | | | 250.0 | 8,500 | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 180° Boom | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|---|
| 190 ft Jib | | | | | | | | | | | 200 ft Jib | | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 75.0 | 36,800* | | | | | | | | | | | 75.0 | 33,500* | | | | | | | | | | | | |
| 80.0 | 36,500* | | | | | | | | | | | 80.0 | 33,200* | | | | | | | | | | | | |
| 85.0 | 36,100* | | | | | | | | | | | 85.0 | 32,800* | | | | | | | | | | | | |
| 90.0 | 35,800* | | | | | | | | | | | 90.0 | 32,500* | | | | | | | | | | | | |
| 95.0 | 35,500* | | | | | | | | | | | 95.0 | 32,000* | | | | | | | | | | | | |
| 100.0 | 34,800* | 100.0 | 36,100* | | | | | | | | | 100.0 | 31,300* | | | | | | | | | | | | |
| 110.0 | 32,100* | 110.0 | 33,700* | | | | | | | | | 110.0 | 29,000* | 110.0 | 30,500* | | | | | | | | | | |
| 120.0 | 29,800* | 120.0 | 31,300* | | | | | | | | | 120.0 | 26,900* | 120.0 | 28,200* | | | | | | | | | | |
| 130.0 | 27,800* | 130.0 | 28,900* | | | | | | | | | 130.0 | 25,100* | 130.0 | 26,200* | | | | | | | | | | |
| 140.0 | 25,800* | 140.0 | 26,800* | 140.0 | 27,900* | | | | | | | 140.0 | 23,400* | 140.0 | 24,300* | 140.0 | 25,300* | | | | | | | | |
| 150.0 | 24,100* | 150.0 | 25,000* | 150.0 | 25,900* | | | | | | | 150.0 | 21,900* | 150.0 | 22,800* | 150.0 | 23,500* | | | | | | | | |
| 160.0 | 22,700* | 160.0 | 23,400* | 160.0 | 24,200* | | | | | | | 160.0 | 20,600* | 160.0 | 21,200* | 160.0 | 21,900* | | | | | | | | |
| 170.0 | 21,200* | 170.0 | 21,900* | 170.0 | 22,500* | 170.0 | 22,600 | | | | | 170.0 | 19,400* | 170.0 | 19,900* | 170.0 | 20,500* | 170.0 | 21,000* | | | | | | |
| 180.0 | 18,000* | 180.0 | 20,500* | 180.0 | 21,000* | 180.0 | 20,600 | | | | | 180.0 | 15,900* | 180.0 | 18,700* | 180.0 | 19,200* | 180.0 | 19,600* | | | | | | |
| 190.0 | 14,600* | 190.0 | 19,000* | 190.0 | 19,200* | 190.0 | 19,200 | | | | | 190.0 | 12,400* | 190.0 | 17,600* | 190.0 | 18,100* | 190.0 | 18,500* | | | | | | |
| | | 200.0 | 17,100* | 200.0 | 17,600* | 200.0 | 17,600 | 200.0 | 15,200 | | | 200.0 | 9,400* | 200.0 | 16,600* | 200.0 | 16,900* | 200.0 | 16,900* | 200.0 | 14,700 | | | | |
| | | | | 210.0 | 16,000* | 210.0 | 16,300 | 210.0 | 14,100 | | | | | 210.0 | 13,800* | 210.0 | 15,600* | 210.0 | 15,600* | 210.0 | 13,600 | | | | |
| | | | | 220.0 | 14,400* | 220.0 | 14,800* | 220.0 | 12,800 | 220.0 | 10,600 | | | 220.0 | 10,200* | 220.0 | 14,000* | 220.0 | 14,300* | 220.0 | 12,400 | | | | |
| | | | | | | 230.0 | 13,300* | 230.0 | 11,800 | 230.0 | 9,600 | | | | | 230.0 | 12,900* | 230.0 | 12,900* | 230.0 | 11,400 | 230.0 | 9,200 | | |
| | | | | | | 240.0 | 11,800* | 240.0 | 10,900 | 240.0 | 8,800 | | | | | | | 240.0 | 11,600* | 240.0 | 10,600 | 240.0 | 8,400 | | |
| | | | | | | 250.0 | 10,000 | 250.0 | 8,100 | 250.0 | 7,400 | | | | | | | | | 250.0 | 9,600 | 250.0 | 7,600 | | |
| | | | | | | | | 260.0 | 7,400 | 260.0 | 6,600 | | | | | | | | | 260.0 | 8,900 | 260.0 | 7,000 | | |
| | | | | | | | | | | | | | | | | | | | | | | 270.0 | 6,300 | | |
| | | | | | | | | | | | | | | | | | | | | | | 280.0 | 5,600 | | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 190' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 110 ft Jib | | | | | | | | | | | 120 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 46.0 | 81,900* | | | | | | | | | | | | | | | | | | | | | | |
| 48.0 | 80,800* | | | | | | | | | | | | | | | | | | | | | | |
| 50.0 | 79,600* | | | | | | | | | | | | | | | | | | | | | | |
| 55.0 | 75,500* | | | | | | | | | | | 55.0 | 59,500* | | | | | | | | | | |
| 60.0 | 70,300* | | | | | | | | | | | 60.0 | 59,500* | | | | | | | | | | |
| 65.0 | 65,800* | | | | | | | | | | | 65.0 | 59,500* | | | | | | | | | | |
| 70.0 | 61,700* | | | | | | | | | | | 70.0 | 59,500* | | | | | | | | | | |
| 75.0 | 57,900* | 75.0 | 69,700* | | | | | | | | | 75.0 | 57,700* | | | | | | | | | | |
| 80.0 | 54,500* | 80.0 | 65,200* | | | | | | | | | 80.0 | 54,500* | 80.0 | 59,500* | | | | | | | | |
| 85.0 | 51,500* | 85.0 | 61,100* | | | | | | | | | 85.0 | 51,500* | 85.0 | 59,500* | | | | | | | | |
| 90.0 | 48,800* | 90.0 | 57,500* | | | | | | | | | 90.0 | 48,600* | 90.0 | 56,900* | | | | | | | | |
| 95.0 | 46,200* | 95.0 | 54,200* | | | | | | | | | 95.0 | 46,100* | 95.0 | 54,000* | | | | | | | | |
| 100.0 | 43,800* | 100.0 | 51,100* | 100.0 | 53,200 | | | | | | | 100.0 | 43,800* | 100.0 | 51,100* | | | | | | | | |
| 110.0 | 39,600* | 110.0 | 45,900* | 110.0 | 47,100 | | | | | | | 110.0 | 39,600* | 110.0 | 45,700* | 110.0 | 46,900 | | | | | | |
| | | 120.0 | 41,300* | 120.0 | 42,300 | | | | | | | 120.0 | 35,900* | 120.0 | 41,300* | 120.0 | 41,900 | | | | | | |
| | | 130.0 | 37,400* | 130.0 | 38,100 | 130.0 | 34,800 | | | | | 130.0 | 32,600* | 130.0 | 37,400* | 130.0 | 37,900 | | | | | | |
| | | | | 140.0 | 34,600 | 140.0 | 31,500 | | | | | | | 140.0 | 34,000* | 140.0 | 34,300 | 140.0 | 31,200 | | | | |
| | | | | 150.0 | 31,700 | 150.0 | 28,800 | | | | | | | | | 150.0 | 31,300 | 150.0 | 28,400 | | | | |
| | | | | | | 160.0 | 26,300 | 160.0 | 23,700 | | | | | | | 160.0 | 28,900 | 160.0 | 26,100 | 160.0 | 23,500 | | |
| | | | | | | 170.0 | 24,300 | 170.0 | 21,900 | | | | | | | | | 170.0 | 24,100 | 170.0 | 21,500 | | |
| | | | | | | | | 180.0 | 20,200 | | | | | | | | | | | 180.0 | 19,900 | 180.0 | 17,400 |
| | | | | | | | | | | 180.0 | 17,800 | | | | | | | | | 190.0 | 18,300 | 190.0 | 15,900 |
| | | | | | | | | | | | | 190.0 | 16,300 | | | | | | | 200.0 | 17,400 | 200.0 | 14,700 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

| 190' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 130 ft Jib | | | | | | | | | | | 140 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 55.0 | 59,500* | | | | | | | | | | | | | | | | | | | | | | |
| 60.0 | 59,500* | | | | | | | | | | | 60.0 | 59,500* | | | | | | | | | | |
| 65.0 | 59,500* | | | | | | | | | | | 65.0 | 59,500* | | | | | | | | | | |
| 70.0 | 59,500* | | | | | | | | | | | 70.0 | 59,500* | | | | | | | | | | |
| 75.0 | 57,600* | | | | | | | | | | | 75.0 | 57,600* | | | | | | | | | | |
| 80.0 | 54,300* | 80.0 | 59,500* | | | | | | | | | 80.0 | 54,300* | | | | | | | | | | |
| 85.0 | 51,300* | 85.0 | 59,500* | | | | | | | | | 85.0 | 51,300* | | | | | | | | | | |
| 90.0 | 48,600* | 90.0 | 56,800* | | | | | | | | | 90.0 | 48,600* | 90.0 | 56,800* | | | | | | | | |
| 95.0 | 46,000* | 95.0 | 53,800* | | | | | | | | | 95.0 | 46,000* | 95.0 | 53,800* | | | | | | | | |
| 100.0 | 43,600* | 100.0 | 50,900* | | | | | | | | | 100.0 | 43,600* | 100.0 | 50,900* | | | | | | | | |
| 110.0 | 39,500* | 110.0 | 45,700* | | | | | | | | | 110.0 | 39,500* | 110.0 | 45,700* | | | | | | | | |
| 120.0 | 35,900* | 120.0 | 41,300* | 120.0 | 41,500 | | | | | | | 120.0 | 35,900* | 120.0 | 41,300* | 120.0 | 41,500 | | | | | | |
| 130.0 | 32,700* | 130.0 | 37,400* | 130.0 | 37,500 | | | | | | | 130.0 | 32,700* | 130.0 | 37,400* | 130.0 | 37,300 | | | | | | |
| | | 140.0 | 34,100* | 140.0 | 34,000 | 140.0 | 30,800 | | | | | 140.0 | 30,000* | 140.0 | 34,100* | 140.0 | 33,900 | 140.0 | 30,600 | | | | |
| | | 150.0 | 31,100* | 150.0 | 31,100 | 150.0 | 28,000 | | | | | | | 150.0 | 31,300* | 150.0 | 30,900 | 150.0 | 27,900 | | | | |
| | | | | 160.0 | 28,500 | 160.0 | 25,700 | 160.0 | 23,000 | | | | | 160.0 | 28,600* | 160.0 | 28,500 | 160.0 | 25,600 | | | | |
| | | | | 170.0 | 26,300 | 170.0 | 23,700 | 170.0 | 21,200 | | | | | | | 170.0 | 26,100 | 170.0 | 23,400 | 170.0 | 21,000 | | |
| | | | | | | 180.0 | 22,000 | 180.0 | 19,500 | | | | | | | 180.0 | 21,700 | 180.0 | 21,700 | 180.0 | 19,300 | | |
| | | | | | | 190.0 | 20,300 | 190.0 | 18,100 | 190.0 | 15,400 | | | | | | | 190.0 | 20,100 | 190.0 | 17,800 | | |
| | | | | | | | | 200.0 | 16,700 | 200.0 | 14,200 | | | | | | | | | 200.0 | 16,500 | 200.0 | 14,000 |
| | | | | | | | | | | 210.0 | 13,200 | | | | | | | | | | 210.0 | 13,000 | |
| | | | | | | | | | | | | | | | | | | | | | 220.0 | 11,900 | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 190' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 150 ft Jib | | | | | | | | | | 160 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 60.0 | 53,900* | | | | | | | | | | | 60.0 | 49,000* | | | | | | | | | | |
| 65.0 | 53,400* | | | | | | | | | | | 65.0 | 48,500* | | | | | | | | | | |
| 70.0 | 52,900* | | | | | | | | | | | 70.0 | 48,000* | | | | | | | | | | |
| 75.0 | 52,400* | | | | | | | | | | | 75.0 | 47,500* | | | | | | | | | | |
| 80.0 | 51,800* | | | | | | | | | | | 80.0 | 47,000* | | | | | | | | | | |
| 85.0 | 50,900* | | | | | | | | | | | 85.0 | 46,500* | | | | | | | | | | |
| 90.0 | 48,400* | 90.0 | 53,000* | | | | | | | | | 90.0 | 46,000* | | | | | | | | | | |
| 95.0 | 45,800* | 95.0 | 51,600* | | | | | | | | | 95.0 | 44,500* | 95.0 | 47,900* | | | | | | | | |
| 100.0 | 43,400* | 100.0 | 49,400* | | | | | | | | | 100.0 | 42,500* | 100.0 | 47,300* | | | | | | | | |
| 110.0 | 39,300* | 110.0 | 44,300* | | | | | | | | | 110.0 | 38,400* | 110.0 | 44,300* | | | | | | | | |
| 120.0 | 35,800* | 120.0 | 40,300* | 120.0 | 41,000 | | | | | | | 120.0 | 35,100* | 120.0 | 40,000* | 120.0 | 41,000 | | | | | | |
| 130.0 | 32,700* | 130.0 | 36,700* | 130.0 | 36,800 | | | | | | | 130.0 | 32,200* | 130.0 | 36,500* | 130.0 | 37,000 | | | | | | |
| 140.0 | 29,900* | 140.0 | 33,500* | 140.0 | 33,500 | | | | | | | 140.0 | 29,600* | 140.0 | 33,300* | 140.0 | 33,600 | | | | | | |
| 150.0 | 27,500* | 150.0 | 30,800* | 150.0 | 30,600 | 150.0 | 27,900 | | | | | 150.0 | 27,300* | 150.0 | 30,600* | 150.0 | 30,600 | | | | | | |
| | | 160.0 | 28,200* | 160.0 | 28,000 | 160.0 | 25,600 | | | | | 160.0 | 25,000* | 160.0 | 28,200* | 160.0 | 28,000 | 160.0 | 25,200 | | | | |
| | | 170.0 | 26,100* | 170.0 | 25,900 | 170.0 | 23,400 | | | | | | | 170.0 | 25,900* | 170.0 | 25,900 | 170.0 | 23,200 | | | | |
| | | | | 180.0 | 23,800 | 180.0 | 21,700 | 180.0 | 18,900 | | | | | 180.0 | 23,800* | 180.0 | 23,900 | 180.0 | 21,300 | 180.0 | 18,900 | | |
| | | | | 190.0 | 22,000 | 190.0 | 20,100 | 190.0 | 17,400 | | | | | | | 190.0 | 22,300 | 190.0 | 19,800 | 190.0 | 17,400 | | |
| | | | | | | 200.0 | 18,700 | 200.0 | 16,100 | 200.0 | 13,900 | | | | | | | 200.0 | 18,300 | 200.0 | 16,100 | 210.0 | 12,300 |
| | | | | | | | | | | 210.0 | 14,700 | 210.0 | 12,700 | | | | | | | 210.0 | 14,700 | 210.0 | 11,300 |
| | | | | | | | | | | 220.0 | 13,700 | 220.0 | 11,700 | | | | | | | 220.0 | 13,700 | 230.0 | 10,500 |
| | | | | | | | | | | | | 230.0 | 10,900 | | | | | | | | 240.0 | 9,600 | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

| 190' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 170 ft Jib | | | | | | | | | | 180 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 70.0 | 43,600* | | | | | | | | | | | 70.0 | 39,600* | | | | | | | | | | |
| 75.0 | 43,100* | | | | | | | | | | | 75.0 | 39,100* | | | | | | | | | | |
| 80.0 | 42,600* | | | | | | | | | | | 80.0 | 38,600* | | | | | | | | | | |
| 85.0 | 42,100* | | | | | | | | | | | 85.0 | 38,100* | | | | | | | | | | |
| 90.0 | 41,600* | | | | | | | | | | | 90.0 | 37,600* | | | | | | | | | | |
| 95.0 | 41,100* | | | | | | | | | | | 95.0 | 37,100* | | | | | | | | | | |
| 100.0 | 40,600* | 100.0 | 42,000* | | | | | | | | | 100.0 | 36,600* | 100.0 | 39,000* | | | | | | | | |
| 110.0 | 38,400* | 110.0 | 38,800* | | | | | | | | | 110.0 | 35,400* | 110.0 | 37,200* | | | | | | | | |
| 120.0 | 35,300* | 120.0 | 35,800* | | | | | | | | | 120.0 | 33,000* | 120.0 | 34,500* | | | | | | | | |
| 130.0 | 32,500* | 130.0 | 33,100* | 130.0 | 33,400* | | | | | | | 130.0 | 30,400* | 130.0 | 31,800* | | | | | | | | |
| 140.0 | 29,700* | 140.0 | 30,400* | 140.0 | 30,700* | | | | | | | 140.0 | 28,400* | 140.0 | 29,500* | 140.0 | 29,900* | | | | | | |
| 150.0 | 27,100* | 150.0 | 27,900* | 150.0 | 28,400* | | | | | | | 150.0 | 26,600* | 150.0 | 27,500* | 150.0 | 27,700* | | | | | | |
| 160.0 | 24,400* | 160.0 | 25,400* | 160.0 | 26,000* | 160.0 | 24,600 | | | | | 160.0 | 24,800* | 160.0 | 25,400* | 160.0 | 25,600* | 160.0 | 24,400 | | | | |
| 170.0 | 21,900* | 170.0 | 23,000* | 170.0 | 23,900* | 170.0 | 22,600 | | | | | 170.0 | 22,200* | 170.0 | 23,200* | 170.0 | 23,600* | 170.0 | 22,300 | | | | |
| | | 180.0 | 20,900* | 180.0 | 21,600* | 180.0 | 20,600 | | | | | 180.0 | 18,800* | 180.0 | 21,200* | 180.0 | 21,600* | 180.0 | 20,600 | | | | |
| | | 190.0 | 18,700* | 190.0 | 19,600* | 190.0 | 19,200 | 190.0 | 16,500 | | | | | 190.0 | 19,200* | 190.0 | 19,800* | 190.0 | 19,000 | | | | |
| | | | | 200.0 | 17,600* | 200.0 | 17,800 | 200.0 | 15,200 | | | | | 200.0 | 17,200* | 200.0 | 17,900* | 200.0 | 17,600 | 200.0 | 15,000 | | |
| | | | | | | 210.0 | 16,500 | 210.0 | 13,800 | 210.0 | 11,400 | | | | | 210.0 | 16,300* | 210.0 | 16,300 | 210.0 | 13,600 | | |
| | | | | | | 220.0 | 14,800* | 220.0 | 12,800 | 220.0 | 10,400 | | | | | | | 220.0 | 15,100* | 220.0 | 12,600 | 220.0 | 10,200 |
| | | | | | | | | | | 230.0 | 11,800 | 230.0 | 9,600 | | | | | | | 230.0 | 11,600 | 230.0 | 9,400 |
| | | | | | | | | | | 240.0 | 10,900 | 240.0 | 8,700 | | | | | | | 240.0 | 10,700 | 240.0 | 8,500 |
| | | | | | | | | | | | | 250.0 | 8,100 | | | | | | | | 250.0 | 7,800 | |
| | | | | | | | | | | | | | | | | | | | | | 260.0 | 7,200 | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 190' Boom | | | | | | | | | | | | | | 200 ft Jib | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--|--|--|--|
| 190 ft Jib | | | | | | | | | | | | | | 200 ft Jib | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | | | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | | | |
| 75.0 | 35,900* | | | | | | | | | | | 75.0 | 32,600* | | | | | | | | | | | | | | |
| 80.0 | 35,600* | | | | | | | | | | | 80.0 | 32,300* | | | | | | | | | | | | | | |
| 85.0 | 35,200* | | | | | | | | | | | 85.0 | 31,900* | | | | | | | | | | | | | | |
| 90.0 | 34,900* | | | | | | | | | | | 90.0 | 31,600* | | | | | | | | | | | | | | |
| 95.0 | 34,600* | | | | | | | | | | | 95.0 | 31,300* | | | | | | | | | | | | | | |
| 100.0 | 34,100* | | | | | | | | | | | 100.0 | 30,800* | | | | | | | | | | | | | | |
| 110.0 | 32,100* | 110.0 | 33,700* | | | | | | | | | 110.0 | 29,000* | 110.0 | 30,500* | | | | | | | | | | | | |
| 120.0 | 29,800* | 120.0 | 31,000* | | | | | | | | | 120.0 | 26,900* | 120.0 | 28,200* | | | | | | | | | | | | |
| 130.0 | 27,800* | 130.0 | 28,900* | | | | | | | | | 130.0 | 25,100* | 130.0 | 26,000* | | | | | | | | | | | | |
| 140.0 | 25,800* | 140.0 | 26,800* | 140.0 | 27,700* | | | | | | | 140.0 | 23,400* | 140.0 | 24,300* | 140.0 | 25,200* | | | | | | | | | | |
| 150.0 | 24,100* | 150.0 | 25,000* | 150.0 | 25,900* | | | | | | | 150.0 | 21,900* | 150.0 | 22,600* | 150.0 | 23,500* | | | | | | | | | | |
| 160.0 | 22,500* | 160.0 | 23,300* | 160.0 | 24,000* | | | | | | | 160.0 | 20,600* | 160.0 | 21,200* | 160.0 | 21,900* | | | | | | | | | | |
| 170.0 | 20,000* | 170.0 | 21,900* | 170.0 | 22,500* | 170.0 | 21,900 | | | | | 170.0 | 18,000* | 170.0 | 19,900* | 170.0 | 20,300* | | | | | | | | | | |
| 180.0 | 16,400* | 180.0 | 20,500* | 180.0 | 20,600* | 180.0 | 20,200 | | | | | 180.0 | 14,400* | 180.0 | 18,600* | 180.0 | 19,200* | 180.0 | 19,500* | | | | | | | | |
| 190.0 | 13,300* | 190.0 | 18,700* | 190.0 | 19,000* | 190.0 | 18,500 | | | | | 190.0 | 11,100* | 190.0 | 17,600* | 190.0 | 18,100* | 190.0 | 18,100* | | | | | | | | |
| | | 200.0 | 17,100* | 200.0 | 17,500* | 200.0 | 17,200 | 200.0 | 14,500 | | | 200.0 | 8,100* | 200.0 | 16,000* | 200.0 | 16,800* | 200.0 | 16,700* | | | | | | | | |
| | | | | 210.0 | 15,800* | 210.0 | 15,800 | 210.0 | 13,200 | | | | | 210.0 | 12,700* | 210.0 | 15,400* | 210.0 | 15,400* | 210.0 | 12,700 | | | | | | |
| | | | | 220.0 | 14,100* | 220.0 | 14,500* | 220.0 | 12,200 | | | | | 220.0 | 9,100* | 220.0 | 13,900* | 220.0 | 14,000* | 220.0 | 11,700 | | | | | | |
| | | | | | | 230.0 | 13,100* | 230.0 | 11,200 | 230.0 | 8,700 | | | | | 230.0 | 12,500* | 230.0 | 12,700* | 230.0 | 10,700 | 230.0 | 8,500 | | | | |
| | | | | | | 240.0 | 11,600* | 240.0 | 10,300 | 240.0 | 8,100 | | | | | | | 240.0 | 11,300* | 240.0 | 9,900 | 240.0 | 7,600 | | | | |
| | | | | | | | | 250.0 | 9,400 | 250.0 | 7,400 | | | | | | | 250.0 | 10,000* | 250.0 | 9,100 | 250.0 | 7,000 | | | | |
| | | | | | | | | 260.0 | 8,700 | 260.0 | 6,700 | | | | | | | | | 260.0 | 8,300 | 260.0 | 6,300 | | | | |
| | | | | | | | | | | 270.0 | 6,100 | | | | | | | | | | | | | | | | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | | | | |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 200' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|--------|
| 100 ft Jib | | | | | | | | | | | 110 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 46.0 | 77,000* | | | | | | | | | | | 46.0 | 59,500* | | | | | | | | | | |
| 48.0 | 74,700* | | | | | | | | | | | 48.0 | 59,500* | | | | | | | | | | |
| 50.0 | 72,500* | | | | | | | | | | | 50.0 | 59,500* | | | | | | | | | | |
| 55.0 | 67,200* | | | | | | | | | | | 55.0 | 59,500* | | | | | | | | | | |
| 60.0 | 62,400* | | | | | | | | | | | 60.0 | 59,200* | | | | | | | | | | |
| 65.0 | 58,200* | | | | | | | | | | | 65.0 | 57,700* | | | | | | | | | | |
| 70.0 | 54,600* | | | | | | | | | | | 70.0 | 54,400* | | | | | | | | | | |
| 75.0 | 51,300* | 75.0 | 62,400* | | | | | | | | | 75.0 | 51,100* | | | | | | | | | | |
| 80.0 | 48,200* | 80.0 | 58,300* | | | | | | | | | 80.0 | 48,000* | 80.0 | 56,000* | | | | | | | | |
| 85.0 | 45,500* | 85.0 | 54,400* | | | | | | | | | 85.0 | 45,300* | 85.0 | 52,600* | | | | | | | | |
| 90.0 | 43,000* | 90.0 | 51,200* | | | | | | | | | 90.0 | 42,800* | 90.0 | 49,600* | | | | | | | | |
| 95.0 | 40,700* | 95.0 | 48,200* | | | | | | | | | 95.0 | 40,500* | 95.0 | 46,800* | | | | | | | | |
| 100.0 | 38,600* | 100.0 | 45,500* | 100.0 | 53,000 | | | | | | | 100.0 | 38,400* | 100.0 | 44,200* | | | | | | | | |
| 110.0 | 34,700* | 110.0 | 40,600* | 110.0 | 46,900 | | | | | | | 110.0 | 34,700* | 110.0 | 39,600* | 110.0 | 46,500 | | | | | | |
| | | 120.0 | 36,400* | 120.0 | 41,900 | | | | | | | | | 120.0 | 35,700* | 120.0 | 41,600 | | | | | | |
| | | | | 130.0 | 37,900 | 130.0 | 34,300 | | | | | | | 130.0 | 32,300* | 130.0 | 37,400 | 130.0 | 34,100 | | | | |
| | | | | 140.0 | 34,500 | 140.0 | 31,100 | | | | | | | | | 140.0 | 34,100 | 140.0 | 31,000 | | | | |
| | | | | | | 150.0 | 28,400 | 150.0 | 25,500 | | | | | | | 150.0 | 31,100 | 150.0 | 28,400 | | | | |
| | | | | | | 160.0 | 26,000 | 160.0 | 23,300 | | | | | | | | | 160.0 | 26,000 | 160.0 | 22,800 | | |
| | | | | | | | | 170.0 | 21,400 | | | | | | | | | 170.0 | 23,900 | 170.0 | 21,000 | | |
| | | | | | | | | | | 180.0 | 17,200 | | | | | | | | | 180.0 | 19,400 | 180.0 | 17,000 |
| | | | | | | | | | | 190.0 | 15,700 | | | | | | | | | 190.0 | 17,900 | 190.0 | 15,600 |
| | | | | | | | | | | | | | | | | | | | | 200.0 | 14,400 | 200.0 | 14,400 |
| Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 4 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

| 200' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|--------|
| 120 ft Jib | | | | | | | | | | | 130 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 55.0 | 59,500* | | | | | | | | | | | 55.0 | 59,500* | | | | | | | | | | |
| 60.0 | 59,200* | | | | | | | | | | | 60.0 | 59,200* | | | | | | | | | | |
| 65.0 | 57,700* | | | | | | | | | | | 65.0 | 57,500* | | | | | | | | | | |
| 70.0 | 54,200* | | | | | | | | | | | 70.0 | 54,000* | | | | | | | | | | |
| 75.0 | 50,900* | | | | | | | | | | | 75.0 | 50,700* | | | | | | | | | | |
| 80.0 | 48,000* | 80.0 | 55,800* | | | | | | | | | 80.0 | 47,800* | | | | | | | | | | |
| 85.0 | 45,300* | 85.0 | 52,400* | | | | | | | | | 85.0 | 45,100* | | | | | | | | | | |
| 90.0 | 42,800* | 90.0 | 49,400* | | | | | | | | | 90.0 | 42,600* | 90.0 | 49,100* | | | | | | | | |
| 95.0 | 40,500* | 95.0 | 46,500* | | | | | | | | | 95.0 | 40,200* | 95.0 | 46,300* | | | | | | | | |
| 100.0 | 38,300* | 100.0 | 44,000* | | | | | | | | | 100.0 | 38,200* | 100.0 | 43,700* | | | | | | | | |
| 110.0 | 34,600* | 110.0 | 39,600* | 110.0 | 46,200 | | | | | | | 110.0 | 34,500* | 110.0 | 39,400* | | | | | | | | |
| 120.0 | 31,300* | 120.0 | 35,700* | 120.0 | 41,200 | | | | | | | 120.0 | 31,300* | 120.0 | 35,600* | 120.0 | 40,900 | | | | | | |
| 130.0 | 28,500* | 130.0 | 32,300* | 130.0 | 37,200 | | | | | | | 130.0 | 28,500* | 130.0 | 32,300* | 130.0 | 36,800 | | | | | | |
| | | 140.0 | 29,600* | 140.0 | 33,700 | 140.0 | 30,800 | | | | | | | 140.0 | 29,300* | 140.0 | 33,500 | 140.0 | 30,400 | | | | |
| | | | | 150.0 | 30,800 | 150.0 | 28,000 | | | | | | | 150.0 | 26,800* | 150.0 | 30,600 | 150.0 | 27,700 | | | | |
| | | | | 160.0 | 28,200 | 160.0 | 25,700 | 160.0 | 22,600 | | | | | | | 160.0 | 28,000 | 160.0 | 25,400 | | | | |
| | | | | | | 170.0 | 23,700 | 170.0 | 20,600 | | | | | | | 170.0 | 25,700 | 170.0 | 23,400 | 170.0 | 20,300 | | |
| | | | | | | | | 180.0 | 19,100 | | | | | | | | | 180.0 | 21,500 | 180.0 | 18,700 | | |
| | | | | | | | | 190.0 | 17,600 | 190.0 | 15,200 | | | | | | | 190.0 | 20,100 | 190.0 | 17,200 | | |
| | | | | | | | | | | 200.0 | 14,000 | | | | | | | | | 200.0 | 15,800 | 200.0 | 13,500 |
| | | | | | | | | | | | | | | | | | | | | 210.0 | 12,500 | 210.0 | 12,500 |
| | | | | | | | | | | | | | | | | | | | | 220.0 | 11,500 | 220.0 | 11,500 |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

Refer to notes on page 55 to 56.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 200' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 140 ft Jib | | | | | | | | | | | | 150 ft Jib | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) |
| 60.0 | 57,000* | | | | | | | | | | | 60.0 | 51,900* | | | | | | | | | | |
| 65.0 | 56,600* | | | | | | | | | | | 65.0 | 51,400* | | | | | | | | | | |
| 70.0 | 53,800* | | | | | | | | | | | 70.0 | 50,900* | | | | | | | | | | |
| 75.0 | 50,700* | | | | | | | | | | | 75.0 | 49,500* | | | | | | | | | | |
| 80.0 | 47,700* | | | | | | | | | | | 80.0 | 47,300* | | | | | | | | | | |
| 85.0 | 44,900* | | | | | | | | | | | 85.0 | 44,600* | | | | | | | | | | |
| 90.0 | 42,500* | 90.0 | 49,100* | | | | | | | | | 90.0 | 42,300* | | | | | | | | | | |
| 95.0 | 40,200* | 95.0 | 46,300* | | | | | | | | | 95.0 | 40,000* | 95.0 | 46,000* | | | | | | | | |
| 100.0 | 38,200* | 100.0 | 43,700* | | | | | | | | | 100.0 | 37,900* | 100.0 | 43,500* | | | | | | | | |
| 110.0 | 34,500* | 110.0 | 39,400* | | | | | | | | | 110.0 | 34,300* | 110.0 | 39,200* | | | | | | | | |
| 120.0 | 31,300* | 120.0 | 35,500* | 120.0 | 40,800 | | | | | | | 120.0 | 31,100* | 120.0 | 35,200* | 120.0 | 40,400 | | | | | | |
| 130.0 | 28,500* | 130.0 | 32,300* | 130.0 | 36,800 | | | | | | | 130.0 | 28,300* | 130.0 | 32,100* | 130.0 | 36,300 | | | | | | |
| 140.0 | 26,100* | 140.0 | 29,400* | 140.0 | 33,200 | | | | | | | 140.0 | 25,900* | 140.0 | 29,200* | 140.0 | 32,800 | | | | | | |
| 150.0 | 23,800* | 150.0 | 26,900* | 150.0 | 30,400 | 150.0 | 27,500 | | | | | 150.0 | 23,700* | 150.0 | 26,800* | 150.0 | 30,000 | | | | | | |
| | | 160.0 | 24,700* | 160.0 | 27,800 | 160.0 | 25,200 | | | | | | | 160.0 | 24,600* | 160.0 | 27,600 | 160.0 | 24,800 | | | | |
| | | | | 170.0 | 25,600 | 170.0 | 23,200 | | | | | | | 170.0 | 22,600* | 170.0 | 25,200 | 170.0 | 22,800 | | | | |
| | | | | 180.0 | 23,600 | 180.0 | 21,500 | 180.0 | 18,400 | | | | | | | 180.0 | 23,400 | 180.0 | 21,100 | 180.0 | 17,900 | | |
| | | | | | | 190.0 | 19,800 | 190.0 | 17,000 | | | | | | | | | 190.0 | 19,400 | 190.0 | 16,300 | | |
| | | | | | | | | 200.0 | 15,600 | 200.0 | 13,300 | | | | | | | 200.0 | 18,000 | 200.0 | 15,100 | | |
| | | | | | | | | 210.0 | 14,300 | 210.0 | 12,300 | | | | | | | | | 210.0 | 13,800 | 210.0 | 11,600 |
| | | | | | | | | | | 220.0 | 11,300 | | | | | | | | | 220.0 | 12,800 | 220.0 | 10,700 |
| | | | | | | | | | | | | | | | | | | | | | 230.0 | 9,800 | |
| | | | | | | | | | | | | | | | | | | | | | 240.0 | 9,200 | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

| 200' Boom | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------|
| 160 ft Jib | | | | | | | | | | | | 170 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | |
| 70.0 | 46,200* | | | | | | | | | | | 70.0 | 42,300* | | | | | | | | | | | |
| 75.0 | 45,700* | | | | | | | | | | | 75.0 | 41,800* | | | | | | | | | | | |
| 80.0 | 45,000* | | | | | | | | | | | 80.0 | 41,300* | | | | | | | | | | | |
| 85.0 | 43,500* | | | | | | | | | | | 85.0 | 40,800* | | | | | | | | | | | |
| 90.0 | 41,200* | | | | | | | | | | | 90.0 | 39,200* | | | | | | | | | | | |
| 95.0 | 39,000* | 95.0 | 45,400* | | | | | | | | | 95.0 | 37,400* | | | | | | | | | | | |
| 100.0 | 37,100* | 100.0 | 43,300* | | | | | | | | | 100.0 | 35,600* | 100.0 | 40,400* | | | | | | | | | |
| 110.0 | 33,500* | 110.0 | 38,900* | | | | | | | | | 110.0 | 32,400* | 110.0 | 36,700* | | | | | | | | | |
| 120.0 | 30,500* | 120.0 | 35,000* | | | | | | | | | 120.0 | 29,500* | 120.0 | 33,300* | | | | | | | | | |
| 130.0 | 27,800* | 130.0 | 31,800* | 130.0 | 36,400 | | | | | | | 130.0 | 27,100* | 130.0 | 30,300* | 130.0 | 32,900* | | | | | | | |
| 140.0 | 25,700* | 140.0 | 29,100* | 140.0 | 33,000 | | | | | | | 140.0 | 25,100* | 140.0 | 27,900* | 140.0 | 30,300* | | | | | | | |
| 150.0 | 23,500* | 150.0 | 26,600* | 150.0 | 30,200 | | | | | | | 150.0 | 23,100* | 150.0 | 25,500* | 150.0 | 27,900* | | | | | | | |
| 160.0 | 21,600* | 160.0 | 24,400* | 160.0 | 27,600 | 160.0 | 24,500 | | | | | 160.0 | 21,300* | 160.0 | 23,500* | 160.0 | 25,700* | 160.0 | 23,800 | | | | | |
| | | 170.0 | 22,300* | 170.0 | 25,200 | 170.0 | 22,500 | | | | | 170.0 | 20,100* | 170.0 | 21,700* | 170.0 | 23,500* | 170.0 | 21,900 | | | | | |
| | | 180.0 | 20,600* | 180.0 | 23,200* | 180.0 | 20,700 | | | | | | | 180.0 | 18,500* | 180.0 | 21,400* | 180.0 | 20,000 | | | | | |
| | | | | 190.0 | 21,400* | 190.0 | 19,200 | 190.0 | 16,500 | | | | | 190.0 | | 190.0 | 19,400* | 190.0 | 18,500 | 190.0 | 15,600 | | | |
| | | | | 200.0 | 19,700* | 200.0 | 17,800 | 200.0 | 15,200 | | | | | | | 200.0 | 17,500* | 200.0 | 17,200 | 200.0 | 14,300 | | | |
| | | | | | | 210.0 | 16,500 | 210.0 | 13,800 | 210.0 | 11,200 | | | | | | | 210.0 | 15,800 | 210.0 | 13,000 | | | |
| | | | | | | | | 220.0 | 12,800 | 220.0 | 10,400 | | | | | | | 220.0 | 14,600 | 220.0 | 11,900 | 220.0 | 9,400 | |
| | | | | | | | | 230.0 | 11,800 | 230.0 | 9,400 | | | | | | | | | 230.0 | 11,000 | 230.0 | 8,500 | |
| | | | | | | | | | | 240.0 | 8,700 | | | | | | | | | | 240.0 | 10,200 | 240.0 | 7,900 |
| | | | | | | | | | | | | | | | | | | | | | | 250.0 | 7,200 | |
| | | | | | | | | | | | | | | | | | | | | | | 260.0 | 6,500 | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | |

Refer to notes on page 55 to 56.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 200,650 lbs Carbody weights : 60,240 lbs

| 200' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|-------|
| 180 ft Jib | | | | | | | | | | | 190 ft Jib | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | Boom Angle (deg.) | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | 88 | | 83 | | 78 | | 73 | | 68 | | 63 | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | |
| 70.0 | 38,500* | | | | | | | | | | | | | | | | | | | | | | |
| 75.0 | 38,000* | | | | | | | | | | | 75.0 | 34,800* | | | | | | | | | | |
| 80.0 | 37,500* | | | | | | | | | | | 80.0 | 34,500* | | | | | | | | | | |
| 85.0 | 37,000* | | | | | | | | | | | 85.0 | 34,100* | | | | | | | | | | |
| 90.0 | 36,500* | | | | | | | | | | | 90.0 | 33,800* | | | | | | | | | | |
| 95.0 | 35,600* | | | | | | | | | | | 95.0 | 33,500* | | | | | | | | | | |
| 100.0 | 34,300* | 100.0 | 37,700* | | | | | | | | | 100.0 | 32,800* | | | | | | | | | | |
| 110.0 | 31,200* | 110.0 | 34,600* | | | | | | | | | 110.0 | 30,100* | 110.0 | 32,600* | | | | | | | | |
| 120.0 | 28,700* | 120.0 | 31,600* | | | | | | | | | 120.0 | 27,800* | 120.0 | 29,700* | | | | | | | | |
| 130.0 | 26,500* | 130.0 | 28,900* | | | | | | | | | 130.0 | 25,600* | 130.0 | 27,500* | | | | | | | | |
| 140.0 | 24,500* | 140.0 | 26,600* | 140.0 | 29,000* | | | | | | | 140.0 | 23,800* | 140.0 | 25,300* | 140.0 | 27,700* | | | | | | |
| 150.0 | 22,600* | 150.0 | 24,600* | 150.0 | 26,800* | | | | | | | 150.0 | 22,200* | 150.0 | 23,700* | 150.0 | 25,700* | | | | | | |
| 160.0 | 21,000* | 160.0 | 22,700* | 160.0 | 24,800* | | | | | | | 160.0 | 20,600* | 160.0 | 21,900* | 160.0 | 23,900* | | | | | | |
| 170.0 | 19,700* | 170.0 | 21,000* | 170.0 | 22,800* | 170.0 | 21,700 | | | | | 170.0 | 18,000* | 170.0 | 20,300* | 170.0 | 22,100* | | | | | | |
| 180.0 | 17,000* | 180.0 | 19,600* | 180.0 | 21,000* | 180.0 | 20,000 | | | | | 180.0 | 14,700* | 180.0 | 19,200* | 180.0 | 20,400* | 180.0 | 19,500 | | | | |
| | | 190.0 | 18,300* | 190.0 | 19,200* | 190.0 | 18,300 | | | | | 190.0 | 11,700* | 190.0 | 18,100* | 190.0 | 18,700* | 190.0 | 17,900 | | | | |
| | | 200.0 | 16,200* | 200.0 | 17,300* | 200.0 | 16,900 | 200.0 | 14,100 | | | | | 200.0 | 15,400* | 200.0 | 17,100* | 200.0 | 16,500 | 200.0 | 13,500 | | |
| | | | | 210.0 | 15,600* | 210.0 | 15,600 | 210.0 | 12,700 | | | | | 210.0 | 12,500* | 210.0 | 15,600* | 210.0 | 15,200 | 210.0 | 12,300 | | |
| | | | | 220.0 | 14,200* | 220.0 | 14,500 | 220.0 | 11,700 | | | | | | | 220.0 | 13,900* | 220.0 | 14,000 | 220.0 | 11,300 | | |
| | | | | | | 230.0 | 13,300* | 230.0 | 10,700 | 230.0 | 8,300 | | | | | | | 230.0 | 12,700* | 230.0 | 10,300 | 230.0 | 7,900 |
| | | | | | | | | 240.0 | 9,900 | 240.0 | 7,600 | | | | | | | 240.0 | 11,300* | 240.0 | 9,500 | 240.0 | 7,200 |
| | | | | | | | | 250.0 | 9,200 | 250.0 | 7,000 | | | | | | | | | 250.0 | 8,700 | 250.0 | 6,300 |
| | | | | | | | | | | 260.0 | 6,300 | | | | | | | | | | 260.0 | 8,100 | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 |

| 200' Boom | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| 200 ft Jib | | | | | | | | | | | | | | | | | | | | | | | |
| Boom Angle (deg.) | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | 83 | | 78 | | 73 | | 68 | | 63 | | | | | | | | | | | | | |
| Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | Load Radius (ft) | Rated Load (lbs) | | | | | | | | | | | | |
| 75.0 | 31,700* | | | | | | | | | | | | | | | | | | | | | | |
| 80.0 | 31,400* | | | | | | | | | | | | | | | | | | | | | | |
| 85.0 | 31,100* | | | | | | | | | | | | | | | | | | | | | | |
| 90.0 | 30,700* | | | | | | | | | | | | | | | | | | | | | | |
| 95.0 | 30,400* | | | | | | | | | | | | | | | | | | | | | | |
| 100.0 | 30,000* | | | | | | | | | | | | | | | | | | | | | | |
| 110.0 | 28,900* | 110.0 | 30,200* | | | | | | | | | | | | | | | | | | | | |
| 120.0 | 26,700* | 120.0 | 28,000* | | | | | | | | | | | | | | | | | | | | |
| 130.0 | 24,900* | 130.0 | 26,000* | | | | | | | | | | | | | | | | | | | | |
| 140.0 | 23,200* | 140.0 | 24,100* | 140.0 | 25,100* | | | | | | | | | | | | | | | | | | |
| 150.0 | 21,700* | 150.0 | 22,600* | 150.0 | 23,300* | | | | | | | | | | | | | | | | | | |
| 160.0 | 19,800* | 160.0 | 21,000* | 160.0 | 21,700* | | | | | | | | | | | | | | | | | | |
| 170.0 | 16,300* | 170.0 | 19,700* | 170.0 | 20,300* | | | | | | | | | | | | | | | | | | |
| 180.0 | 12,900* | 180.0 | 18,600* | 180.0 | 19,000* | 180.0 | 19,100 | | | | | | | | | | | | | | | | |
| 190.0 | 9,700* | 190.0 | 17,400* | 190.0 | 17,800* | 190.0 | 17,600 | | | | | | | | | | | | | | | | |
| 200.0 | 6,900* | 200.0 | 14,800* | 200.0 | 16,500* | 200.0 | 16,100 | | | | | | | | | | | | | | | | |
| | | 210.0 | 11,400* | 210.0 | 14,900* | 210.0 | 14,700 | 210.0 | 11,900 | | | | | | | | | | | | | | |
| | | 220.0 | 8,000* | 220.0 | 13,600* | 220.0 | 13,600 | 220.0 | 10,800 | | | | | | | | | | | | | | |
| | | | | 230.0 | 12,200* | 230.0 | 12,200* | 230.0 | 10,100 | | | | | | | | | | | | | | |
| | | | | 240.0 | 9,100* | 240.0 | 10,900* | 240.0 | 9,000 | | | | | | | | | | | | | | |
| | | | | | | 250.0 | 9,800* | 250.0 | 8,300 | | | | | | | | | | | | | | |
| | | | | | | | | 260.0 | 7,600 | | | | | | | | | | | | | | |
| Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | Reeves | 2 | | | | | | | | | | | | | | |

Refer to notes on page 55 to 56.



Note : This catalog may contain photographs of machines with specifications, attachments and optional equipment not certified for operation in your country. Please consult KOBELCO for those items you may require. Due to our policy of continual product improvements all designs and specifications are subject to change without advance notice.

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