

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



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)* ¹
<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)

No. of cylinders

6

Bore X stroke

120 mm x 145 mm

Cycles

4

Total displacement

600 cu.in. (9.839 L)

Rated output SAE GROSS

362 HP / 2,000 rpm (270 kW / 2,000 min⁻¹)*

* Engine speed is set at 1,850 rpm in power mode.

Maximum torque

1,058 lbs-ft / 1,500 rpm (1,435 Nm / 1,500 min⁻¹)

Starter

24 Volts / 5.5 kW

Alternator

24 Volts / 90 Amp

Batteries

Two 12 volt, 136 AH/5 HR capacity series connected.

Radiator

Corrugated type core, thermostatically controlled, with cleanout screen.

Throttle

Twist grip type hand throttle, electrically controlled, in conjunction with floor mounted pedal.

Air cleaner

Dry type with replaceable paper element.

Fuel tank capacity

106 US gal. (400 L)

Lube oil filters

Full flow and by-pass type with element cartridge type.

Fuel filter

Replaceable cartridge element.



*¹ 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 (263.2 L/min x 2)

Boom hoist

1 piston pump, max flow rate
89.4 US gal/min (338.5 L/min)

Swing

1 piston pump, max flow rate
89.4 US gal/min (338.5 L/min)

Control system and auxiliary

2 gear pumps, max flow rate
16.5 US gal/min + 10.8 US gal (62.5 L/min + 41.2 L/min)

Brake cooling system

2 gear pumps, max flow rate
19.7 US gal/min x 2 (74.7 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 1,679' (511.8 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 1,679' (511.8 m) storage length.

Third drum (optional) -

462 mm P.C.D. x 520 mm Lg., grooved for 22 mm wire rope. Rope capacity is 869' (265 m) working length and 912' (277.9 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

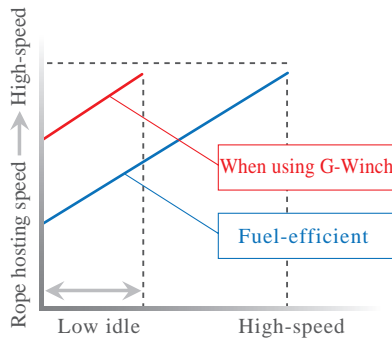
The AIS mode can conserve fuel by stopping the engine, with an operator prompt, after 10 seconds of idling time. Restarting the engine is simple by just twisting the throttle.



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

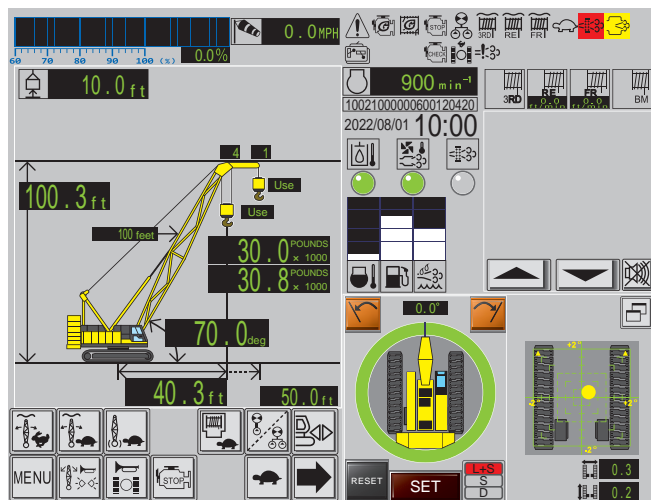
This machine is equipped with the SCR system. The SCR system is used to reduce emission of NOx (nitrogen oxide) from the engine. The SCR system decomposes NOx contained in exhaust gas into water and nitrogen by spraying DEF/AdBlue® into the muffler. This means that the exhaust gas from the diesel engine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

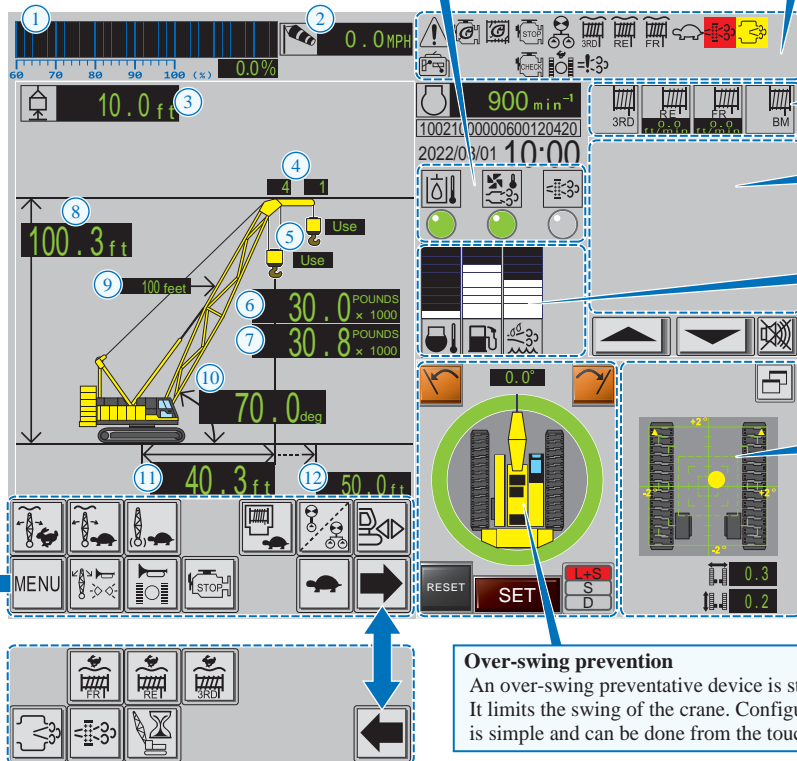


Hydraulic oil temperature lamp
Exhaust system cooling call lamp
SCR Refresh Error Lamp

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
- SCR refresh cancel state lamp
- Refresh cancel state lamp
- Remote control connection lamp
- Engine system error lamp
- Travel speed lamp
- SCR system error lamp

- Moment ratio indicator
- Wind speed indicator
- Hook height
- Front & Rear No. of part line
- Main & Aux. hook type
- Actual load
- Rated load
- Point height
- Boom length
- Boom angle
- Working radius
- 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)

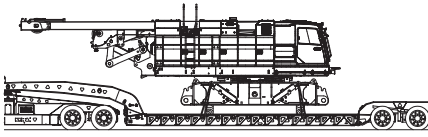
		Line speed (ft / min)							
		Layer	1	2	3	4	5	6	7
Line Pull (lbf)	0	177	192	206	220	235			
	5,000	178	192	206	220	234			
	10,000	176	189	203	217	231			
	15,000	174	187	201	214	227	storage only	storage only	
	20,000	172	185	198	198	191			
	25,000	158	152	153	154	153			
	30,000	128	128	126					
	35,000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

Wire Rope Specifications

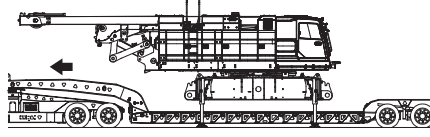
Use	Construction	No load diameter	Length	Safety factor	Breaking strength
Front drum	U3 × SeS (48) Right-hand Regular lay	1.050" to 1.065" (26.68mm to 27.04mm)	1,509ft (460m)	3.5 : 1	135,110 lbf (601 kN)
Rear drum	U3 × SeS (48) Right-hand Regular lay	1.050" to 1.065" (26.68mm to 27.04mm)	1,280ft (390m)	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

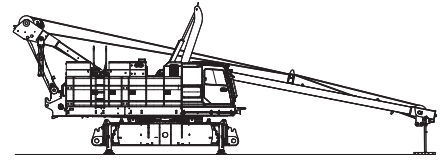
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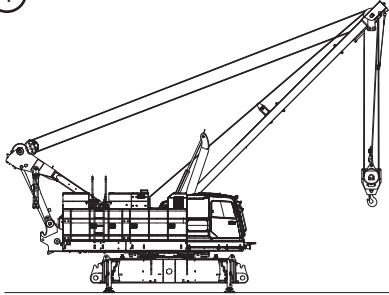
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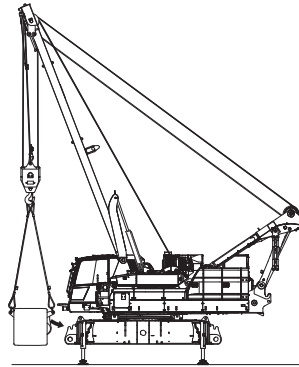
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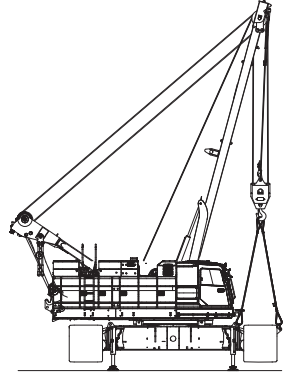
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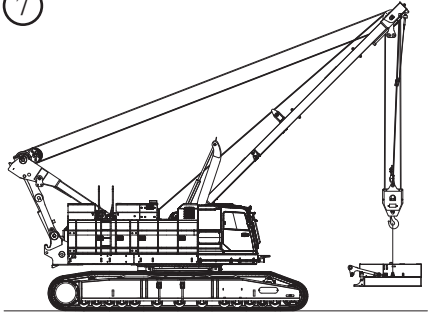
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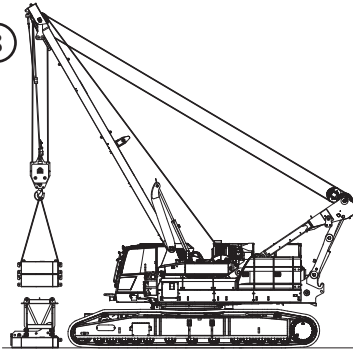
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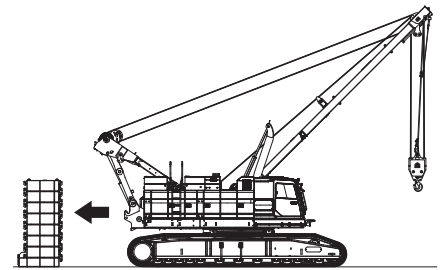
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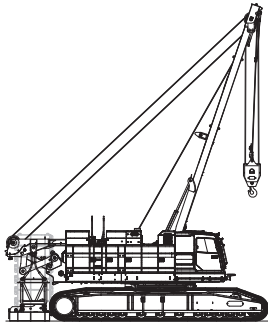
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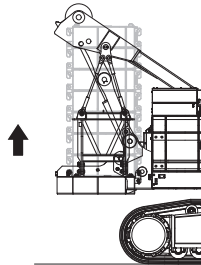
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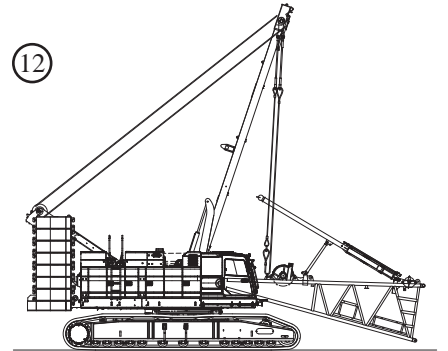
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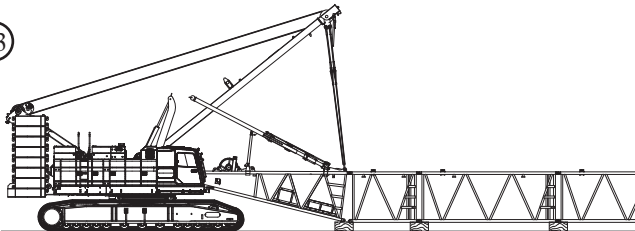
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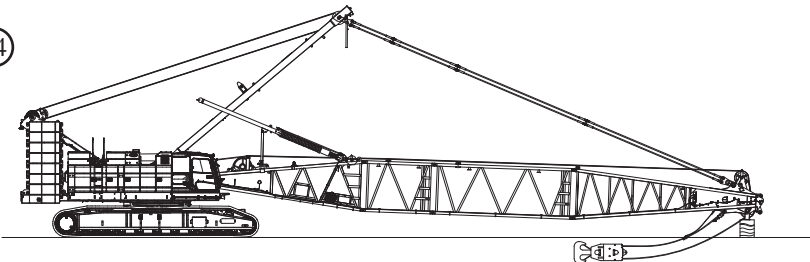
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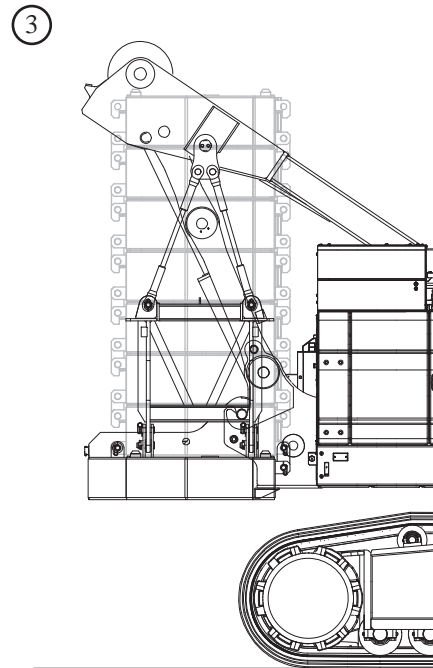
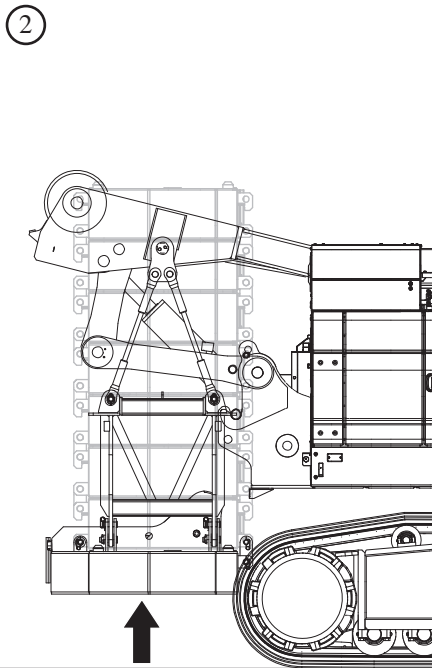
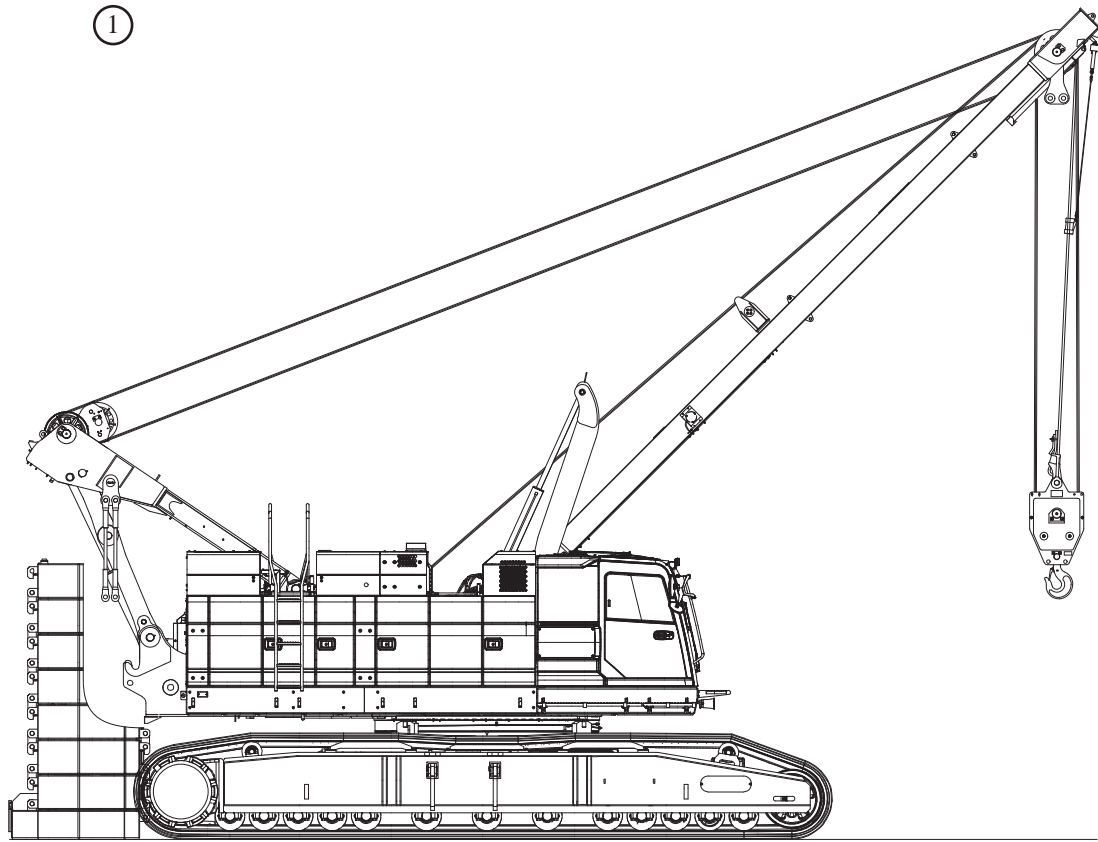
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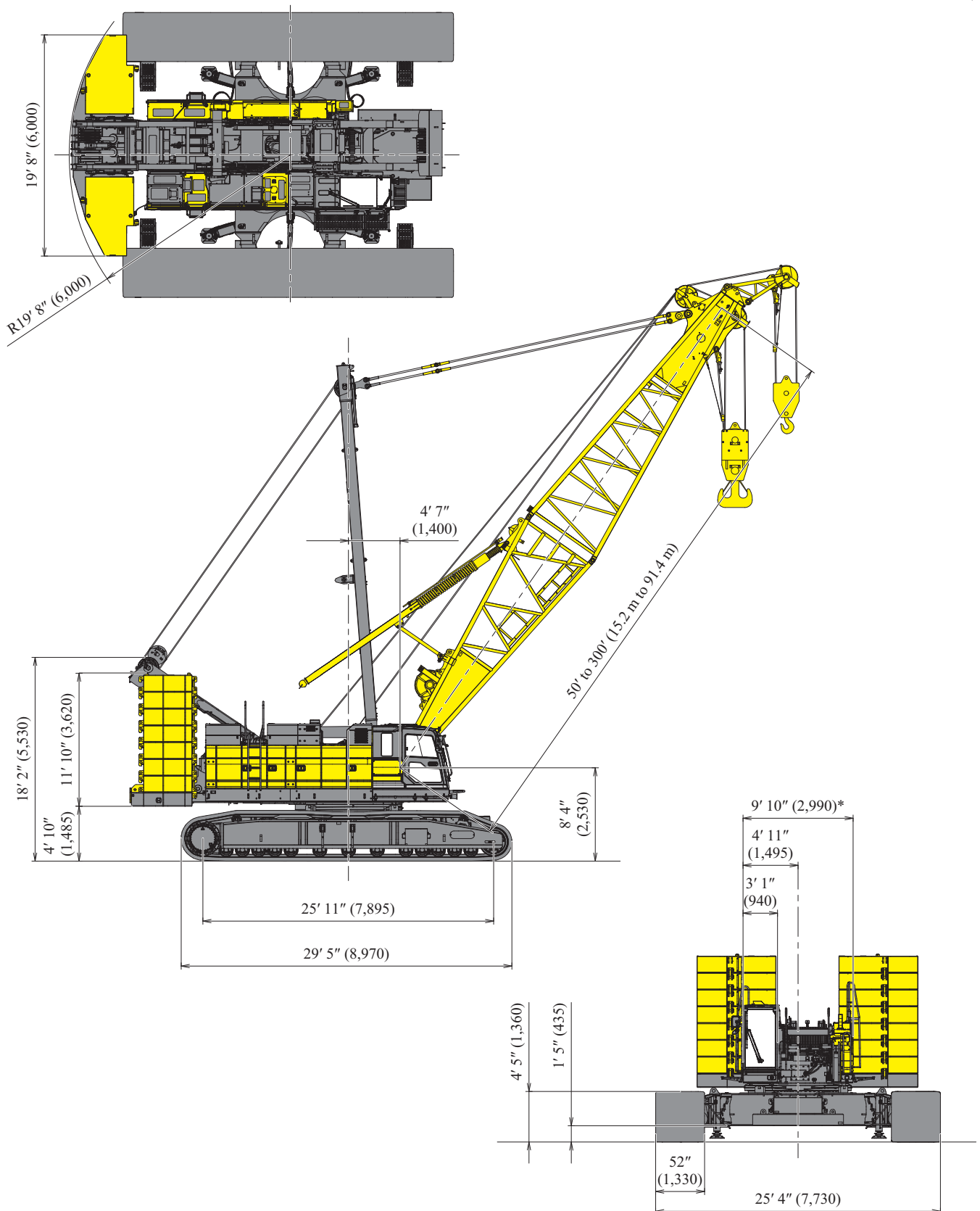


CK2750G-3 COUNTERWEIGHT SELF REMOVAL DEVICE



Crane Boom

Unit : ft (mm)

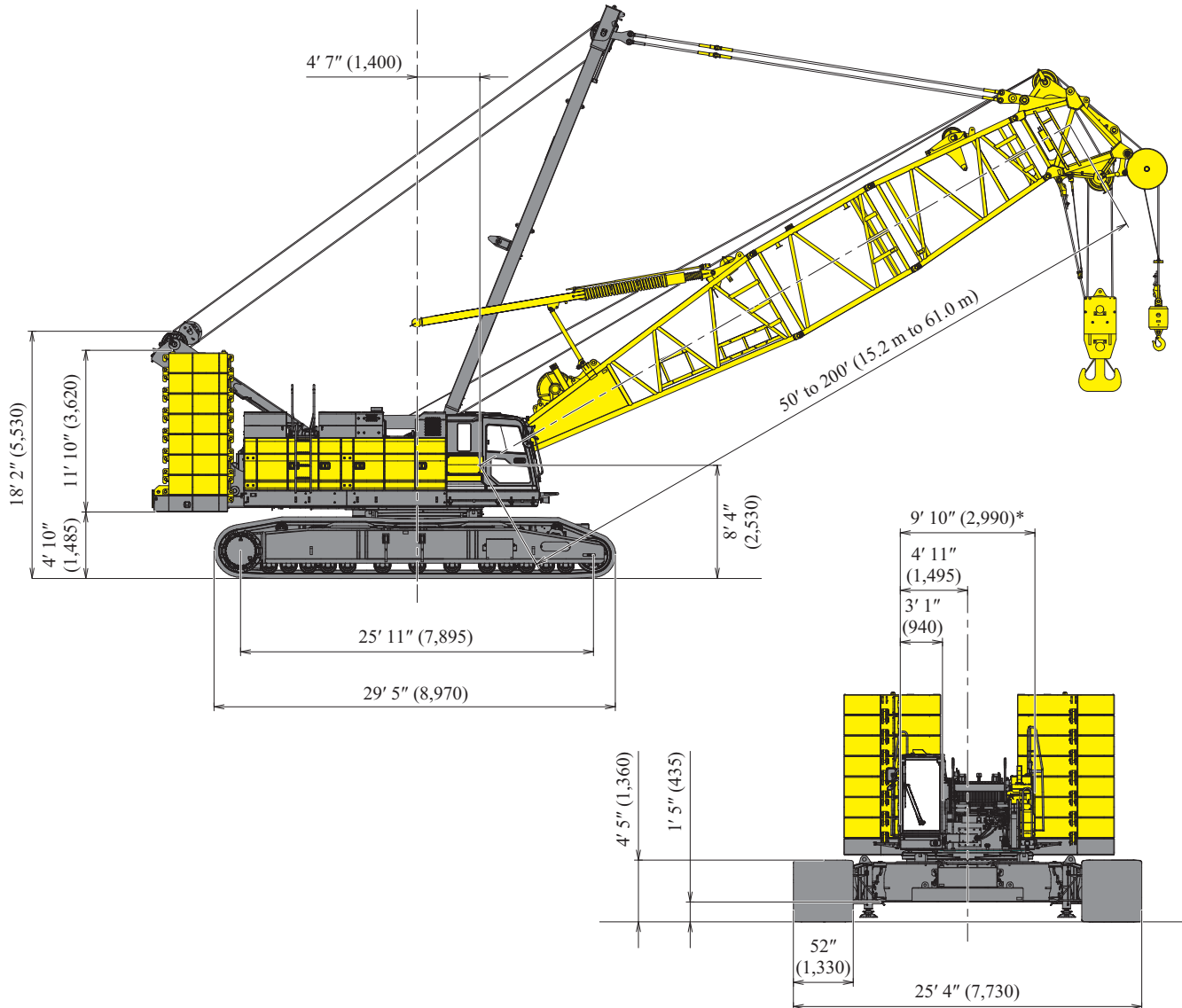
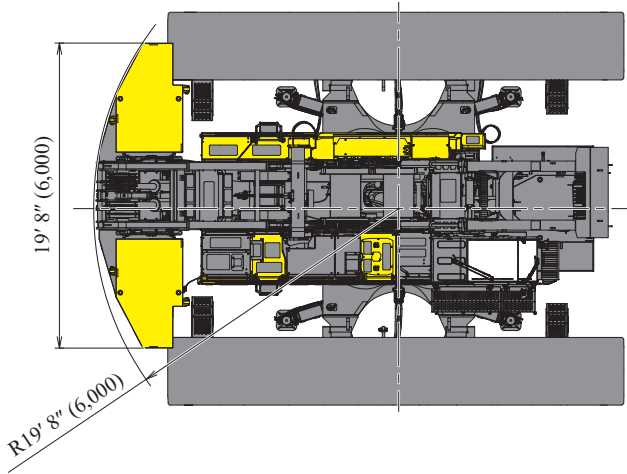


* 10' 5" wide with step on cab side only.
11' wide with step on both sides.

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.

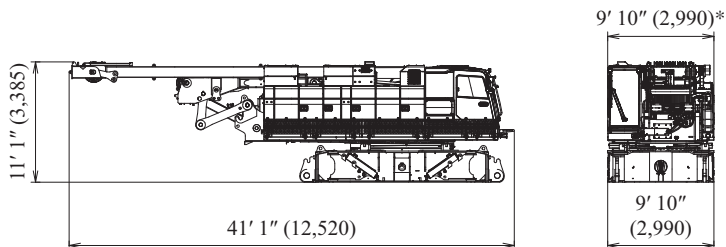
CK2750G-3 CRANE - DIMENSIONS & WEIGHT

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.....○



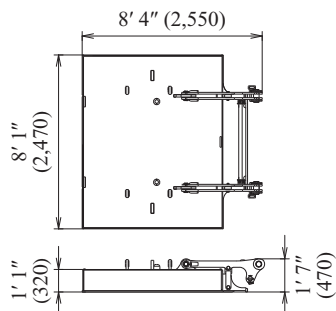
○ : With
× : Without

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

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

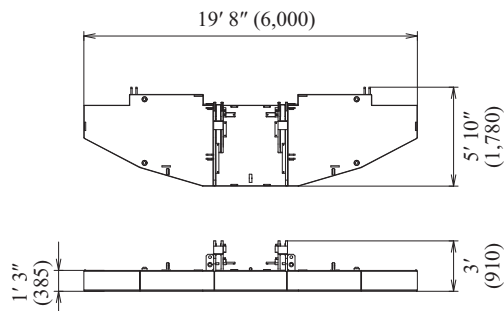
Carbody Weight (Base) (with link)

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



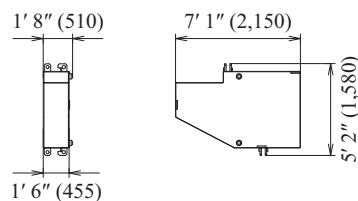
Counterweight Base (with hanger)

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



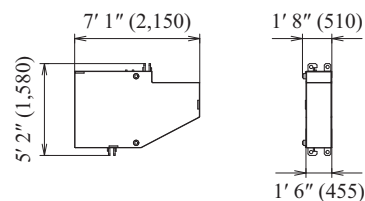
Left Side Counterweight

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

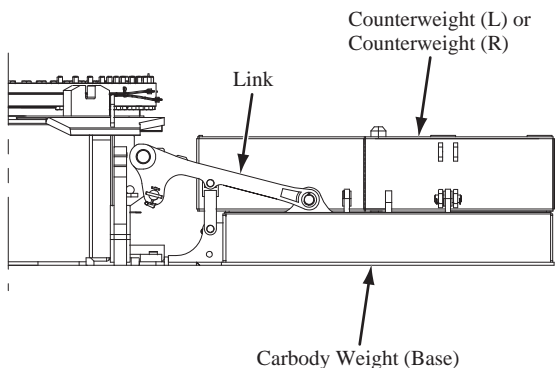


Right Side Counterweight

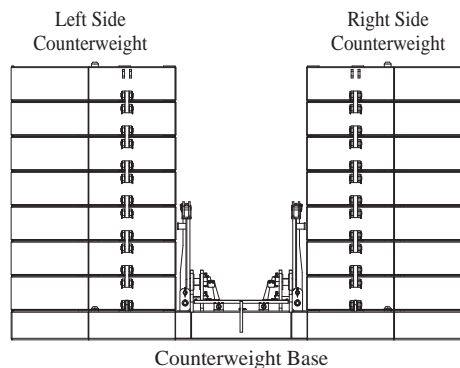
Weight: 11,885 lbs (5,390 kg)



Carbody Weight Assembly



Counterweight Assembly

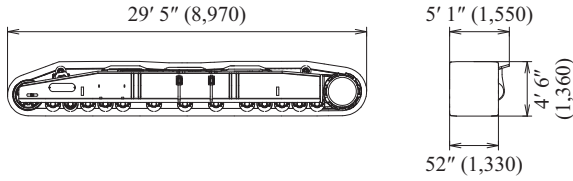


CK2750G-3 CRANE - DIMENSIONS & WEIGHT

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

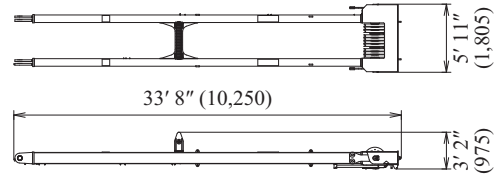
Crawler

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



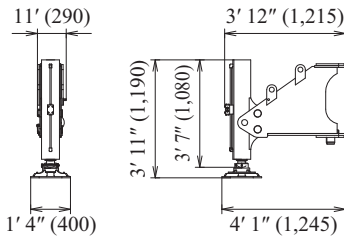
Mast

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



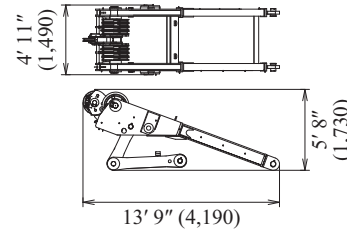
Translifter

Weight: 860 lbs (390 kg)



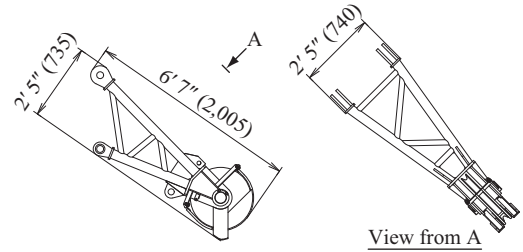
Gantry

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



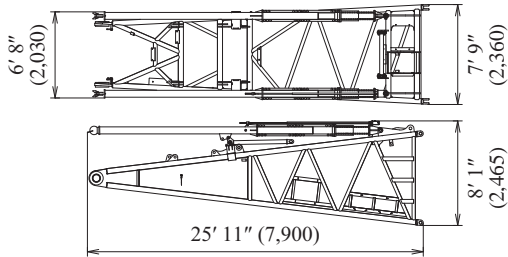
Auxiliary Sheave

Weight: 610 lbs (290 kg)



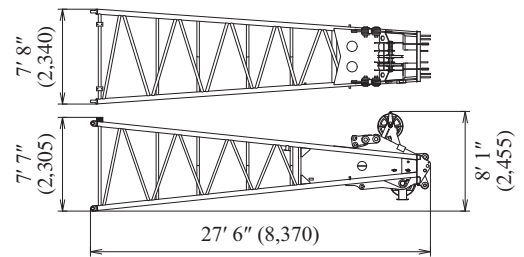
Boom Base (with backstop)

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



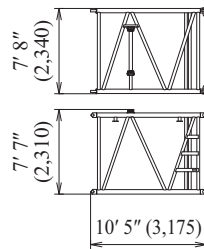
Boom Tip

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



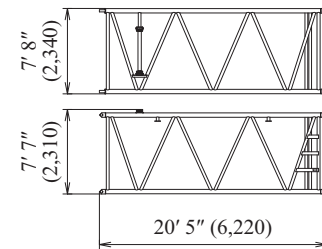
10 ft (3.0 m) Boom Insert (with guy line)

Weight: 1,965 lbs (890 kg)



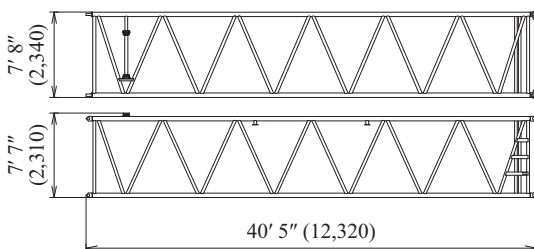
20 ft (6.1 m) Boom Insert (with guy line)

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



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

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

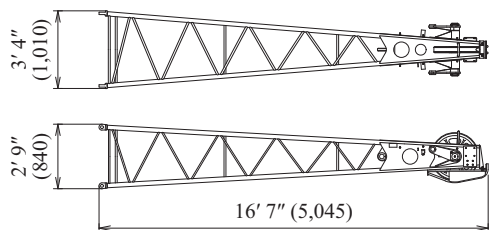


CK2750G-3 CRANE - DIMENSIONS & WEIGHT

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

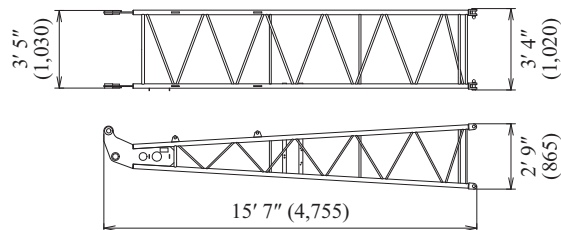
Fixed Jib Tip

Weight: 720 lbs (325 kg)



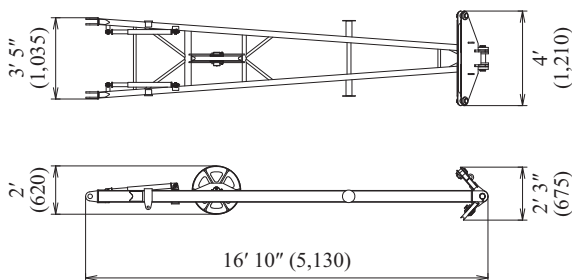
Fixed Jib Base

Weight: 465 lbs (210 kg)



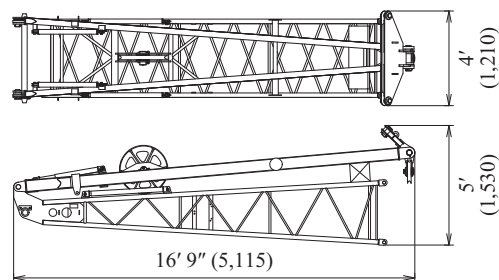
Fixed Jib Strut

Weight: 805 lbs (365 kg)



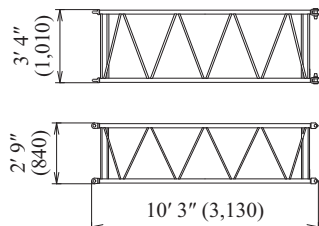
Fixed Jib Base and Strut

Weight: 1,270 lbs (575 kg)



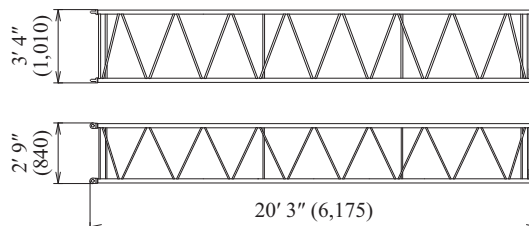
10 ft (3.0 m) Fixed Jib Insert

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	53,230	53,230	34,105	43,575	40,395	41,675	42,285	42,986	41,255	31,850
			(46,030)	(24,145)	(24,145)	(15,470)	(19,760)	(17,911)	(18,900)	(19,190)	(19,265)	(18,710)	(14,445)

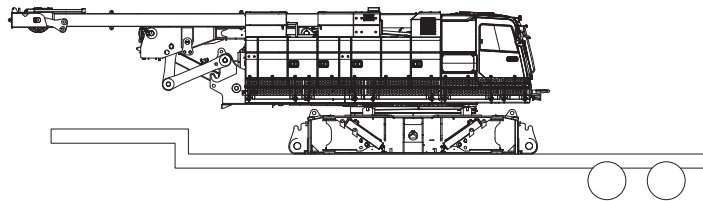
* Third drum is not included. Add 5,100 lbs to boom base if third drum is installed.

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

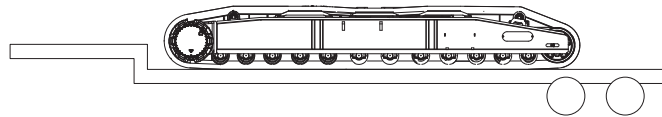
This may vary depending on truck/trailer weight, style of trailer and state law.

* Add 2,030 lbs with Free Fall.

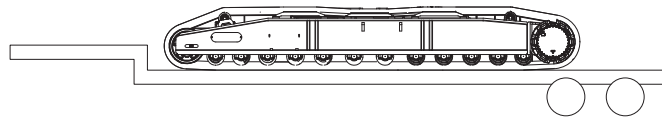
Trailer #1



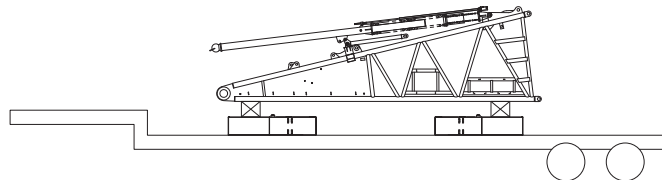
Trailer #2



Trailer #3

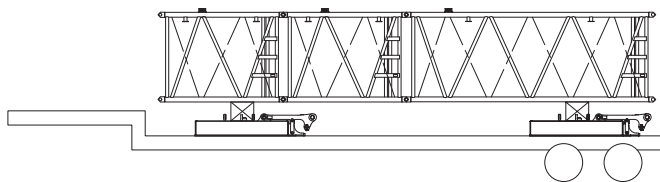


Trailer #4

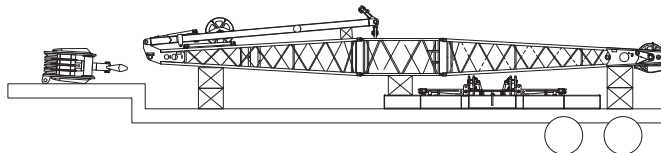


Refer to pages 13-15

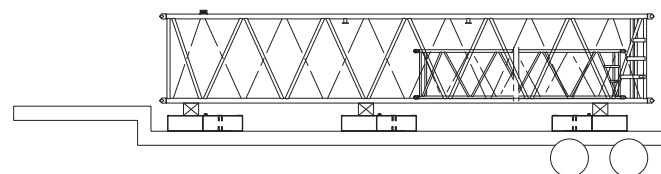
Trailer #5



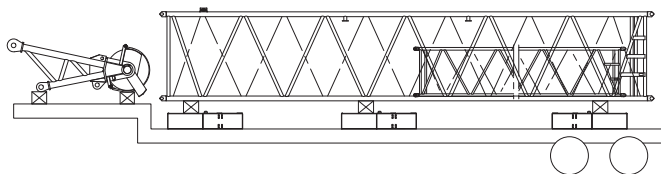
Trailer #6



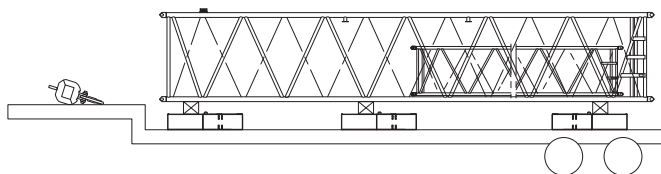
Trailer #7



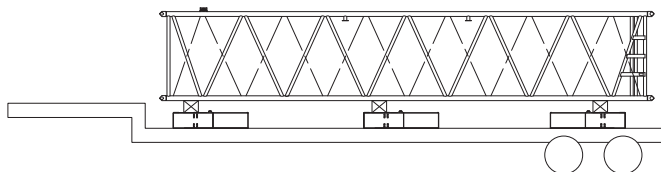
Trailer #8



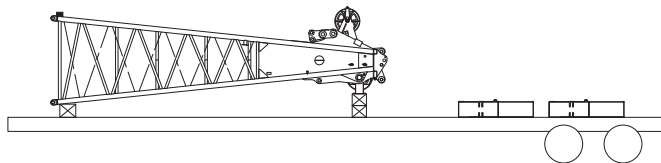
Trailer #9



Trailer #10

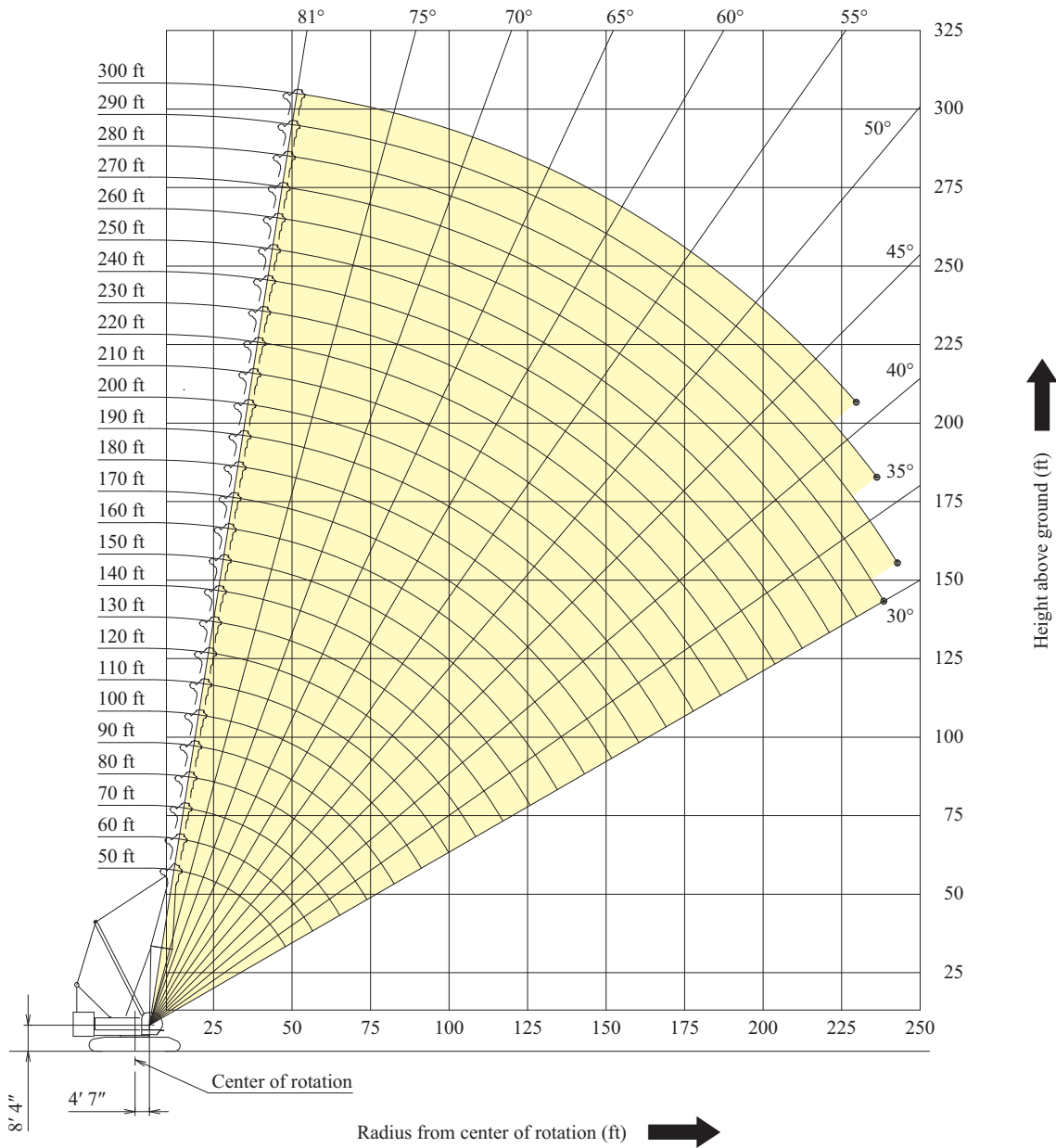


Trailer #11

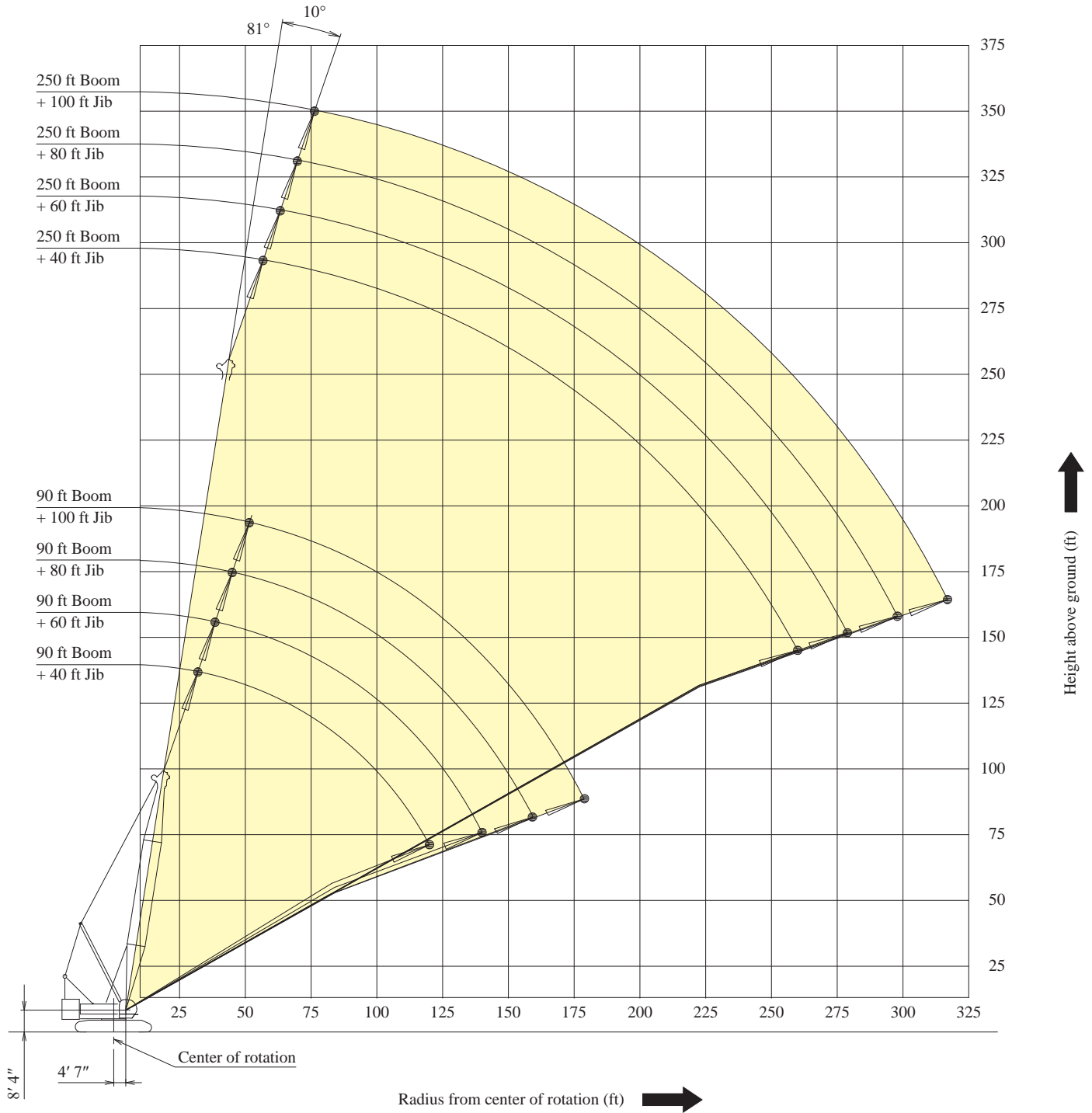


CK2750G-3 CRANE - WORKING RANGES

Main Boom

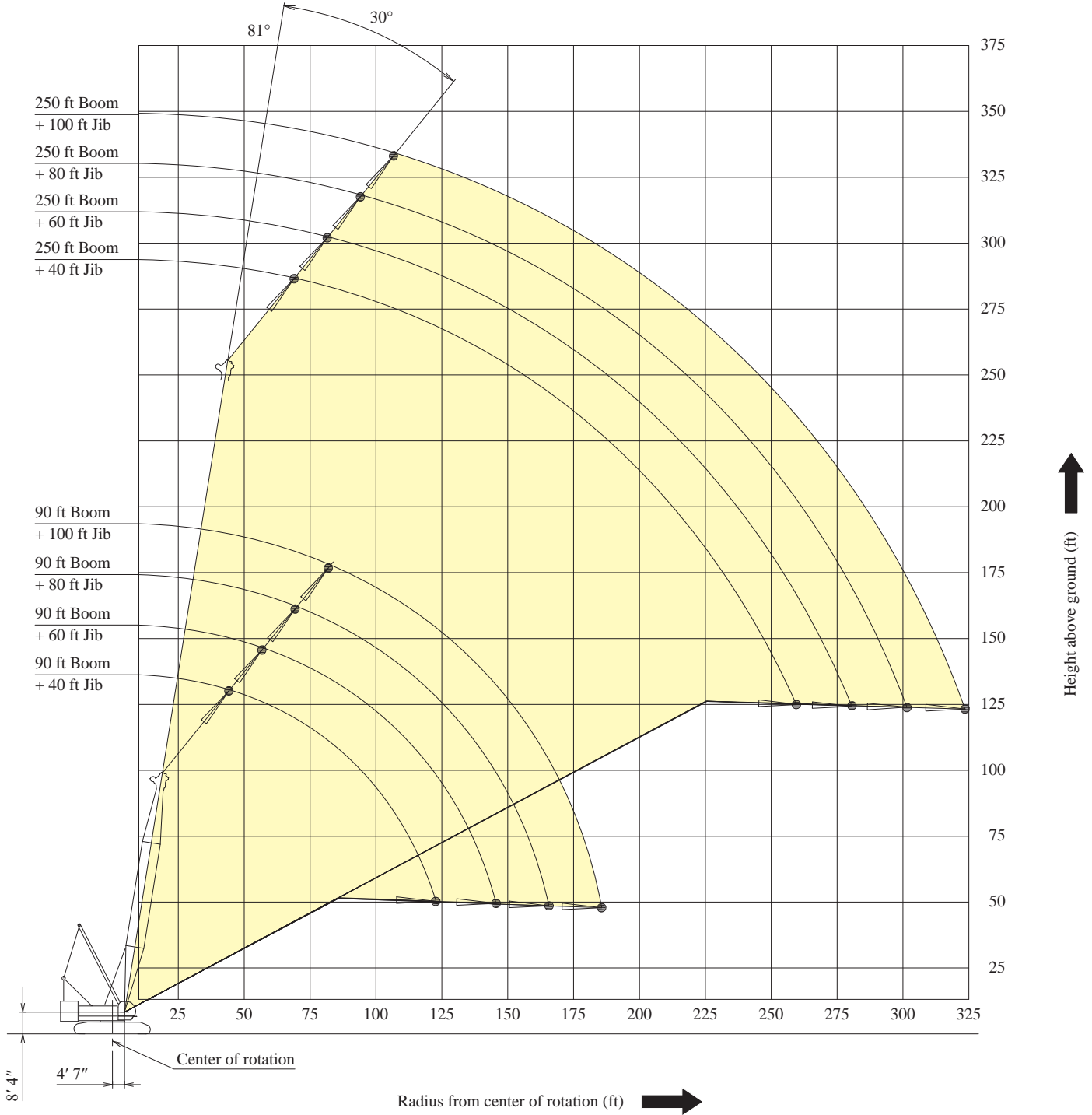


Fixed Jib 10°


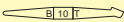
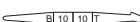
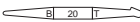
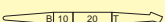
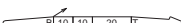

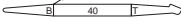
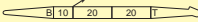
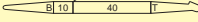
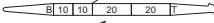

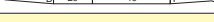
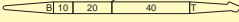
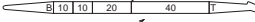

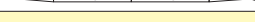
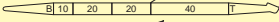
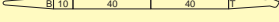
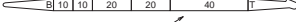
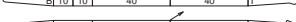
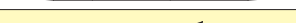
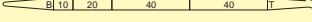
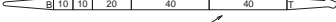
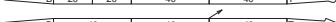




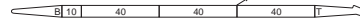
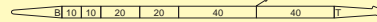
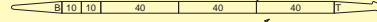
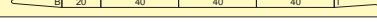
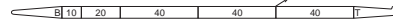
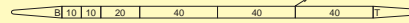
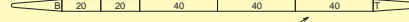
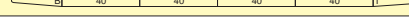
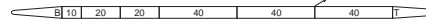
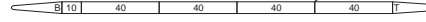
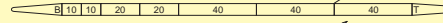
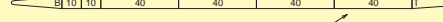
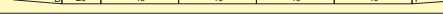
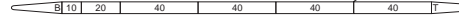
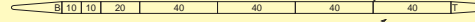
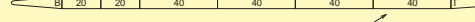



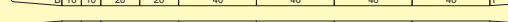
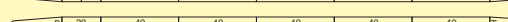
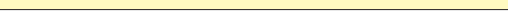

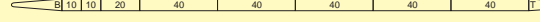
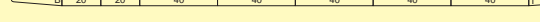

CK2750G-3 CRANE - WORKING RANGES






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)	※

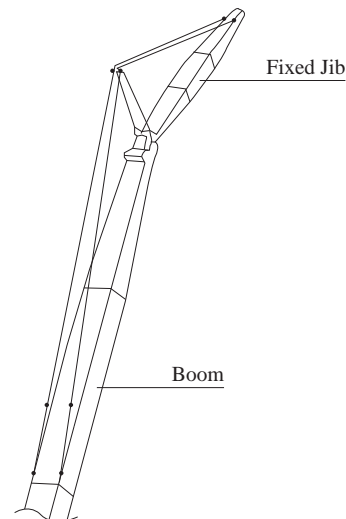
※ mark shows the standard luffing boom arrangement which enables each boom length of less than that boom length to be configured.

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

- 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).
- 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.
 - 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.
- 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.

Aux. Sheave for Crane Boom & Luffing Boom

Deductions (Lbs)	700
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Fixed Jib

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

- The total load that can be lifted over a jib is limited by rated jib loads.
- Boom lengths for jib mounting are 90 ft (27.4 m) to 250 ft (76.2 m).
- 40 ft (12.2 m) jib length with offset angle 10 degrees, one part of line on hook is not allowed.
- 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.
- Boom lengths that can attach auxiliary sheave are from 50 ft (15.2m) to 290 ft (88.4m).

- 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 job at a length of 250 ft (76.2 m), the blocks for erection must be placed at the end of the crawlers.
- The maximum rated load is 5,200 lbs (2.4t).
- Least stable position is over the side.
- 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

- 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.

- 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

- 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.
- 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 *				80.0	33.9	75,200 *									
												83.3	30.0	71,200 *									
Reeves			22			Reeves			18			Reeves			14			Reeves			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			12			Reeves			10			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

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	75.0	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		4	Reeves		4	Reeves		4	Reeves		4	Reeves		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	79,800	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

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	76.8	24,600*				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*	60.0	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	76.8	40,600*	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	15,600*	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	69.7	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	61.2	27,100*	120.0	56.5	22,400*	160.0	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	6,600*				
130.0	36.8	33,500*	130.0	39.8	27,600*				161.7	30.0	19,600*										201.4	30.0	5,900	
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*				56.0	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*				66.0	73.8	41,100*	66.0	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*	65.0	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	70.6	50,200*	65.0	74.8	40,000*	86.0	67.0	36,600*	86.0	72.7	28,200*	96.0	67.3	21,000*	96.0	74.3	16,500*	110.0	66.0	10,800*			
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	16,700*	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	67.8	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*	160.0	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	150.2	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 with 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

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)		
62.0	80.0	58,200*				68.9	80.0	46,500*				75.8	80.0	26,400*				82.7	80.0	14,700*					
66.0	79.4	57,600*				70.0	79.8	46,200*				80.0	79.2	26,100*				85.0	79.6	14,600*					
70.0	78.4	56,600*				75.0	78.8	45,200*				85.0	78.3	25,600*				90.0	78.8	14,200*					
75.0	77.4	56,600*				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*				95.0	76.6	24,700*				100.0	77.1	13,500*					
85.0	75.4	53,800*				90.0	76.0	42,600*	86.9	80.0	29,700*	90.0	79.4	29,700*	100.0	75.7	24,300*	99.7	80.0	17,600*	110.0	75.4	13,000*		
90.0	74.3	53,000*				95.0	75.0	41,800*				95.0	78.4	29,600*				110.0	78.1	17,200*					
96.0	73.3	50,300*				100.0	74.1	41,000*				100.0	77.4	29,400*	120.0	72.0	22,600*	120.0	76.2	16,800*	130.0	71.9	11,900*		
100.0	72.3	46,800*				110.0	72.1	39,600*				110.0	75.4	28,900*				130.0	74.3	16,300*					
110.0	70.2	41,100*				120.0	70.2	37,600*				120.0	73.4	28,300*	140.0	68.3	21,200*	140.0	72.4	16,000*	150.0	68.4	11,000*		
120.0	68.0	36,300*				130.0	68.2	32,900*				130.0	71.4	27,200*				150.0	70.4	15,600*					
130.0	65.9	31,800*				140.0	66.1	28,900*	140.0	69.3	26,200*	160.0	64.4	19,800*	160.0	64.4	19,800*	160.0	68.4	15,300*	170.0	64.7	10,300*		
140.0	63.7	27,800*				150.0	64.1	25,400*				150.0	67.2	25,400*				170.0	66.4	15,000*					
160.0	61.4	24,300*				160.0	62.0	22,400*	160.0	65.1	24,100*	180.0	60.4	18,400*	180.0	60.4	18,400*	180.0	64.3	14,700*	190.0	60.9	9,700*		
160.0	59.1	21,300*				170.0	59.8	19,700*				170.0	62.8	21,700*				190.0	62.2	14,500*					
170.0	66.8	18,800*				180.0	67.6	17,600*	180.0	60.6	19,300*	200.0	66.2	14,900*	200.0	66.2	14,900*	200.0	60.0	14,200*	210.0	67.0	9,000*		
180.0	54.4	16,500*				190.0	55.4	15,400*				190.0	58.3	17,000*				210.0	57.7	14,100*					
190.0	51.9	14,300*				200.0	53.0	13,500*	200.0	56.9	16,100*	220.0	51.8	11,600*	220.0	51.8	11,600*	220.0	55.4	12,900*	230.0	52.9	8,500*		
200.0	49.3	12,600*				210.0	50.6	11,900*				210.0	53.4	13,400*				230.0	53.0	11,400*					
210.0	46.6	11,000*				220.0	48.1	10,400*	220.0	56.8	11,700*	240.0	47.1	9,000*	240.0	47.1	9,000*	240.0	50.6	10,000*	250.0	48.5	8,100*		
220.0	43.7	9,500*				230.0	45.5	9,000*				230.0	48.1	10,300*				250.0	47.8	8,700*					
230.0	40.7	8,100*				240.0	42.8	7,800*	240.0	45.2	8,900*	260.0	41.9	6,800*	260.0	41.9	6,800*	260.0	45.0	7,800*	270.0	43.7	6,500*		
240.0	37.5	6,900*				250.0	39.9	6,700*				250.0	42.2	7,600*				270.0	42.0	6,500*					
260.0	34.0	6,800*				260.0	36.8	6,700*	260.0	38.9	6,500*	280.0	36.1	4,900*	280.0	36.1	4,900*	280.0	38.8	5,600*	290.0	38.4	4,700*		
260.0	30.2	4,800*				270.0	33.4	4,700*				270.0	35.3	5,400*				290.0	35.3	4,500*					
260.4	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*	300.0	31.2	3,600*	310.0	32.3	3,400*		
									282.8	30.0	4,100				302.8	30.0	3,300			316.9	30.0	2,800			
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.

Clamshell

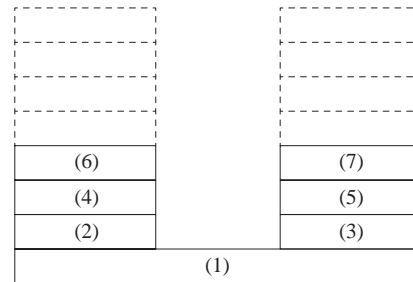
1. Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or de-rate rated loads to 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.



COUNTERWEIGHTS



CARBODY WEIGHTS

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

290' Boom				300' 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
56.4	80.0	74,500*				58.0	80.0	68,300*									
60.0	79.3	73,000*				60.0	79.6	67,700*									
65.0	78.3	71,200*				65.0	78.7	65,900*									
70.0	77.2	69,500*				70.0	77.7	64,200*									
75.0	76.2	66,800*				75.0	76.7	62,400*									
80.0	75.2	63,100*	44,600*			80.0	75.7	60,200*	41,400*								
85.0	74.2	58,200*	42,900*			85.0	74.7	56,800*	39,500*								
90.0	73.1	54,100	41,000*			90.0	73.7	52,800*	37,700*								
95.0	72.1	50,300	39,000*	26,800*		95.0	72.7	49,100*	35,800*	24,400*							
100.0	71.1	46,800	37,200*	25,500*		100.0	71.7	45,700	34,000*	23,300*							
110.0	69.0	40,700	33,500*	23,300*	17,100*	110.0	69.7	39,600	30,500*	21,300*	15,400*						
120.0	66.8	35,700	30,200*	21,100*	15,600*	120.0	67.6	34,600	27,500*	19,100*	13,800*						
130.0	64.7	31,000	26,800*	19,100*	14,200*	130.0	65.6	30,200	24,400*	17,100*	12,300*						
140.0	62.4	27,100	24,000*	16,900*	12,700*	140.0	63.4	26,500	21,600*	15,200*	10,800*						
150.0	60.2	23,600	21,100*	15,300*	11,100*	150.0	61.3	23,200	18,900*	13,200*	9,600*						
160.0	57.9	20,600	18,700	13,400*	9,900*	160.0	59.1	19,900	16,500*	11,400*	8,000*						
170.0	55.5	17,700	16,300	11,600*	8,400*	170.0	56.8	17,100	14,100*	9,800*	6,800*						
180.0	53.1	15,200	13,800	9,800*	7,100*	180.0	54.5	14,700	11,900*	8,100*	5,500*						
190.0	50.5	13,000	12,000	8,400*	5,900*	190.0	52.1	12,400	9,900*	6,500*							
200.0	47.9	11,100	10,100	6,800*		200.0	49.6	10,400	8,100*								
210.0	45.2	9,400	8,300*	5,300*		210.0	47.1	8,800	6,300*								
220.0	42.3	7,700	6,500*			220.0	44.4	7,000									
230.0	39.3	6,300															
Reeves		4	2	2	2	Reeves		3	2	2	2						

		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

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.

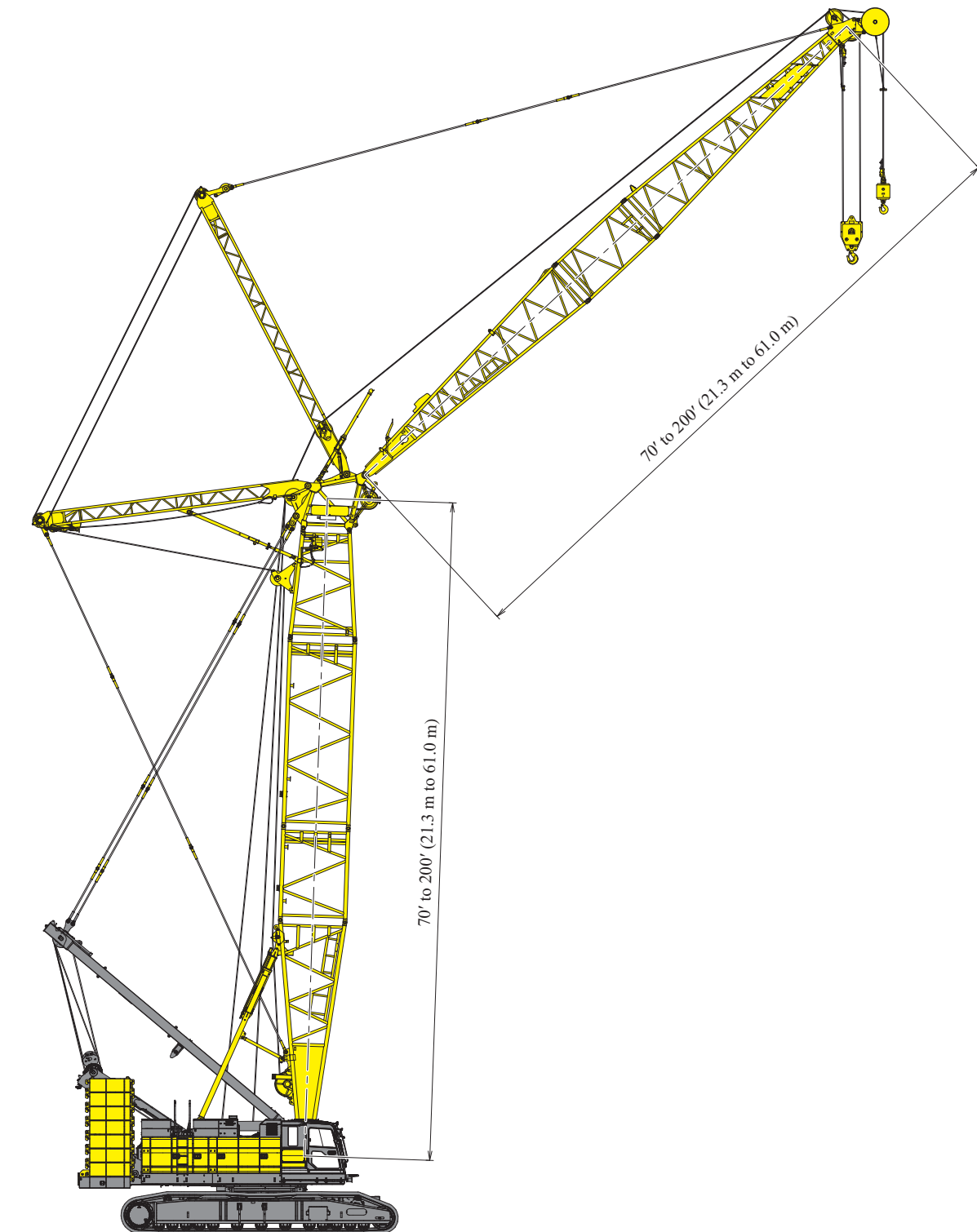
Luffing jib hoist drum :

<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)



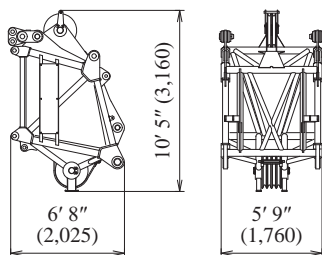
CK2750G-3

LUFFING BOOM/JIB - DIMENSIONS & WEIGHT

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

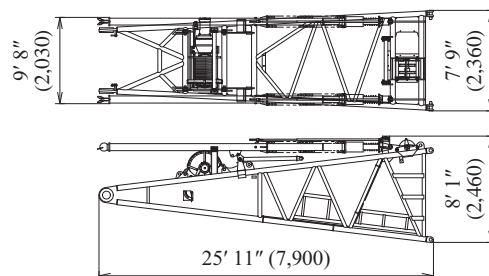
Luffing Boom Tip

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



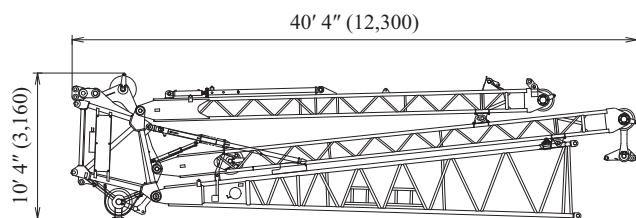
Luffing Boom Base (with winch)

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



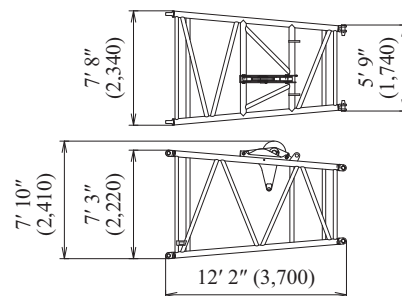
Luffing Boom Tip Assembly

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



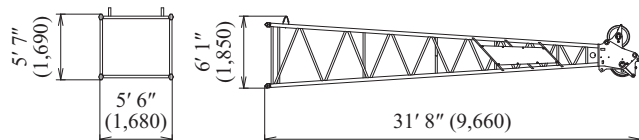
Luffing Taper Boom Insert

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



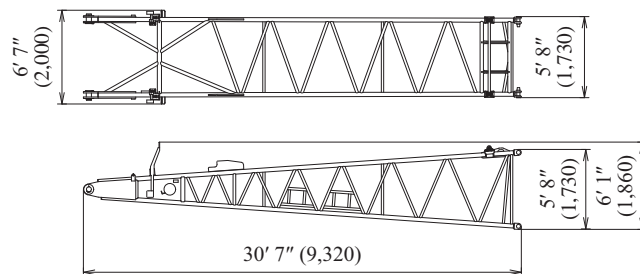
Luffing Jib Tip

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



Luffing Jib Base

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



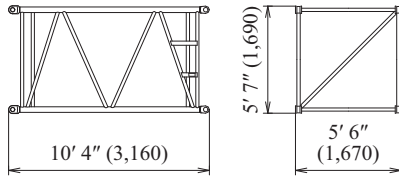
CK2750G-3 LUFFING BOOM/JIB - DIMENSIONS & WEIGHT

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

10 ft (3.0 m) Luffing Jib Insert

Weight: 920 lbs (420 kg)

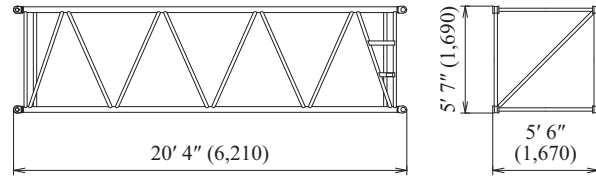
Includes cable roller and guy lines



20 ft (6.1 m) Luffing Jib Insert

Weight: 1,475 lbs (670 kg)

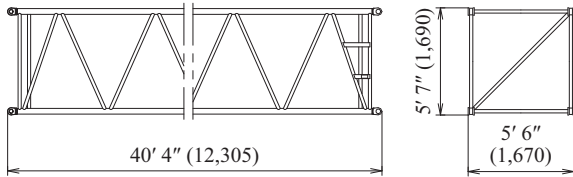
Includes cable roller and guy lines



40 ft (12.2 m) Luffing Jib Insert

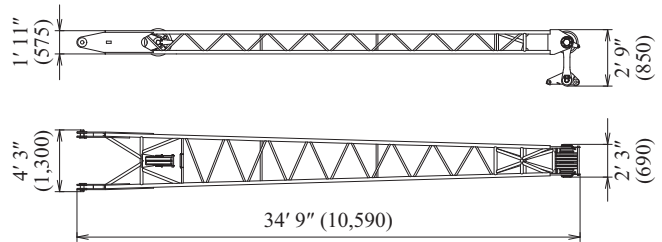
Weight: 2,590 lbs (1,175 kg)

Includes cable roller and guy lines



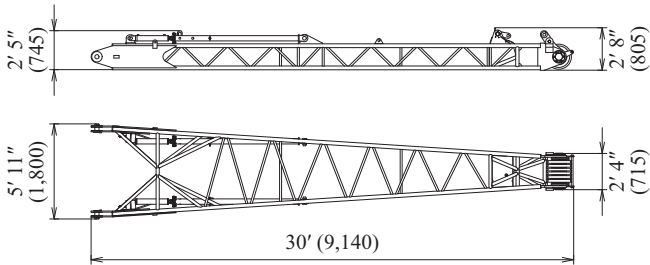
Front Strut (luffing jib)

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



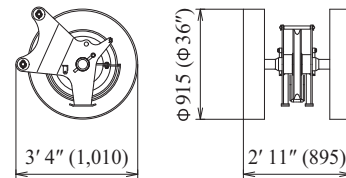
Rear Strut (luffing jib)

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



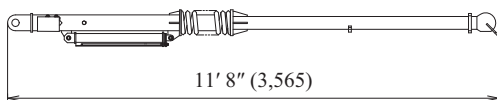
Auxiliary Sheave (luffing jib)

Weight: 840 lbs (380 kg)



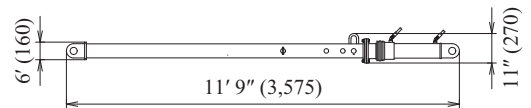
Luffing Jib Backstop (L/R)

Weight: 290 lbs (130 kg)

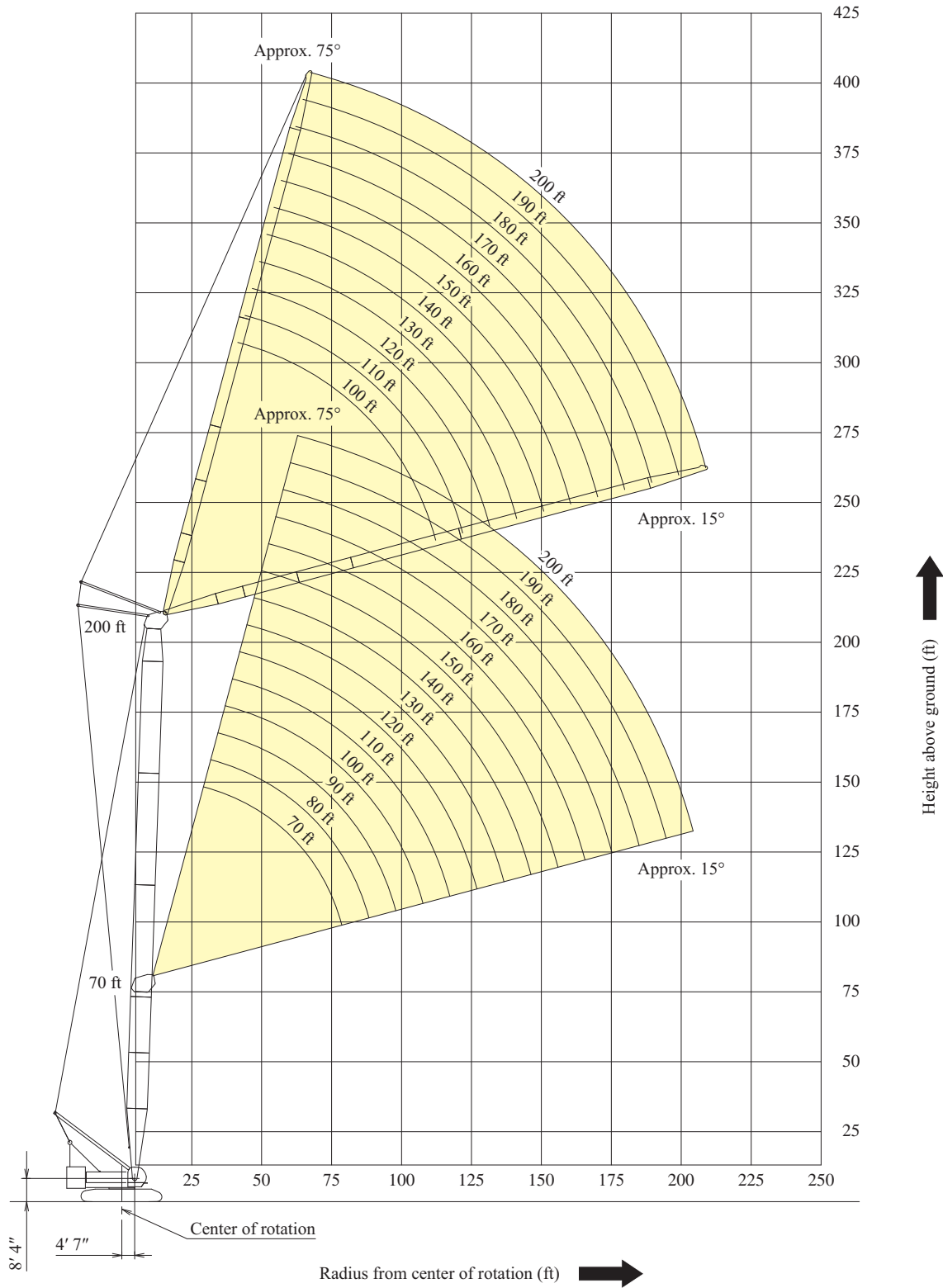


Luffing Jib Strut Backstop (L/R)

Weight: 144 lbs (65 kg)

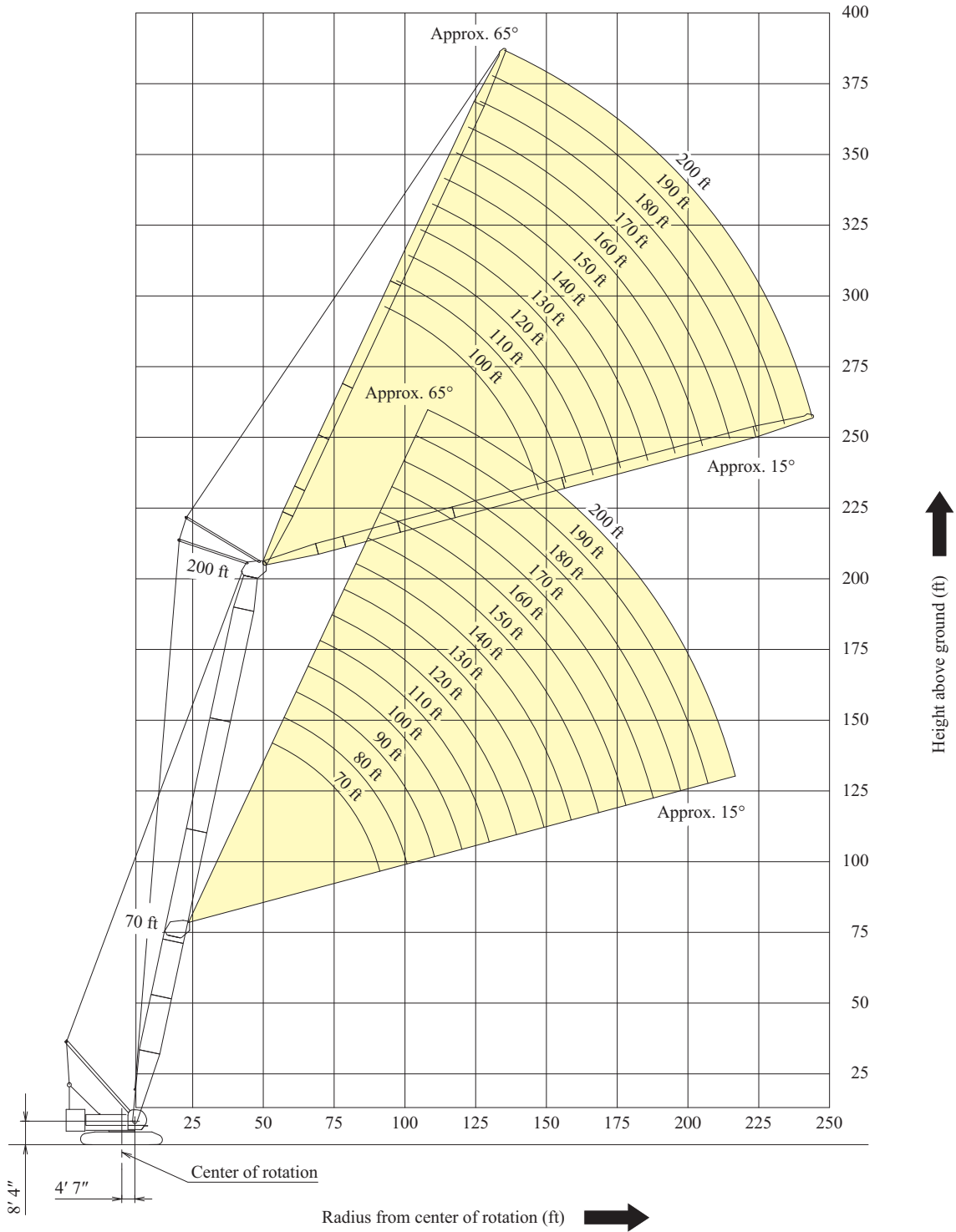


Luffing Jib 88°

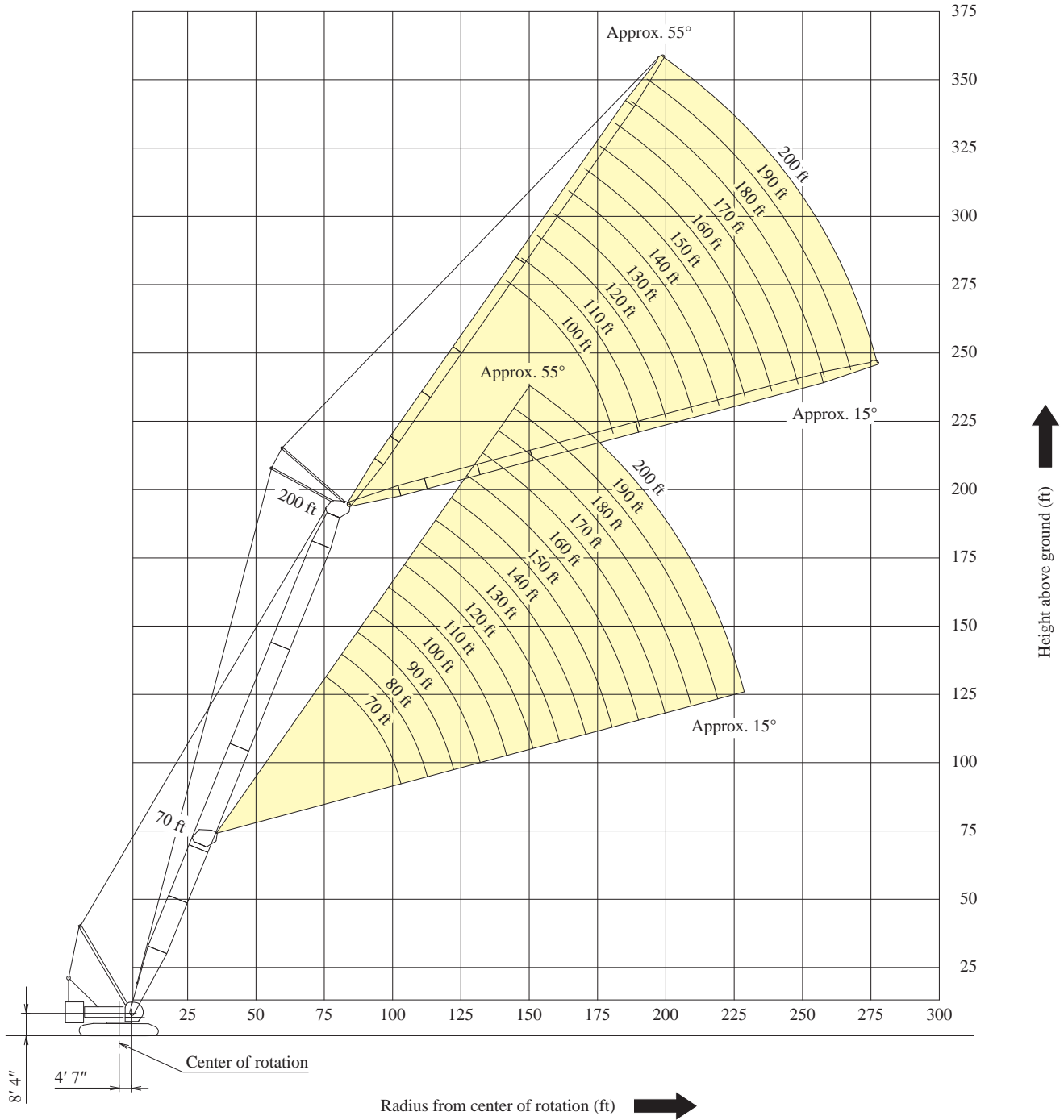


CK2750G-3 LUFFING BOOM/JIB - WORKING RANGES

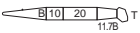
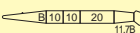
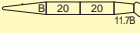
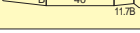
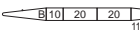
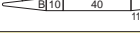
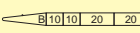
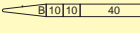
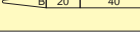
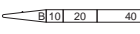
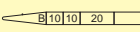
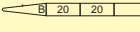
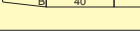
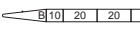
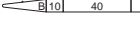
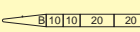
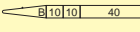
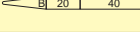
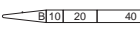
Luffing Jib 78°

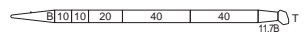
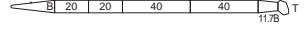
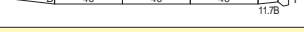
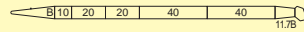
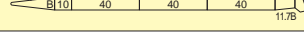
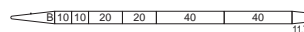
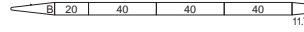
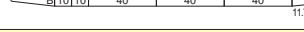
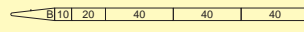
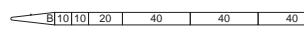
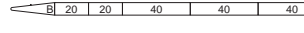
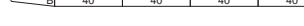


Luffing Jib 68°









Luffing Boom Arrangement

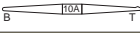
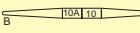

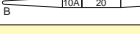
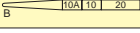
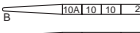
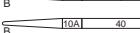
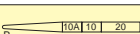
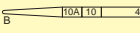
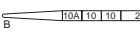
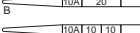
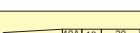

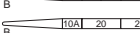
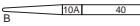


Boom length : ft (m)	Boom arrangement
70 (21.3)	
80 (24.4)	※   
90 (27.4)	※  
100 (30.5)	※   
110 (33.5)	※ 
120 (36.6)	※   
130 (39.6)	※  
140 (42.7)	※   
150 (45.7)	※ 

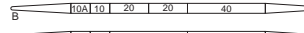
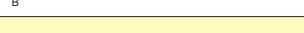
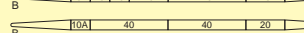
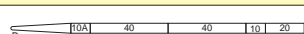
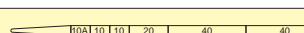
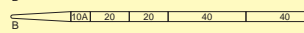
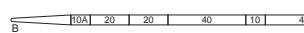

Boom length : ft (m)	Boom arrangement
160 (48.8)	※   
170 (51.8)	※  
180 (54.9)	※   
190 (57.9)	※ 
200 (61.0)	※   







※ 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



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.

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											
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	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	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.

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											
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.

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											
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.

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											
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.

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											
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.

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											
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.

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											
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.

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											
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.

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											
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			Reeves			Reeves					
4			4			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	167,600*											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	61,000					95.0	64,500	95.0	63,300	95.0	61,800				
										100.0	57,300							100.0	58,000	100.0	58,000	100.0	57,000		
																		110.0	51,600	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	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	76,300	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	65,500	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	62,600	110.0	61,200	110.0	60,300				110.0	60,900	110.0	63,400	110.0	62,300	110.0	61,200			
										120.0	45,100							120.0	46,900	120.0	45,800	120.0	44,900		
																		130.0	41,500	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	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	106,100*											
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	96,800*	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	66,300*	95.0	66,200	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	59,800*							
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	51,800					
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	39,300	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	140.0	36,300	160.0	33,300											
						160.0	34,900	160.0	34,200	160.0	33,300	160.0	30,600											
																					160.0	32,100	160.0	30,400
																					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.

Luffing Jib Lift Capacity

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

70' 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)		
55.0	64,200*																								
60.0	63,000*											60.0	53,600*												
65.0	62,000*											65.0	62,600*												
70.0	61,000*											70.0	51,700*												
75.0	60,100*	75.0	61,300*									75.0	50,800*												
80.0	59,300*	80.0	60,400*									80.0	50,000*	80.0	51,100*										
85.0	58,400*	85.0	69,500*									85.0	49,400*	85.0	60,300*										
90.0	57,400*	90.0	58,800*									90.0	48,500*	90.0	49,600*										
95.0	56,800*	95.0	67,900*	95.0	69,100*							95.0	47,200*	95.0	48,900*										
100.0	53,800*	100.0	56,400*	100.0	57,900							100.0	45,500*	100.0	47,900*	100.0	49,100*								
110.0	49,900*	110.0	62,400*	110.0	62,500							110.0	42,100*	110.0	44,300*	110.0	46,600*								
120.0	46,400*	120.0	48,200	120.0	47,100	120.0	46,000					120.0	39,300*	120.0	41,300*	120.0	43,200*	120.0	45,300						
130.0	42,200*	130.0	43,700	130.0	42,800	130.0	41,500	130.0	40,400			130.0	36,700*	130.0	38,400*	130.0	40,200*	130.0	41,500						
140.0	35,900*	140.0	39,700	140.0	38,700	140.0	37,800	140.0	36,700			140.0	34,300*	140.0	36,000*	140.0	37,600*	140.0	37,700			140.0	36,700		
150.0	29,800*	150.0	35,200	150.0	35,500	150.0	34,400	150.0	33,500	150.0	32,800	150.0	31,100*	150.0	33,900*	150.0	35,200	150.0	34,400	150.0	33,500				
				160.0	32,600	160.0	31,800	160.0	30,900	160.0	30,100	160.0	27,100*	160.0	31,600*	160.0	32,600	160.0	31,700	160.0	30,900	160.0	30,000		
					170.0	29,400	170.0	28,500	170.0	27,800	180.0	25,800						170.0	29,200	170.0	28,500	170.0	27,600		
																		180.0	26,400	180.0	26,400	180.0	25,600		
																						190.0	23,800		
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

70' 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	58,400*																								
65.0	57,400*																								
70.0	56,500*											70.0	60,500*												
75.0	53,800*											75.0	49,000*												
80.0	62,000*	80.0	63,100*									80.0	47,300*												
85.0	50,100*	85.0	51,200*									85.0	45,500*												
90.0	48,300*	90.0	49,400*									90.0	43,600*	90.0	45,200*										
95.0	46,300*	95.0	47,600*									95.0	41,700*	95.0	43,300*										
100.0	44,300*	100.0	45,900*	100.0	47,000*							100.0	40,000*	100.0	41,500*										
110.0	40,600*	110.0	42,200*	110.0	43,500*							110.0	36,800*	110.0	38,200*	110.0	39,500*								
120.0	37,300*	120.0	38,800*	120.0	40,300*	120.0	41,400*					120.0	33,900*	120.0	35,200*	120.0	36,500*								
130.0	34,100*	130.0	35,600*	130.0	37,000*	130.0	38,200*					130.0	31,400*	130.0	32,600*	130.0	33,800*	130.0	34,900*						
140.0	30,800*	140.0	32,400*	140.0	33,900*	140.0	35,200*	140.0	36,200			140.0	29,000*	140.0	30,300*	140.0	31,400*	140.0	32,500*						
150.0	27,800*	150.0	29,300*	150.0	30,900*	150.0	32,400*	150.0	33,100			150.0	27,000*	150.0	28,100*	150.0	29,200*	150.0	30,100*	150.0	31,200*				
160.0	24,800*	160.0	26,400*	160.0	28,100*	160.0	29,500*	160.0	30,400	160.0	29,500	160.0	26,100*	160.0	27,100*	160.0	28,200*	160.0	29,100*	160.0	30,000*				
170.0	21,500*	170.0	23,500*	170.0	25,200*	170.0	26,600*	170.0	27,900	170.0	27,200	170.0	22,800*	170.0	24,300*	170.0	25,200*	170.0	26,300*	170.0	27,200*	170.0	27,000		
				180.0	22,200*	180.0	23,900*	180.0	25,400*	180.0	26,200	180.0	20,000*	180.0	21,900*	180.0	23,300*	180.0	24,500*	180.0	26,300*	180.0	26,000		
					190.0	21,200*	190.0	22,700*	190.0	23,400	200.0	21,400						190.0	22,300*	190.0	23,600*	190.0	23,100		
																		200.0	19,800*	200.0	21,300*	200.0	21,600		
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

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	46,300*											70.0	40,400*														
75.0	44,100*											75.0	39,600*														
80.0	42,600*											80.0	38,400*														
85.0	40,800*											85.0	36,900*														
90.0	39,200*	90.0	40,700*									90.0	36,300*														
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	26,800*	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	22,600*	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	20,600*	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 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	167,000*																						
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	116,100							60.0	113,600*	60.0	116,600								
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	96,100*	70.0	96,600	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	81,600	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						90.0	69,800	90.0	68,400	90.0	67,000	95.0	60,900		
					95.0	62,800	95.0	61,400	95.0	59,900						95.0	64,000	95.0	62,700	100.0	57,100	100.0	56,000
							100.0	57,500	100.0	56,200								100.0	58,800	110.0	50,700	105.0	49,600
									110.0	49,800													
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6

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	160,600*											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	106,100*	65.0	106,600									65.0	104,600*	65.0	106,200									
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	86,800							75.0	88,600*	75.0	88,000	75.0	86,800							
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	76,300	85.0	73,100							85.0	74,400*	85.0	76,100	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	66,600	95.0	63,700	95.0	62,400					95.0	61,900*	95.0	66,300	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	63,000	110.0	61,800	110.0	60,400	110.0	58,800				110.0	62,700	110.0	63,000	110.0	61,600	110.0	60,300	110.0	58,200	
										120.0	45,200	120.0	44,300					120.0	46,200	120.0	45,100	130.0	40,800	
											130.0	39,900									130.0	40,800	111.5	48,200
																						120.0	43,900	
																						130.0	39,700	
																						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	41,500	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
																				160.9	33,600	167.4	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*	76.0	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	66,700*	95.0	66,000	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	64,100	110.0	52,500	110.0	51,200					110.0	53,700*	110.0	64,100	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
				160.0	35,500	160.0	34,400	160.0	33,500	140.0	35,600	160.0	33,700*	160.0	35,500	160.0	34,400	160.0	33,300	160.0	33,300	160.0	32,400
								160.0	30,800	160.0	29,900							160.0	31,700	160.0	30,700	160.0	29,800
										170.0	27,600									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.

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	106,100*											
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	96,600									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	46,600	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			130.0	42,800	130.0	42,400	130.0	41,000	130.0	39,700			
								140.0	36,200	140.0	35,200								140.0	37,300	140.0	36,100	140.0	34,900
										150.0	32,200								150.0	34,200	150.0	33,100	150.0	31,900
																					160.0	29,300	160.0	29,300

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)	
56.0	86,300*											56.0	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	66,900*	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			140.0	39,700	140.0	38,400	140.0	37,100	140.0	35,800			
				150.0	35,300	150.0	34,000	150.0	32,900	150.0	31,800			150.0	34,900	150.0	35,100	150.0	34,000	150.0	32,800	150.0	31,700	
								160.0	30,200	160.0	29,300								160.0	31,200	160.0	30,100	160.0	29,100
										170.0	27,000								170.0	28,800	170.0	27,800	170.0	26,800
																					180.0	24,800	180.0	24,800

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	62,800*										
70.0	61,000*											70.0	51,800*										
75.0	60,100*											75.0	60,800*										
80.0	59,300*	80.0	60,800*									80.0	50,000*	80.0	51,500*								
85.0	68,400*	85.0	60,000*									85.0	49,400*	85.0	60,700*								
90.0	57,400*	90.0	59,100*									90.0	48,700*	90.0	49,900*								
95.0	66,800*	95.0	68,300*									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	46,100*	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*		
160.0	30,900*	150.0	36,000*	160.0	34,800*	150.0	33,600*	150.0	32,400*			150.0	31,300*	150.0	34,300*	160.0	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	24,600*							180.0	26,300*	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*										
76.0	53,000*											86.0	45,000*										
80.0	51,300*											90.0	43,200*	90.0	44,900*								
86.0	49,400*											96.0	41,300*	96.0	43,100*								
90.0	47,600*	90.0	48,500*									100.0	39,600*	100.0	41,300*								
96.0	45,700*	96.0	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*					160.0	27,000*	160.0	28,100*	160.0	29,000*	160.0	30,100*				
140.0	30,800*	140.0	32,200*	140.0	33,600*	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*	160.0	29,300*	160.0	30,600*	160.0	31,700*	160.0	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	26,900*			190.0	19,600*	190.0	21,200*	190.0	22,300*	190.0	22,900*	190.0	22,000*
		180.0	21,000*	180.0	22,800*	180.0	24,100*	180.0	24,800*	180.0	24,800*					200.0	20,200*	200.0	21,200*	200.0	21,200*	200.0	20,400*
				190.0	20,100*	190.0	21,600*	190.0	22,900*	190.0	22,900*									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	36,100*										
95.0	37,400*	95.0	38,800*									95.0	33,700*	95.0	35,000*								
100.0	36,800*	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	17,800*	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	17,100*	210.0	17,800*	210.0	18,200	210.0	18,200
								220.0	17,100*	220.0	17,600							220.0	16,100*	220.0	16,800*	220.0	17,100
																		230.0	15,500*	230.0	16,000	230.0	16,000
																				240.0	14,700	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.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

100' Boom												120 ft Jib											
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	96,200									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	60,600	100.0	58,400						
110.0	49,300*					110.0	50,200					110.0	53,100*			110.0	51,800	110.0	49,800				
		120.0	48,100	120.0	46,600	120.0	45,000	120.0	43,200			120.0	43,700*	120.0	48,200	120.0	46,600	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					140.0	38,200	140.0	36,700	140.0	35,400	140.0	34,000
								150.0	32,400	150.0	31,300							150.0	33,700	150.0	32,400	150.0	31,100
																				170.0	28,700	170.0	26,300

100' Boom												140 ft Jib												
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	33,600	150.0	32,200	150.0	31,100				150.0	36,800	150.0	34,800	150.0	33,600	150.0	32,200		
						160.0	30,900	160.0	29,600	160.0	28,500						160.0	32,000	160.0	30,700	160.0	29,600	160.0	28,200
								170.0	27,400	170.0	26,300								170.0	28,300	170.0	27,200	170.0	26,100
																				180.0	24,200	180.0	22,000	

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)		
60.0	63,200*											60.0	63,800*										
65.0	62,000*											65.0	52,800*										
70.0	61,000*											70.0	61,800*										
75.0	60,100*											75.0	50,800*										
80.0	69,300*	80.0	61,000*									80.0	60,000*	80.0	61,700*								
85.0	58,600*	85.0	60,000*									85.0	49,400*	85.0	50,700*								
90.0	67,600*	90.0	69,300*									90.0	48,700*	90.0	60,000*								
95.0	55,800*	95.0	58,500*									95.0	47,500*	95.0	49,200*								
100.0	63,800*	100.0	67,300*	100.0	67,700							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	46,600*	120.0	47,700	120.0	46,800	120.0	44,100					120.0	39,600*	120.0	42,100*	120.0	46,200						
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	
									180.0	24,800	180.0	23,700					180.0	27,200	180.0	25,900	180.0	24,800	
									190.0	23,100	190.0	22,000							190.0	24,000	190.0	23,100	
																			200.0	20,500	200.0	20,500	

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)		
60.0	65,400*																						
65.0	54,900*																						
70.0	64,100*											70.0	48,700*										
75.0	52,700*											75.0	47,900*										
80.0	60,900*											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	28,600			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	23,100	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	20,700	200.0	20,700	200.0	19,800
																					210.0	18,500	
																					220.0	17,100	

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

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	36,700*	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					220.0	15,100*	220.0	16,000*	220.0	16,700*	220.0	16,600	
										230.0	15,800									230.0	15,300*	230.0	15,300	
																					240.0	14,300	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	132,600*											46.0	132,100*										
48.0	129,100*											48.0	129,100*										
50.0	126,700*											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	116,400								
65.0	99,800*	65.0	104,900									65.0	103,600*	65.0	104,700								
70.0	91,200*	70.0	96,800	70.0	92,400							70.0	96,100*	70.0	96,400								
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	76,500					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	66,200							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	67,000	100.0	64,900							100.0	66,700	100.0	66,700	100.0	64,400		
								110.0	48,700									110.0	50,300			110.0	48,200
										120.0	42,300											120.0	43,200
										124.6	40,300											130.0	37,900
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6

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	116,900*										
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	76,500*	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	67,300*	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	61,600	110.0	56,600	110.0	47,800							110.0	60,000	110.0	60,000				
						120.0	60,200	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	40,400	130.0	38,600		
										140.0	34,300									140.0	35,200	140.0	33,900
																				160.0	31,100	160.0	31,100
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	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

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)		
48.0	116,000*											48.0	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	106,600*											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	82,600*	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	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				
						140.0	36,500	140.0	34,800	140.0	33,700									150.0	33,100	140.0	34,800	140.0	33,200
								150.0	31,800	150.0	30,700									160.0	28,100	150.0	31,800	150.0	30,400
										160.0	28,200											160.0	29,100	160.0	27,900
																						170.0	25,900		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	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*												
76.0	78,800*	76.0	83,200									76.0	67,600*	76.0	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					130.0	42,600*	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	35,600*	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									160.0	34,400	150.0	32,900	160.0	31,600
						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	26,600									170.0	27,900	170.0	26,700	170.0	26,400
										180.0	23,700											180.0	24,700	180.0	23,500
																						190.0	21,800		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	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

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	16,700*	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	16,200*	220.0	16,000*	220.0	16,700*	220.0	16,000	
																					230.0	15,300*	230.0	14,900
																					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 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

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*										
60.0	122,600*											60.0	124,800*										
55.0	115,000*	55.0	124,000									55.0	117,700*	55.0	123,300								
60.0	107,400*	60.0	116,800									60.0	110,600*	60.0	116,000								
65.0	99,700*	65.0	104,700									65.0	103,400*	65.0	104,200								
70.0	92,100*	70.0	96,400	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	66,200	100.0	63,800							100.0	67,900	100.0	66,900				
						110.0	49,800	110.0	47,800									110.0	49,600			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*										
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	76,800*	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	68,100*	95.0	64,600	95.0	61,600	95.0	69,600					95.0	64,300*	95.0	64,600	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	49,200	110.0	49,200				
						120.0	44,300	120.0	41,900							120.0	44,100	120.0	44,100			120.0	41,900
						130.0	40,100	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
																				160.0	31,600	160.0	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	104,600*											60.0	96,100*										
65.0	100,100*											65.0	95,100*										
70.0	96,900*	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	82,600*	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	68,800	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	60,600*	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	50,700	110.0	48,700					110.0	53,600*	110.0	53,100	110.0	50,700						
		120.0	47,800	120.0	46,600	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							140.0	35,700	140.0	33,900		
								150.0	31,100	150.0	29,700									150.0	31,100	150.0	29,500
										160.0	27,400									160.0	28,600	160.0	27,100
																						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*										
76.0	78,800*	76.0	82,700									76.0	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	66,600*	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		
				160.0	34,200	160.0	32,400	160.0	30,900					160.0	36,700	160.0	34,000	160.0	32,400	160.0	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	24,800
										180.0	23,100									180.0	24,200	180.0	22,800
																						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.

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	38,600*											90.0	34,700*										
95.0	36,900*	95.0	38,700*									95.0	33,300*										
100.0	35,600*	100.0	37,200*									100.0	32,000*	100.0	33,600*								
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	25,600*					160.0	21,000*	160.0	21,700*	160.0	22,600*	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	16,900*	220.0	16,500	220.0	16,500	220.0	16,400
								230.0	15,100*	230.0	14,500					230.0	14,400*	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 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	116,100									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	66,600						
				95.0	61,600	95.0	59,300							95.0	64,600	95.0	61,400	95.0	59,000				
						100.0	56,600									100.0	57,600	100.0	56,300				
						110.0	49,200	110.0	46,900							110.0	50,900	110.0	49,100				
								120.0	41,900	120.0	40,200											120.0	41,600
										130.0	36,300											130.0	37,400
																						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	76,100*	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	68,800*	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	39,600	130.0	37,000	140.0	33,700					130.0	41,000	130.0	39,200	140.0	33,700	140.0	32,100
										160.0	29,700	160.0	32,400							160.0	30,800	160.0	29,300
																						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.

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

130' 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	106,900*																						
48.0	106,600*																						
60.0	106,300*																						
55.0	105,100*											55.0	89,200*										
60.0	103,100*											60.0	89,200*										
65.0	99,200*											65.0	89,200*										
70.0	96,500*	70.0	93,900									70.0	87,800*										
75.0	89,700*	75.0	86,000									75.0	84,900*	75.0	85,400								
80.0	82,600*	80.0	79,200									80.0	80,800*	80.0	78,900								
85.0	76,400*	85.0	73,300									85.0	76,300*	85.0	73,100								
90.0	70,600*	90.0	68,300	90.0	64,800							90.0	71,300*	90.0	68,000								
95.0	65,500*	95.0	63,900	95.0	60,500							95.0	66,300*	95.0	63,500	95.0	60,500						
100.0	60,800*	100.0	59,900	100.0	56,700							100.0	61,700*	100.0	59,500	100.0	56,700						
110.0	50,900*	110.0	53,000	110.0	50,300	110.0	48,000					110.0	53,800*	110.0	52,700	110.0	50,300						
		120.0	47,600	120.0	45,000	120.0	43,000					120.0	45,100*	120.0	47,300	120.0	44,900	120.0	42,800	120.0	42,800		
				130.0	40,600	130.0	38,800	130.0	36,600					130.0	42,800	130.0	40,600	130.0	38,600				
						140.0	35,400	140.0	33,200							140.0	36,900	140.0	35,000	140.0	33,200		
						150.0	32,400	150.0	30,400	150.0	28,900					150.0	33,700	150.0	32,000	150.0	30,200		
								160.0	27,900	160.0	26,600							170.0	25,600	170.0	25,600	160.0	26,300
										170.0	24,500										170.0	24,100	
																					180.0	22,400	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

130' 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	82,100*											55.0	73,500*											
60.0	81,400*											60.0	72,400*											
65.0	80,700*											65.0	70,900*											
70.0	80,000*											70.0	69,200*											
75.0	78,600*	75.0	81,200									75.0	67,700*											
80.0	76,400*	80.0	78,900									80.0	66,100*	80.0	71,300*									
85.0	73,600*	85.0	73,100									85.0	64,400*	85.0	70,300*									
90.0	70,500*	90.0	68,000									90.0	62,700*	90.0	67,300									
95.0	66,700*	95.0	63,500									95.0	61,200*	95.0	63,500									
100.0	62,300*	100.0	59,500	100.0	56,700							100.0	59,600*	100.0	59,400	100.0	56,400							
110.0	54,400*	110.0	52,700	110.0	50,300							110.0	54,600*	110.0	52,700	110.0	50,000							
120.0	47,900*	120.0	47,300	120.0	44,900	120.0	42,600					120.0	48,300*	120.0	47,100	120.0	44,800							
130.0	40,400*	130.0	42,800	130.0	40,600	130.0	38,400					130.0	43,100*	130.0	42,600	130.0	40,400	130.0	38,300					
		140.0	38,900	140.0	36,900	140.0	35,000	140.0	33,000			140.0	36,300*	140.0	38,800	140.0	36,800	140.0	34,800					
				150.0	33,700	150.0	32,000	150.0	30,200					150.0	35,500	150.0	33,700	150.0	31,800	150.0	30,000			
						160.0	29,300	160.0	27,800	160.0	26,100					160.0	30,900	160.0	29,300	160.0	27,600			
						170.0	27,200	170.0	25,600	170.0	24,100					170.0	28,500	170.0	27,000	170.0	25,400	170.0	23,900	
										180.0	22,200										180.0	23,500	180.0	22,200
										190.0	20,700										190.0	21,800	190.0	20,500
																					200.0	19,100		
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

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	33,600*								
110.0	32,700*	110.0	34,100*									110.0	29,600*	110.0	30,800*								
120.0	30,400*	120.0	31,600*									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	16,800*	200.0	17,000*	200.0	17,600*	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 BOOM/JIB - LIFTING CHART

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)	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	118,600*											48.0	118,800*										
50.0	118,000*											50.0	118,600*										
55.0	114,100*	65.0	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	90.0	75,300						
		85.0	73,700	85.0	70,000							85.0	69,800*	85.0	73,700	85.0	69,700						
		90.0	68,500	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	110.0	48,600							100.0	56,800	100.0	54,400				
								120.0	41,000									120.0	43,200	120.0	40,400		
																		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)	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	110,600*	69.0	116,200									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									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	76,300*	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				
		111.5	52,200	120.0	44,800	120.0	42,900	120.0	40,000							120.0	44,800	120.0	42,600				
				124.6	42,700	130.0	38,800	130.0	36,100	137.7	31,900					130.0	40,600	130.0	38,500	130.0	36,100		
						131.2	38,300	140.0	32,800	140.0	31,300							140.0	35,000	140.0	32,800		
								144.3	31,500	160.0	28,600									160.0	30,000	160.0	28,400
										157.4	26,800										160.0	26,100	
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

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	36,200*	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	17,900*	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	15,800*	210.0	16,500*	210.0	16,900*	210.0	16,500	210.0	14,900
						220.0	16,700*	220.0	15,700	220.0	14,200	220.0	14,200	220.0	14,800*	220.0	15,500*	220.0	15,500*	220.0	15,400	220.0	13,700
								230.0	14,700	230.0	12,900	230.0	12,900	230.0	14,000*	230.0	14,000*	230.0	14,000*	230.0	14,200	230.0	12,700
								240.0	13,200*	240.0	12,100	240.0	12,100	240.0	13,300*	240.0	13,300*	240.0	13,100	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.

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	76,600*	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	56,300							100.0	62,100*	100.0	59,200	100.0	56,300						
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	41,600				
		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	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	26,600	160.0	25,200							160.0	28,700	160.0	26,300	160.0	24,800
										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*																						
60.0	76,800*																						
65.0	76,300*																						
70.0	75,100*																						
75.0	73,300*																						
80.0	71,300*	80.0	76,100																				
85.0	69,100*	85.0	72,100																				
90.0	67,100*	90.0	67,100																				
95.0	64,900*	95.0	62,700																				
100.0	62,300*	100.0	58,800	100.0	55,300																		
110.0	54,900*	110.0	52,300	110.0	49,100																		
120.0	48,400*	120.0	46,700	120.0	43,900																		
130.0	41,300*	130.0	42,200	130.0	39,700	130.0	37,000																
		140.0	38,500	140.0	36,000	140.0	33,700																
		150.0	35,100	150.0	32,900	150.0	30,800	150.0	28,600														
				160.0	30,200	160.0	28,200	160.0	26,300														
						170.0	26,100	170.0	24,100	170.0	22,300												
								180.0	22,400	180.0	20,600												
									190.0	20,700	190.0	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

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	36,400*											
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	36,200*	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	31,600*									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	26,600*							
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	26,300*					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	17,600*	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	16,700*	220.0	16,100	220.0	13,400						220.0	14,800*	220.0	16,400*	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	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																									
190 ft Jib							200 ft Jib																		
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	36,000*												
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*								
160.0	24,400*	160.0	25,200*	160.0	26,100*							160.0	22,100*	160.0	22,800*	160.0	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	16,300*	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	16,600*	210.0	16,900*	210.0	15,600	210.0	13,600				210.0	16,600*	210.0	16,000*	210.0	16,600*	210.0	15,200				
			220.0	14,600*	220.0	15,400*	220.0	14,400	220.0	12,400					220.0	14,600*	220.0	14,900*	220.0	14,000	220.0	14,000	220.0	12,100	
				230.0	13,800*	230.0	13,400	230.0	13,400	230.0	11,400					230.0	13,600*	230.0	12,900	230.0	12,900	230.0	11,200		
						240.0	12,400	240.0	10,600	240.0	10,600					240.0	12,000*	240.0	11,900	240.0	10,200	240.0	10,200		
								260.0	9,800	260.0	9,800							260.0	11,100	260.0	9,400	260.0	9,400		
										260.0	8,800							260.0	9,800*	260.0	8,600	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	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																											
70 ft Jib								80 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)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	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	116,600*											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*														
65.0	100,000*											65.0	89,200*														
60.0	92,700*	60.0	112,200*									60.0	88,800*	60.0	89,200*												
66.0	86,300*	65.0	102,200*									66.0	86,200*	65.0	89,200*												
70.0	80,600*	70.0	93,300									70.0	81,100*	70.0	89,100												
76.0	75,400*	76.0	86,400									76.0	76,000*	76.0	86,000												
		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	34,600									130.0	37,000								
										140.0	29,300																
										160.0	26,700													160.0	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	Reeves	4	Reeves	4

170' Boom																											
90 ft Jib								100 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)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	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*																										
48.0	89,200*												46.0	89,200*													
50.0	89,200*												48.0	89,200*													
65.0	89,200*												50.0	89,200*													
60.0	88,800*												60.0	88,700*													
66.0	86,400*												65.0	85,800*													
70.0	81,300*	70.0	88,900										70.0	80,900*	70.0	88,800											
76.0	76,200*	76.0	84,800										76.0	76,000*	76.0	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	48,600																						
				120.0	43,400	120.0	40,600											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	150.0	27,800						
										160.0	23,700													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	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)	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	71,600*	80.0	77,700									80.0	71,600*	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	52,000	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								160.0	27,400	160.0	24,800	170.0	22,800	
								170.0	23,000	170.0	21,400							170.0	25,200	180.0	21,100	180.0	19,400
										180.0	19,800											190.0	17,900
												190.0	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

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)	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	66,800*	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	41,600	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				
		160.0	34,600	160.0	32,000	160.0	29,500							160.0	34,600	160.0	31,900	160.0	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	22,800		
						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	190.0	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.

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*						
160.0	24,400*	160.0	25,200*	160.0	25,900*							160.0	22,100*	160.0	22,800*	160.0	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	20,600*	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	16,700*	210.0	14,700						210.0	16,200*	210.0	16,000*	210.0	14,600			
				220.0	14,600*	220.0	15,000*	220.0	13,700	220.0	11,500						220.0	14,400*	220.0	13,300			
						230.0	13,600*	230.0	12,700	230.0	10,600						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
								260.0	10,700	260.0	8,900								260.0	9,500	260.0	8,500	
										260.0	8,300										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

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	86,600*											55.0	86,600*										
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	66,600*	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	67,600							85.0	68,600*	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	48,600	110.0	44,900				
						120.0	40,600	120.0	37,400									120.0	40,100				
								130.0	33,700									130.0	36,100				
								140.0	30,700	140.0	28,100									130.0	33,300		
										160.0	26,700									140.0	30,200		
																				160.0	27,500	160.0	25,100
																				160.0		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	86,600*											55.0	86,600*										
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	46,600	120.0	42,800			120.0	39,800	
				130.0	38,800	130.0	35,900											130.0	35,900			130.0	35,900
						140.0	32,600	140.0	29,800									140.0	32,600	140.0	29,600		
								150.0	27,100											150.0	26,800		
										160.0	22,600									160.0	24,600	160.0	22,600
										170.0	20,800									170.0	22,800	170.0	20,800
																				180.0	19,200	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																											
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	16,600*	210.0	16,600*	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	11,600*	240.0	10,600	240.0	8,400				
								250.0	10,000	250.0	8,100							250.0	9,600	250.0	9,600	250.0	7,600				
										260.0	7,400							260.0	8,900	260.0	8,900	260.0	7,000				
																				270.0	6,300	270.0	6,300				
																				280.0	5,600	280.0	5,600				

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																							
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	88,800*											40.0	88,800*										
42.0	87,400*											42.0	87,300*										
44.0	86,000*											44.0	86,800*										
46.0	84,500*											46.0	84,300*										
48.0	82,600*											48.0	82,400*										
50.0	80,500*											50.0	80,400*										
55.0	76,000*											55.0	76,000*										
60.0	71,700*	60.0	88,200*									60.0	71,800*										
65.0	66,700*	65.0	82,800*									65.0	66,900*										
70.0	62,400*	70.0	76,900*									70.0	62,600*	70.0	75,300*								
75.0	58,400*	75.0	71,400*									75.0	58,700*	75.0	70,200*								
78.7		80.0	66,500*									80.0	55,100*	80.0	65,500*								
		85.0	62,000*									85.0	61,700*	85.0	61,300*								
		90.0	58,000*	90.0	62,200							90.0	48,700*	90.0	57,500*	90.0	61,800						
		95.0	54,400*	95.0	68,200							95.0		95.0	64,200*	95.0	67,700						
		100.0		100.0	54,400							100.0		100.0	51,000*	100.0	54,000						
		110.0		110.0	48,200	110.0	44,400					110.0		110.0		110.0	47,800						
						120.0	39,800					120.0				120.0	42,800	120.0	39,800				
						130.0	35,900	130.0	33,000			130.0				130.0	36,900						
						140.0	29,800	140.0	29,800			140.0				140.0	29,300	140.0	26,800	160.0	22,500		
												160.0								160.0	20,800		
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

190' 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)		
46.0	86,900*											46.0	86,700*										
48.0	84,400*											48.0	84,200*										
50.0	81,800*											50.0	81,600*										
55.0	75,900*											55.0	75,700*										
60.0	70,600*											60.0	70,600*										
65.0	65,800*											65.0	65,800*										
70.0	61,700*	70.0	76,100*									70.0	61,800*										
75.0	57,900*	75.0	70,000*									75.0	58,100*	75.0	70,000*								
80.0	54,600*	80.0	66,600*									80.0	54,700*	80.0	66,600*								
85.0	51,500*	85.0	61,300*									85.0	51,500*	85.0	61,300*								
90.0	48,600*	90.0	57,600*									90.0	48,800*	90.0	67,700*								
95.0	46,000*	95.0	54,200*	95.0	57,600							95.0	46,200*	95.0	54,400*								
		100.0	51,100*	100.0	64,000							100.0	43,800*	100.0	61,300*	100.0	63,600						
		110.0	45,700*	110.0	47,800							110.0	39,400*	110.0	45,900*	110.0	47,600						
				120.0	42,800	120.0	39,300					120.0		120.0	41,300	120.0	42,600	120.0	39,000				
				130.0	38,600	130.0	35,500					130.0		130.0		130.0	38,500	130.0	35,200				
						140.0	32,100	140.0	29,300			140.0		140.0	36,000	140.0	31,900	140.0	31,900				
						150.0	29,300	150.0	26,700			150.0				150.0	29,100	150.0	26,400				
								160.0	24,600	160.0	22,000	160.0				160.0	24,100	160.0	22,300	170.0	19,900		
										170.0	20,300	170.0							170.0	18,300			
												190.0							190.0	17,000			
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.

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	36,900*											75.0	32,600*														
80.0	35,600*											80.0	32,300*														
85.0	36,200*											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*	160.0	25,000*	160.0	25,900*							160.0	21,900*	160.0	22,600*	160.0	23,600*										
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	22,600*	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	18,600					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	12,700*	230.0	12,700*	230.0	10,700	230.0	8,600				
						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.

CK2750G-3 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)	Load Radius (ft)	Rated Load (lbs)
46.0	77,000*											46.0	69,600*										
48.0	74,700*											48.0	59,500*										
60.0	72,600*											60.0	69,600*										
55.0	67,200*											55.0	59,500*										
60.0	62,400*											60.0	69,200*										
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	66,000*								
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	46,500*	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	36,700*	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		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)	Load Radius (ft)	Rated Load (lbs)
65.0	69,600*											65.0	69,600*										
60.0	59,200*											60.0	59,200*										
65.0	67,700*											65.0	67,600*										
70.0	54,200*											70.0	54,000*										
76.0	60,900*											76.0	60,700*										
80.0	48,000*	80.0	55,800*									80.0	47,800*										
85.0	45,300*	85.0	62,400*									85.0	45,100*										
90.0	42,800*	90.0	49,400*									90.0	42,600*	90.0	49,100*								
95.0	40,600*	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	28,600*	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				
				160.0	30,800	160.0	28,000							160.0	28,000	160.0	28,000	160.0	27,700				
				160.0	28,200	160.0	25,700	160.0	22,600					170.0	26,800*	160.0	28,000	160.0	25,400				
						170.0	23,700	170.0	20,600							170.0	26,700	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
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

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)	Load Radius (ft)	Rated Load (lbs)
70.0	38,600*																						
75.0	38,000*											75.0	34,800*										
80.0	37,600*											80.0	34,500*										
85.0	37,000*											85.0	34,100*										
90.0	36,600*											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	24,600*	140.0	26,600*	140.0	29,000*							140.0	23,800*	140.0	26,300*	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	16,600	200.0	13,600		
				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	14,600	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	9,600	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	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)		
76.0	31,700*												
80.0	31,400*												
86.0	31,100*												
90.0	30,700*												
96.0	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*								
160.0	21,700*	160.0	22,600*	160.0	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				
						260.0	9,800*	260.0	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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