

KOBELCO

Hydraulic Crawler Crane

CK2750G₋₂

Max. Lifting Capacity : 275 US Tons

Max. Crane Boom Length : 300 ft

Max. Fixed Jib Combination : 250 ft + 100 ft

Max. Lifting Capacity - Luffing: 330,600 lbs

Max. Crane Boom Length : 200 ft

Max. Luffing Jib Length : 200 ft



CK2750G-2

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General Description



Type	Crawler mounted, Lattice boom, Hydraulic controlled
Maximum lift capacity	550,000 lbs (249,476 kg) @ 15' operating radius (50' boom)
Basic boom length	50' (15.2 m)
Maximum boom length	300' (91.4 m)
Basic boom & jib length	100' + 40' (30.5 m + 12.2 m)
Maximum boom & jib length	250' + 100' (76.2 m + 30.5 m)
Working weight	Approx. 508,175 lbs (230,500 kg)
Ground bearing pressure	Approx. 15.6 psi (107.6 kPa)
Gradeability	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

Width of upper machine w/operator's cab	9'10" (2.99 m)*
Radius of rear end (counterweights)	19'8" (6.00 m)
Counterweight ground clearance	4'10" (1.48 m)
Center of rotation to boom foot pin	4'7" (1.40 m)
Height from ground to boom foot pin	8'3" (2.53 m)
Height over gantry (raised)	18'2" (5.52 m)
Overall length of crawlers	29'5" (8.97 m)
Overall width of crawlers	25'4" (7.73 m)
Center to center, idler to sprocket	25'11" (7.90 m)
Shoe width	4'4" (1.33 m)
Ground clearance of body	1'5" (0.44 m)

Working Speed

Hoist line speed (front and rear drums)	360 ~ 10 ft/min (110 ~ 3 m/min)
Lowering line speed (front and rear drums)	360 ~ 10 ft/min (110 ~ 3 m/min)
Boom hoist line speed (front and rear drums)	72 ~ 6.6 ft/min x 2 (22 ~ 2 m/min x 2)
Boom lowering line speed (front and rear drums)	72 ~ 6.6 ft/min x 2 (22 ~ 2 m/min x 2)
Swing speed (max.)	2.2 rpm (2.2 min ⁻¹)
Travel speed (high/low)	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

Hino P11C-VN
(complies with Tier 4 final)

No. of cylinders	6
Bore X stroke	122 mm x 150 mm
Cycles	4
Total displacement	642 cu.in. (10.520 l)
Rated output SAE GROSS	363 HP / 1,850 rpm (271 kW / 1,850 min ⁻¹)

Maximum torque

1,084 lbf-ft / 1,400 rpm (1,469 Nm / 1,400 min⁻¹)

Starter	24 Volts / 6.0 kW
Alternator	24 Volts / 80 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 pedals.
Air cleaner	Dry type with replaceable paper element.
Fuel tank capacity	106 US gal. (400 liters)
Lube oil filters	Full flow and by-pass type with cartridge element type.
Fuel filter	Replaceable cartridge element.



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



Self Lifting Device - Standard Equipment

Counterweight and Carbody weight

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

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



Hydraulic system

Maximum pressure rating
4,626 psi (31.9MPa)

Cooling
Oil to air heat exchanger

Filtration
Full flow filters with replaceable paper elements

Reservoir capacity
171.7 US gal. (650 liters)

Hydraulic pumps:

Load hoist and propel

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

Boom hoist

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

Swing

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

Control system and auxiliary

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

Brake cooling system

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

Live Mast

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

Operators 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 adjustable short levers for the front and rear drum and the boom hoist control. Fine inching control on 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, plus individual speed dial controls for front, rear, and boom drums. At the left is the console mounted swing lever, an optional 3rd 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.



Line pull:

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

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

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.

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 -

618 mm P.C.D. x 864 mm Lg., grooved for 26 mm wire rope. Rope capacity is 1,575' (480 m) working length and 1,673' (510 m) storage length.

Rear drum -

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

3rd drum (optional) -

462 mm P.C.D. x 522 mm Lg., grooved for 22 mm wire rope. Rope capacity is 869' (265 m) working length and 909' (277 m) storage length.



Crane Attachments

Boom:

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

Maximum boom length	300' (91.4 m)
Basic boom length	50' (15.2 m)
Boom base section	25' (7.6 m)
Boom tip section	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, and lift lugs for rigging straps.

Boom insert

10' (3.1 m), 20' (6.1 m), 40' (12.2 m)

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.

Maximum jib length	100' (30.5 m)
Basic jib length	40' (12.2 m)
Jib base section	15' (4.6 m)
Jib tip section	15' (4.6 m)
Jib insert	10' (3.1 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
- DPF condition indicator

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

Safety Service

Function lock lever

Boom over hoist limit switch (camera)

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' (12.2 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)

Swing locks, anti drift, and mechanical

Boom backstops

Boom catwalks w/fall protection

Upper machinery catwalk, 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

G-Mode

The G-modes are a standard exclusive energy and fuel saving system, with up to 30% in fuel savings. 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

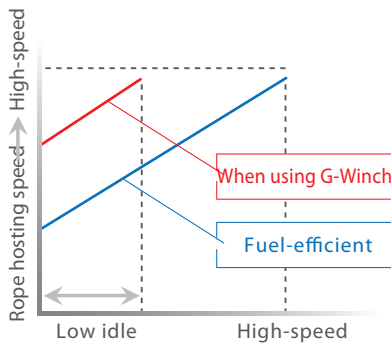
The AIS mode can conserve fuel by stopping the engine, with an operator prompt, after 10 seconds of idling time. Restarting the engine is simple by just twisting the throttle.



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 1,725 RPM and controls the pumps to make engine operation in the most efficient condition.



G-Winch



AIS



G-Engine



Exhaust cleaning DPR:

The DPR (diesel particulate active reduction system) burns PM (particulate matter) and includes:

- DPF: Diesel Particulate Filter
- SCR: Selective Catalytic Reduction
- DEF: Diesel Exhaust Fluid

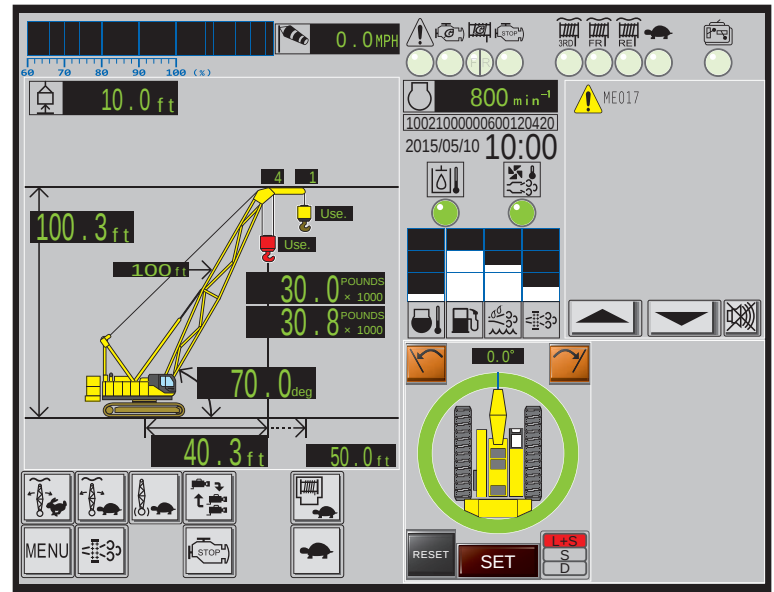
The DPR creates this new clean diesel system - although diesel engines consume less fuel and emit less CO₂ than gasoline engines, they also emit more harmful particulate matter and nitrogen oxide (NO_x). The “new clean energy system” engine utilizes a DPF, SCR and DEF to reduce particulate matter, which is also kept to a minimum using negative ions. 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.

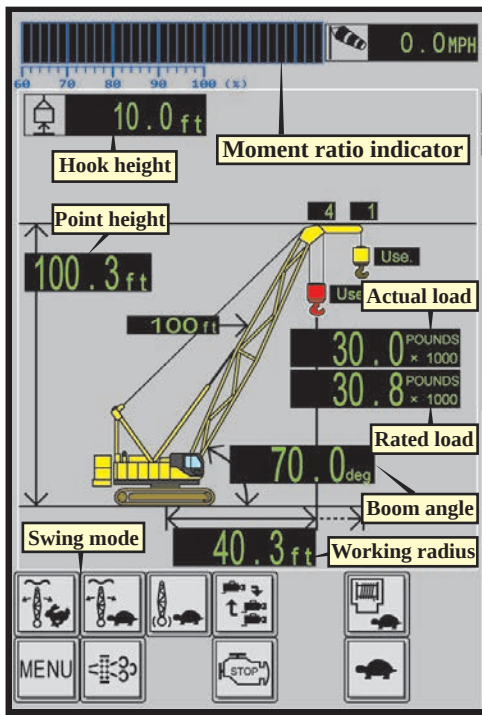
* Warning: High sulfur diesel will damage the engine.

Load Moment Indicator (LMI)

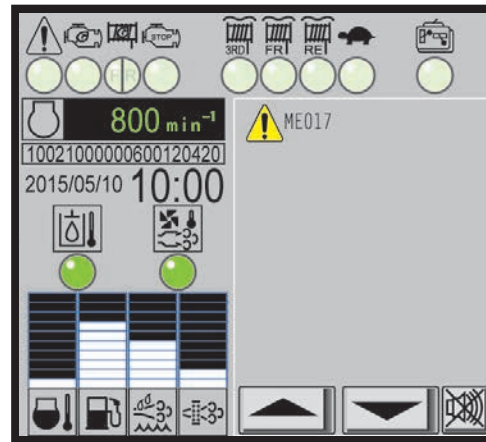
The Kobelco designed 12" touch panel screen with sunshade and screen protector is an industry first. This intuitive and easy to understand new touch screen monitor gives the operator a full display of essential data. Universal pictograms are used providing easy visual recognition, making this new technology 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, jib, reduced counterweight, barge, and clamshell.



Moment Limiter (Left Side)



Gauges (Right Side)



Display Lamp

G-Engine	Engine warning lamp
G-Winch	Remote control connection
AIS operation	Free fall (main/auxiliary)
Inching Mode	Free fall

Error Message

Touch to display details in a pop-up window.

Gauges

DEF gauge	Hydraulic oil temp lamp
Fuel gauge	Exhaust system cooling lamp
Diesel particulate filter gauge	
Coolant temperature	

* Figures for the above gauges are only shown when the bar is touched.

Main Menu



Crane Config.

Angle/Radius Limiter

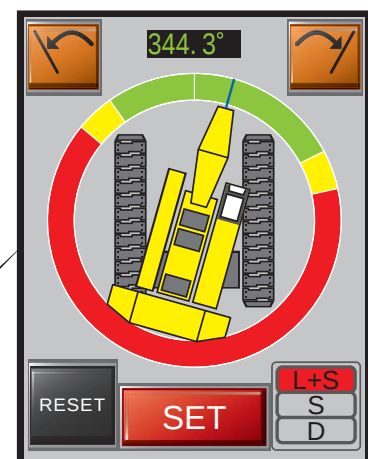
Self Check Mode

Adjustment Mode

Service Mode

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.



Winch Performance Data

Note:

Line speed and line pull based on Hino P11C-VN at 1,850 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

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 (511.7 m)

		Line speed (ft/min)					
Layer		1	2	3	4	5	6
Line Pull (lbs)	0	361	387	413	438	464	storage only
	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	
	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)		198	211	226	240	254	268

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 = 911 ft (277.8 m)

		Line speed (ft/min)					
Layer		1	2	3	4	5	6
Line Pull (lbs)	0	177	192	206	220	235	storage only
	5,000	178	192	206	220	234	
	10,000	176	189	203	217	231	
	15,000	174	187	201	214	227	
	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

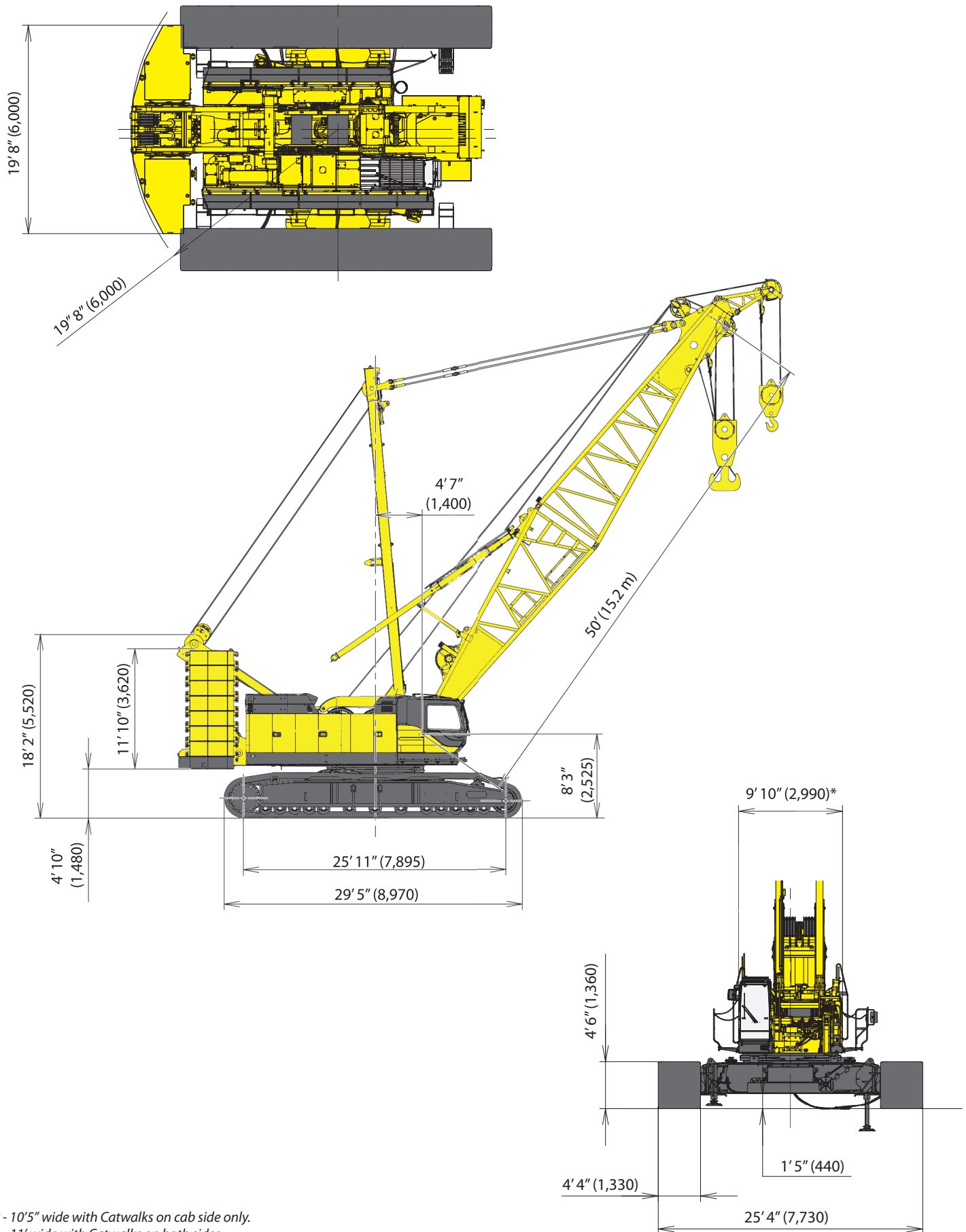
Wire Rope Specifications

Use	Construction	No load diameter	Length	Safety Factor	Required minimum breaking strength
Front drum	UNI rope (U3 x SeS48) Regular lay, Right hand lay	1.049" to 1.070" (26.65 mm to 27.17 mm)	1,509ft (460 m)	3.5: 1	135,110 lbf (601 kN)
Rear drum	UNI rope (U3 x SeS48) Regular lay, Right hand lay	1.049" to 1.070" (26.65 mm to 27.17 mm)	1,280ft (390 m)	3.5: 1	135,110 lbf (601 kN)
Boom drum (Luffing boom hoist)	6 x 31 P Warrington seal Right hand lay, Regular lay	1.049" to 1.070" (26.65 mm to 27.17 mm)	935ft (285 m)	3.5: 1	124,544 lbf (554 kN)
Third drum (Optional)	6 x 29 Filler IWRC Right hand lay, Regular lay	0.888" to 0.905" (22.55 mm to 22.99 mm)	869ft (265 m)	3.5: 1	81,606 lbf (363 kN)
Luffing jib hoist	6 x 31 P Warrington seal Right hand lay, Regular lay	0.888" to 0.905" (22.55 mm to 22.99 mm)	869ft (265 m)	3.5: 1	89,250 lbf (397 kN)

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SPECIFICATIONS

General Dimensions



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

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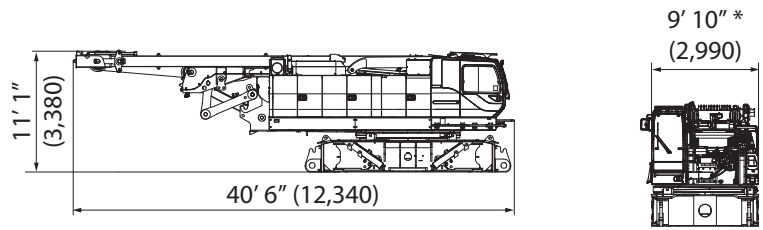
SPECIFICATIONS

Dimensions and Weight

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

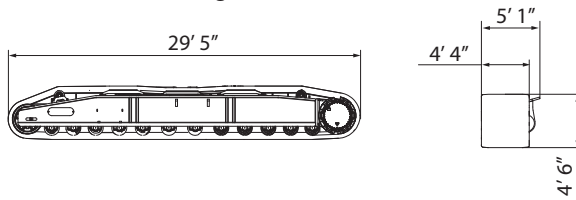
Base Machine - 1

Weight: 101,000 lbs (45,813 kg)
Gantry, mast, translifters, and
wire ropes (front, rear, and boom hoist)



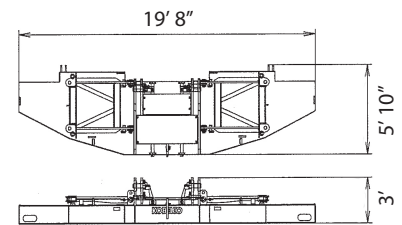
Crawler

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



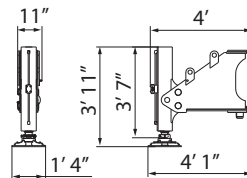
Counterweight Base

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



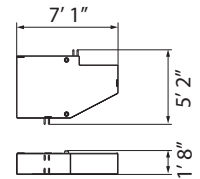
Translifter

Weight: 860 lbs (388 kg)



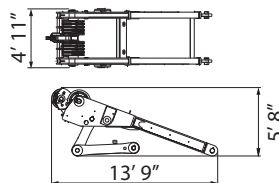
Counterweight B

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



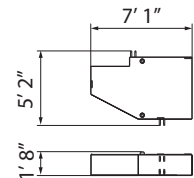
Gantry

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



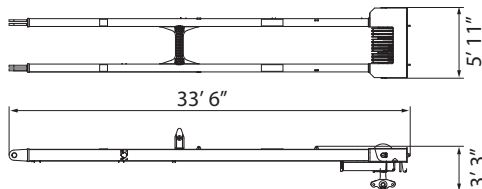
Counterweight C

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



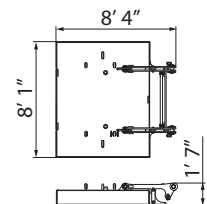
Mast

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



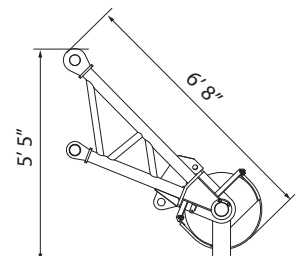
Carbody Weight Base

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



Auxiliary Sheave

Weight: 610 lbs (290 kg)



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

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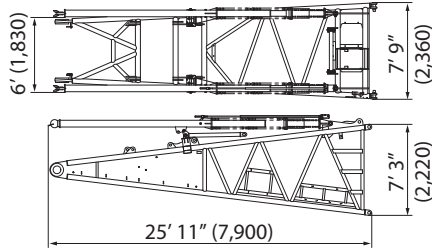
SPECIFICATIONS

Dimensions and Weight

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

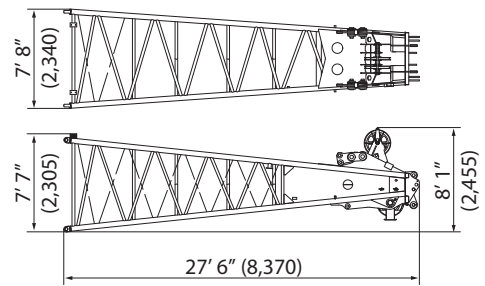
Boom Base (with backstop)

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



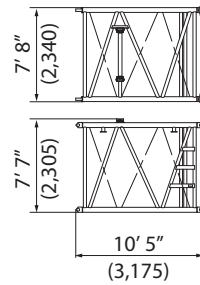
Boom Tip

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



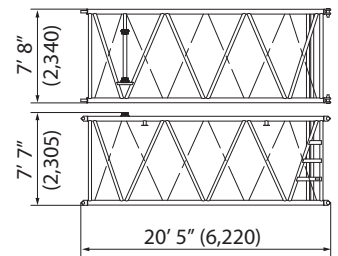
10 ft (3.0 m) Insert Boom

Weight: 1,965 lbs (890 kg)



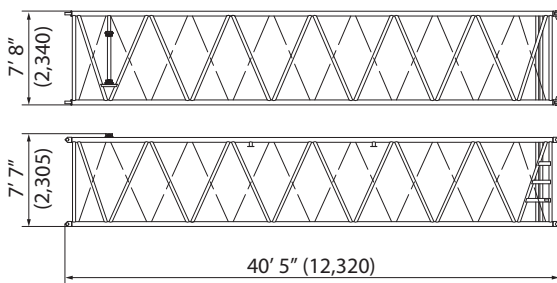
20 ft (6.1 m) Insert Boom

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



40 ft (12.2 m) Insert Boom

Weight: 5,600 lbs (2,537 kg)



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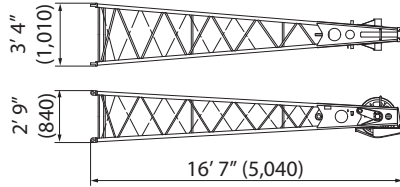
SPECIFICATIONS

Dimensions and Weight

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

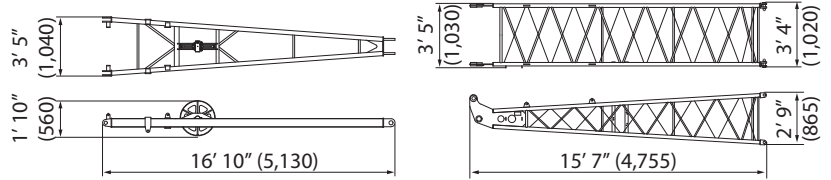
Jib Tip

Weight: 700 lbs (319 kg)



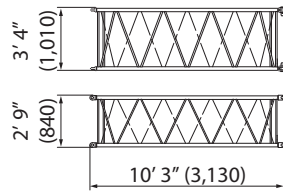
Jib Base and Strut

Weight: 1,125 lbs (510 kg)



10 ft (3.0 m) Jib Insert

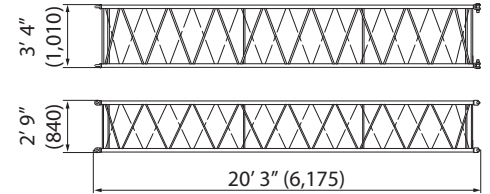
Weight: 245 lbs (110 kg)



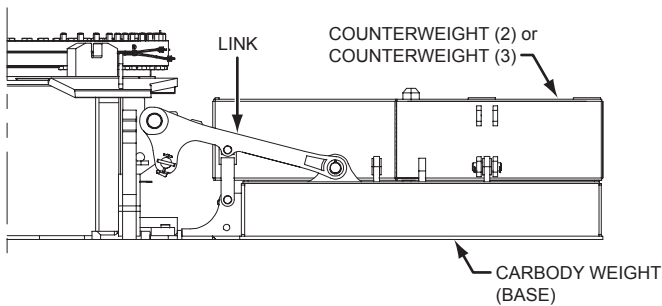
20 ft (6.1 m) Jib Insert

Weight: 420 lbs (190 kg)

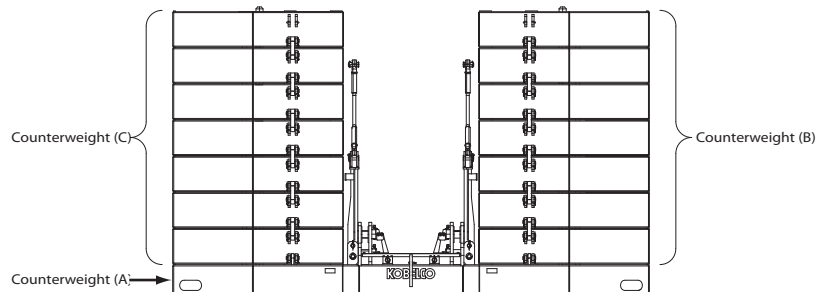
Includes cable roller and guy line.



Carbody Weight Assembly



Counterweight Assembly



Transportation Plan

Refer to pages 10-12

Shipping plan for 250 ft Boom and 100' Jib

Description of Item	Weight		Trailer Loads										
	lbs	(kg)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11
Base Machine	101,000	(45,813)	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 Insert Boom	1,965	(890)					2						
20 ft Insert Boom	3,175	(1,440)					1						
40 ft Insert Boom	5,600	(2,537)							1	1	1	1	
Boom Base w/backstop *	10,335	(4,690)				1							
Boom Tip	8,080	(3,665)											1
Jib Base w/strut	1,125	(510)						1					
10 ft Insert Jib	245	(110)						1					
20 ft Insert Jib and Guy Line	420	(190)							1	1	1		
Jib Tip	700	(319)						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)	101,000 (45,813)	53,230 (24,145)	53,230 (24,145)	34,105 (15,470)	43,575 (19,760)	40,230 (17,840)	41,675 (18,897)	42,285 (19,187)	42,986 (19,262)	41,255 (18,707)	31,850 (14,445)

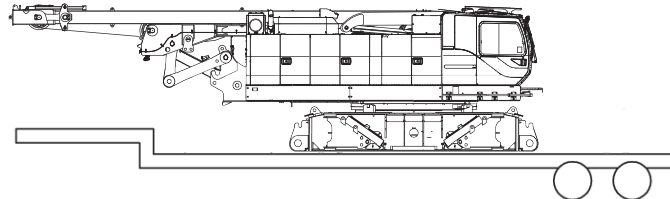
* Third drum is not included. Add 5,100 lbs to boom base if third drum is installed.

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

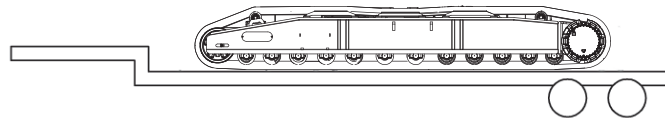
This may vary depending on truck/trailer weight, style of trailer and state law.

* Add 2,030 lbs with Free Fall.

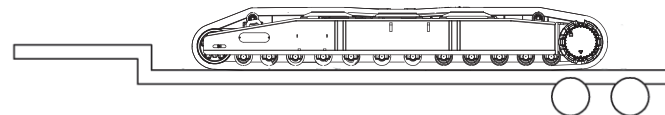
Trailer #1



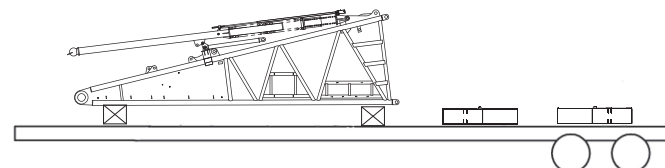
Trailer #2



Trailer #3



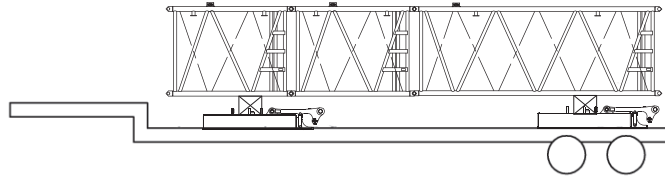
Trailer #4



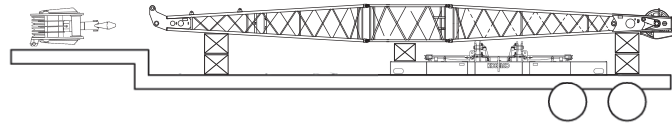
Transportation Plan

Refer to pages 10-12

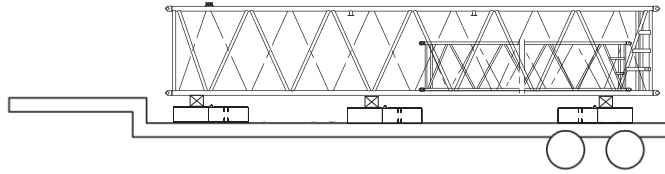
Trailer #5



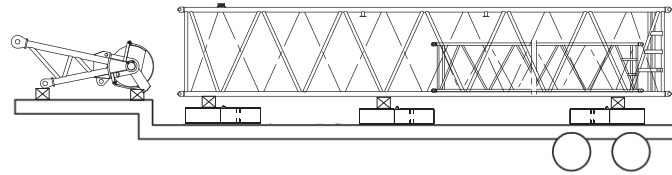
Trailer #6



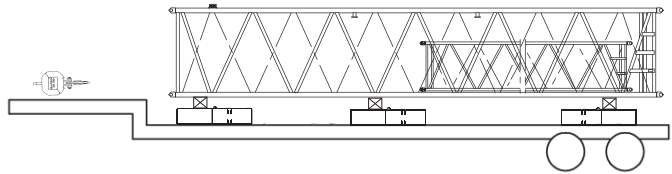
Trailer #7



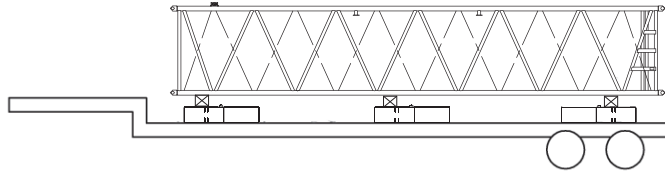
Trailer #8



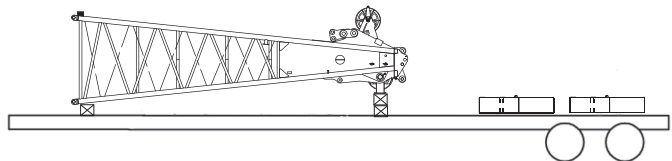
Trailer #9



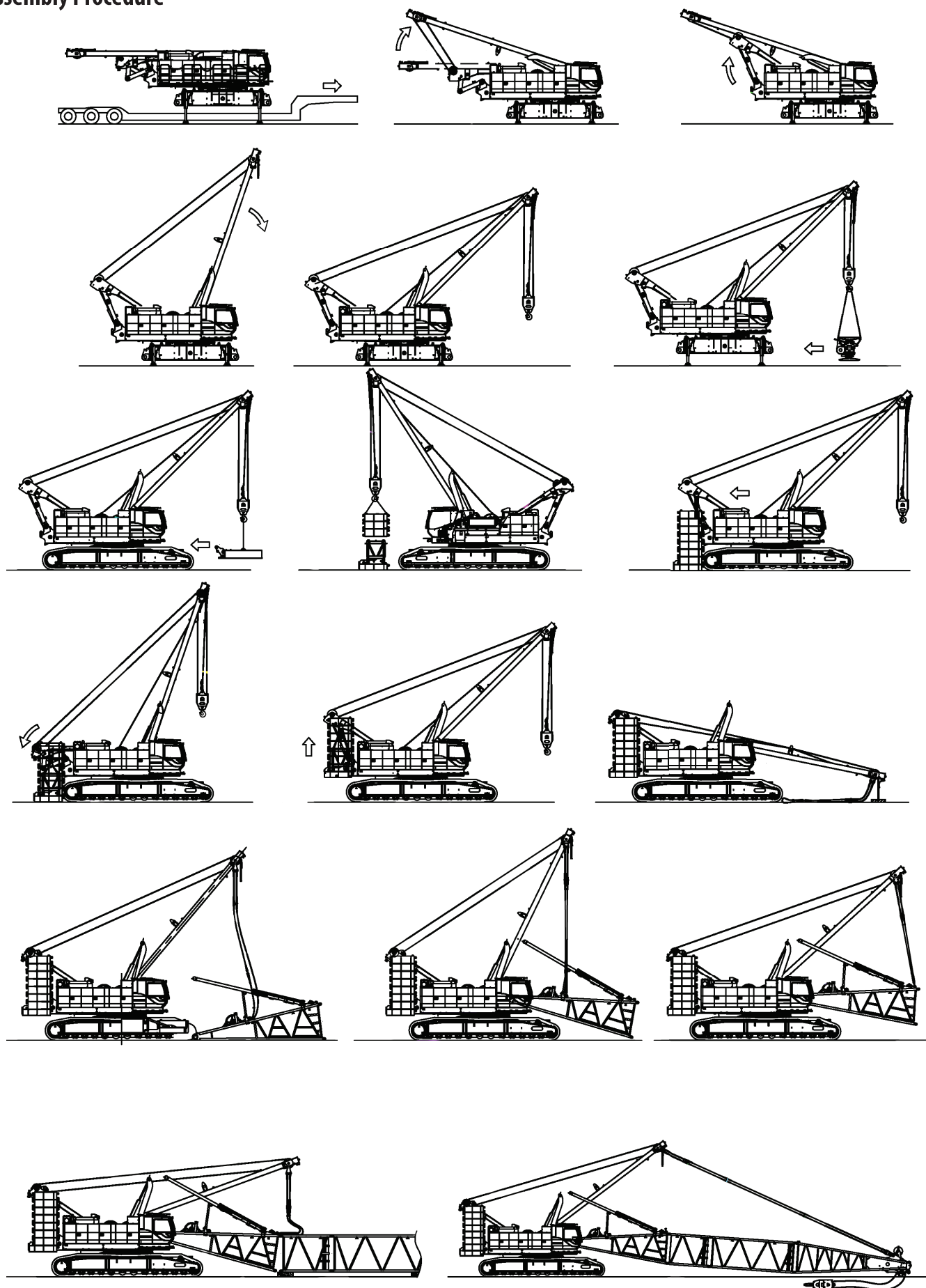
Trailer #10



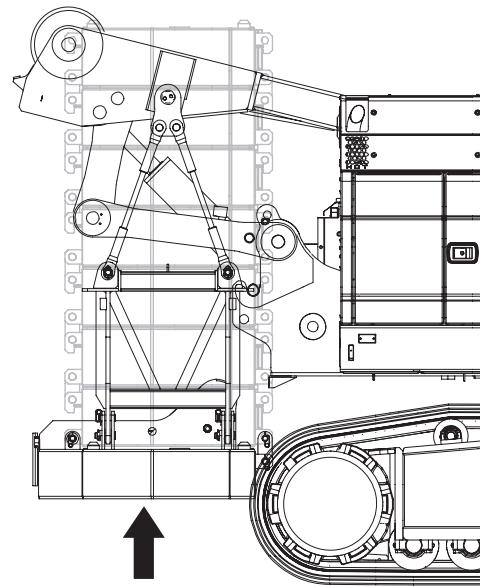
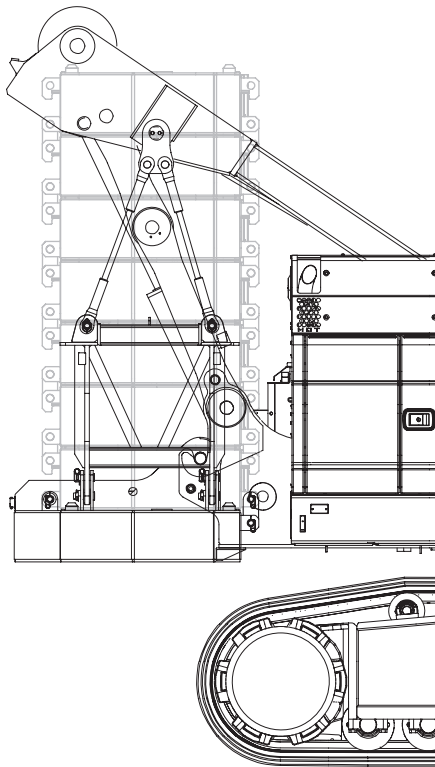
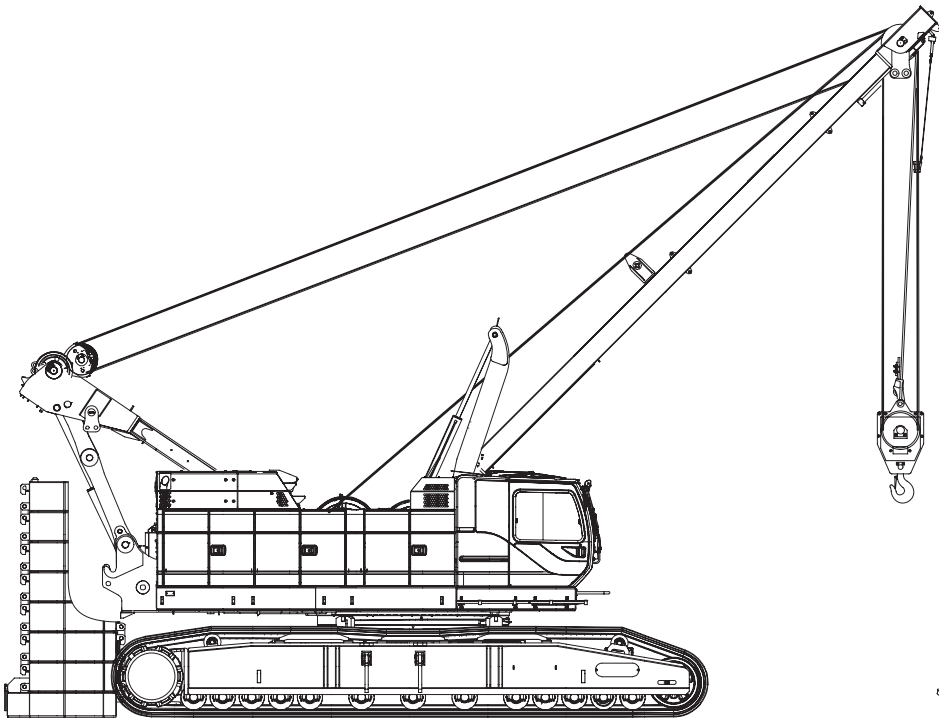
Trailer #11



Self-Assembly Procedure



Counterweight Self-Removal



Boom and Fixed Jib Arrangement

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)	※

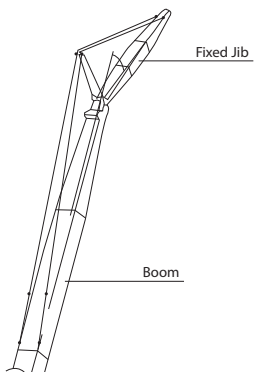
Symbol	Boom Length	Remarks
	25.0 ft (7.6 m)	Boom Base
	25.0 ft (7.6 m)	Boom Top
	10.0 ft (3.0 m)	Insert Boom
	20.0 ft (6.1 m)	Insert Boom
	40.0 ft (12.2 m)	Insert Boom

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)	

↗ 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.

Fixed Jib Arrangement



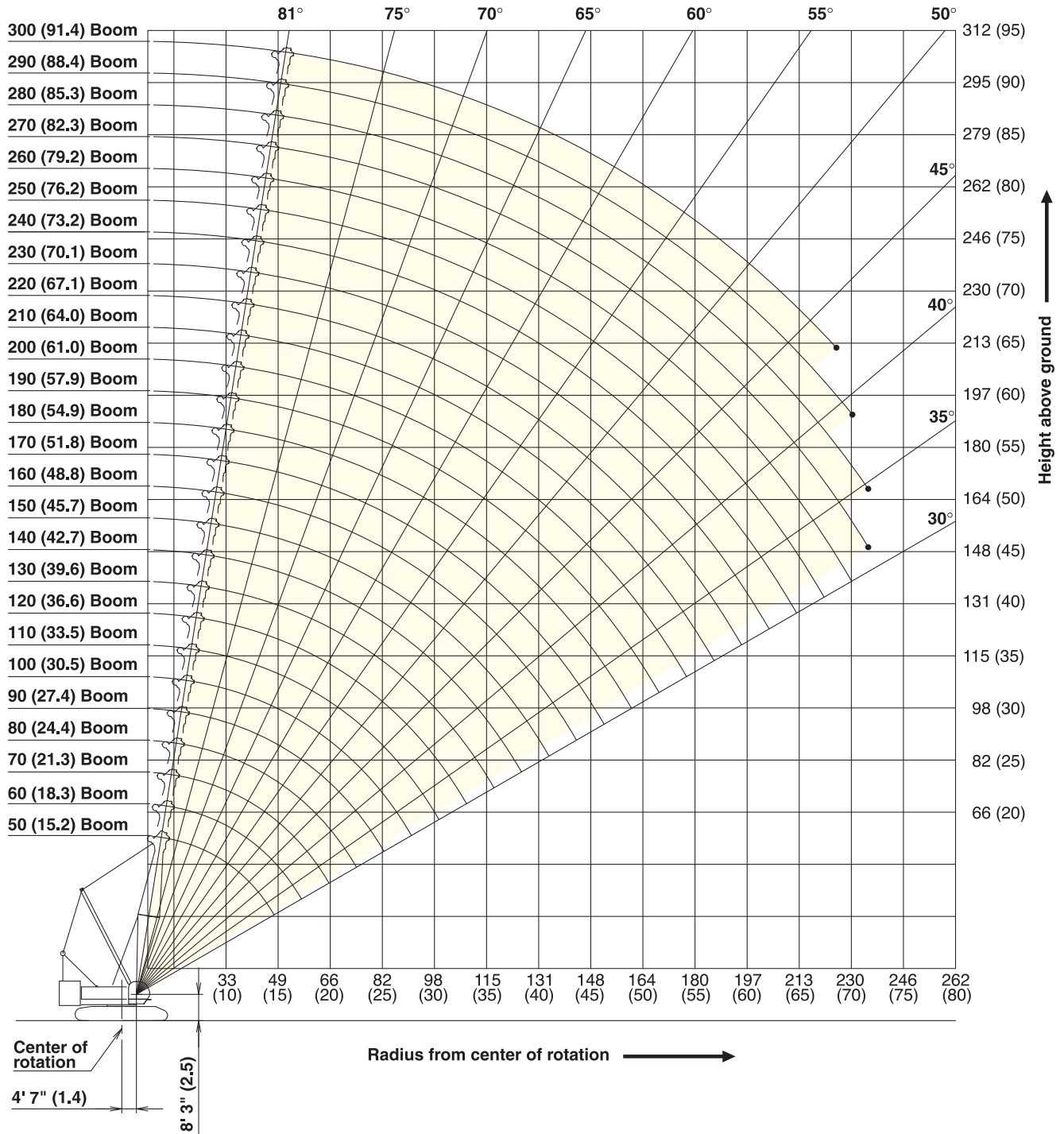
Crane boom length	Jib length ft (m)	Jib arrangement
90 ft (27.4 m) } 250 ft (76.2 m)	40 (12.2)	
	60 (18.3)	
	80 (24.4)	
	100 (30.5)	

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

Working Ranges

Main Boom

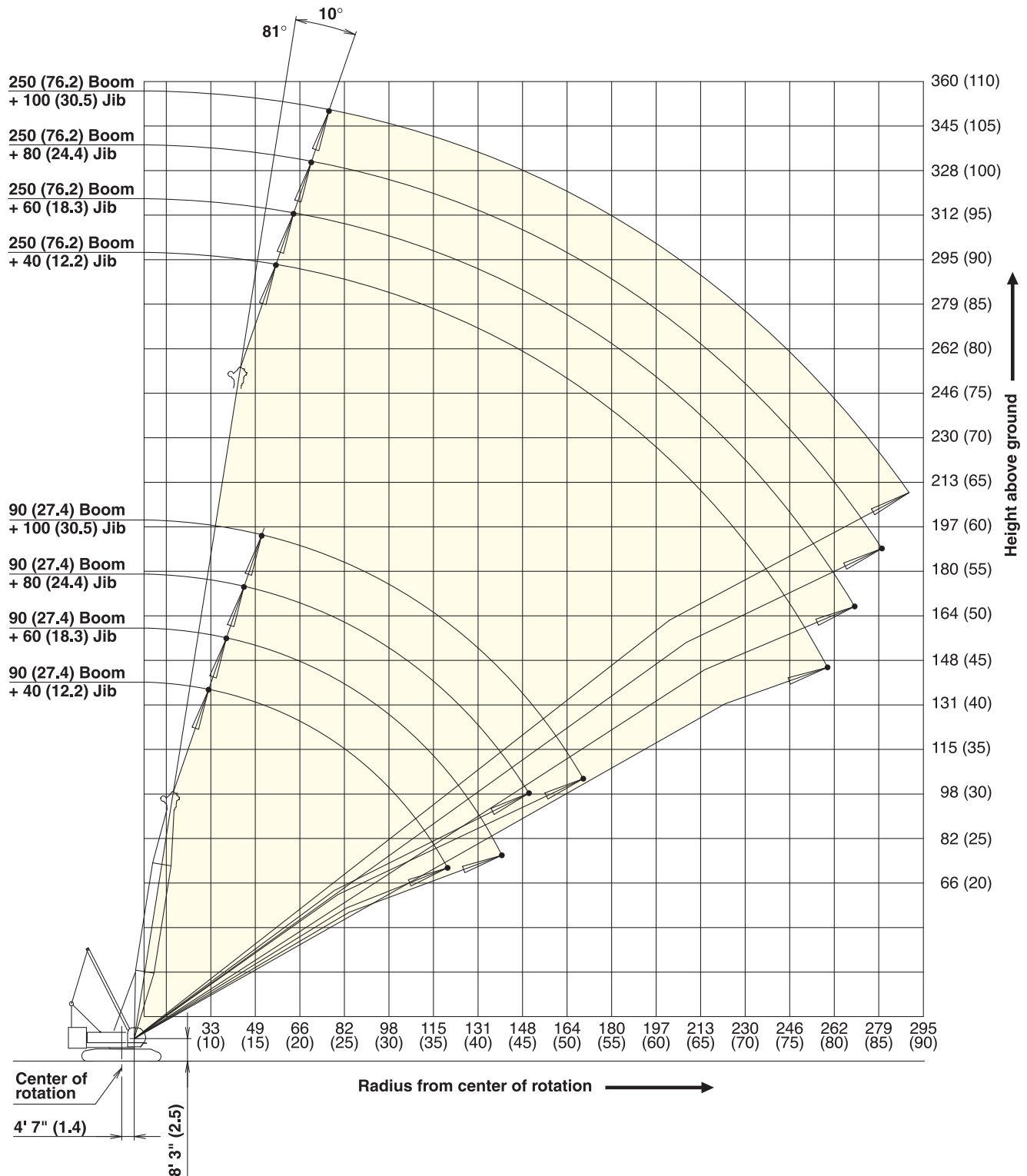
Unit : ft (m)



Working Ranges

Fixed Jib 10°

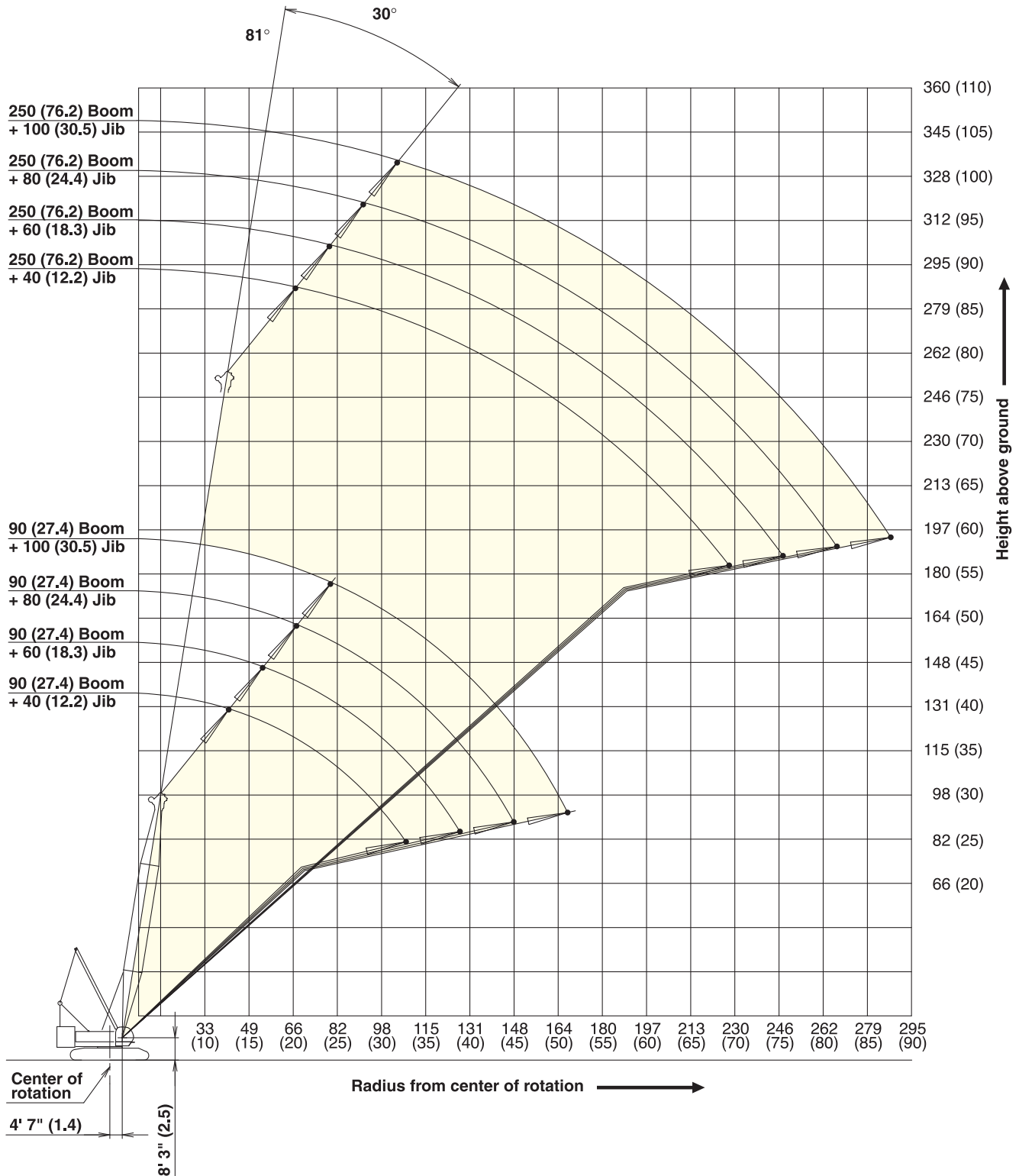
Unit : ft (m)



Working Ranges

Fixed Jib 30°

Unit : ft (m)



Supplemental Data

- 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.
 - 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.
- 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.
- The boom should be erected over the front of the crawlers, not laterally. When erecting and lowering the crane boom at a length of 290 ft (88.4 m) or over, and the crane boom with fixed jib at a length of 250 ft (76.2), the blocks for erections must be placed at the end of the crawlers.
- (Crane Boom Lifting)**
The total load that can be lifted is the value for weight of the main hook block, slings, and all other load handling accessories deducted from the crane boom ratings shown..
- (Crane Boom Lifting with Auxiliary Sheave Frame)**
The total load that can be lifted is the value for the weight of the main hook block, auxiliary sheave hook block, auxiliary sheave (700 lbs), slings, and all other load handling accessories deducted from the crane boom ratings shown.
- (Auxiliary Sheave Lifting for Crane Boom)**
The total load that can be lifted is the value for the weight of the main hook block, auxiliary sheave hook block, auxiliary sheave (700 lbs), slings, and all other load handling accessories deducted from the crane boom ratings shown, but should not exceed 59,500 lbs.

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

10. (Crane Boom Lifting with Fixed Jib)

The total load that can be lifted is the value for the weight of the main hook block, slings, and all other load handling accessories deducted from the crane boom with fixed jib ratings shown.

Boom lengths for jib mounting are 90 ft (27.4m) to 250 ft (76.2m).

11. (Fixed Jib Lifting)

The total load that can be lifted is the value for the weight of the jib hook block, slings, and all other load handling accessories deducted from the fixed jib ratings shown.

Boom lengths for jib mounting are 90 ft (27.4m) to 250 ft (76.2m).

One part line on hook block is not allowed for use on 40 ft (12.2m) jib length with offset angle of 10 degrees.

12. Least stable position is over the side.

13. 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

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

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

15. 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.

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

CK2750G-2

SPECIFICATIONS

Main Boom Lift Capacity

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

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		16	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
			100.7	30.0	54,600									
Reeves		12	Reeves		12	Reeves		10	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 21.

CK2750G-2

SPECIFICATIONS

Main Boom Lift Capacity

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

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 21.

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SPECIFICATIONS

Main Boom Lift Capacity

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

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 21.

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SPECIFICATIONS

Fixed Jib Lift Capacity

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

40' Jib Length														
90 ft Boom			100 ft Boom			110 ft Boom			120 ft Boom			130 ft 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)
21.6	80.0	373,400 *	23.2	80.0	329,500 *	25.2	80.0	307,500 *	26.9	80.0	271,800 *	28.5	80.0	246,400 *
22.0	79.7	367,800 *	24.0	79.6	324,700 *	26.0	79.5	303,700 *	28.0	79.4	268,700 *	30.0	79.4	242,400 *
24.0	78.4	338,900 *	26.0	78.4	310,900 *	28.0	78.4	285,800 *	30.0	78.4	260,300 *	32.0	78.5	232,900 *
26.0	77.1	313,100 *	28.0	77.3	289,100 *	30.0	77.4	267,100 *	32.0	77.5	242,700 *	34.0	77.5	221,300 *
28.0	75.8	291,900 *	30.0	76.1	267,700 *	32.0	76.3	249,200 *	34.0	76.5	227,500 *	36.0	76.6	208,300 *
30.0	74.5	271,600 *	32.0	74.9	251,100 *	34.0	75.2	232,800 *	36.0	75.5	213,900 *	38.0	75.7	195,300 *
32.0	73.2	252,400 *	34.0	73.7	234,800 *	36.0	74.1	217,200 *	38.0	74.5	200,200 *	40.0	74.8	183,100 *
34.0	71.8	235,000 *	36.0	72.5	218,600 *	38.0	73.1	201,700 *	40.0	73.5	187,100 *	42.0	73.9	172,500 *
36.0	70.5	218,800 *	38.0	71.3	202,400 *	40.0	72.0	187,300 *	42.0	72.5	175,200 *	44.0	73.0	161,900 *
38.0	69.1	202,600 *	40.0	70.1	187,600 *	42.0	70.8	175,400 *	44.0	71.5	163,300 *	46.0	72.0	151,300 *
40.0	67.7	187,800 *	42.0	68.8	175,700 *	44.0	69.7	163,600 *	46.0	70.5	151,600 *	48.0	71.1	143,200 *
42.0	66.3	175,900 *	44.0	67.6	163,800 *	46.0	68.6	151,800 *	48.0	69.5	143,400 *	50.0	70.2	135,100 *
44.0	64.9	164,000 *	46.0	66.3	152,000 *	48.0	67.5	143,700 *	50.0	68.4	135,300 *	55.0	67.8	117,500 *
46.0	63.5	152,200 *	48.0	65.1	143,900 *	50.0	66.3	135,500 *	55.0	65.8	117,800 *	60.0	65.4	103,400 *
48.0	62.0	144,100 *	50.0	63.8	135,700 *	55.0	63.4	118,000 *	60.0	63.2	103,600 *	65.0	62.9	92,200 *
50.0	60.6	136,000 *	55.0	60.5	118,200 *	60.0	60.5	103,900 *	65.0	60.4	92,400 *	70.0	60.4	83,000 *
55.0	56.8	118,400 *	60.0	57.1	104,100 *	65.0	57.4	92,600 *	70.0	57.6	83,200 *	75.0	57.8	75,100 *
60.0	52.9	104,300 *	65.0	53.6	93,000 *	70.0	54.2	83,400 *	75.0	54.7	75,300 *	80.0	55.2	68,400 *
65.0	48.7	93,200 *	70.0	49.9	84,000 *	75.0	50.9	75,600 *	80.0	51.7	68,600 *	85.0	52.4	62,500 *
70.0	44.2	84,200 *	75.0	46.0	76,100 *	80.0	47.4	68,800 *	85.0	48.6	62,700 *	90.0	49.5	57,500 *
75.0	39.3	76,300 *	80.0	41.8	69,300 *	85.0	43.8	62,900 *	90.0	45.3	57,800 *	95.0	46.5	53,100 *
80.0	33.9	69,400 *	85.0	37.3	63,600 *	90.0	39.7	58,100 *	95.0	41.7	53,300 *	100.0	43.4	49,100 *
83.3	30.0	65,400 *	90.0	32.0	58,600 *	95.0	35.4	53,800 *	100.0	38.0	49,400 *	110.0	36.4	42,400 *
			91.8	30.0	56,800 *	100.0	30.6	49,800 *	109.2	30.0	43,400 *	117.7	30.0	38,300 *
						100.7	30.0	49,300 *						
Reeves		14	Reeves		12	Reeves		12	Reeves		10	Reeves		10
40' Jib Length														
140 ft Boom			150 ft Boom			160 ft Boom			170 ft Boom			180 ft 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)
30.1	80.0	228,100 *	32.1	80.0	208,700 *	33.7	80.0	196,600 *	35.4	80.0	179,400 *	37.4	80.0	172,300 *
32.0	79.3	223,200 *	34.0	79.2	201,000 *	34.0	79.9	195,700 *	36.0	79.8	177,800 *	38.0	79.8	170,100 *
34.0	78.5	214,000 *	36.0	78.5	192,400 *	36.0	79.2	187,500 *	38.0	79.1	172,200 *	40.0	79.1	162,500 *
36.0	77.6	202,200 *	38.0	77.7	183,800 *	38.0	78.5	179,300 *	40.0	78.5	166,000 *	42.0	78.5	155,000 *
38.0	76.8	190,400 *	40.0	76.9	175,100 *	40.0	77.7	171,000 *	42.0	77.8	158,400 *	44.0	77.8	147,400 *
40.0	75.9	179,300 *	42.0	76.1	166,500 *	42.0	77.0	162,700 *	44.0	77.1	150,800 *	46.0	77.2	140,000 *
42.0	75.1	169,900 *	44.0	75.3	157,800 *	44.0	76.2	154,400 *	46.0	76.4	143,300 *	48.0	76.5	134,000 *
44.0	74.2	160,500 *	46.0	74.5	149,200 *	46.0	75.5	146,100 *	48.0	75.7	137,100 *	50.0	75.8	128,100 *
46.0	73.4	151,100 *	48.0	73.7	141,600 *	48.0	74.8	139,400 *	50.0	75.0	130,900 *	55.0	74.2	114,400 *
48.0	72.5	143,000 *	50.0	72.9	134,000 *	50.0	74.0	132,700 *	55.0	73.2	116,100 *	60.0	72.5	102,100 *
50.0	71.6	134,900 *	55.0	70.9	117,100 *	55.0	72.1	116,900 *	60.0	71.5	102,500 *	65.0	70.8	90,800 *
55.0	69.5	117,300 *	60.0	68.9	103,000 *	60.0	70.2	102,800 *	65.0	69.7	91,300 *	70.0	69.1	81,700 *
60.0	67.3	103,200 *	65.0	66.8	91,700 *	65.0	68.3	91,500 *	70.0	67.8	81,900 *	75.0	67.4	73,700 *
65.0	65.0	91,900 *	70.0	64.7	82,500 *	70.0	66.4	82,300 *	75.0	66.0	74,000 *	80.0	65.7	66,800 *
70.0	62.7	82,800 *	75.0	62.5	74,700 *	75.0	64.4	74,400 *	80.0	64.1	67,200 *	85.0	63.9	60,700 *
75.0	60.4	74,900 *	80.0	60.4	67,900 *	80.0	62.4	67,500 *	85.0	62.2	61,200 *	90.0	62.1	55,800 *
80.0	58.0	68,100 *	85.0	58.1	62,000 *	85.0	60.3	61,800 *	90.0	60.3	56,200 *	95.0	60.3	51,400 *
85.0	55.5	62,300 *	90.0	55.8	56,900 *	90.0	58.2	56,700 *	95.0	58.3	51,900 *	100.0	58.4	47,500 *
90.0	53.0	57,300 *	95.0	53.5	52,400 *	95.0	56.1	52,200 *	100.0	56.3	47,900 *	110.0	54.6	40,600 *
95.0	50.3	52,900 *	100.0	51.0	48,400 *	100.0	53.9	48,200 *	110.0	52.1	41,100 *	120.0	50.6	35,100 *
100.0	47.6	48,900 *	110.0	45.9	41,500 *	110.0	49.3	41,300 *	120.0	47.7	35,600 *	130.0	46.3	30,500 *
110.0	41.7	42,200 *	120.0	40.2	36,300 *	120.0	44.3	36,000 *	130.0	42.9	31,100 *	140.0	41.6	26,800 *
120.0	35.0	36,900 *	130.0	33.8	31,600 *	130.0	38.9	31,400 *	140.0	37.6	27,100 *	150.0	36.6	23,200 *
126.6	30.0	33,700 *	135.1	30.0	29,500 *	140.0	32.6	27,700 *	150.0	31.7	23,800 *	160.0	30.7	20,300 *
						144.0	30.0	26,400 *	152.5	30.0	23,300 *	161.0	30.0	20,000 *
Reeves		8	Reeves		8	Reeves		7	Reeves		7	Reeves		6

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 21.

CK2750G-2

SPECIFICATIONS

Fixed Jib Lift Capacity

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

40' Jib Length														
190 ft Boom			200 ft Boom			210 ft Boom			220 ft Boom			230 ft 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)
39.0	80.0	160,700 *	40.6	80.0	144,800 *	42.3	80.0	142,100 *	44.2	80.0	134,000 *	45.9	80.0	124,500 *
40.0	79.7	157,400 *	42.0	79.6	141,900 *	44.0	79.6	137,100 *	46.0	79.5	128,500 *	46.0	79.9	124,300 *
42.0	79.1	150,600 *	44.0	79.0	137,400 *	46.0	79.0	131,200 *	48.0	79.0	123,200 *	48.0	79.5	119,000 *
44.0	78.5	143,900 *	46.0	78.5	132,900 *	48.0	78.5	125,700 *	50.0	78.5	117,900 *	50.0	79.0	113,600 *
46.0	77.8	137,100 *	48.0	77.9	127,800 *	50.0	77.9	120,300 *	55.0	77.1	106,000	55.0	77.7	102,200
48.0	77.2	131,300 *	50.0	77.3	122,600 *	55.0	76.5	108,000	60.0	75.8	95,700	60.0	76.4	93,200
50.0	76.6	125,500 *	55.0	75.8	110,400	60.0	75.1	97,500	65.0	74.4	87,000	65.0	75.1	84,800
55.0	75.0	112,500	60.0	74.3	99,400	65.0	73.7	88,600	70.0	73.1	79,600	70.0	73.8	77,800
60.0	73.5	101,100	65.0	72.8	90,000	70.0	72.2	80,300	75.0	71.7	72,300	75.0	72.5	71,300
65.0	71.9	90,300	70.0	71.3	81,000	75.0	70.8	72,500	80.0	70.3	65,300	80.0	71.2	65,000
70.0	70.3	81,400	75.0	69.8	73,100	80.0	69.3	65,500	85.0	68.9	59,600	85.0	69.9	59,000
75.0	68.7	73,500	80.0	68.3	66,300	85.0	67.9	59,800	90.0	67.5	54,500	90.0	68.6	53,900
80.0	67.0	66,500	85.0	66.7	60,300	90.0	66.4	54,700	95.0	66.1	49,900	95.0	67.2	49,300
85.0	65.4	60,500	90.0	65.1	55,200	95.0	64.9	50,100	100.0	64.7	45,800	100.0	65.8	45,400
90.0	63.7	55,600	95.0	63.5	50,700	100.0	63.4	46,000	110.0	61.7	39,100	110.0	63.1	38,600
95.0	62.0	51,000	100.0	61.9	46,600	110.0	60.3	39,300	120.0	58.7	33,500	120.0	60.2	32,900
100.0	60.3	46,900	110.0	58.6	39,900	120.0	57.0	33,800	130.0	55.6	28,900	130.0	57.3	28,100
110.0	56.7	40,200	120.0	55.2	34,300	130.0	53.7	29,300	140.0	52.4	24,500	140.0	54.3	23,500
120.0	53.0	34,800	130.0	51.6	29,800	140.0	50.2	25,100	150.0	49.0	20,800	150.0	51.1	20,100
130.0	49.1	30,100	140.0	47.8	25,800	150.0	46.6	21,200	160.0	45.4	17,800	160.0	47.8	16,900
140.0	45.0	26,200	150.0	43.8	22,300	160.0	42.6	18,000	170.0	41.6	15,100	170.0	44.4	14,200
150.0	40.5	22,800	160.0	39.4	19,000	170.0	38.4	15,500	180.0	37.5	12,700	180.0	40.6	11,600
160.0	35.5	19,600	170.0	34.6	16,200	180.0	33.7	13,200	190.0	32.9	10,600	190.0	36.6	9,500
169.9	30.0	16,700	178.4	30.0	14,300	187.3	30.0	11,600	195.8	30.0	9,400	200.0	32.2	7,600
												204.3	30.0	6,800
Reeves		6	Reeves		5	Reeves		5	Reeves		5	Reeves		5

40' Jib Length														
240 ft Boom			250 ft Boom											
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)									
47.5	80.0	113,900 *	49.5	80.0	102,000 *									
48.0	79.9	113,300 *	50.0	79.9	101,800 *									
50.0	79.4	110,200 *	55.0	78.7	97,100 *									
55.0	78.2	101,300	60.0	77.5	90,100									
60.0	77.0	91,500	65.0	76.3	81,900									
65.0	75.8	83,400	70.0	75.2	74,800									
70.0	74.5	76,200	75.0	74.0	68,600									
75.0	73.3	69,900	80.0	72.8	63,100									
80.0	72.0	64,200	85.0	71.6	58,000									
85.0	70.8	58,700	90.0	70.3	53,300									
90.0	69.5	53,600	95.0	69.1	48,900									
95.0	68.2	49,100	100.0	67.9	44,900									
100.0	66.9	45,100	110.0	65.4	38,000									
110.0	64.3	38,200	120.0	62.8	32,400									
120.0	61.6	32,700	130.0	60.2	27,000									
130.0	58.8	27,500	140.0	57.5	22,700									
140.0	56.0	23,000	150.0	54.8	19,000									
150.0	53.0	19,500	160.0	51.9	15,900									
160.0	50.0	16,500	170.0	48.9	13,100									
170.0	46.8	13,600	180.0	45.8	10,500									
180.0	43.4	11,200	190.0	42.5	8,200									
190.0	39.8	9,000	200.0	38.9	6,400									
200.0	35.8	7,000	203.4	37.6	5,900									
209.9	31.5	5,200												
Reeves		4	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 21.

CK2750G-2

SPECIFICATIONS

Fixed Jib Lift Capacity

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

60' Jib Length														
90 ft Boom			100 ft Boom			110 ft Boom			120 ft Boom			130 ft 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)
21.6	80.0	368,100 *	23.2	80.0	325,100 *	25.2	80.0	303,500 *	26.9	80.0	268,000 *	28.5	80.0	243,100 *
22.0	79.7	362,700 *	24.0	79.6	320,400 *	26.0	79.5	299,900 *	28.0	79.4	265,200 *	30.0	79.4	239,300 *
24.0	78.4	334,500 *	26.0	78.4	307,100 *	28.0	78.4	282,200 *	30.0	78.4	257,100 *	32.0	78.5	229,800 *
26.0	77.1	309,100 *	28.0	77.3	285,500 *	30.0	77.4	263,600 *	32.0	77.5	239,800 *	34.0	77.5	218,300 *
28.0	75.8	288,200 *	30.0	76.1	264,200 *	32.0	76.3	246,000 *	34.0	76.5	224,700 *	36.0	76.6	205,500 *
30.0	74.5	268,200 *	32.0	74.9	247,900 *	34.0	75.2	229,800 *	36.0	75.5	211,100 *	38.0	75.7	192,800 *
32.0	73.2	249,200 *	34.0	73.7	231,800 *	36.0	74.1	214,400 *	38.0	74.5	197,500 *	40.0	74.8	180,700 *
34.0	71.8	232,000 *	36.0	72.5	215,700 *	38.0	73.1	199,000 *	40.0	73.5	184,500 *	42.0	73.9	170,100 *
36.0	70.5	215,900 *	38.0	71.3	199,700 *	40.0	72.0	184,700 *	42.0	72.5	172,700 *	44.0	73.0	159,500 *
38.0	69.1	199,900 *	40.0	70.1	184,900 *	42.0	70.8	172,900 *	44.0	71.5	160,800 *	46.0	72.0	148,900 *
40.0	67.7	185,200 *	42.0	68.8	173,100 *	44.0	69.7	161,100 *	46.0	70.5	149,100 *	48.0	71.1	140,900 *
42.0	66.3	173,300 *	44.0	67.6	161,300 *	46.0	68.6	149,400 *	48.0	69.5	141,100 *	50.0	70.2	132,800 *
44.0	64.9	161,500 *	46.0	66.3	149,600 *	48.0	67.5	141,300 *	50.0	68.4	133,000 *	55.0	67.8	115,400 *
46.0	63.5	149,800 *	48.0	65.1	141,500 *	50.0	66.3	133,200 *	55.0	65.8	115,600 *	60.0	65.4	101,500 *
48.0	62.1	141,700 *	50.0	63.8	133,500 *	55.0	63.4	115,900 *	60.0	63.2	101,700 *	65.0	62.9	90,400 *
50.0	60.6	133,700 *	55.0	60.5	116,100 *	60.0	60.5	101,900 *	65.0	60.4	90,600 *	70.0	60.4	81,400 *
55.0	56.8	116,300 *	60.0	57.1	102,100 *	65.0	57.4	90,800 *	70.0	57.6	81,600 *	75.0	57.8	73,600 *
60.0	52.9	102,400 *	65.0	53.6	91,000 *	70.0	54.2	81,800 *	75.0	54.7	73,800 *	80.0	55.2	66,800 *
65.0	48.7	91,300 *	70.0	49.9	82,200 *	75.0	50.9	74,000 *	80.0	51.7	67,000 *	85.0	52.4	60,900 *
70.0	44.2	82,400 *	75.0	46.0	74,500 *	80.0	47.4	67,300 *	85.0	48.6	61,200 *	90.0	49.5	56,200 *
75.0	39.3	74,700 *	80.0	41.8	67,700 *	85.0	43.8	61,400 *	90.0	45.3	56,400 *	95.0	46.5	51,800 *
80.0	33.9	67,900 *	85.0	37.3	62,000 *	90.0	39.7	56,600 *	95.0	41.7	52,000 *	100.0	43.4	47,800 *
83.3	30.0	63,900 *	90.0	32.0	57,100 *	95.0	35.4	52,200 *	100.0	38.0	48,100 *	110.0	36.4	41,200 *
			91.8	30.0	55,300 *	100.0	30.6	48,400 *	109.2	30.0	42,100 *	117.7	30.0	37,000 *
Reeves		14	Reeves		12	Reeves		12	Reeves		10	Reeves		10
60' Jib Length														
140 ft Boom			150 ft Boom			160 ft Boom			170 ft Boom			180 ft 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)
30.1	80.0	225,000 *	32.1	80.0	205,900 *	33.7	80.0	194,000 *	35.4	80.0	177,000 *	37.4	80.0	169,900 *
32.0	79.3	220,300 *	34.0	79.2	198,200 *	34.0	79.9	193,100 *	36.0	79.8	175,400 *	38.0	79.8	167,700 *
34.0	78.5	211,200 *	36.0	78.5	189,700 *	36.0	79.2	185,100 *	38.0	79.1	169,800 *	40.0	79.1	160,300 *
36.0	77.6	199,500 *	38.0	77.7	181,200 *	38.0	78.5	177,000 *	40.0	78.5	163,600 *	42.0	78.5	152,800 *
38.0	76.8	187,900 *	40.0	76.9	172,700 *	40.0	77.7	168,900 *	42.0	77.8	156,100 *	44.0	77.8	145,400 *
40.0	75.9	176,900 *	42.0	76.1	164,100 *	42.0	77.0	160,600 *	44.0	77.1	148,500 *	46.0	77.2	138,000 *
42.0	75.1	167,500 *	44.0	75.3	155,500 *	44.0	76.2	152,300 *	46.0	76.4	141,100 *	48.0	76.5	132,100 *
44.0	74.2	158,100 *	46.0	74.5	147,000 *	46.0	75.5	144,100 *	48.0	75.7	135,000 *	50.0	75.8	126,100 *
46.0	73.4	148,700 *	48.0	73.7	139,400 *	48.0	74.8	137,300 *	50.0	75.0	129,000 *	55.0	74.2	112,500 *
48.0	72.5	140,600 *	50.0	72.9	131,800 *	50.0	74.0	130,500 *	55.0	73.2	114,300 *	60.0	72.5	100,400 *
50.0	71.6	132,600 *	55.0	70.9	115,000 *	55.0	72.1	114,800 *	60.0	71.5	100,600 *	65.0	70.8	89,300 *
55.0	69.5	115,200 *	60.0	68.9	101,000 *	60.0	70.2	100,800 *	65.0	69.7	89,500 *	70.0	69.1	80,100 *
60.0	67.3	101,200 *	65.0	66.8	89,900 *	65.0	68.3	89,700 *	70.0	67.8	80,300 *	75.0	67.4	72,200 *
65.0	65.0	90,200 *	70.0	64.7	80,900 *	70.0	66.4	80,700 *	75.0	66.0	72,500 *	80.0	65.7	65,400 *
70.0	62.7	81,100 *	75.0	62.5	73,100 *	75.0	64.4	72,900 *	80.0	64.1	65,700 *	85.0	63.9	59,400 *
75.0	60.4	73,300 *	80.0	60.4	66,400 *	80.0	62.4	66,100 *	85.0	62.2	59,800 *	90.0	62.1	54,500 *
80.0	58.0	66,600 *	85.0	58.1	60,500 *	85.0	60.3	60,300 *	90.0	60.3	54,900 *	95.0	60.3	50,100 *
85.0	55.5	60,700 *	90.0	55.8	55,400 *	90.0	58.2	55,200 *	95.0	58.3	50,600 *	100.0	58.4	46,200 *
90.0	53.0	55,900 *	95.0	53.5	51,000 *	95.0	56.1	50,800 *	100.0	56.3	46,600 *	110.0	54.6	39,500 *
95.0	50.3	51,500 *	100.0	51.0	47,100 *	100.0	53.9	46,800 *	110.0	52.1	39,700 *	120.0	50.6	33,900 *
100.0	47.6	47,600 *	110.0	45.9	40,300 *	110.0	49.3	40,100 *	120.0	47.7	34,300 *	130.0	46.3	29,400 *
110.0	41.7	40,800 *	120.0	40.2	35,000 *	120.0	44.3	34,700 *	130.0	42.9	29,800 *	140.0	41.6	25,500 *
120.0	35.0	35,700 *	130.0	33.8	30,500 *	130.0	38.9	30,200 *	140.0	37.6	26,000 *	150.0	36.6	21,900 *
126.6	30.0	32,600 *	135.1	30.0	28,400 *	140.0	32.6	26,600 *	150.0	31.7	22,700 *	160.0	30.7	19,000 *
						144.0	30.0	25,300 *	152.5	30.0	22,200 *	161.0	30.0	18,700 *
Reeves		8	Reeves		7	Reeves		7	Reeves		6	Reeves		6

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 21.

CK2750G-2

SPECIFICATIONS

Fixed Jib Lift Capacity

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

60' Jib Length														
190 ft Boom			200 ft Boom			210 ft Boom			220 ft Boom			230 ft 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)
39.0	80.0	158,500 *	40.6	80.0	142,600 *	42.3	80.0	139,900 *	44.2	80.0	132,000 *	45.9	80.0	122,500 *
40.0	79.7	155,200 *	42.0	79.6	139,700 *	44.0	79.6	135,000 *	46.0	79.5	126,500 *	46.0	79.9	122,300 *
42.0	79.1	148,500 *	44.0	79.0	135,300 *	46.0	79.0	129,200 *	48.0	79.0	121,300 *	48.0	79.5	117,000 *
44.0	78.5	141,800 *	46.0	78.5	130,900 *	48.0	78.5	123,700 *	50.0	78.5	116,100 *	50.0	79.0	111,700 *
46.0	77.8	135,100 *	48.0	77.9	125,800 *	50.0	77.9	118,300 *	55.0	77.1	104,300	55.0	77.7	100,500
48.0	77.2	129,300 *	50.0	77.3	120,600 *	55.0	76.5	106,100	60.0	75.8	94,200	60.0	76.4	91,400
50.0	76.6	123,600 *	55.0	75.8	108,500	60.0	75.1	95,700	65.0	74.4	85,500	65.0	75.1	83,200
55.0	75.0	110,700	60.0	74.3	97,600	65.0	73.7	86,800	70.0	73.1	78,100	70.0	73.8	76,400
60.0	73.5	99,500	65.0	72.8	88,400	70.0	72.2	78,600	75.0	71.7	70,800	75.0	72.5	69,900
65.0	71.9	88,800	70.0	71.3	79,400	75.0	70.8	71,100	80.0	70.3	64,000	80.0	71.2	63,500
70.0	70.3	79,800	75.0	69.8	71,600	80.0	69.3	64,200	85.0	68.9	58,300	85.0	69.9	57,600
75.0	68.7	71,900	80.0	68.3	64,800	85.0	67.9	58,500	90.0	67.5	53,200	90.0	68.6	52,500
80.0	67.0	65,000	85.0	66.7	58,700	90.0	66.4	53,400	95.0	66.1	48,600	95.0	67.2	48,100
85.0	65.4	59,200	90.0	65.1	53,800	95.0	64.9	48,800	100.0	64.7	44,500	100.0	65.8	44,200
90.0	63.7	54,200	95.0	63.5	49,300	100.0	63.4	44,700	110.0	61.7	37,900	110.0	63.1	37,500
95.0	62.0	49,700	100.0	61.9	45,400	110.0	60.3	38,100	120.0	58.7	32,400	120.0	60.2	31,800
100.0	60.3	45,600	110.0	58.6	38,600	120.0	57.0	32,700	130.0	55.6	27,600	130.0	57.3	26,600
110.0	56.7	38,900	120.0	55.2	33,200	130.0	53.7	28,000	140.0	52.4	23,100	140.0	54.3	22,000
120.0	53.0	33,600	130.0	51.6	28,700	140.0	50.2	23,500	150.0	49.0	19,400	150.0	51.1	18,500
130.0	49.1	28,900	140.0	47.8	24,600	150.0	46.6	19,900	160.0	45.4	16,400	160.0	47.8	15,500
140.0	45.0	24,900	150.0	43.8	20,800	160.0	42.6	16,600	170.0	41.6	13,800	170.0	44.4	12,900
150.0	40.5	21,200	160.0	39.4	17,600	170.0	38.4	14,000	180.0	37.5	11,300	180.0	40.6	10,300
160.0	35.5	18,100	170.0	34.6	14,900	180.0	33.7	11,800	190.0	32.9	9,300	190.0	36.6	8,200
169.9	30.0	15,400	178.4	30.0	12,700	187.3	30.0	10,300	195.8	30.0	8,100	200.0	32.2	6,300
												204.3	30.0	5,500
Reeves		6	Reeves		5	Reeves		5	Reeves		5	Reeves		5

60' Jib Length														
240 ft Boom			250 ft Boom											
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)									
47.5	80.0	112,200 *	49.5	80.0	100,300 *									
48.0	79.9	111,500 *	50.0	79.9	100,000 *									
50.0	79.4	108,500 *	55.0	78.7	95,400 *									
55.0	78.2	99,600	60.0	77.5	88,600									
60.0	77.0	89,900	65.0	76.3	80,300									
65.0	75.8	81,900	70.0	75.2	73,400									
70.0	74.5	74,700	75.0	74.0	67,200									
75.0	73.3	68,500	80.0	72.8	61,600									
80.0	72.0	62,900	85.0	71.6	56,700									
85.0	70.8	57,400	90.0	70.3	52,000									
90.0	69.5	52,300	95.0	69.1	47,600									
95.0	68.2	47,800	100.0	67.9	43,500									
100.0	66.9	43,800	110.0	65.4	36,700									
110.0	64.3	36,900	120.0	62.8	31,000									
120.0	61.6	31,300	130.0	60.2	25,500									
130.0	58.8	25,900	140.0	57.5	21,100									
140.0	56.0	21,500	150.0	54.8	17,600									
150.0	53.0	17,900	160.0	51.9	14,500									
160.0	50.0	15,100	170.0	48.9	11,800									
170.0	46.8	12,300	180.0	45.8	9,200									
180.0	43.4	9,900	190.0	42.5	7,100									
190.0	39.8	7,700	196.8	40.1	5,700									
200.0	35.8	5,800												
203.4	34.4	5,200												
Reeves		4	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 21.

CK2750G-2

SPECIFICATIONS

Fixed Jib Lift Capacity

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

80' Jib Length														
90 ft Boom			100 ft Boom			110 ft Boom			120 ft Boom			130 ft 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)
21.6	80.0	362,200 *	23.2	80.0	319,800 *	25.2	80.0	298,900 *	26.9	80.0	263,800 *	28.5	80.0	239,100 *
22.0	79.7	356,900 *	24.0	79.6	315,400 *	26.0	79.5	295,400 *	28.0	79.4	261,200 *	30.0	79.4	235,600 *
24.0	78.4	329,300 *	26.0	78.4	302,700 *	28.0	78.4	278,100 *	30.0	78.4	253,400 *	32.0	78.5	226,400 *
26.0	77.1	304,600 *	28.0	77.3	281,400 *	30.0	77.4	259,900 *	32.0	77.5	236,300 *	34.0	77.5	215,100 *
28.0	75.8	284,000 *	30.0	76.1	260,500 *	32.0	76.3	242,500 *	34.0	76.5	221,400 *	36.0	76.6	202,500 *
30.0	74.5	264,300 *	32.0	74.9	244,300 *	34.0	75.2	226,300 *	36.0	75.5	207,900 *	38.0	75.7	189,800 *
32.0	73.2	245,600 *	34.0	73.7	228,300 *	36.0	74.1	211,100 *	38.0	74.5	194,400 *	40.0	74.8	177,800 *
34.0	71.8	228,600 *	36.0	72.5	212,400 *	38.0	73.1	195,800 *	40.0	73.5	181,500 *	42.0	73.9	167,300 *
36.0	70.5	212,600 *	38.0	71.3	196,500 *	40.0	72.0	181,700 *	42.0	72.5	169,800 *	44.0	73.0	156,700 *
38.0	69.1	196,700 *	40.0	70.1	181,900 *	42.0	70.8	170,000 *	44.0	71.5	158,100 *	46.0	72.0	146,300 *
40.0	67.7	182,100 *	42.0	68.8	170,200 *	44.0	69.7	158,300 *	46.0	70.5	146,500 *	48.0	71.1	138,300 *
42.0	66.3	170,400 *	44.0	67.6	158,500 *	46.0	68.6	146,700 *	48.0	69.5	138,500 *	50.0	70.2	130,300 *
44.0	64.9	158,700 *	46.0	66.3	146,900 *	48.0	67.5	138,700 *	50.0	68.4	130,500 *	55.0	67.8	113,100 *
46.0	63.5	147,200 *	48.0	65.1	138,900 *	50.0	66.3	130,700 *	55.0	65.8	113,300 *	60.0	65.4	99,300 *
48.0	62.0	139,200 *	50.0	63.8	131,000 *	55.0	63.4	113,500 *	60.0	63.2	99,500 *	65.0	62.9	88,400 *
50.0	60.6	131,200 *	55.0	60.5	113,700 *	60.0	60.5	99,700 *	65.0	60.4	88,600 *	70.0	60.4	79,400 *
55.0	56.8	114,000 *	60.0	57.1	100,000 *	65.0	57.4	88,800 *	70.0	57.6	79,600 *	75.0	57.8	71,700 *
60.0	52.9	100,200 *	65.0	53.6	89,000 *	70.0	54.2	79,800 *	75.0	54.7	71,900 *	80.0	55.2	65,000 *
65.0	48.7	89,300 *	70.0	49.9	80,200 *	75.0	50.9	72,100 *	80.0	51.7	65,300 *	85.0	52.4	59,200 *
70.0	44.2	80,400 *	75.0	46.0	72,500 *	80.0	47.4	65,500 *	85.0	48.6	59,400 *	90.0	49.5	54,400 *
75.0	39.3	72,700 *	80.0	41.8	65,800 *	85.0	43.8	59,600 *	90.0	45.3	54,800 *	95.0	46.5	50,100 *
80.0	33.9	66,000 *	85.0	37.3	60,200 *	90.0	39.7	55,000 *	95.0	41.7	50,400 *	100.0	43.4	46,200 *
83.3	30.0	62,100 *	90.0	32.0	55,500 *	95.0	35.4	50,700 *	100.0	38.0	46,600 *	110.0	36.4	39,700 *
			91.8	30.0	53,700 *	100.0	30.6	46,700 *	109.2	30.0	40,700 *	117.7	30.0	35,700 *
						100.7	30.0	46,200 *						
Reeves		14	Reeves		12	Reeves		12	Reeves		10	Reeves		10
80' Jib Length														
140 ft Boom			150 ft Boom			160 ft Boom			170 ft Boom			180 ft 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)
30.1	80.0	221,500 *	32.1	80.0	202,600 *	33.7	80.0	190,900 *	35.4	80.0	173,900 *	37.4	80.0	167,100 *
32.0	79.3	216,900 *	34.0	79.2	195,200 *	34.0	79.9	190,000 *	36.0	79.8	172,400 *	38.0	79.8	164,900 *
34.0	78.5	208,100 *	36.0	78.5	186,800 *	36.0	79.2	182,100 *	38.0	79.1	167,000 *	40.0	79.1	157,700 *
36.0	77.6	196,600 *	38.0	77.7	178,500 *	38.0	78.5	174,100 *	40.0	78.5	161,000 *	42.0	78.5	150,300 *
38.0	76.8	185,100 *	40.0	76.9	170,100 *	40.0	77.7	166,000 *	42.0	77.8	153,600 *	44.0	77.8	142,900 *
40.0	75.9	174,200 *	42.0	76.1	161,700 *	42.0	77.0	157,900 *	44.0	77.1	146,200 *	46.0	77.2	135,600 *
42.0	75.1	164,800 *	44.0	75.3	153,200 *	44.0	76.2	149,800 *	46.0	76.4	138,900 *	48.0	76.5	129,800 *
44.0	74.2	155,400 *	46.0	74.5	144,800 *	46.0	75.5	141,700 *	48.0	75.7	132,800 *	50.0	75.8	124,000 *
46.0	73.4	146,100 *	48.0	73.7	137,100 *	48.0	74.8	134,900 *	50.0	75.0	126,800 *	55.0	74.2	110,500 *
48.0	72.5	138,100 *	50.0	72.9	129,400 *	50.0	74.0	128,100 *	55.0	73.2	112,100 *	60.0	72.5	98,200 *
50.0	71.6	130,100 *	55.0	70.9	112,600 *	55.0	72.1	112,400 *	60.0	71.5	98,400 *	65.0	70.8	87,300 *
55.0	69.5	112,900 *	60.0	68.9	98,900 *	60.0	70.2	98,600 *	65.0	69.7	87,500 *	70.0	69.1	78,300 *
60.0	67.3	99,100 *	65.0	66.8	87,900 *	65.0	68.3	87,700 *	70.0	67.8	78,500 *	75.0	67.4	70,500 *
65.0	65.0	88,200 *	70.0	64.7	78,900 *	70.0	66.4	78,700 *	75.0	66.0	70,800 *	80.0	65.7	63,700 *
70.0	62.7	79,200 *	75.0	62.5	71,200 *	75.0	64.4	71,000 *	80.0	64.1	64,200 *	85.0	63.9	57,800 *
75.0	60.4	71,500 *	80.0	60.4	64,600 *	80.0	62.4	64,400 *	85.0	62.2	58,300 *	90.0	62.1	52,900 *
80.0	58.0	64,800 *	85.0	58.1	58,700 *	85.0	60.3	58,500 *	90.0	60.3	53,400 *	95.0	60.3	48,600 *
85.0	55.5	58,900 *	90.0	55.8	53,800 *	90.0	58.2	53,600 *	95.0	58.3	49,000 *	100.0	58.4	44,600 *
90.0	53.0	54,200 *	95.0	53.5	49,400 *	95.0	56.1	49,200 *	100.0	56.3	45,100 *	110.0	54.6	38,100 *
95.0	50.3	49,900 *	100.0	51.0	45,600 *	100.0	53.9	45,400 *	110.0	52.1	38,400 *	120.0	50.6	32,600 *
100.0	47.6	46,000 *	110.0	45.9	38,900 *	110.0	49.3	38,600 *	120.0	47.7	33,000 *	130.0	46.3	28,000 *
110.0	41.7	39,500 *	120.0	40.2	33,700 *	120.0	44.3	33,400 *	130.0	42.9	28,700 *	140.0	41.6	24,100 *
120.0	35.0	34,300 *	130.0	33.8	29,100 *	130.0	38.9	28,900 *	140.0	37.6	24,600 *	150.0	36.6	20,400 *
126.6	30.0	31,300 *	135.1	30.0	27,100 *	140.0	32.6	25,300 *	150.0	31.7	21,200 *	160.0	30.7	17,300 *
						144.0	30.0	24,000 *	152.5	30.0	20,500 *	161.0	30.0	16,900 *
Reeves		8	Reeves		7	Reeves		7	Reeves		6	Reeves		6

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 21.

CK2750G-2

SPECIFICATIONS

Fixed Jib Lift Capacity

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

80' Jib Length														
190 ft Boom			200 ft Boom			210 ft Boom			220 ft Boom			230 ft 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)
39.0	80.0	155,800 *	40.6	80.0	140,200 *	42.3	80.0	137,500 *	44.2	80.0	129,800 *	45.9	80.0	120,300 *
40.0	79.7	152,600 *	42.0	79.6	137,300 *	44.0	79.6	132,700 *	46.0	79.5	124,300 *	46.0	79.9	120,100 *
42.0	79.1	146,100 *	44.0	79.0	133,100 *	46.0	79.0	127,000 *	48.0	79.0	119,200 *	48.0	79.5	114,900 *
44.0	78.5	139,500 *	46.0	78.5	128,700 *	48.0	78.5	121,600 *	50.0	78.5	114,000 *	50.0	79.0	109,700 *
46.0	77.8	132,900 *	48.0	77.9	123,600 *	50.0	77.9	116,200 *	55.0	77.1	102,300	55.0	77.7	98,600
48.0	77.2	127,200 *	50.0	77.3	118,500 *	55.0	76.5	104,200	60.0	75.8	92,200	60.0	76.4	89,700
50.0	76.6	121,500 *	55.0	75.8	106,600	60.0	75.1	94,000	65.0	74.4	83,700	65.0	75.1	81,600
55.0	75.0	108,700	60.0	74.3	95,900	65.0	73.7	85,200	70.0	73.1	76,400	70.0	73.8	74,700
60.0	73.5	97,600	65.0	72.8	86,600	70.0	72.2	76,900	75.0	71.7	69,300	75.0	72.5	68,200
65.0	71.9	87,000	70.0	71.3	77,800	75.0	70.8	69,400	80.0	70.3	62,400	80.0	71.2	62,000
70.0	70.3	78,100	75.0	69.8	70,000	80.0	69.3	62,700	85.0	68.9	56,700	85.0	69.9	56,300
75.0	68.7	70,300	80.0	68.3	63,200	85.0	67.9	57,000	90.0	67.5	51,700	90.0	68.6	51,200
80.0	67.0	63,500	85.0	66.7	57,200	90.0	66.4	51,900	95.0	66.1	47,100	95.0	67.2	46,700
85.0	65.4	57,600	90.0	65.1	52,400	95.0	64.9	47,400	100.0	64.7	43,200	100.0	65.8	42,700
90.0	63.7	52,700	95.0	63.5	48,000	100.0	63.4	43,400	110.0	61.7	36,600	110.0	63.1	36,200
95.0	62.0	48,200	100.0	61.9	44,000	110.0	60.3	36,800	120.0	58.7	31,000	120.0	60.2	30,300
100.0	60.3	44,300	110.0	58.6	37,300	120.0	57.0	31,400	130.0	55.6	25,900	130.0	57.3	25,000
110.0	56.7	37,500	120.0	55.2	31,900	130.0	53.7	26,500	140.0	52.4	21,400	140.0	54.3	20,400
120.0	53.0	32,300	130.0	51.6	27,200	140.0	50.2	22,000	150.0	49.0	17,900	150.0	51.1	17,000
130.0	49.1	27,600	140.0	47.8	22,900	150.0	46.6	18,100	160.0	45.4	14,700	160.0	47.8	14,000
140.0	45.0	23,400	150.0	43.8	19,200	160.0	42.6	15,000	170.0	41.6	12,200	170.0	44.4	11,400
150.0	40.5	19,700	160.0	39.4	16,000	170.0	38.4	12,500	180.0	37.5	9,900	180.0	40.6	9,000
160.0	35.5	16,600	170.0	34.6	13,300	180.0	33.7	10,300	190.0	32.9	7,700	190.0	36.6	6,800
169.9	30.0	13,800	178.4	30.0	11,400	187.3	30.0	8,800	195.8	30.0	6,600	196.8	33.6	5,500
Reeves		6	Reeves		5	Reeves		5	Reeves		5	Reeves		5
80' Jib Length														
240 ft Boom			250 ft Boom											
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)									
47.5	80.0	110,000 *	49.5	80.0	98,100 *									
48.0	79.9	109,300 *	50.0	79.9	97,800 *									
50.0	79.4	106,400 *	55.0	78.7	93,500 *									
55.0	78.2	97,700	60.0	77.5	86,800									
60.0	77.0	88,200	65.0	76.3	78,600									
65.0	75.8	80,100	70.0	75.2	71,800									
70.0	74.5	73,100	75.0	74.0	65,600									
75.0	73.3	66,900	80.0	72.8	60,100									
80.0	72.0	61,400	85.0	71.6	55,300									
85.0	70.8	55,800	90.0	70.3	50,600									
90.0	69.5	50,900	95.0	69.1	46,300									
95.0	68.2	46,500	100.0	67.9	42,200									
100.0	66.9	42,500	110.0	65.4	35,500									
110.0	64.3	35,800	120.0	62.8	29,200									
120.0	61.6	29,700	130.0	60.2	23,900									
130.0	58.8	24,400	140.0	57.5	19,600									
140.0	56.0	19,900	150.0	54.8	16,100									
150.0	53.0	16,400	160.0	51.9	12,900									
160.0	50.0	13,600	170.0	48.9	10,500									
170.0	46.8	10,700	180.0	45.8	7,900									
180.0	43.4	8,500	190.0	42.5	5,500									
190.0	39.8	6,200	190.2	42.4	5,500									
190.2	39.6	6,100												
Reeves		4	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 21.

CK2750G-2

SPECIFICATIONS

Fixed Jib Lift Capacity

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

100' Jib Length														
90 ft Boom			100 ft Boom			110 ft Boom			120 ft Boom			130 ft 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)
21.6	80.0	355,300 *	23.2	80.0	313,900 *	25.2	80.0	293,600 *	26.9	80.0	259,000 *	28.5	80.0	235,000 *
22.0	79.7	350,200 *	24.0	79.6	309,600 *	26.0	79.5	290,300 *	28.0	79.4	256,500 *	30.0	79.4	231,500 *
24.0	78.4	323,400 *	26.0	78.4	297,300 *	28.0	78.4	273,400 *	30.0	78.4	249,100 *	32.0	78.5	222,500 *
26.0	77.1	299,200 *	28.0	77.3	276,600 *	30.0	77.4	255,600 *	32.0	77.5	232,300 *	34.0	77.5	211,500 *
28.0	75.8	279,200 *	30.0	76.1	256,100 *	32.0	76.3	238,600 *	34.0	76.5	217,600 *	36.0	76.6	199,000 *
30.0	74.5	259,900 *	32.0	74.9	240,300 *	34.0	75.2	222,600 *	36.0	75.5	204,200 *	38.0	75.7	186,600 *
32.0	73.2	241,500 *	34.0	73.7	224,500 *	36.0	74.1	207,500 *	38.0	74.5	190,900 *	40.0	74.8	174,800 *
34.0	71.8	224,700 *	36.0	72.5	208,800 *	38.0	73.1	192,400 *	40.0	73.5	178,200 *	42.0	73.9	164,200 *
36.0	70.5	209,000 *	38.0	71.3	193,000 *	40.0	72.0	178,400 *	42.0	72.5	166,500 *	44.0	73.0	153,700 *
38.0	69.1	193,300 *	40.0	70.1	178,600 *	42.0	70.8	166,800 *	44.0	71.5	154,900 *	46.0	72.0	143,200 *
40.0	67.7	178,800 *	42.0	68.8	167,000 *	44.0	69.7	155,100 *	46.0	70.5	143,400 *	48.0	71.1	135,300 *
42.0	66.3	167,200 *	44.0	67.6	155,400 *	46.0	68.6	143,600 *	48.0	69.5	135,600 *	50.0	70.2	127,500 *
44.0	64.9	155,600 *	46.0	66.3	143,900 *	48.0	67.5	135,800 *	50.0	68.4	127,700 *	55.0	67.8	110,400 *
46.0	63.5	144,100 *	48.0	65.1	136,000 *	50.0	66.3	127,900 *	55.0	65.8	110,700 *	60.0	65.4	96,700 *
48.0	62.0	136,200 *	50.0	63.8	128,100 *	55.0	63.4	110,900 *	60.0	63.2	96,900 *	65.0	62.9	85,900 *
50.0	60.6	128,400 *	55.0	60.5	111,100 *	60.0	60.5	97,100 *	65.0	60.4	86,200 *	70.0	60.4	77,100 *
55.0	56.8	111,300 *	60.0	57.1	97,300 *	65.0	57.4	86,400 *	70.0	57.6	77,300 *	75.0	57.8	69,600 *
60.0	52.9	97,600 *	65.0	53.6	86,600 *	70.0	54.2	77,500 *	75.0	54.7	69,800 *	80.0	55.2	63,100 *
65.0	48.7	86,800 *	70.0	49.9	77,900 *	75.0	50.9	70,000 *	80.0	51.7	63,300 *	85.0	52.4	57,400 *
70.0	44.2	78,100 *	75.0	46.0	70,400 *	80.0	47.4	63,500 *	85.0	48.6	57,600 *	90.0	49.5	52,600 *
75.0	39.3	70,600 *	80.0	41.8	63,900 *	85.0	43.8	57,800 *	90.0	45.3	52,800 *	95.0	46.5	48,300 *
80.0	33.9	64,000 *	85.0	37.3	58,500 *	90.0	39.7	53,100 *	95.0	41.7	48,600 *	100.0	43.4	44,500 *
83.3	30.0	60,100 *	90.0	32.0	53,600 *	95.0	35.4	48,800 *	100.0	38.0	44,800 *	110.0	36.4	38,100 *
			91.8	30.0	51,800 *	100.0	30.6	45,100 *	109.2	30.0	39,000 *	117.7	30.0	34,100 *
						100.7	30.0	44,700 *						
Reeves		14	Reeves		12	Reeves		10	Reeves		10	Reeves		8

100' Jib Length														
140 ft Boom			150 ft Boom			160 ft Boom			170 ft Boom			180 ft 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)
30.1	80.0	217,500 *	32.1	80.0	198,800 *	33.7	80.0	187,300 *	35.4	80.0	170,800 *	37.4	80.0	164,000 *
32.0	79.3	213,100 *	34.0	79.2	191,500 *	34.0	79.9	186,500 *	36.0	79.8	169,300 *	38.0	79.8	161,900 *
34.0	78.5	204,400 *	36.0	78.5	183,400 *	36.0	79.2	178,800 *	38.0	79.1	164,000 *	40.0	79.1	154,900 *
36.0	77.6	193,100 *	38.0	77.7	175,300 *	38.0	78.5	171,000 *	40.0	78.5	158,100 *	42.0	78.5	147,600 *
38.0	76.8	181,800 *	40.0	76.9	167,100 *	40.0	77.7	163,200 *	42.0	77.8	150,800 *	44.0	77.8	140,300 *
40.0	75.9	171,100 *	42.0	76.1	158,700 *	42.0	77.0	155,100 *	44.0	77.1	143,500 *	46.0	77.2	133,100 *
42.0	75.1	161,700 *	44.0	75.3	150,300 *	44.0	76.2	147,100 *	46.0	76.4	136,200 *	48.0	76.5	127,400 *
44.0	74.2	152,300 *	46.0	74.5	141,900 *	46.0	75.5	139,000 *	48.0	75.7	130,200 *	50.0	75.8	121,600 *
46.0	73.4	143,000 *	48.0	73.7	134,300 *	48.0	74.8	132,300 *	50.0	75.0	124,200 *	55.0	74.2	108,000 *
48.0	72.5	135,100 *	50.0	72.9	126,700 *	50.0	74.0	125,500 *	55.0	73.2	109,600 *	60.0	72.5	95,600 *
50.0	71.6	127,300 *	55.0	70.9	110,000 *	55.0	72.1	109,800 *	60.0	71.5	95,800 *	65.0	70.8	84,800 *
55.0	69.5	110,200 *	60.0	68.9	96,200 *	60.0	70.2	96,000 *	65.0	69.7	85,100 *	70.0	69.1	76,000 *
60.0	67.3	96,500 *	65.0	66.8	85,500 *	65.0	68.3	85,300 *	70.0	67.8	76,200 *	75.0	67.4	68,500 *
65.0	65.0	85,700 *	70.0	64.7	76,700 *	70.0	66.4	76,400 *	75.0	66.0	68,700 *	80.0	65.7	62,000 *
70.0	62.7	76,900 *	75.0	62.5	69,100 *	75.0	64.4	68,900 *	80.0	64.1	62,200 *	85.0	63.9	56,100 *
75.0	60.4	69,400 *	80.0	60.4	62,700 *	80.0	62.4	62,400 *	85.0	62.2	56,500 *	90.0	62.1	51,300 *
80.0	58.0	62,900 *	85.0	58.1	57,000 *	85.0	60.3	56,700 *	90.0	60.3	51,700 *	95.0	60.3	47,000 *
85.0	55.5	57,200 *	90.0	55.8	52,200 *	90.0	58.2	52,000 *	95.0	58.3	47,500 *	100.0	58.4	43,100 *
90.0	53.0	52,400 *	95.0	53.5	47,900 *	95.0	56.1	47,700 *	100.0	56.3	43,500 *	110.0	54.6	36,500 *
95.0	50.3	48,100 *	100.0	51.0	44,000 *	100.0	53.9	43,800 *	110.0	52.1	36,800 *	120.0	50.6	31,100 *
100.0	47.6	44,300 *	110.0	45.9	37,300 *	110.0	49.3	37,100 *	120.0	47.7	31,500 *	130.0	46.3	26,500 *
110.0	41.7	37,900 *	120.0	40.2	32,100 *	120.0	44.3	31,900 *	130.0	42.9	27,100 *	140.0	41.6	22,300 *
120.0	35.0	32,800 *	130.0	33.8	27,800 *	130.0	38.9	27,400 *	140.0	37.6	22,900 *	150.0	36.6	18,600 *
126.6	30.0	29,700 *	135.1	30.0	25,700 *	140.0	32.6	23,900 *	150.0	31.7	19,400 *	160.0	30.7	15,700 *
						144.0	30.0	22,400 *	152.5	30.0	18,700 *	161.0	30.0	15,400 *
Reeves		8	Reeves		7	Reeves		7	Reeves		6	Reeves		6

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 21.

CK2750G-2

SPECIFICATIONS

Fixed Jib Lift Capacity (without main hook)

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

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*			
65.0	79.4	57,600*				70.0	79.8	46,200*				80.0	79.2	26,100*				85.0	79.6	14,500*			
70.0	78.4	56,600*	74.1	80.0	42,100*	75.0	78.8	45,200*				85.0	78.3	25,600*				90.0	78.8	14,200*			
75.0	77.4	55,600*	75.0	79.8	42,000*	80.0	77.9	44,300*				90.0	77.5	25,000*				95.0	77.9	13,800*			
80.0	76.4	54,600*	80.0	78.8	41,500*	85.0	76.9	43,400*	86.9	80.0	29,700*	95.0	76.6	24,700*	99.7	80.0	17,600*	100.0	77.1	13,500*			
85.0	75.4	53,800*	85.0	77.7	41,200*	90.0	76.0	42,600*	90.0	79.4	29,700*	100.0	75.7	24,300*	100.0	79.9	17,600*	110.0	75.4	13,000*	112.5	80.0	9,400*
90.0	74.3	53,000*	90.0	76.7	40,700*	95.0	75.0	41,800*	95.0	78.4	29,600*	110.0	73.8	23,400*	110.0	78.1	17,200*	120.0	73.6	12,500*	120.0	78.7	9,200*
95.0	73.3	50,300	95.0	75.7	40,100*	100.0	74.1	41,000*	100.0	77.4	29,400*	120.0	72.0	22,500*	120.0	76.2	16,800*	130.0	71.9	11,900*	130.0	76.9	9,000*
100.0	72.3	46,800	100.0	74.6	39,400*	110.0	72.1	39,600*	110.0	75.4	28,900*	130.0	70.1	21,900*	130.0	74.3	16,300*	140.0	70.1	11,500*	140.0	75.1	8,700*
110.0	70.2	41,100	110.0	72.5	37,700*	120.0	70.2	37,500*	120.0	73.4	28,300*	140.0	68.3	21,200*	140.0	72.4	16,000*	150.0	68.4	11,000*	150.0	73.3	8,500*
120.0	68.0	36,300	120.0	70.3	36,300	130.0	68.2	32,900	130.0	71.4	27,200*	150.0	66.4	20,500*	150.0	70.4	15,600*	160.0	66.5	10,700*	160.0	71.4	8,300*
130.0	65.9	31,800	130.0	68.1	33,300	140.0	66.1	28,900	140.0	69.3	26,200*	160.0	64.4	19,800*	160.0	68.4	15,300*	170.0	64.7	10,300*	170.0	69.5	8,100*
140.0	63.7	27,800	140.0	65.9	29,100	150.0	64.1	25,400	150.0	67.2	25,400*	170.0	62.4	19,200*	170.0	66.4	15,000*	180.0	62.8	9,800*	180.0	67.6	8,000*
150.0	61.4	24,300	150.0	63.6	25,600	160.0	62.0	22,400	160.0	65.1	24,100*	180.0	60.4	18,400*	180.0	64.3	14,700*	190.0	60.9	9,700*	190.0	65.6	7,700*
160.0	59.1	21,300	160.0	61.2	22,400	170.0	59.8	19,700	170.0	62.8	21,700*	190.0	58.4	16,800*	190.0	62.2	14,500*	200.0	59.0	9,300*	200.0	63.6	7,700*
170.0	56.8	18,800	170.0	58.8	19,700	180.0	57.6	17,500	180.0	60.6	19,300	200.0	56.2	14,900	200.0	60.0	14,200*	210.0	57.0	9,000*	210.0	61.5	7,400*
180.0	54.4	16,500	180.0	56.4	17,400	190.0	55.4	15,400	190.0	58.3	17,000	210.0	54.1	13,200	210.0	57.7	14,100*	220.0	55.0	8,700*	220.0	59.4	7,300*
190.0	51.9	14,300	190.0	53.8	15,200	200.0	53.0	13,500	200.0	55.9	15,100	220.0	51.8	11,600	220.0	55.4	12,900	230.0	52.9	8,500*	230.0	57.2	7,200*
200.0	49.3	12,600	200.0	51.1	13,300	210.0	50.6	11,900	210.0	53.4	13,400	230.0	49.5	10,300	230.0	53.0	11,400	240.0	50.7	8,200*	240.0	54.9	7,200*
210.0	46.6	11,000	210.0	48.4	11,600	220.0	48.1	10,400	220.0	50.8	11,700	240.0	47.1	9,000	240.0	50.5	10,000	250.0	48.5	8,100*	250.0	52.6	7,200*
220.0	43.7	9,500	220.0	45.4	9,900	230.0	45.5	9,000	230.0	48.1	10,300	250.0	44.6	7,800	250.0	47.8	8,700	260.0	46.1	7,400*	260.0	50.1	7,000*
230.0	40.7	8,100	230.0	42.3	8,500	240.0	42.8	7,800	240.0	45.2	8,900	260.0	41.9	6,800	260.0	45.0	7,600	270.0	43.7	6,500	270.0	47.6	6,900*
240.0	37.5	6,900	240.0	39.0	7,300	250.0	39.9	6,700	250.0	42.2	7,600	270.0	39.1	5,800	270.0	42.0	6,500	280.0	41.1	5,600	280.0	44.8	6,300*
250.0	34.0	5,800	250.0	35.3	6,100	260.0	36.8	5,700	260.0	38.9	6,500	280.0	36.1	4,900	280.0	38.8	5,500	290.0	38.4	4,700	290.0	41.9	5,600
260.0	30.2	4,800	260.0	31.2	5,000	270.0	33.4	4,700	270.0	35.3	5,400	290.0	32.9	4,100	290.0	35.3	4,500	300.0	35.5	3,900	300.0	38.7	4,700
260.4	30.0	4,800	262.7	30.0	4,800	279.1	30.0	3,900	280.0	31.2	4,400	297.9	30.0	3,300	300.0	31.2	3,600	310.0	32.3	3,400	310.0	35.2	3,800
									282.8	30.0	4,100				302.8	30.0	3,300	316.9	30.0	2,800	320.0	31.2	3,100
																					322.8	30.0	2,800
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes on page 21.

CK2750G-2

SPECIFICATIONS

Fixed Jib Lift Capacity (with 77 US ton / 39 US ton main hook)

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

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*						
65.0	79.4	57,600*				70.0	79.8	46,200*				80.0	79.2	26,100*				85.0	79.6	14,500*						
70.0	78.4	56,600*	74.1	80.0	42,100*	75.0	78.8	45,200*				85.0	78.3	25,600*				90.0	78.8	14,200*						
75.0	77.4	55,600*	75.0	79.8	42,000*	80.0	77.9	44,300*				90.0	77.5	25,000*				95.0	77.9	13,800*						
80.0	76.4	54,600*	80.0	78.8	41,500*	85.0	76.9	43,400*	86.9	80.0	29,700*	95.0	76.6	24,700*	99.7	80.0	17,600*	100.0	77.1	13,500*						
85.0	75.4	53,800*	85.0	77.7	41,200*	90.0	76.0	42,600*	90.0	79.4	29,700*	100.0	75.7	24,300*	100.0	79.9	17,600*	110.0	75.4	13,000*	112.5	80.0	9,400*			
90.0	74.3	52,300*	90.0	76.7	40,700*	95.0	75.0	41,800*	95.0	78.4	29,600*	110.0	73.8	23,400*	110.0	78.1	17,200*	120.0	73.6	12,500*	120.0	78.7	9,200*			
95.0	73.3	48,900	95.0	75.7	40,100*	100.0	74.1	41,000*	100.0	77.4	29,400*	120.0	72.0	22,500*	120.0	76.2	16,800*	130.0	71.9	11,900*	130.0	76.9	9,000*			
100.0	72.3	44,900	100.0	74.6	39,400*	110.0	72.1	39,600*	110.0	75.4	28,900*	130.0	70.1	21,900*	130.0	74.3	16,300*	140.0	70.1	11,500*	140.0	75.1	8,700*			
110.0	70.2	39,100	110.0	72.5	37,700*	120.0	70.2	37,100*	120.0	73.4	28,300*	140.0	68.3	21,200*	140.0	72.4	16,000*	150.0	68.4	11,000*	150.0	73.3	8,500*			
120.0	68.0	34,500	120.0	70.3	34,800	130.0	68.2	31,200	130.0	71.4	27,200*	150.0	66.4	20,500*	150.0	70.4	15,600*	160.0	66.5	10,700*	160.0	71.4	8,300*			
130.0	65.9	29,800	130.0	68.1	31,600	140.0	66.1	27,300	140.0	69.3	26,200*	160.0	64.4	19,800*	160.0	68.4	15,300*	170.0	64.7	10,300*	170.0	69.5	8,100*			
140.0	63.7	26,000	140.0	65.9	27,400	150.0	64.1	23,600	150.0	67.2	25,400*	170.0	62.4	19,200*	170.0	66.4	15,000*	180.0	62.8	9,800*	180.0	67.6	8,000*			
150.0	61.4	22,500	150.0	63.6	23,700	160.0	62.0	20,700	160.0	65.1	23,800*	180.0	60.4	18,400*	180.0	64.3	14,700*	190.0	60.9	9,700*	190.0	65.6	7,700*			
160.0	59.1	19,500	160.0	61.2	20,700	170.0	59.8	18,000	170.0	62.8	20,200*	190.0	58.4	16,300*	190.0	62.2	14,500*	200.0	59.0	9,300*	200.0	63.6	7,700*			
170.0	56.8	16,600	170.0	58.8	17,800	180.0	57.6	15,600	180.0	60.6	17,800	200.0	56.2	13,100	200.0	60.0	14,200*	210.0	57.0	9,000*	210.0	61.5	7,400*			
180.0	54.4	14,100	180.0	56.4	15,300	190.0	55.4	13,500	190.0	58.3	15,200	210.0	54.1	11,200	210.0	57.7	14,100*	220.0	55.0	8,700*	220.0	59.4	7,300*			
190.0	51.9	12,100	190.0	53.8	13,000	200.0	53.0	11,400	200.0	55.9	13,200	220.0	51.8	9,600	220.0	55.4	11,500	230.0	52.9	8,500*	230.0	57.2	7,200*			
200.0	49.3	10,400	200.0	51.1	11,100	210.0	50.6	9,600	210.0	53.4	11,400	230.0	49.5	8,300	230.0	53.0	9,600	240.0	50.7	8,200*	240.0	54.9	7,200*			
210.0	46.6	8,800	210.0	48.4	9,400	220.0	48.1	8,300	220.0	50.8	9,700	240.0	47.1	7,100	240.0	50.5	8,200	250.0	48.5	7,800*	250.0	52.6	7,200*			
220.0	43.7	7,300	220.0	45.4	7,700	230.0	45.5	6,700	230.0	48.1	8,300	250.0	44.6	5,800	250.0	47.8	6,700	260.0	46.1	6,100*	260.0	50.1	7,000*			
230.0	40.7	5,900	230.0	42.3	6,300	240.0	42.8	5,600	240.0	45.2	6,800	260.0	41.9	4,800	260.0	45.0	5,600	270.0	43.7	4,700	270.0	47.6	6,800*			
240.0	37.5	4,700	240.0	39.0	5,100	250.0	39.9	4,700	250.0	42.2	5,600	270.0	39.1	3,800	270.0	42.0	4,700	280.0	41.1	3,800	280.0	44.8	5,000*			
250.0	34.0	3,600	250.0	35.3	3,900	260.0	36.8	3,700	260.0	38.9	4,500	280.0	36.1	3,000	280.0	38.8	3,500	288.7	38.8	3,000	290.0	41.9	3,800			
260.0	30.2	2,600	260.0	31.2	3,000	269.0	33.8	2,600	270.0	35.3	3,400	282.1	35.4	2,800	288.7	35.8	2,800				300.0	38.7	2,900			
260.4	30.0	2,600	262.7	30.0	2,600				275.5	33.1	2,800										301.8	38.1	2,800			
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	1	Reeves	1	Reeves	1	Reeves	1	Reeves	1	Reeves	1	Reeves	1	Reeves	1			

Note: Designed and rated to comply with ANSI Code B30.5
 Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
 Refer to notes on page 21.

CK2750G-2

SPECIFICATIONS

Fixed Jib Lift Capacity (with 165 US ton / 110 US ton main hook)

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

130' Boom																	
40 ft Jib						60 ft Jib						80 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
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)
41.3	80.0	58,400*				47.9	80.0	46,700*				54.8	80.0	26,600*			
42.0	79.7	58,100*				48.0	79.9	46,700*				55.0	79.9	26,600*			
44.0	79.0	57,500*				50.0	79.4	46,100*				60.0	78.6	25,800*			
46.0	78.4	56,800*				55.0	77.8	44,600*				65.0	77.2	25,200*			
48.0	77.7	56,100*				60.0	76.3	43,100*				70.0	75.7	24,500*			
50.0	77.0	55,500*	53.1	80.0	42,300*	65.0	74.7	41,800*	65.9	80.0	29,700*	75.0	74.3	23,800*	79.0	80.0	17,800*
55.0	75.2	53,900*	55.0	79.4	42,000*	70.0	73.1	40,600*	70.0	78.7	29,700*	80.0	72.9	23,100*	80.0	79.7	17,700*
60.0	73.5	52,400*	60.0	77.6	41,300*	75.0	71.5	39,400*	75.0	77.1	29,400*	85.0	71.4	22,500*	85.0	78.2	17,400*
65.0	71.7	51,000*	65.0	75.7	40,600*	80.0	69.9	38,300*	80.0	75.4	29,000*	90.0	69.9	22,000*	90.0	76.6	17,100*
70.0	69.9	49,700*	70.0	73.9	39,200*	85.0	68.3	37,300*	85.0	73.7	28,600*	95.0	68.4	21,500*	95.0	75.1	16,700*
75.0	68.1	48,400*	75.0	72.0	37,900*	90.0	66.6	36,400*	90.0	72.0	27,800*	100.0	66.9	20,900*	100.0	73.5	16,400*
80.0	66.2	47,100*	80.0	70.1	36,700*	95.0	64.9	35,600*	95.0	70.2	27,000*	110.0	63.8	19,700*	110.0	70.3	15,900*
85.0	64.4	45,900*	85.0	68.2	35,500*	100.0	63.2	34,600*	100.0	68.5	26,200*	120.0	60.7	18,900*	120.0	67.0	15,300*
90.0	62.5	44,500*	90.0	66.3	34,500*	110.0	59.7	32,100*	110.0	64.8	24,700*	130.0	57.4	18,100*	130.0	63.6	14,800*
95.0	60.5	43,400*	95.0	64.2	33,500*	120.0	56.0	29,600*	120.0	61.0	23,500*	140.0	53.9	17,200*	140.0	59.9	14,400*
100.0	58.5	42,300*	100.0	62.2	32,600*	130.0	52.2	27,500*	130.0	57.0	22,300*	150.0	50.3	16,500*	150.0	56.1	14,100*
110.0	54.4	38,100*	110.0	57.9	31,100*	140.0	48.1	25,700*	140.0	52.7	21,600*	160.0	46.4	16,000*	160.0	52.0	13,800*
120.0	50.0	34,600	120.0	53.4	29,700*	150.0	43.7	24,100*	150.0	48.0	20,700*	170.0	42.2	15,400*	170.0	47.5	13,400*
130.0	45.3	32,600	130.0	48.5	28,700*	160.0	38.8	22,800*	160.0	42.7	20,100*	180.0	37.6	15,000*	180.0	42.5	13,400*
140.0	40.2	30,600	140.0	43.0	28,000*	170.0	33.3	21,600*	170.0	36.7	19,800*	190.0	32.4	14,500*	190.0	36.6	13,400*
150.0	34.3	28,400	150.0	36.8	26,600*	175.1	30.0	21,100*	178.8	30.0	19,600*	194.2	30.0	14,300*	198.8	30.0	13,400*
156.4	30.0	26,600	158.7	30.0	24,400*												
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1	

140' Boom																	
40 ft Jib						60 ft Jib						80 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
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)
43.0	80.0	58,400*				49.9	80.0	46,700*				56.8	80.0	26,600*			
44.0	79.7	58,100*				50.0	79.9	46,600*				60.0	79.1	26,200*			
46.0	79.0	57,500*				55.0	78.5	45,100*				65.0	77.8	25,400*			
48.0	78.4	56,800*				60.0	77.0	43,800*				70.0	76.4	24,700*			
50.0	77.7	56,100*				65.0	75.5	42,400*	67.9	80.0	29,700*	75.0	75.0	24,000*			
55.0	76.1	54,600*	55.1	80.0	42,300*	70.0	74.0	41,200*	70.0	79.3	29,700*	80.0	73.7	23,400*	80.7	80.0	17,800*
60.0	74.4	53,300*	60.0	78.3	41,700*	75.0	72.5	40,100*	75.0	77.8	29,500*	85.0	72.3	22,900*	85.0	78.8	17,600*
65.0	72.8	51,900*	65.0	76.6	41,000*	80.0	71.0	38,900*	80.0	76.2	29,200*	90.0	70.9	22,400*	90.0	77.3	17,300*
70.0	71.1	50,600*	70.0	74.9	39,900*	85.0	69.4	37,900*	85.0	74.6	28,900*	95.0	69.5	21,800*	95.0	75.9	16,900*
75.0	69.4	49,400*	75.0	73.1	38,700*	90.0	67.9	37,100*	90.0	73.0	28,400*	100.0	68.1	21,200*	100.0	74.4	16,600*
80.0	67.6	48,400*	80.0	71.4	37,400*	95.0	66.3	36,200*	95.0	71.4	27,600*	110.0	65.1	20,200*	110.0	71.4	15,900*
85.0	65.9	47,400*	85.0	69.6	36,200*	100.0	64.7	35,400*	100.0	69.7	26,800*	120.0	62.2	19,200*	120.0	68.3	15,500*
90.0	64.1	46,100*	90.0	67.7	35,200*	110.0	61.4	33,400*	110.0	66.3	25,300*	130.0	59.1	18,400*	130.0	65.0	15,000*
95.0	62.3	44,800*	95.0	65.9	34,300*	120.0	58.0	30,800*	120.0	62.8	24,000*	140.0	55.9	17,700*	140.0	61.7	14,600*
100.0	60.5	43,500*	100.0	64.0	33,400*	130.0	54.4	28,600*	130.0	59.1	23,000*	150.0	52.5	17,000*	150.0	58.2	14,100*
110.0	56.7	39,100	110.0	60.1	31,700*	140.0	50.7	26,700*	140.0	55.2	22,000*	160.0	49.0	16,300*	160.0	54.4	14,000*
120.0	52.7	36,500	120.0	56.0	30,400*	150.0	46.7	25,200*	150.0	51.0	21,200*	170.0	45.2	15,800*	170.0	50.4	13,600*
130.0	48.5	34,200	130.0	51.6	29,400*	160.0	42.4	23,900*	160.0	46.4	20,500*	180.0	41.1	15,300*	180.0	46.0	13,400*
140.0	43.9	31,000	140.0	46.8	28,500*	170.0	37.7	22,300*	170.0	41.4	20,000*	190.0	36.7	15,000*	190.0	41.2	13,400*
150.0	39.0	28,200	150.0	41.6	26,300*	180.0	32.3	20,000*	180.0	35.4	19,700*	200.0	31.5	14,500*	200.0	35.3	13,400*
160.0	33.3	25,000	160.0	35.4	24,300	184.0	30.0	19,100*	187.6	30.0	19,600*	202.7	30.0	14,500*	207.6	30.0	13,400*
165.0	30.0	23,800	167.6	30.0	23,500										221.4	30.0	6,600*
Reeves	2		Reeves	2		Reeves	2		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 21.

CK2750G-2

SPECIFICATIONS

Fixed Jib Lift Capacity (with 165 US ton / 110 US ton main hook)

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

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*				75.7	80.0	26,400*				82.6	80.0	14,700*					
65.0	79.4	57,600*				70.0	79.8	46,200*				80.0	79.2	26,100*				85.0	79.6	14,500*					
70.0	78.4	56,600*	74.1	80.0	42,100*	75.0	78.8	45,200*				85.0	78.3	25,600*				90.0	78.8	14,200*					
75.0	77.4	55,600*	75.0	79.8	42,000*	80.0	77.9	44,300*				90.0	77.5	25,000*				95.0	77.9	13,800*					
80.0	76.8	54,400*	80.0	78.8	41,500*	85.0	76.9	43,400*	86.9	80.0	29,700*	95.0	76.6	24,700*	99.7	80.0	17,600*	100.0	77.1	13,500*					
85.0	75.4	52,700*	85.0	77.7	41,200*	90.0	76.0	42,600*	90.0	79.4	29,700*	100.0	75.7	24,300*	100.0	79.9	17,600*	110.0	75.4	13,000*	112.5	80.0	9,400*		
90.0	74.3	51,100*	90.0	76.7	40,700*	95.0	75.0	41,800*	95.0	78.4	29,600*	110.0	73.8	23,400*	110.0	78.1	17,200*	120.0	73.6	12,500*	120.0	78.7	9,200*		
95.0	73.3	47,600	95.0	75.7	40,100*	100.0	74.1	41,000*	100.0	77.4	29,400*	120.0	72.0	22,500*	120.0	76.2	16,800*	130.0	71.9	11,900*	130.0	76.9	9,000*		
100.0	72.3	43,500	100.0	74.6	39,400*	110.0	72.1	39,600*	110.0	75.4	28,900*	130.0	70.1	21,900*	130.0	74.3	16,300*	140.0	70.1	11,500*	140.0	75.1	8,700*		
110.0	70.2	37,800	110.0	72.5	37,700*	120.0	70.2	36,800*	120.0	73.4	28,300*	140.0	68.3	21,200*	140.0	72.4	16,000*	150.0	68.4	11,000*	150.0	73.3	8,500*		
120.0	68.0	33,000	120.0	70.3	33,500	130.0	68.2	29,900	130.0	71.4	27,200*	150.0	66.4	20,500*	150.0	70.4	15,600*	160.0	66.5	10,700*	160.0	71.4	8,300*		
130.0	65.9	28,300	130.0	68.1	30,300	140.0	66.1	26,000	140.0	69.3	26,200*	160.0	64.4	19,800*	160.0	68.4	15,300*	170.0	64.7	10,300*	170.0	69.5	8,100*		
140.0	63.7	24,500	140.0	65.9	26,000	150.0	64.1	22,300	150.0	67.2	25,400*	170.0	62.4	19,200*	170.0	66.4	15,000*	180.0	62.8	9,800*	180.0	67.6	8,000*		
150.0	61.4	21,000	150.0	63.6	22,300	160.0	62.0	19,300	160.0	65.1	23,100*	180.0	60.4	18,100*	180.0	64.3	14,700*	190.0	60.9	9,700*	190.0	65.6	7,700*		
160.0	59.1	17,900	160.0	61.2	19,300	170.0	59.8	16,400	170.0	62.8	18,900*	190.0	58.4	14,800*	190.0	62.2	14,500*	200.0	59.0	9,300*	200.0	63.6	7,700*		
170.0	56.8	14,900	170.0	58.8	16,200	180.0	57.6	13,800	180.0	60.6	16,500	200.0	56.2	11,700	200.0	60.0	14,200*	210.0	57.0	9,000*	210.0	61.5	7,400*		
180.0	54.4	12,300	180.0	56.4	13,600	190.0	55.4	11,700	190.0	58.3	13,900	210.0	54.1	9,600	210.0	57.7	12,700*	220.0	55.0	8,700*	220.0	59.4	7,300*		
190.0	51.9	10,400	190.0	53.8	11,300	200.0	53.0	9,800	200.0	55.9	11,700	220.0	51.8	8,100	220.0	55.4	10,000	230.0	52.9	8,500*	230.0	57.2	7,200*		
200.0	49.3	8,600	200.0	51.1	9,300	210.0	50.6	8,100	210.0	53.4	9,900	230.0	49.5	6,900	230.0	53.0	8,100	240.0	50.7	7,600*	240.0	54.9	7,200*		
210.0	46.6	7,000	210.0	48.4	7,700	220.0	48.1	6,600	220.0	50.8	8,200	240.0	47.1	5,500	240.0	50.5	6,700	250.0	48.5	6,300*	250.0	52.6	7,200*		
220.0	43.7	5,500	220.0	45.4	6,000	230.0	45.5	5,200	230.0	48.1	6,700	250.0	44.6	4,300	250.0	47.8	5,400	260.0	46.1	4,600*	260.0	50.1	6,600*		
230.0	40.7	4,100	230.0	42.3	4,500	240.0	42.8	4,100	240.0	45.2	5,300	260.0	41.9	3,300	260.0	45.0	4,200	270.0	43.7	3,200	270.0	47.6	5,500*		
240.0	37.5	3,000	240.0	39.0	3,300	249.3	40.1	3,000	250.0	42.2	4,100	262.4	41.2	3,000	270.0	42.0	3,200	275.5	42.3	2,600	280.0	44.8	3,700*		
242.7	36.6	2,600	242.7	38.0	3,000				260.0	38.9	2,900				275.5	40.3	2,600				288.7	42.3	2,600		
									262.4	38.0	2,600														
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1			

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes on page 21.

CK2750G-2

SPECIFICATIONS

Fixed Jib Lift Capacity (with 275 US ton main hook)

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

90' Boom																	
40 ft Jib						60 ft Jib						80 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
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)
34.1	80.0	59,500*				41.0	80.0	46,700*				47.9	80.0	26,600*			
36.0	79.2	58,300*				42.0	79.6	46,300*				48.0	79.9	26,600*			
38.0	78.3	57,000*				44.0	78.9	45,600*				50.0	79.3	26,300*			
40.0	77.4	55,900*				46.0	78.1	44,900*				55.0	77.5	25,500*			
42.0	76.5	55,100*				48.0	77.3	44,200*				60.0	75.8	24,500*			
44.0	75.6	54,300*				50.0	76.5	43,400*				65.0	74.0	23,600*			
46.0	74.7	53,500*	46.2	80.0	42,500*	55.0	74.5	41,700*	59.0	80.0	29,700*	70.0	72.2	23,000*	71.8	80.0	18,000*
48.0	73.8	52,600*	48.0	79.2	42,100*	60.0	72.5	40,200*	60.0	79.6	29,700*	75.0	70.4	22,300*	75.0	78.9	17,700*
50.0	72.8	51,700*	50.0	78.2	41,700*	65.0	70.4	38,700*	65.0	77.5	29,700*	80.0	68.5	21,600*	80.0	76.9	17,200*
55.0	70.5	49,600*	55.0	75.8	40,500*	70.0	68.4	37,500*	70.0	75.4	29,100*	85.0	66.7	20,700*	85.0	75.0	16,700*
60.0	68.1	47,700*	60.0	73.4	39,100*	75.0	66.2	36,300*	75.0	73.2	28,400*	90.0	64.8	20,200*	90.0	73.0	16,400*
65.0	65.7	45,800*	65.0	70.9	37,200*	80.0	64.1	35,100*	80.0	70.9	27,500*	95.0	62.8	19,600*	95.0	71.0	16,100*
70.0	63.2	44,300*	70.0	68.3	35,700*	85.0	61.9	34,000*	85.0	68.6	26,500*	100.0	60.8	19,000*	100.0	68.9	15,700*
75.0	60.7	42,700*	75.0	65.7	34,300*	90.0	59.6	32,200*	90.0	66.3	25,500*	110.0	56.7	18,000*	110.0	64.6	15,000*
80.0	58.1	41,300*	80.0	62.9	33,200*	95.0	57.3	30,500*	95.0	63.8	24,600*	120.0	52.3	17,000*	120.0	59.9	14,400*
85.0	55.4	39,900*	85.0	60.1	32,000*	100.0	54.9	29,100*	100.0	61.3	23,700*	130.0	47.6	16,200*	130.0	54.9	13,900*
90.0	52.6	38,600*	90.0	57.2	31,000*	110.0	49.8	26,500*	110.0	56.0	22,200*	140.0	42.4	15,500*	140.0	49.3	13,600*
95.0	49.5	37,500*	95.0	54.1	30,100*	120.0	44.3	24,500*	120.0	50.0	21,100*	150.0	36.6	15,000*	150.0	42.8	13,400*
100.0	46.5	36,400*	100.0	50.9	29,300*	130.0	38.0	22,800*	130.0	43.2	20,300*	159.4	30.0	14,500*	160.0	34.4	13,400*
110.0	39.8	34,400*	110.0	43.6	28,100*	140.0	30.6	21,400*	140.0	34.5	19,700*				164.3	30.0	13,400*
120.0	31.7	32,300*	120.0	34.6	27,400*	140.7	30.0	21,300*	144.3	30.0	19,600*						
121.7	30.0	31,900*	124.3	30.0	27,300*												
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1	

100' Boom																	
40 ft Jib						60 ft Jib						80 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
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)
36.1	80.0	58,200*				43.0	80.0	46,700*				49.5	80.0	26,600*			
38.0	79.2	57,500*				44.0	79.6	46,300*				50.0	79.9	26,600*			
40.0	78.3	56,800*				46.0	78.8	45,600*				55.0	78.3	25,800*			
42.0	77.5	56,000*				48.0	78.1	44,900*				60.0	76.6	24,900*			
44.0	76.7	55,200*				50.0	77.4	44,200*				65.0	74.9	24,100*			
46.0	75.8	54,400*	47.9	80.0	42,500*	55.0	75.5	42,600*				70.0	73.2	23,400*	73.8	80.0	18,000*
48.0	75.0	53,700*	48.0	79.9	42,500*	60.0	73.6	41,100*	61.0	80.0	29,700*	75.0	71.5	22,700*	75.0	79.5	17,900*
50.0	74.1	53,000*	50.0	79.1	42,100*	65.0	71.7	39,600*	65.0	78.4	29,700*	80.0	69.8	22,000*	80.0	77.8	17,500*
55.0	71.9	51,400*	55.0	76.9	41,100*	70.0	69.8	38,400*	70.0	76.4	29,300*	85.0	68.1	21,400*	85.0	75.9	17,000*
60.0	69.8	49,700*	60.0	74.7	40,000*	75.0	67.8	37,200*	75.0	74.4	28,800*	90.0	66.3	20,700*	90.0	74.1	16,600*
65.0	67.6	48,400*	65.0	72.4	38,300*	80.0	65.9	36,100*	80.0	72.3	28,100*	95.0	64.5	20,000*	95.0	72.2	16,300*
70.0	65.3	46,900*	70.0	70.1	36,800*	85.0	63.8	35,100*	85.0	70.2	27,100*	100.0	62.6	19,400*	100.0	70.3	15,900*
75.0	63.0	45,500*	75.0	67.7	35,300*	90.0	61.8	33,700*	90.0	68.0	26,100*	110.0	58.8	18,400*	110.0	66.3	15,300*
80.0	60.6	44,200*	80.0	65.2	34,000*	95.0	59.6	32,200*	95.0	65.8	25,200*	120.0	54.9	17,500*	120.0	62.1	14,700*
85.0	58.2	43,000*	85.0	62.7	32,900*	100.0	57.5	30,600*	100.0	63.6	24,400*	130.0	50.6	16,800*	130.0	57.7	14,100*
90.0	55.7	41,700*	90.0	60.1	32,000*	110.0	52.9	27,900*	110.0	58.8	22,900*	140.0	46.1	15,900*	140.0	52.8	13,800*
95.0	53.1	40,300*	95.0	57.4	31,100*	120.0	48.0	25,800*	120.0	53.6	21,800*	150.0	41.1	15,400*	150.0	47.4	13,400*
100.0	50.4	39,000*	100.0	54.6	30,200*	130.0	42.7	24,000*	130.0	47.9	20,800*	160.0	35.4	14,800*	160.0	41.0	13,400*
110.0	44.7	36,500*	110.0	48.6	28,800*	140.0	36.6	22,400*	140.0	41.3	20,100*	167.9	30.0	14,500*	170.0	33.0	13,400*
120.0	38.2	34,100*	120.0	41.7	27,800*	149.2	30.0	21,300*	150.0	33.0	19,600*				172.9	30.0	13,400*
130.0	30.5	31,800*	130.0	33.0	27,300*				152.8	30.0	19,600*						
130.5	30.0	31,700*	132.8	30.0	27,300*												
Reeves	2		Reeves	2		Reeves	2		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 21.

CK2750G-2

SPECIFICATIONS

Fixed Jib Lift Capacity (with 275 US ton main hook)

Full Counterweight: 200,650 lbs Carbody Weight: 60,240

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*			
65.0	79.4	57,600*				70.0	79.8	46,200*				80.0	79.2	26,100*				85.0	79.6	14,500*			
70.0	78.4	55,600*	74.1	80.0	42,100*	75.0	78.8	45,200*				85.0	78.3	25,600*				90.0	78.8	14,200*			
75.0	77.4	53,500*	75.0	79.8	42,000*	80.0	77.9	44,300*				90.0	77.5	25,000*				95.0	77.9	13,800*			
80.0	76.4	51,500*	80.0	78.8	41,500*	85.0	76.9	43,400*	86.9	80.0	29,700*	95.0	76.6	24,700*	99.7	80.0	17,600*	100.0	77.1	13,500*			
85.0	75.4	49,700*	85.0	77.7	41,200*	90.0	76.0	42,600*	90.0	79.4	29,700*	100.0	75.7	24,300*	100.0	79.9	17,600*	110.0	75.4	13,000*	112.5	80.0	9,400*
90.0	74.3	48,400*	90.0	76.7	40,700*	95.0	75.0	41,800*	95.0	78.4	29,600*	110.0	73.8	23,400*	110.0	78.1	17,200*	120.0	73.6	12,500*	120.0	78.7	9,200*
95.0	73.3	45,200	95.0	75.7	40,100*	100.0	74.1	41,000*	100.0	77.4	29,400*	120.0	72.0	22,500*	120.0	76.2	16,800*	130.0	71.9	11,900*	130.0	76.9	9,000*
100.0	72.3	41,100	100.0	74.6	39,400*	110.0	72.1	39,600*	110.0	75.4	28,900*	130.0	70.1	21,900*	130.0	74.3	16,300*	140.0	70.1	11,500*	140.0	75.1	8,700*
110.0	70.2	35,200	110.0	72.5	36,300*	120.0	70.2	34,500*	120.0	73.4	28,300*	140.0	68.3	21,200*	140.0	72.4	16,000*	150.0	68.4	11,000*	150.0	73.3	8,500*
120.0	68.0	30,600	120.0	70.3	31,300	130.0	68.2	27,600	130.0	71.4	27,200*	150.0	66.4	20,500*	150.0	70.4	15,600*	160.0	66.5	10,700*	160.0	71.4	8,300*
130.0	65.9	25,900	130.0	68.1	28,000	140.0	66.1	23,800	140.0	69.3	26,200*	160.0	64.4	19,800*	160.0	68.4	15,300*	170.0	64.7	10,300*	170.0	69.5	8,100*
140.0	63.7	22,000	140.0	65.9	23,800	150.0	64.1	20,100	150.0	67.2	24,400*	170.0	62.4	18,600*	170.0	66.4	15,000*	180.0	62.8	9,800*	180.0	67.6	8,000*
150.0	61.4	18,100	150.0	63.6	19,900	160.0	62.0	16,700	160.0	65.1	20,900*	180.0	60.4	15,800*	180.0	64.3	14,700*	190.0	60.9	9,700*	190.0	65.6	7,700*
160.0	59.1	14,800	160.0	61.2	16,600	170.0	59.8	13,800	170.0	62.8	16,700*	190.0	58.4	12,200*	190.0	62.2	14,500*	200.0	59.0	9,300*	200.0	63.6	7,700*
170.0	56.8	11,800	170.0	58.8	13,400	180.0	57.6	11,200	180.0	60.6	14,000	200.0	56.2	9,100	200.0	60.0	12,500*	210.0	57.0	9,000*	210.0	61.5	7,400*
180.0	54.4	9,400	180.0	56.4	10,800	190.0	55.4	9,000	190.0	58.3	11,300	210.0	54.1	7,000	210.0	57.7	10,500*	220.0	55.0	8,200*	220.0	59.4	7,300*
190.0	51.9	7,300	190.0	53.8	8,400	200.0	53.0	6,900	200.0	55.9	9,100	220.0	51.8	5,400	220.0	55.4	7,600	230.0	52.9	6,700*	230.0	57.2	7,200*
200.0	49.3	5,600	200.0	51.1	6,300	210.0	50.6	5,200	210.0	53.4	7,000	230.0	49.5	4,100	230.0	53.0	5,600	240.0	50.7	5,200*	240.0	54.9	7,100*
210.0	46.6	3,900	210.0	48.4	4,800	220.0	48.1	3,800	220.0	50.8	5,500	240.0	47.1	2,900	240.0	50.5	4,200	250.0	48.5	3,800*	250.0	52.6	6,000*
216.5	44.7	3,000	216.5	46.5	3,500	223.0	47.3	3,300	230.0	48.1	4,100	242.7	46.4	2,600	249.3	48.0	2,800	255.9	47.1	2,800*	260.0	50.1	4,500*
									236.2	46.3	3,000										269.0	47.8	3,500*
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

Note: Designed and rated to comply with ANSI Code B30.5
 Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
 Refer to notes on page 21.

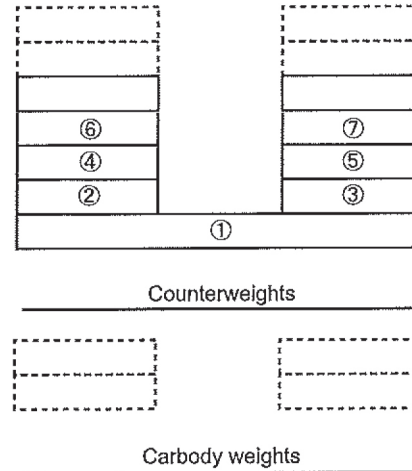
Supplemental Data - Clamshell

- 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 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.
- 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.
 - Crawlers must be fully extended and be locked in position.
 - Must have 105,570 lbs (6) Counterweights installed, and without carbody weights.
- 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 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.
- 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
Maximum Loads (lbs)	29,500

- 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.
- 105,570 lbs counterweight
Assembling the Counterweight
Without 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: 40 ft (12.2 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-A-Tip
60 (18.3)	Base-A-A-Tip, Base-B-Tip
70 (21.3)	Base-A-B-Tip
80 (24.4)	Base-A-A-B-Tip, Base-B-B-Tip
90 (27.4)	Base-A-C-Tip
100 (30.5)	Base-A-A-B-B-Tip, Base-A-A-C-Tip
110 (33.5)	Base-A-B-C-Tip
120 (36.6)	Base-A-A-B-C-Tip, Base-B-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

- Figures represent maximum allowable capacity, and assume level, ground and ideal working conditions.
- Capacities are calculated at 66% of the minimum tipping loads.
- 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.
- The combined weight of the bucket and load must not exceed these capacities.

6 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 69.

Clamshell

6 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	29,300 *	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 69.

Supplemental Data - 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 200,900 lbs (14) Counterweights fully installed.
 - Must have 60,400 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.

- 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.

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Luffing Boom/Jib - SPECIFICATIONS

General Description

<i>Luffing boom maximum lift capacity</i>	330,600 lbs (149,958 kg) @ 22' operating radius
<i>Luffing jib maximum lift capacity</i>	176,300 lbs (79,968 kg) @ 32.1' 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. 494,100 lbs (224,120 kg)
<i>Ground bearing pressure</i>	Approx. 15.0 psi (112 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>Basic boom length</i>	50' (15.2 m)
<i>Boom tip section (with pin connected boom point sheave)</i>	3.3' (1.0 m)
<i>Boom insert section</i>	10' (3.1 m) 20' (6.1 m) 40' (12.2 m)
<i>Boom base section</i>	25' (7.6 m)
<i>Luffing taper boom</i>	11.7' (3.6 m)
<i>Maximum boom length</i>	200' (61.0 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.

<i>Boom insert</i>	10' (3.1 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>Basic luffing jib length</i>	70' (21.3 m)
<i>Luffing jib insert</i>	10' (3.1 m), 20' (6.1 m), 40' (12.2 m)
<i>Jib tip section</i>	30' (9.1 m)
<i>Jib base section</i>	30' (9.1 m)
<i>No. of point sheaves</i>	2
<i>Maximum luffing jib length</i>	200' (61.0 m)
<i>Insert luffing jib length</i>	10' (3.1 m), 20' (6.10 m) 40' (12.2 m)

Working Speed

<i>Hoist line speed (front and rear drums)</i>	361 ~ 10 ft/min (110 ~ 3 m/min)
<i>Lowering line speed (front and rear drums)</i>	361 ~ 10 ft/min (110 ~ 3 m/min)
<i>Boom hoist line speed (front and rear drums)</i>	72 ~ 6.6 ft/min x 2 (22 ~ 2 m/min x 2)
<i>2 minutes: 250' (76.2 m) boom raise 0 to 80 degrees</i>	
<i>Boom lowering line speed (front and rear drums)</i>	72 ~ 6.6 ft/min x 2 (22 ~ 2 m/min x 2)
<i>Swing speed (max.)</i>	2.0 rpm
<i>Travel speed (high/low)</i>	0.62/0.31 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 part)</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:

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

Luffing jib hoist reeving:

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

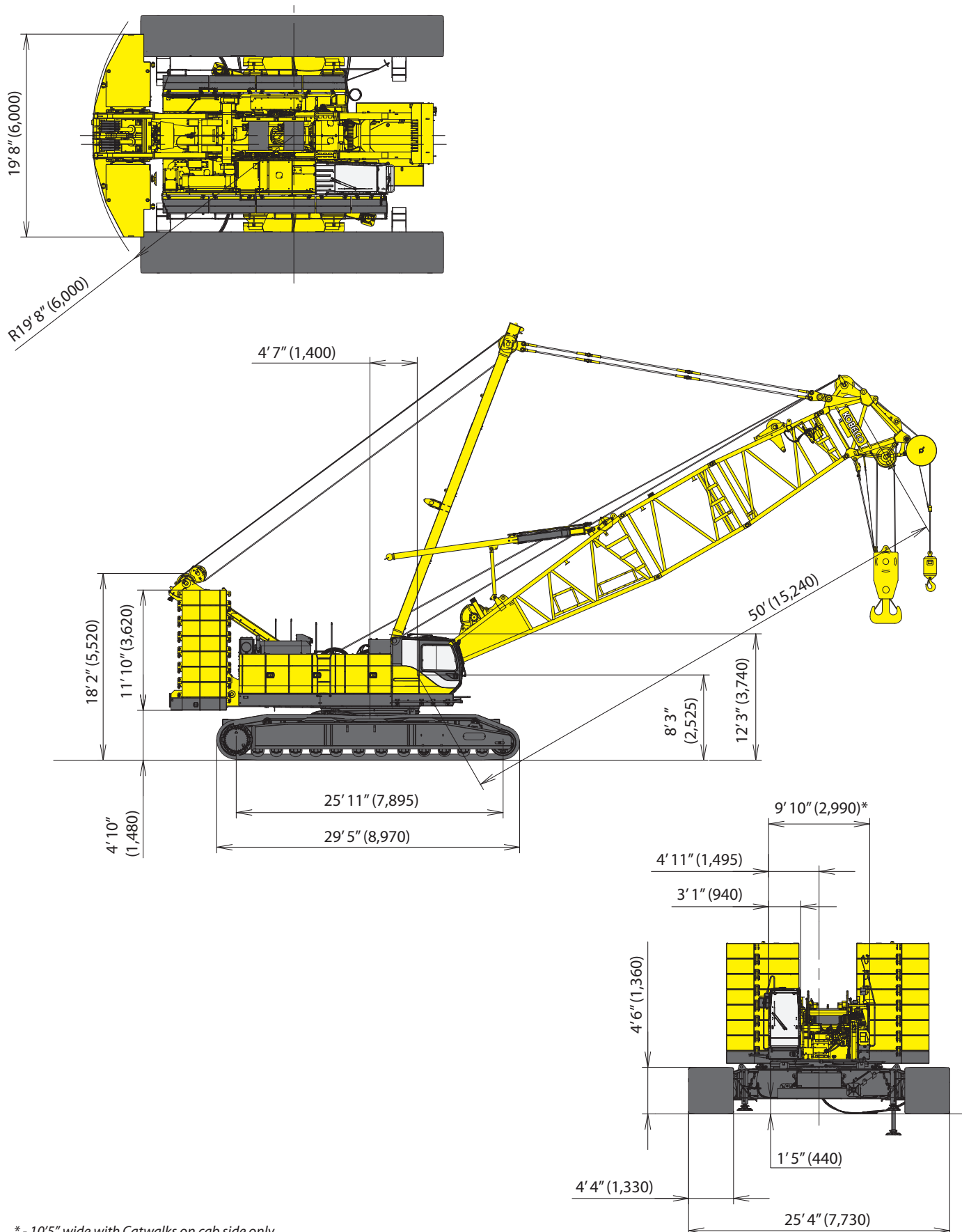
Luffing jib hoist drum:

<i>Hoist drum</i>	(3rd 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 counter-balance valve. External ratchet for locking drum.

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Luffing Boom/Jib - SPECIFICATIONS

General Dimensions - Luffing Boom

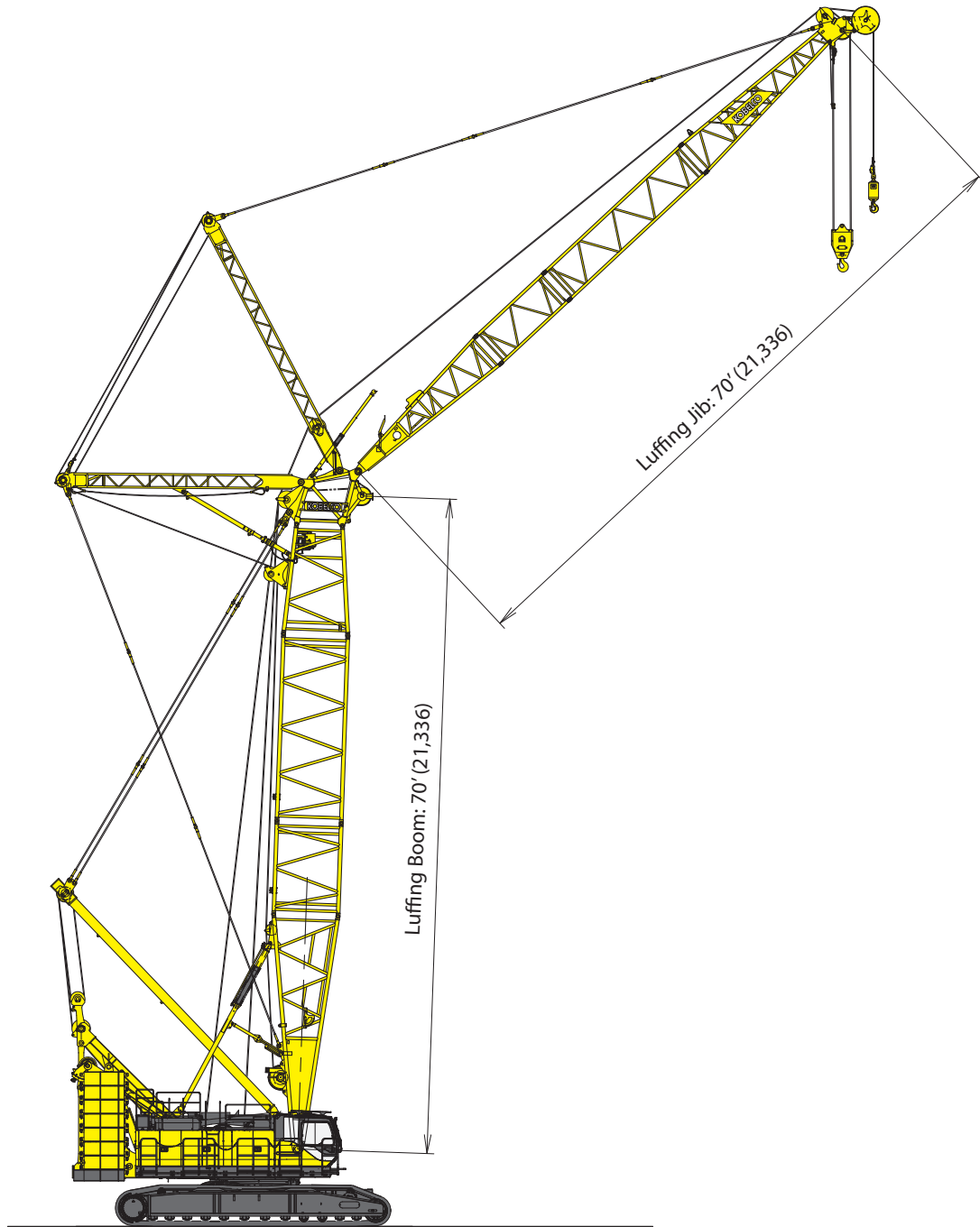


* - 10'5" wide with Catwalks on cab side only.
11' wide with Catwalks on both sides.

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Luffing Boom/Jib - SPECIFICATIONS

General Dimensions - Luffing Jib



CK2750G-2

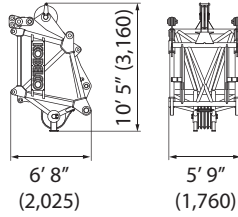
Luffing Boom/Jib - SPECIFICATIONS

Dimensions and Weight

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

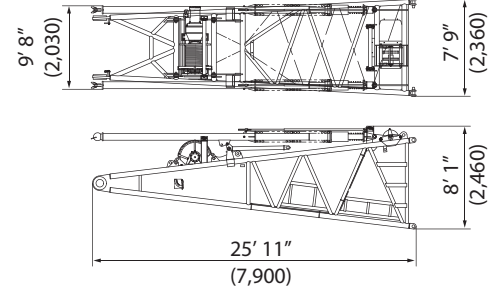
Upper Luffing Boom

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



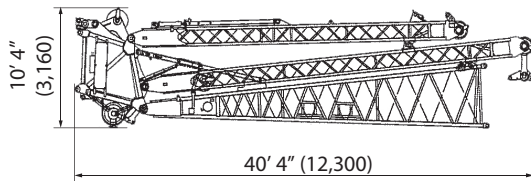
Luffing Boom Base (with winch)

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



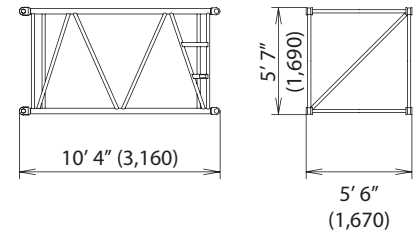
Luffing Boom Tip Assembly

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



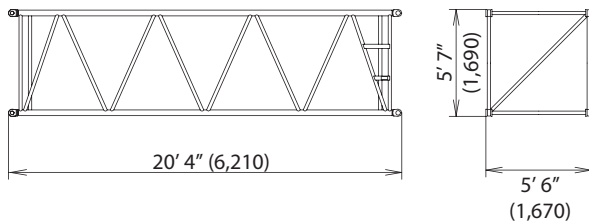
10 ft (3.0 m) Luffing Boom

Weight: 705 lbs (320 kg)



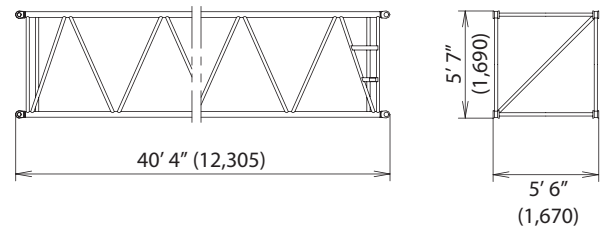
20 ft (6.1 m) Luffing Boom

Weight: 1,170 lbs (530 kg)



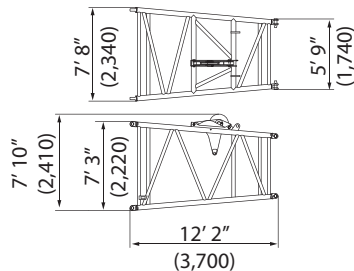
40 ft (12.2 m) Luffing Boom

Weight: 2,115 lbs (960 kg)



Luffing Taper Boom

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



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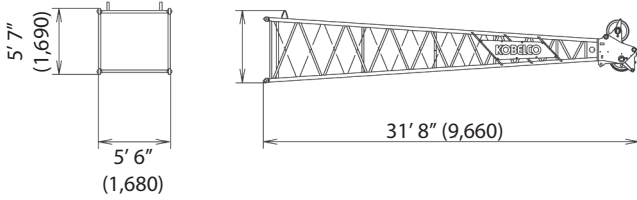
Luffing Boom/Jib - SPECIFICATIONS

Dimensions and Weight

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

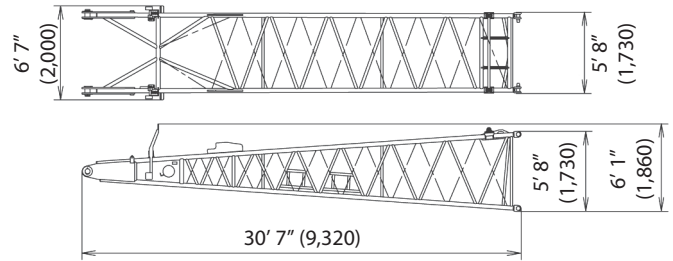
Luffing Jib Tip

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



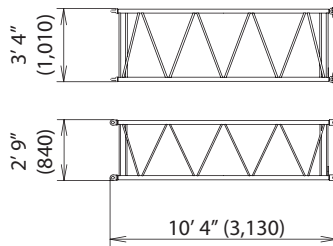
Luffing Jib Base

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



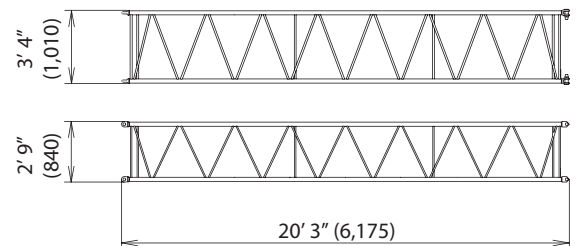
10 ft (3.0 m) Jib

Weight: 245 lbs (110 kg)



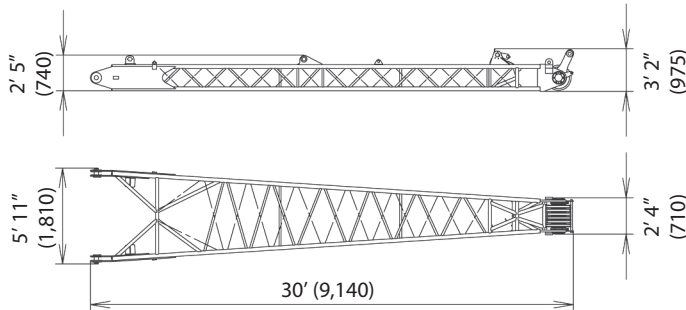
20 ft (6.1 m) Jib

Weight: 420 lbs (190 kg)



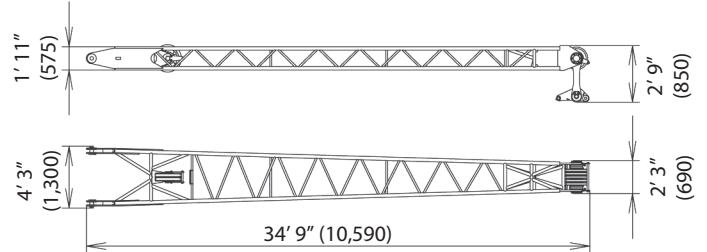
Luffing Jib Lower Spreader (rear strut)

Weight: 3,300 lbs (1,510 kg)



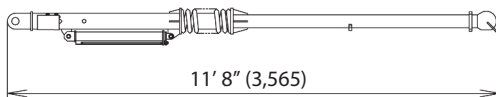
Luffing Jib Upper Spreader (front strut)

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



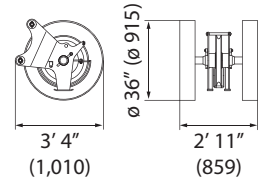
Luffing Jib Backstop

Weight: 575 lbs (260 kg)



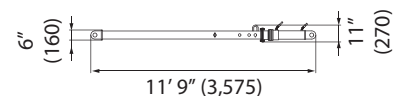
Luffing Jib Auxiliary Sheave

Weight: 840 lbs (380 kg)



Luffing Jib Strut Backstop

Weight: 395 lbs (180 kg)



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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom/Jib Arrangement

Luffing Boom Arrangement for Crane

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)	※

Luffing Boom Arrangement for Luffing

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
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	Luffing Boom Length	Remarks
	25 ft (7.6 m)	Boom Base
	3.3 ft (1.0 m)	Luffing Boom Top
	11.7 ft (3.6 m)	Luffing Tapered Boom
	10 ft (3.0 m)	Insert Boom
	20 ft (6.1 m)	Insert Boom
	40 ft (12.2 m)	Insert Boom

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.

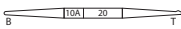
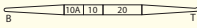
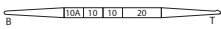
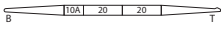
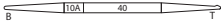
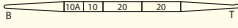
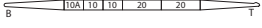
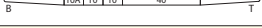
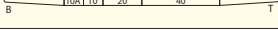
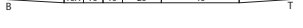
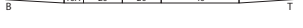
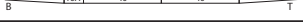
Symbol	Luffing Boom Length	Remarks
	25 ft (7.6 m)	Boom Base
	3.3 ft (1.0 m)	Luffing Boom Top
	11.7 ft (3.6 m)	Luffing Tapered Boom
	10 ft (3.0 m)	Insert Boom
	20 ft (6.1 m)	Insert Boom
	40 ft (12.2 m)	Insert Boom

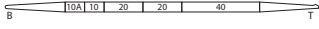
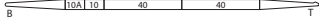
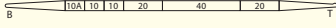
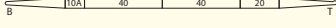
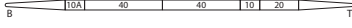
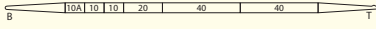
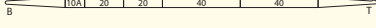
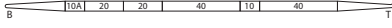
CK2750G-2

Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom/Jib Arrangement

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
	30.0 ft (9.1 m)	Jib Base
	10.0 ft (3.1 m)	Luffing Insert Jib
	20.0 ft (6.1 m)	Luffing Insert Jib
	40.0 ft (12.2 m)	Luffing Insert Jib
	10.0 ft (3.1 m)	Tapered Insert Jib
	30.0 ft (9.1 m)	Jib Top

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

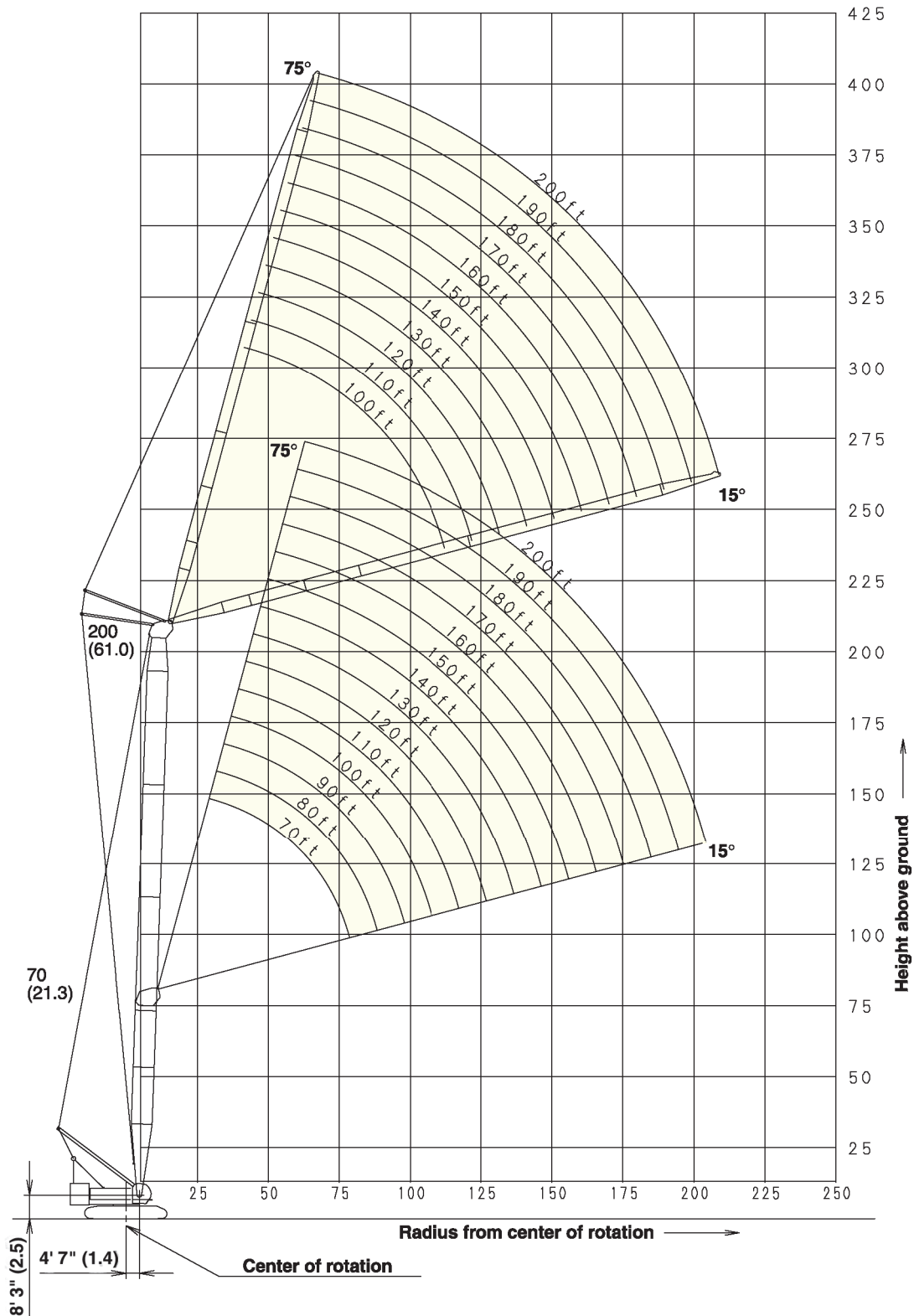
CK2750G-2

Luffing Boom/Jib - SPECIFICATIONS

Working Ranges

Luffing Jib 88°

Unit : ft



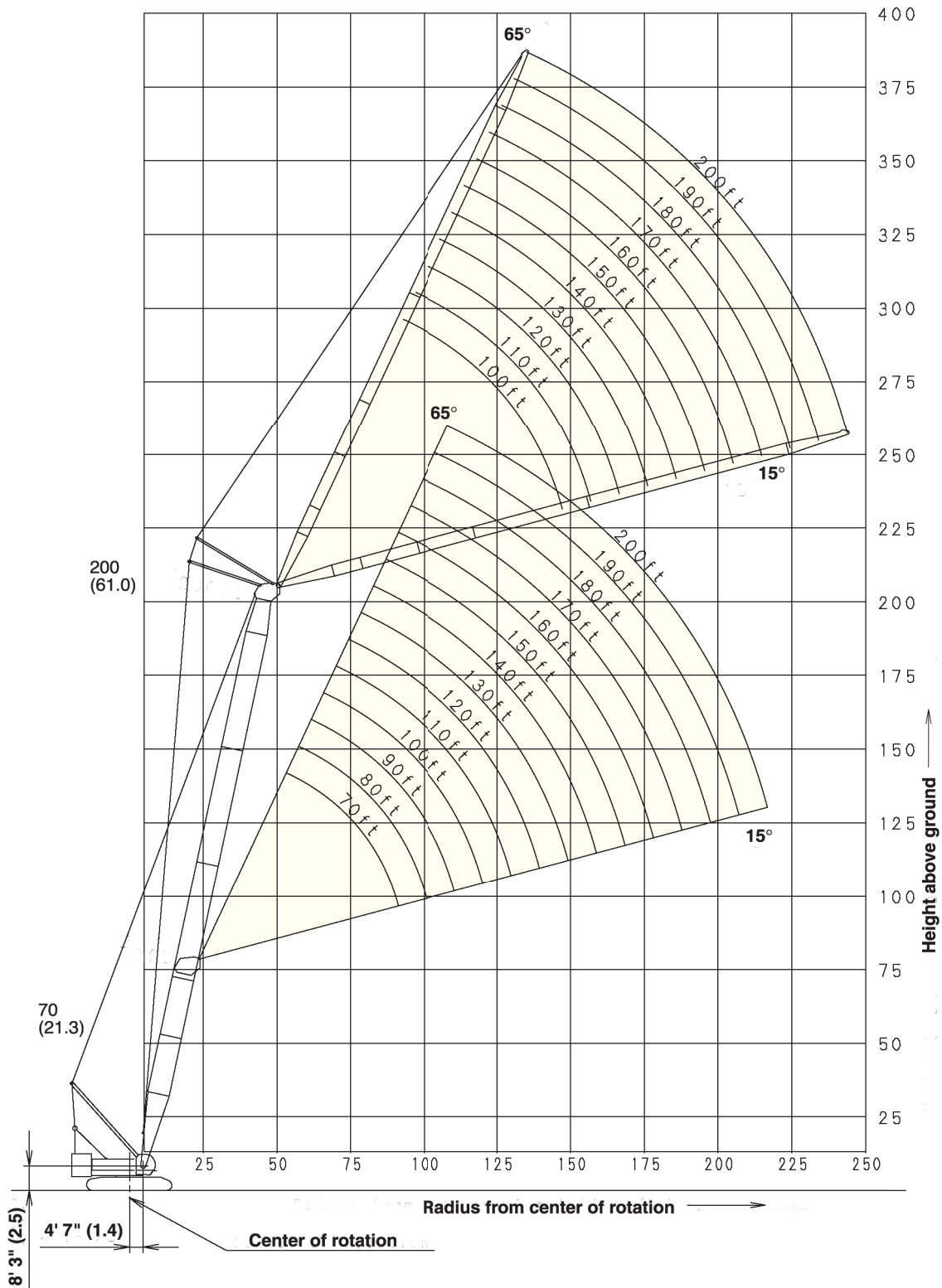
CK2750G-2

Luffing Boom/Jib - SPECIFICATIONS

Working Ranges

Luffing Jib 78°

Unit : ft



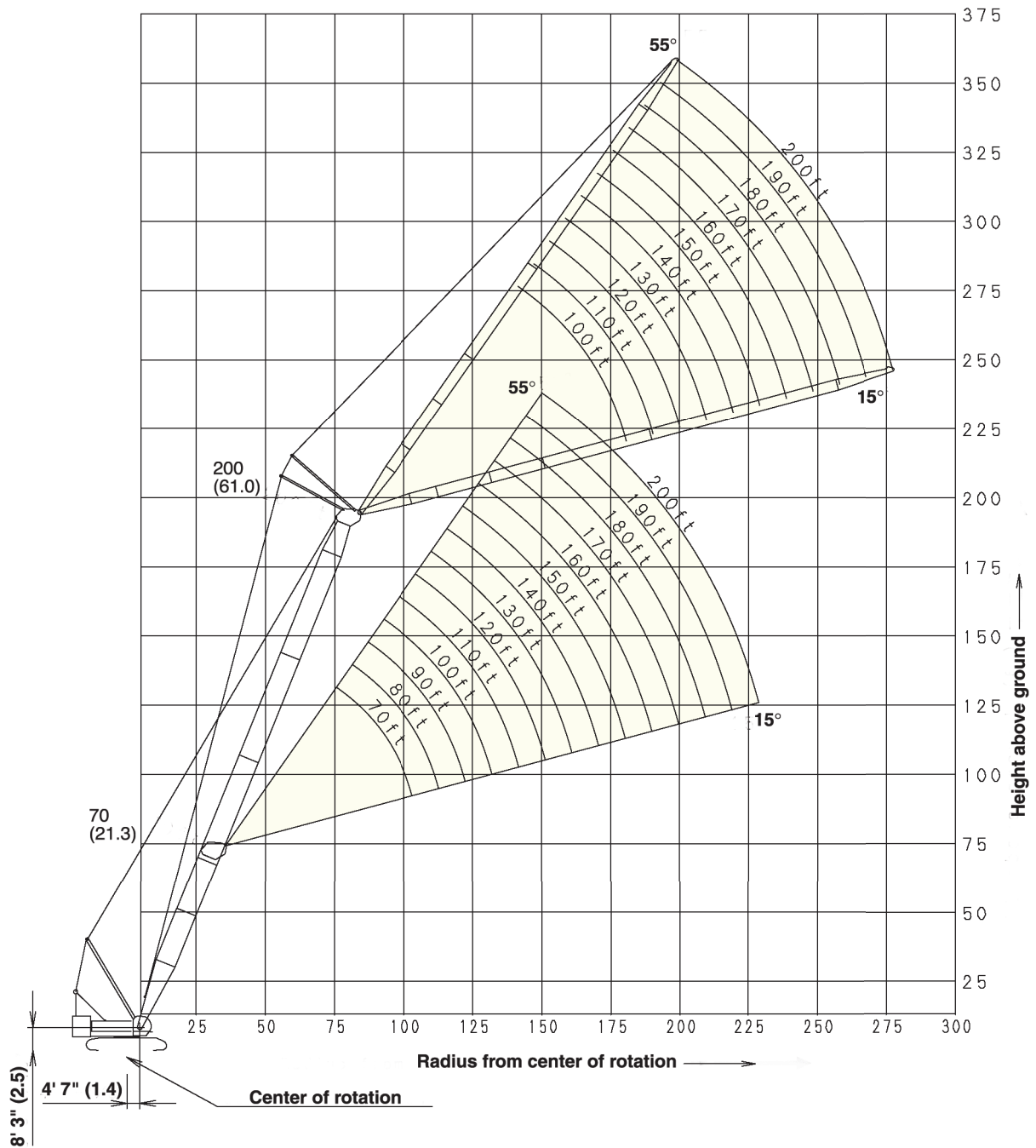
CK2750G-2

Luffing Boom/Jib - SPECIFICATIONS

Working Ranges

Luffing Jib 68°

Unit : ft



CK2750G-2

Luffing Boom/Jib - SPECIFICATIONS

Supplemental Data

- 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.
 - 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.
- 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.
- The boom should be erected over the front of the crawlers, not laterally. When erecting and lowering the boom at a length of 180 ft (54.9 m) or over, the blocks for erections must be placed at the end of the crawlers.
- (Luffing Boom Lifting)**
The total load that can be lifted is the value for weight of the main hook block, slings, and all other load handling accessories deducted from the crane boom ratings shown..

8. (Luffing Boom Lifting with Auxiliary Sheave Frame)

The total load that can be lifted is the value for the weight of the main hook block, auxiliary sheave hook block, slings, and all other load handling accessories deducted from the luffing boom ratings shown. Boom lengths that can attach auxiliary sheave are from 50ft (15.2 m) to 200ft (61.0 m).

9. (Auxiliary Sheave Lifting for Luffing Boom)

The total load that can be lifted is the value for the weight of the auxiliary sheave hook block, main hook block, slings, and all other load handling accessories deducted from the luffing boom ratings shown, but should not exceed 59,500 lbs.

Boom lengths that can attach auxiliary sheave are from 50 ft (15.2m) to 200 ft (61.0m).

10. (Luffing Boom Lifting with Luffing Jib)

The total load that can be lifted is the value for the weight of the main hook block, slings, and all other load handling accessories deducted from the luffing boom with luffing jib ratings shown.

11. (Luffing Jib Lifting with Main Hook Block)

The total load that can be lifted is the value for the weight of the main hook block, jib hook block, slings, and all other load handling accessories deducted from the luffing jib ratings shown.

12. (Luffing Jib Lifting)

The total load that can be lifted is the value for the weight of the jib hook block, slings, and all other load handling accessories deducted from the luffing jib ratings shown.

13. (Luffing Jib Lifting with Auxiliary Sheave Hook Block)

The total load that can be lifted is the value for the weight of the jib hook block, auxiliary hook block, slings, and all other load handling accessories deducted from the luffing jib ratings shown.

14. (Auxiliary Sheave Lifting with Jib Hook Block)

The total load that can be lifted is the value for the weight of the auxiliary sheave, hook block, jib hook block, slings, and all other load handling accessories deducted from the luffing jib ratings shown, but should not exceed 29,700 lbs.

15. Least stable position is over the side.

16. Luffing boom and jib combinations.

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

○: Combinations which is allowed.

x: Combinations which is not allowed.

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

(1) Luffing Jib

		Jib Length (ft)														
		70	80	90	100	110	120	130	140	150	160	170	180	190	200	
Boom Length (ft)	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	x	x	x	3	2	2	2	2	2	2	2	2	2	2		

x: Combinations which is not allowed.

Supplemental Data

(2) Main boom with luffing jib

	Jib Length (ft)															
	70	80	90	100	110	120	130	140	150	160	170	180	190	200		
Boom Length (ft)	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	8	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	6	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	3	3	3	3	3	

× Combinations which is not allowed.

18. Maximum hoist load for number of reeving parts of line for hoist rope. (Parts of line with parenthesis () is not recommended for lifting)

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
Maximum Loads (lbs)	178,500	208,300	238,000	275,500

Maximum Load for Jib

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 Load Auxiliary Sheave

No. of Parts of line	1
Maximum Loads (lbs)	29,700

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

20. 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.

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

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

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

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom Lift Capacities

Full 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												

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
20.9	80.1	275,500 *	20.9	80.1	270,200 *	20.9	80.1	264,500 *	20.9	80.1	262,300 *
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
59.0	42.7	78,700	59.0	42.7	75,300	59.0	42.7	72,000	59.0	42.7	70,900
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)
20.9	80.1	259,900 *	20.9	80.1	255,900 *	20.9	80.1	251,500 *	20.9	80.1	246,600 *
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
59.0	42.7	69,600	59.0	42.7	67,000	59.0	42.7	64,100	59.0	42.7	61,700
Reeves		10	Reeves		10	Reeves		10	Reeves		10

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
20.9	80.1	240,000 *	20.9	80.1	236,900 *	20.9	80.1	233,600 *	20.9	80.1	228,300 *
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
59.0	42.7	57,900	59.0	42.7	57,500	59.0	42.7	53,700	59.0	42.7	50,700
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)						
20.9	80.1	221,100 *	20.9	80.1	214,200 *						
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						
59.0	42.7	46,700	59.0	42.7	42,900						
Reeves		8	Reeves		8						

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
22.9	79.9	275,500 *	22.9	79.9	273,100 *	22.9	79.9	267,800 *	22.9	79.9	265,800 *
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
65.6	43.6	64,500	65.6	43.6	61,700	65.6	43.6	58,600	65.6	43.6	57,500
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)
22.9	79.9	263,600 *	22.9	79.9	260,100 *	22.9	79.9	256,100 *	22.9	79.9	251,900 *
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
65.6	43.6	56,400	65.6	43.6	54,200	65.6	43.6	51,500	65.6	43.6	49,100
Reeves		10	Reeves		10	Reeves		10	Reeves		10

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
22.9	79.9	245,800 *	22.9	79.9	242,900 *	22.9	79.9	240,000 *	22.9	79.9	235,200 *
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
65.6	43.6	45,800	65.6	43.6	45,600	65.6	43.6	42,100	65.6	43.6	39,400
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)						
22.9	79.9	228,600 *	22.9	79.9	222,400 *						
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						
65.6	43.6	35,700	65.6	43.6	32,100						
Reeves		8	Reeves		8						

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
26.2	78.9	275,500 *	26.2	78.9	274,600 *	26.2	78.9	272,900 *	26.2	78.9	271,100 *
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
72.1	44.2	53,500	72.1	44.2	50,700	72.1	44.2	49,800	72.1	44.2	48,900
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)
26.2	78.9	266,300 *	26.2	78.9	263,000 *	26.2	78.9	259,700 *	26.2	78.9	255,700 *
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
72.1	44.2	46,000	72.1	44.2	43,800	72.1	44.2	41,600	72.1	44.2	39,400
Reeves		10	Reeves		10	Reeves		10	Reeves		10

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
26.2	78.9	250,400 *	26.2	78.9	248,000 *	26.2	78.9	245,300 *	26.2	78.9	240,900 *
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
72.1	44.2	36,100	72.1	44.2	36,100	72.1	44.2	32,800	72.1	44.2	30,400
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)						
26.2	78.9	235,200 *	26.2	78.9	229,700 *						
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						
72.1	44.2	27,100	72.1	44.2	23,800						
Reeves		8	Reeves		8						

Refer to notes on page 88- 89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
26.2	80.0	253,900 *	26.2	80.0	254,100 *	26.2	80.0	250,000 *	26.2	80.0	246,000 *
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
78.7	44.7	44,500	78.7	44.7	44,900	78.7	44.7	42,300	78.7	44.7	40,100
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)
26.2	80.0	242,500 *	26.2	80.0	238,000 *	26.2	80.0	234,700 *	26.2	80.0	231,200 *
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
78.7	44.7	37,900	78.7	44.7	35,400	78.7	44.7	33,200	78.7	44.7	31,300
Reeves		10	Reeves		10	Reeves		8	Reeves		8

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
26.2	80.0	225,900 *	26.2	80.0	223,500 *	26.2	80.0	220,800 *	26.2	80.0	216,900 *
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
78.7	44.7	28,400	78.7	44.7	28,400	78.7	44.7	25,300	78.7	44.7	23,100
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)						
26.2	80.0	211,100 *	26.2	80.0	205,900 *						
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						
78.7	44.7	19,800	78.7	44.7	16,900						
Reeves		8	Reeves		8						

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
29.5	79.2	220,600 *	29.5	79.2	216,900 *	29.5	79.2	212,900 *	29.5	79.2	210,300 *
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
85.3	45.2	39,900	85.3	45.2	37,400	85.3	45.2	35,200	85.3	45.2	33,500
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)
29.5	79.2	206,100 *	29.5	79.2	202,100 *	29.5	79.2	199,200 *	29.5	79.2	195,900 *
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
85.3	45.2	31,000	85.3	45.2	28,600	85.3	45.2	26,600	85.3	45.2	24,900
Reeves		8	Reeves		8	Reeves		8	Reeves		8

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
29.5	79.2	191,100 *	29.5	79.2	188,900 *	29.5	79.2	186,700 *	29.5	79.2	182,900 *
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
85.3	45.2	22,000	85.3	45.2	22,000	85.3	45.2	19,100	85.3	45.2	17,100
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)						
29.5	79.2	177,900 *	29.5	79.2	173,000 *						
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	78.7	50.5	17,600						
85.0	45.4	14,400									
85.3	45.2	14,100									
Reeves		6	Reeves		6						

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
32.8	78.5	206,100 *	32.8	78.5	202,600 *	32.8	78.5	199,900 *	32.8	78.5	196,600 *
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
98.4	40.7	28,400	98.4	40.7	26,200	98.4	40.7	24,400	98.4	40.7	22,400
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)
32.8	78.5	192,900 *	32.8	78.5	189,100 *	32.8	78.5	186,500 *	32.8	78.5	183,400 *
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
98.4	40.7	20,200	98.4	40.7	18,000	98.4	40.7	16,300	98.4	40.7	14,500
Reeves		8	Reeves		8	Reeves		8	Reeves		8

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
32.8	78.5	179,000 *	32.8	78.5	177,000 *	32.8	78.5	175,000 *	32.8	78.5	171,700 *
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	85.3	49.9	17,400
95.0	43.2	14,400	95.0	43.2	14,400	91.8	45.5	13,800			
98.4	40.7	12,100	98.4	40.7	12,100						
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)						
32.8	78.5	167,100 *	32.8	78.5	162,600 *						
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	78.7	54.0	18,200						
85.0	50.1	14,800									
85.3	49.9	14,500									
Reeves		6	Reeves		6						

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
32.8	79.4	189,500 *	32.8	79.4	185,800 *	32.8	79.4	182,700 *	32.8	79.4	179,000 *
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
104.9	41.4	23,300	104.9	41.4	21,600	104.9	41.4	19,600	104.9	41.4	17,800
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)
32.8	79.4	176,100 *	32.8	79.4	173,700 *	32.8	79.4	169,900 *	32.8	79.4	165,700 *
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	98.4	45.8	14,300
104.9	41.4	15,600	104.9	41.4	14,100	104.9	41.4	11,900			
Reeves		6	Reeves		6	Reeves		6	Reeves		6

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
32.8	79.4	164,900 *	32.8	79.4	160,200 *	32.8	79.4	156,300 *	32.8	79.4	152,300 *
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	91.8	49.8	14,100	91.8	49.8	12,100
98.4	45.8	11,900	98.4	45.8	11,900						
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)						
32.8	79.4	147,900 *	32.8	79.4	143,200 *						
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	78.7	57.2	18,900						
85.0	53.8	15,000									
85.3	53.6	14,700									
Reeves		6	Reeves		6						

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
39.3	77.4	157,800 *	39.3	77.4	154,700 *	39.3	77.4	151,600 *	39.3	77.4	148,800 *
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
111.5	42.0	19,100	111.5	42.0	17,100	111.5	42.0	15,200	111.5	42.0	13,400
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)
39.3	77.4	146,600 *	39.3	77.4	143,500 *	39.3	77.4	139,900 *	39.3	77.4	137,300 *
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	98.4	49.8	13,800
110.0	43.0	12,700	104.9	46.0	13,600	104.9	46.0	11,400			
111.5	42.0	11,900									
Reeves		6	Reeves		6	Reeves		6	Reeves		6

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
39.3	77.4	133,500 *	39.3	77.4	132,000 *	39.3	77.4	130,200 *	39.3	77.4	127,200 *
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	91.8	53.3	13,800	91.8	53.3	11,900
98.4	49.8	11,400	98.4	49.8	11,400						
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)						
39.3	77.4	123,200 *	39.3	77.4	119,400 *						
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	78.7	59.9	18,900						
85.0	56.8	15,200									
85.3	56.6	14,900									
Reeves		6	Reeves		6						

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
39.3	78.3	144,400 *	39.3	78.3	141,500 *	39.3	78.3	139,700 *	39.3	78.3	136,600 *
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
118.1	42.5	15,400	118.1	42.5	13,600	118.1	42.5	11,600	111.5	46.2	13,800
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)
39.3	78.3	134,200 *	39.3	78.3	130,700 *	39.3	78.3	127,400 *	39.3	78.3	124,300 *
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	98.4	53.0	13,800
110.0	47.1	12,500	104.9	49.7	13,600	104.9	49.7	11,400			
111.5	46.2	11,600									
Reeves		6	Reeves		6	Reeves		6	Reeves		6

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
39.3	78.3	123,000 *	39.3	78.3	119,200 *	39.3	78.3	117,200 *	39.3	78.3	114,400 *
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	91.8	56.1	14,100	91.8	56.1	12,100
98.4	53.0	11,400	98.4	53.0	11,400						
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)						
39.3	78.3	110,400 *	39.3	78.3	106,700 *						
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	78.7	62.1	19,400						
85.0	59.3	15,500									
85.3	59.2	15,200									
Reeves		4	Reeves		4						

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
39.3	79.0	144,100 *	39.3	79.0	141,900 *	39.3	79.0	139,300 *	39.3	79.0	136,000 *
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	118.1	46.4	13,200	118.1	46.4	11,900	111.5	49.7	13,400
124.6	43.0	12,100									
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)
39.3	79.0	134,000 *	39.3	79.0	130,500 *	39.3	79.0	127,400 *	39.3	79.0	123,600 *
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	98.4	55.7	13,800
110.0	50.4	12,100	104.9	52.7	13,200	104.9	52.7	11,200			
111.5	49.7	11,200									
Reeves		6	Reeves		6	Reeves		6	Reeves		6

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
39.3	79.0	123,000 *	39.3	79.0	119,000 *	39.3	79.0	115,700 *	39.3	79.0	111,500 *
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	91.8	58.5	14,100	91.8	58.5	12,300
98.4	55.7	13,800	98.4	55.7	11,900						
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)						
39.3	79.0	108,600 *	39.3	79.0	104,200 *						
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	78.7	64.0	19,600						
85.0	61.4	15,700									
85.3	61.3	15,400									
Reeves		4	Reeves		4						

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
39.3	79.7	144,800 *	39.3	79.7	141,700 *	39.3	79.7	139,100 *	39.3	79.7	136,000 *
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	118.1	49.6	13,400	118.1	49.6	11,600	111.5	52.5	13,200
124.6	46.6	11,900									
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)
39.3	79.7	133,800 *	39.3	79.7	130,200 *	39.3	79.7	127,200 *	39.3	79.7	125,400 *
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	104.9	55.3	13,200	104.9	55.3	11,000	104.9	55.3	11,000
111.5	52.5	11,200									
Reeves		6	Reeves		6	Reeves		6	Reeves		6

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
39.3	79.7	123,000 *	39.3	79.7	119,200 *	39.3	79.7	115,700 *	39.3	79.7	111,700 *
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	91.8	60.6	14,300	91.8	60.6	12,500
98.4	58.0	13,800	98.4	58.0	11,900						
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)						
39.3	79.7	108,900 *	39.3	79.7	104,700 *						
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						
85.3	63.2	15,600	85.3	63.2	13,200						
Reeves		4	Reeves		4						

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
45.9	78.1	112,800 *	45.9	78.1	110,200 *	45.9	78.1	107,500 *	45.9	78.1	105,100 *
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	118.1	52.3	12,700	118.1	52.3	10,800	111.5	55.0	12,500
124.6	49.6	11,400									
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)
45.9	78.1	102,200 *	45.9	78.1	99,600 *	45.9	78.1	98,300 *	45.9	78.1	96,100 *
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	98.4	60.0	14,700
104.9	57.5	14,300	104.9	57.5	12,500	104.9	57.5	11,900			
Reeves		4	Reeves		4	Reeves		4	Reeves		4

Refer to notes on page 88-89.

CK2750G-2

Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
45.9	78.1	94,500 *	45.9	78.1	91,700 *	45.9	78.1	88,100 *	45.9	78.1	85,700 *
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	91.8	62.4	14,100	91.8	62.4	12,300
98.4	60.0	13,400	98.4	60.0	11,400						
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)						
45.9	78.1	82,200 *	45.9	78.1	78,900 *						
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						
85.3	64.8	15,400	85.3	64.8	13,000						
Reeves		4	Reeves		4						

Refer to notes on page 88-89.

CK2750G-2

Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
45.9	78.8	111,100 *	45.9	78.8	108,400 *	45.9	78.8	105,800 *	45.9	78.8	103,300 *
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	118.1	54.7	12,500	118.1	54.7	10,800	111.5	57.1	12,300
124.6	52.2	11,200									
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)
45.9	78.8	100,700 *	45.9	78.8	99,600 *	45.9	78.8	96,700 *	45.9	78.8	94,500 *
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	98.4	61.8	14,700
104.9	59.4	14,300	104.9	59.4	13,600	104.9	59.4	11,600			
Reeves		4	Reeves		4	Reeves		4	Reeves		4

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
45.9	78.8	93,000 *	45.9	78.8	90,100 *	45.9	78.8	86,800 *	45.9	78.8	84,200 *
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	91.8	64.0	14,100	91.8	64.0	12,300
98.4	61.8	13,400	98.4	61.8	11,400						
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)						
45.9	78.8	80,600 *	45.9	78.8	77,600 *						
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						
85.3	66.2	15,400	85.3	66.2	13,000						
Reeves		4	Reeves		4						

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)
45.9	79.3	101,800 *	45.9	79.3	101,600 *	45.9	79.3	98,500 *	45.9	79.3	96,100 *
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	104.9	61.1	13,400	104.9	61.1	11,400
111.5	58.9	12,100	111.5	58.9	11,400						
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)
45.9	79.3	92,800 *	45.9	79.3	91,000 *	45.9	79.3	88,100 *	45.9	79.3	84,800 *
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	91.8	65.4	13,800
98.4	63.3	14,300	98.4	63.3	13,200	98.4	63.3	11,200			
Reeves		4	Reeves		4	Reeves		4	Reeves		4

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Boom with Luffing Lift Capacities

Full 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)			
45.9	79.3	82,200 *	45.9	79.3	78,900 *	45.9	79.3	75,600 *			
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	85.3	67.5	15,400	85.3	67.5	13,200			
91.8	65.4	12,100									
Reeves			Reeves			Reeves					
4			4			4					

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
65.6	46,000*											65.6	40,500*										
70.0	45,300*											70.0	40,400*										
75.0	44,100*											75.0	39,600*										
80.0	42,500*											80.0	38,400*										
85.0	40,800*	85.3	42,300*									85.0	36,900*										
90.0	39,200*	90.0	40,700*									90.0	35,300*	91.8	36,100*								
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*	111.5	35,400*							110.0	30,300*	110.0	31,200*	111.5	31,900*						
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*	131.2	31,500*					130.0	26,000*	130.0	27,100*	130.0	28,000*	137.7	27,300*				
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*	150.9	28,200*			150.0	22,800*	150.0	23,500*	150.0	24,400*	150.0	25,000*	157.4	24,600*		
160.0	23,100*	160.0	24,000*	160.0	24,900*	160.0	25,800*	160.0	26,600*			160.0	21,200*	160.0	22,000*	160.0	22,800*	160.0	23,400*	160.0	24,200*		
170.0	21,600*	170.0	22,500*	170.0	23,200*	170.0	24,100*	170.0	24,700*	170.6	25,500*	170.0	19,900*	170.0	20,500*	170.0	21,400*	170.0	22,100*	170.0	22,700*	177.1	22,200*
180.0	20,100*	180.0	21,000*	180.0	21,800*	180.0	22,500*	180.0	23,300*	180.0	23,900*	180.0	18,600*	180.0	19,400*	180.0	20,100*	180.0	20,700*	180.0	21,400*	180.0	21,800*
190.0	18,100*	190.0	19,600*	190.0	20,500*	190.0	21,200*	190.0	21,800*	190.0	22,500*	190.0	17,400*	190.0	18,100*	190.0	18,700*	190.0	19,400*	190.0	20,100*	190.0	20,700*
190.2	18,000*	196.8	18,000*	200.0	18,600*	200.0	19,800*	200.0	20,500*	200.0	21,100	200.0	16,100*	200.0	16,900*	200.0	17,700*	200.0	18,300*	200.0	18,800*	200.0	19,500*
				203.4	17,800*	209.9	17,800*	210.0	19,100*	210.0	19,800	203.4	15,400*	209.9	15,400*	210.0	16,500*	210.0	17,100*	210.0	17,800*	210.0	18,200*
								216.5	17,600*	220.0	18,200					216.5	15,400*	216.5	16,500*	220.0	16,800*	220.0	17,200*
										223.0	17,600*									223.0	16,500*	229.6	16,300*
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)								
65.6	45,600*											65.6	40,500*																		
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*	91.8	39,900*									90.0	35,300*	91.8	36,100*																
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*									118.1	30,400*						
120.0	30,800*	120.0	31,900*									120.0	28,000*	120.0	28,900*									120.0	29,900*						
130.0	28,600*	130.0	29,600*	130.0	30,700*	131.2	31,300*					130.0	26,000*	130.0	26,900*	130.0	27,800*	137.7	27,100*												
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*	150.9	28,200*	150.0	22,600*							150.0	23,500*	150.0	24,100*	150.0	25,000*	157.4	24,400*
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*	170.6	25,300*							170.0	19,900*	170.0	20,500*	170.0	21,200*	170.0	21,900*
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*								
190.2	18,200*	196.8	18,200*	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*								
												203.4	18,000*	209.9	18,000*	210.0	19,100*	210.0	19,100	203.4	15,800*	209.9	15,800*	210.0	16,700*	210.0	17,100*	210.0	17,800*	210.0	18,200*
																216.5	17,800*	220.0	18,000					216.5	15,800*	220.0	16,000*	220.0	16,800*	220.0	17,200*
																		223.0	17,600							223.0	15,600*	229.6	15,600*	230.0	16,200*
																													236.2	15,400*	
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2								

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

90' Boom																																
70 ft Jib												80 ft Jib																				
Boom Angle (deg.)												Boom Angle (deg.)																				
88		83		78		73		68		63		88		83		78		73		68		63										
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)									
32.8	161,800*											39.3	148,300*																			
34.0	159,400*																															
36.0	155,500*																															
38.0	151,600*																															
40.0	147,700*																															
42.0	143,800*											44.0	140,200*	46.0	136,700*	48.0	133,300*	50.0	129,900*	52.4	128,500											
44.0	139,800*																															
46.0	135,800*																															
48.0	131,900*																															
50.0	128,000*																															
55.0	118,300*	59.0	116,400	60.0	114,200	72.1	87,500					55.0	121,300*	55.0	124,600																	
60.0	108,500*																															
65.0	98,600*																															
70.0	88,900*																															
75.0	76,400*																															
78.7	65,400*											80.0	80,900	85.0	73,300	85.3	71,300	85.0	69,200	90.0	64,800	85.0	75,100	85.0	72,800	85.0	71,100	80.0	76,800			
		85.3	73,800*	90.0	68,200	90.0	66,500	90.0	64,800	98.4	56,200	85.3	64,100*	90.0	69,900	90.0	67,900	90.0	66,300	91.8	62,600											
		91.8	66,300	95.0	62,100	95.0	60,500	100.0	56,700	100.0	55,100																					
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6									

90' Boom																																											
90 ft Jib												100 ft Jib																															
Boom Angle (deg.)												Boom Angle (deg.)																															
88		83		78		73		68		63		88		83		78		73		68		63																					
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)																				
39.3	148,800*											39.3	143,200*																														
40.0	147,700*																																										
42.0	144,300*																																										
44.0	140,800*																																										
46.0	137,400*																																										
48.0	134,000*											52.4	128,500	55.0	124,200	60.0	115,300	65.0	105,200	70.0	97,200*	70.0	96,100	72.1	89,200																		
50.0	130,500*																																										
55.0	122,000*																																										
60.0	113,400*																																										
65.0	104,800*																																										
70.0	96,300*	70.0	95,900	75.0	87,800	80.0	80,900	85.0	72,600	85.3	70,500																																
75.0	88,000*																																										
80.0	80,100*																																										
85.0	72,700*																																										
90.0	64,200*																																										
95.0	55,300*																						90.0	69,700	90.0	67,700	90.0	65,900	98.4	57,000	100.0	55,900	100.0	57,800	100.0	51,400	110.0	49,600	111.5	47,300			
98.4	49,100*																																										
		100.0	60,600	100.0	59,200	100.0	57,800	110.0	52,700	110.0	51,800	120.0	44,500	120.0	43,400	130.0	39,200	131.2	38,800																								
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6																				

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
45.9	119,000*											45.9	105,100*										
46.0	119,000*											46.0	105,100*										
48.0	117,700*											48.0	104,200*										
50.0	116,400*											50.0	103,300*										
55.0	112,500*											55.0	100,900*										
60.0	108,000*											60.0	98,200*										
65.0	103,700*											65.0	95,300*										
70.0	96,900*											70.0	92,200*										
75.0	89,300*											75.0	87,900*										
80.0	81,600*											80.0	82,500*										
85.0	75,100*											85.0	75,800*										
90.0	69,500*											90.0	70,100*										
95.0	64,500*											95.0	65,100*										
100.0	59,500*											100.0	60,600*										
110.0	48,500*											110.0	52,600*										
118.1	38,800*											120.0	43,100*										
												124.6	38,500*										
												130.0											
												140.0											
												150.0											
												150.9											
					</																		

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
45.9	119,000*											45.9	105,100*										
46.0	119,000*											46.0	105,100*										
48.0	117,700*											48.0	104,200*										
50.0	116,400*											50.0	103,300*										
55.0	112,500*	59.0	115,000*									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*	65.6	101,600*								
70.0	96,900*	70.0	95,600									70.0	92,200*	70.0	94,800								
75.0	89,300*	75.0	87,600	78.7	79,500							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	85.3	71,800						
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	98.4	58,400					95.0	65,100*	95.0	64,800	95.0	62,800	98.4	58,200				
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	111.5	48,200			110.0	52,600*	110.0	53,800	110.0	52,300	110.0	50,700	118.1	44,700		
118.1	38,800*	120.0	47,800	120.0	46,900	120.0	45,600	120.0	44,000	124.6	40,700	120.0	43,100*	120.0	48,400	120.0	46,900	120.0	45,400	120.0	43,900		
		124.6	43,400*	130.0	42,400	130.0	41,200	130.0	39,700	130.0	38,800	124.6	38,500*	130.0	42,800	130.0	42,400	130.0	41,000	130.0	39,700	131.2	37,900
				131.2	41,800	137.7	38,300	140.0	36,200	140.0	35,200			131.2	42,100*	137.7	39,400	140.0	37,300	140.0	36,100	140.0	34,900
								144.3	34,800	150.0	32,200							150.0	34,200	150.0	33,100	150.0	31,900
										150.9	31,900							150.9	33,900	157.4	31,000	164.0	28,400
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

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)
52.4	87,000*											52.4	74,900*										
55.0	86,300*											55.0	74,100*										
60.0	84,700*											60.0	72,700*										
65.0	82,800*											65.0	71,300*										
70.0	80,900*	72.1	84,400*									70.0	70,000*	72.1	72,300*								
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	85.3	71,800							85.0	65,900*	85.0	69,900*								
90.0	70,100*	90.0	69,300	90.0	67,200							90.0	64,000*	90.0	68,100	91.8	65,200						
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	104.9	53,500					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	111.5	49,600				
120.0	46,900*	120.0	48,200	120.0	46,700	120.0	45,400	124.6	41,600			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	137.7	35,400	130.0	41,700*	130.0	43,500	130.0	42,200	130.0	40,800				
131.2	37,600*	140.0	38,700	140.0	38,500	140.0	37,100	140.0	36,000	140.0	34,800	140.0	34,500*	140.0	39,700	140.0	38,400	140.0	37,100	140.0	35,800	144.3	33,200
		144.3	35,000*	150.0	35,300	150.0	34,000	150.0	32,900	150.0	31,800	144.3	31,500*	150.0	34,900	150.0	35,100	150.0	34,000	150.0	32,800	150.0	31,700
				150.9	35,000	157.4	31,900	160.0	30,200	160.0	29,300			150.9	34,300*	157.4	33,000	160.0	31,200	160.0	30,100	160.0	29,100
								164.0	29,300	170.0	27,000							170.0	28,800	170.0	27,800	170.0	26,800
										170.6	26,800							170.6	28,600	177.1	26,400	180.0	24,800
																					183.7	24,200	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
65.6	44,900*																						
70.0	44,500*											72.1	39,900*										
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*	91.8	39,900*									90.0	35,100*	91.8	35,900*								
95.0	37,400*	95.0	38,800*									95.0	33,700*	95.0	35,000*								
100.0	35,800*	100.0	37,200*									100.0	32,400*	100.0	33,700*								
110.0	33,200*	110.0	34,300*	111.5	35,200*							110.0	30,000*	110.0	31,200*	118.1	30,400*						
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*	137.7	29,900*					130.0	26,000*	130.0	26,900*	130.0	27,800*	137.7	27,100*				
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*	157.4	26,800*			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*	164.0	23,300*		
170.0	21,700*	170.0	22,500*	170.0	23,200*	170.0	24,100*	170.0	24,700*	177.1	23,800	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*	183.7	21,300*
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*
190.2	18,500*	200.0	17,600*	200.0	18,900*	200.0	19,800*	200.0	20,500*	200.0	20,000	200.0	16,400*	200.0	17,000*	200.0	17,700*	200.0	18,300*	200.0	18,800*	200.0	19,300*
		203.4	16,700*	209.9	16,700*	210.0	18,000*	210.0	19,100*	210.0	18,700	203.4	16,000*	209.9	16,000*	210.0	16,700*	210.0	17,100*	210.0	17,800*	210.0	18,200
						216.5	16,700*	220.0	17,100*	220.0	17,500					216.5	15,800*	220.0	16,100*	220.0	16,800*	220.0	17,100
								223.0	16,500*	229.6	16,300							223.0	15,800*	230.0	15,500*	230.0	16,000
																				236.2	14,300*	240.0	14,700
																						242.7	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

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

100' Boom																							
70 ft Jib												80 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
32.8	154,200*																						
34.0	152,800*																						
36.0	150,600*																						
38.0	148,300*											39.3	145,900*										
40.0	145,600*											40.0	144,900*										
42.0	141,900*											42.0	141,600*										
44.0	138,200*											44.0	138,300*										
46.0	134,500*											46.0	135,000*										
48.0	130,800*											48.0	131,800*										
50.0	127,100*	52.4	128,500									50.0	128,500*	52.4	128,000								
55.0	117,900*	55.0	124,700									55.0	120,400*	55.0	124,200								
60.0	108,700*	60.0	116,500									60.0	112,200*	60.0	115,900								
65.0	99,400*	65.0	105,400	65.6	100,900							65.0	104,100*	65.0	105,100	65.6	100,500						
70.0	90,200*	70.0	96,100	70.0	93,100							70.0	95,900*	70.0	95,800	70.0	92,700						
75.0	78,000*	75.0	88,000	75.0	85,300	78.7	77,800					75.0	86,800*	75.0	87,800	75.0	84,800						
78.7	67,200*	80.0	81,100	80.0	78,500	80.0	76,300					80.0	76,800*	80.0	80,900	80.0	78,100						
		85.0	75,100	85.0	72,600	85.0	70,600					85.0	65,900*	85.0	74,800	85.0	72,400	85.3	69,800				
		85.3	74,700	90.0	67,700	90.0	65,900	91.8	61,900			85.3	65,200*	90.0	69,700	90.0	67,500	90.0	65,400				
				91.8	65,900	95.0	61,600	95.0	59,500					95.0	63,500	95.0	63,000	95.0	61,100	98.4	56,400		
						100.0	57,700	100.0	55,800	104.9	50,900			98.4	58,800*	100.0	59,000	100.0	57,300	100.0	55,300	111.5	46,700
						104.9	54,200	110.0	49,400	110.0	48,000					104.9	55,500	110.0	50,900	110.0	49,100	130.0	38,600
								111.5	48,500	118.1	43,800							111.5	50,000	118.1	44,900	131.2	38,100
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6

100' Boom																							
90 ft Jib												100 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
39.3	144,400*																						
40.0	143,400*																						
42.0	140,200*																						
44.0	137,000*											45.9	133,500*										
46.0	133,900*											46.0	133,400*										
48.0	130,800*											48.0	130,400*										
50.0	127,700*											50.0	127,400*										
55.0	119,900*	59.0	117,000									55.0	119,900*	59.0	116,400								
60.0	112,000*	60.0	115,100									60.0	112,500*	60.0	114,500								
65.0	104,300*	65.0	105,000									65.0	104,900*	65.0	104,800								
70.0	96,400*	70.0	95,800	72.1	88,600							70.0	97,400*	70.0	95,600								
75.0	88,400*	75.0	87,800	75.0	84,600							75.0	89,500*	75.0	87,600	78.7	79,300						
80.0	80,600*	80.0	80,900	80.0	77,800							80.0	81,800*	80.0	80,700	80.0	77,800						
85.0	73,600*	85.0	74,800	85.0	72,000	85.3	69,800					85.0	75,100*	85.0	74,600	85.0	72,000						
90.0	65,100*	90.0	69,700	90.0	67,000	90.0	65,400					90.0	69,500*	90.0	69,500	90.0	67,000	91.8	63,200				
95.0	56,300*	95.0	65,200	95.0	62,700	95.0	61,100					95.0	63,200*	95.0	65,000	95.0	62,700	95.0	60,800				
98.4	50,200*	100.0	61,200	100.0	58,800	100.0	57,300	104.9	51,500			100.0	56,400*	100.0	61,000	100.0	58,800	100.0	57,000				
		104.9	57,500	110.0	52,100	110.0	50,700	110.0	48,700	118.1	43,400	104.9	49,600*	110.0	54,100	110.0	52,100	110.0	50,500	111.5	47,800		
				111.5	51,100	120.0	45,600	120.0	43,700	120.0	42,600			111.5	53,100	120.0	46,700	120.0	45,400	120.0	43,600	124.6	40,300
						124.6	43,400	130.0	39,500	130.0	38,400					124.6	44,500	130.0	41,000	130.0	39,400	130.0	38,100
								131.2	39,000	137.7	35,700							131.2	40,500	137.7	36,500	140.0	34,800
																						150.0	31,800
																						150.9	31,500
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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

100' Boom																							
110 ft Jib												120 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
45.9	119,000*											45.9	104,400*										
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*	65.6	102,900									65.0	95,300*	65.6	102,200*								
70.0	97,200*	70.0	95,200									70.0	92,200*	70.0	94,900								
75.0	89,600*	75.0	87,300	78.7	78,900							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	85.3	71,200						
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	98.4	57,700					95.0	65,500*	95.0	64,600	95.0	62,200						
100.0	59,900*	100.0	60,700	100.0	58,400	100.0	56,600					100.0	60,800*	100.0	60,500	100.0	58,400	104.9	52,900				
110.0	49,300*	110.0	53,800	110.0	51,800	110.0	50,200	111.5	47,300			110.0	53,100*	110.0	53,600	110.0	51,800	110.0	49,800	118.1	43,800		
118.1	39,600*	120.0	48,100	120.0	46,500	120.0	45,000	120.0	43,200			120.0	43,700*	120.0	48,200	120.0	46,500	120.0	44,700	120.0	43,000		
		124.6	45,100*	130.0	41,900	130.0	40,600	130.0	39,000	131.2	37,200	124.6	39,200*	130.0	43,500	130.0	41,900	130.0	40,400	130.0	38,800	137.7	34,800
				131.2	41,400	140.0	37,000	140.0	35,400	140.0	34,300			131.2	42,900	140.0	38,200	140.0	36,700	140.0	35,400	140.0	34,000
						144.3	35,700	150.0	32,400	150.0	31,300					144.3	36,800	150.0	33,700	150.0	32,400	150.0	31,100
								150.9	32,100	157.4	29,500							150.9	33,500	157.4	30,400	160.0	28,700
																						170.0	26,300
																						170.6	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

100' Boom																							
130 ft Jib												140 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
52.4	87,000*											52.4	74,900*										
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*	72.1	84,600*									70.0	69,200*	72.1	72,300*								
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	91.8	64,800							90.0	62,700*	90.0	67,800	91.8	64,800						
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	111.5	48,900					110.0	54,200*	110.0	53,600	110.0	51,600	111.5	48,700				
120.0	47,200*	120.0	48,000	120.0	46,200	120.0	44,700	124.6	41,000			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	140.0	38,800			130.0	42,100*	130.0	43,300	130.0	41,700	130.0	40,100	131.2	38,100		
137.7	32,400*	140.0	39,000	140.0	38,000	140.0	36,700	140.0	35,200	144.3	32,600	140.0	35,100*	140.0	39,500	140.0	38,000	140.0	36,500	140.0	35,100		
		144.3	36,500*	150.0	34,800	150.0	33,500	150.0	32,200	150.0	31,100	144.3	31,900*	150.0	35,800	150.0	34,800	150.0	33,500	150.0	32,200	150.9	30,600
				150.9	34,600	160.0	30,900	160.0	29,600	160.0	28,500			150.9	35,400*	160.0	32,000	160.0	30,700	160.0	29,600	160.0	28,200
						164.0	29,900	170.0	27,400	170.0	26,300					164.0	31,000	170.0	28,300	170.0	27,200	170.0	26,100
								170.6	27,300	177.1	24,900							170.6	28,200	177.1	25,700	180.0	24,200
																						183.7	23,500
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
65.6	44,300*																						
70.0	43,800*											72.1	39,200*										
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*	91.8	39,900*									90.0	34,900*	91.8	35,900*								
95.0	37,100*	95.0	38,800*									95.0	33,500*	95.0	34,900*								
100.0	35,700*	100.0	37,200*									100.0	32,200*	100.0	33,500*								
110.0	33,000*	110.0	34,300*	118.1	33,500*							110.0	29,900*	110.0	31,000*	118.1	30,200*						
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*	137.7	29,700*					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*	144.3	25,700*				
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*	164.0	25,500*			160.0	21,200*	160.0	21,900*	160.0	22,500*	160.0	23,200*	164.0	23,300*		
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*	183.7	22,000	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*	190.2	20,200*
190.2	18,500*	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
		203.4	16,900*	209.9	16,900*	210.0	18,000*	210.0	18,900	210.0	18,000	203.4	16,000*	209.9	16,000*	210.0	16,700*	210.0	17,100*	210.0	17,600*	210.0	17,800
						216.5	16,700*	220.0	17,100*	220.0	16,800					220.0	15,100*	220.0	16,000*	220.0	16,700*	220.0	16,600
								229.6	15,200*	230.0	15,800					223.0	14,500*	229.6	14,500*	230.0	15,300*	230.0	15,300
										236.2	15,200									236.2	14,300*	240.0	14,300
																					242.7	14,100	
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
32.8	148,800*																						
34.0	147,900*																						
36.0	146,400*																						
38.0	144,900*											39.3	142,100*										
40.0	142,800*											40.0	141,200*										
42.0	139,400*											42.0	138,200*										
44.0	136,000*											44.0	135,100*										
46.0	132,500*											46.0	132,100*										
48.0	129,100*											48.0	129,100*										
50.0	125,700*	52.4	128,000									50.0	126,100*	52.4	127,600								
55.0	117,000*	55.0	124,200									55.0	118,600*	55.0	123,700								
60.0	108,300*	60.0	116,000									60.0	111,200*	60.0	115,400								
65.0	99,800*	65.0	104,900	65.6	100,000							65.0	103,600*	65.0	104,700								
70.0	91,200*	70.0	95,800	70.0	92,400							70.0	96,100*	70.0	95,400	72.1	88,100						
75.0	79,400*	75.0	87,700	75.0	84,600	78.7	76,900					75.0	87,500*	75.0	87,400	75.0	84,200						
78.7	68,700*	80.0	80,700	80.0	77,900	80.0	75,500					80.0	77,900*	80.0	80,500	80.0	77,400						
		85.0	74,600	85.0	72,200	85.0	69,900					85.0	67,000*	85.0	74,600	85.0	71,700	85.3	69,200				
		85.3	74,200	90.0	67,200	90.0	65,200	91.8	61,000			85.3	66,300*	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	98.4	55,500		
				98.4	59,900	100.0	57,000	100.0	54,900					98.4	61,900	100.0	58,600	100.0	56,700	100.0	54,400		
						104.9	53,500	110.0	48,700	111.5	46,200					104.9	55,100	110.0	50,300	110.0	48,200	118.1	42,700
								118.1	44,500	120.0	42,300							118.1	46,000	120.0	43,200	120.0	41,900
										124.6	40,300									124.6	41,200	130.0	37,900
																					131.2	37,400	
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)
39.3	139,900*																						
40.0	139,100*																						
42.0	136,200*																						
44.0	133,400*											45.9	119,000*										
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*	59.0	116,600									55.0	115,900*	59.0	115,900								
60.0	110,800*	60.0	114,700									60.0	109,600*	60.0	114,100								
65.0	103,800*	65.0	104,600									65.0	103,300*	65.0	104,300								
70.0	96,700*	70.0	95,400	72.1	87,900							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	78.7	78,700						
80.0	81,100*	80.0	80,400	80.0	77,200							80.0	82,300*	80.0	80,300	80.0	77,200						
85.0	74,400*	85.0	74,400	85.0	71,300							85.0	75,500*	85.0	74,400	85.0	71,300						
90.0	66,000*	90.0	69,400	90.0	66,500	91.8	62,800					90.0	69,800*	90.0	69,300	90.0	66,500						
95.0	57,300*	95.0	64,900	95.0	62,100	95.0	60,400					95.0	63,700*	95.0	64,800	95.0	62,100	98.4	57,300				
98.4	51,300*	100.0	60,800	100.0	58,200	100.0	56,600	104.9	50,700			100.0	57,400*	100.0	60,700	100.0	58,200	100.0	56,200				
		104.9	57,300	110.0	51,600	110.0	50,200	110.0	47,800			104.9	50,700*	110.0	53,800	110.0	51,600	110.0	50,000	111.5	46,900		
				118.1	47,100	120.0	45,000	120.0	42,900	124.6	39,600			118.1	48,200*	120.0	46,200	120.0	44,800	120.0	42,800		
						124.6	42,900	130.0	38,800	130.0	37,700					124.6	44,000	130.0	40,400	130.0	38,600	131.2	37,000
								131.2	38,300	140.0	34,300							137.7	37,600	140.0	35,200	140.0	33,900
										144.3	32,800									144.3	33,900	150.0	31,100
																						150.9	30,800
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
45.9	115,000*											45.9	101,100*										
46.0	115,000*											46.0	101,100*										
48.0	114,100*											48.0	100,900*										
50.0	113,300*											50.0	100,600*										
55.0	110,000*											55.0	99,700*										
60.0	105,600*											60.0	98,200*										
65.0	101,000*	65.6	102,500									65.0	95,300*	65.6	102,500								
70.0	96,200*	70.0	94,800									70.0	92,200*	70.0	94,700								
75.0	89,800*	75.0	86,900									75.0	87,900*	75.0	86,700								
80.0	82,500*	80.0	80,000									80.0	82,600*	80.0	79,800								
85.0	75,800*	85.0	73,900	85.3	70,700							85.0	76,600*	85.0	73,700	85.3	70,700						
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	98.4	57,000					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	104.9	52,200				
110.0	49,800*	110.0	53,600	110.0	51,400	110.0	49,600	118.1	43,200			110.0	53,500*	110.0	53,400	110.0	51,400	110.0	49,300				
118.1	40,300*	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	124.6	40,300		
		124.6	45,800	130.0	41,500	130.0	40,100	130.0	38,300	137.7	34,300	124.6	39,600*	130.0	43,300	130.0	41,500	130.0	39,900	130.0	38,100	137.7	33,900
				137.7	38,500	140.0	36,500	140.0	34,800	140.0	33,700			137.7	38,300*	140.0	37,800	140.0	36,200	140.0	34,800	140.0	33,200
						144.3	35,000	150.0	31,800	150.0	30,700					144.3	36,300	150.0	33,100	150.0	31,800	150.0	30,400
								150.9	31,500	160.0	28,200							150.9	32,800	160.0	29,100	160.0	27,900
										164.0	27,300									164.0	28,200	170.0	25,900
																						170.6	25,700
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

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)
52.4	87,000*											52.4	74,900*										
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*	72.1	84,800*									70.0	69,200*	72.1	72,500*								
75.0	78,800*	75.0	83,200									75.0	67,600*	75.0	71,900*								
80.0	76,200*	80.0	79,600									80.0	65,900*	80.0	70,900*								
85.0	73,300*	85.0	73,700									85.0	64,200*	85.0	70,100*								
90.0	70,500*	90.0	68,600	91.8	64,300							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	98.4	58,800						
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	111.5	48,200					110.0	54,200*	110.0	53,200	110.0	51,200	118.1	44,700				
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	131.2	37,600			130.0	42,500*	130.0	43,000	130.0	41,300	130.0	39,700	137.7	35,200		
137.7	32,800*	140.0	39,300	140.0	37,800	140.0	36,200	140.0	34,600	144.3	31,700	140.0	35,600*	140.0	39,300	140.0	37,600	140.0	36,000	140.0	34,500		
		144.3	37,600*	150.0	34,600	150.0	33,100	150.0	31,700	150.0	30,200	144.3	32,400*	150.0	35,900	150.0	34,400	150.0	32,900	150.0	31,500	150.9	29,900
				157.4	32,400	160.0	30,400	160.0	29,100	160.0	27,800			157.4	31,500*	160.0	31,700	160.0	30,200	160.0	28,900	160.0	27,600
						164.0	29,500	170.0	26,800	170.0	25,600					164.0	30,600	170.0	27,900	170.0	26,700	170.0	25,400
								170.6	26,600	180.0	23,700							170.6	27,700	180.0	24,700	180.0	23,500
										183.7	23,100									183.7	24,000	190.0	21,800
																						190.2	21,800
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
65.6	43,600*																						
70.0	43,200*											72.1	38,500*										
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*	91.8	39,600*									90.0	34,800*										
95.0	37,100*	95.0	38,700*									95.0	33,500*	98.4	33,900*								
100.0	35,600*	100.0	37,200*									100.0	32,200*	100.0	33,500*								
110.0	32,900*	110.0	34,300*	118.1	33,500*							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*	124.6	28,800*						
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*	144.3	28,400*					140.0	24,100*	140.0	24,900*	140.0	25,800*	144.3	25,700*				
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*	164.0	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*	170.6	22,200*		
180.0	20,300*	180.0	21,200*	180.0	21,800*	180.0	22,500*	180.0	23,100	183.7	21,300	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*	190.2	20,000
190.2	18,700*	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
		203.4	17,100*	209.9	16,900*	210.0	18,000*	210.0	18,500	210.0	17,600	203.4	16,000*	209.9	16,000*	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	15,200*	220.0	16,000*	220.0	16,700*	220.0	16,000
						223.0	15,600*	229.6	15,400*	230.0	15,100					223.0	14,700*	229.6	14,500*	230.0	15,300*	230.0	14,900
										240.0	14,100									240.0	13,600*	240.0	13,900
										242.7	13,800									242.7	13,200*	249.3	13,000
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
32.8	148,800*																						
34.0	147,000*																						
36.0	143,900*																						
38.0	140,900*											39.3	139,900*										
40.0	137,900*											40.0	139,100*										
42.0	134,800*											42.0	136,200*										
44.0	131,700*											44.0	133,400*										
46.0	128,600*											46.0	130,600*										
48.0	125,600*											48.0	127,700*										
50.0	122,500*	52.4	127,800									50.0	124,800*	52.4	127,200								
55.0	115,000*	55.0	124,000									55.0	117,700*	55.0	123,300								
60.0	107,400*	60.0	115,800									60.0	110,600*	60.0	115,000								
65.0	99,700*	65.0	104,700	65.6	99,200							65.0	103,400*	65.0	104,200								
70.0	92,100*	70.0	95,400	70.0	91,600							70.0	96,300*	70.0	95,100	72.1	87,500						
75.0	80,700*	75.0	87,400	75.0	83,900							75.0	88,200*	75.0	87,100	75.0	83,500						
78.7	70,100*	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	85.3	68,500					85.0	68,100*	85.0	74,200	85.0	71,100						
		85.3	74,000	90.0	66,600	90.0	64,300					85.3	67,400*	90.0	69,100	90.0	66,300						
				95.0	62,200	95.0	60,000							95.0	64,600	95.0	61,900	91.8	62,100				
				98.4	59,500	100.0	56,200	98.4	54,800					98.4	61,700	100.0	57,900	95.0	59,700				
						110.0	49,800	110.0	47,800	111.5	45,100					104.9	54,400	100.0	55,900	104.9	50,200		
						111.5	48,900	118.1	43,600	120.0	41,200							110.0	49,600	110.0	47,400	118.1	41,600
										130.0	37,200							118.1	45,400	120.0	42,300	120.0	40,800
										131.2	36,800									130.0	38,300	130.0	36,800
																				131.2	37,900	137.7	34,100
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)
39.3	119,000*																						
40.0	119,000*																						
42.0	119,000*																						
44.0	119,000*											45.9	119,000*										
46.0	119,000*											46.0	119,000*										
48.0	119,000*											48.0	118,300*										
50.0	119,000*											50.0	117,600*										
55.0	115,800*	59.0	116,100									55.0	113,900*										
60.0	109,400*	60.0	114,200									60.0	108,200*										
65.0	103,200*	65.0	104,100									65.0	102,500*	65.6	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	78.7	77,800							75.0	90,000*	75.0	86,900	78.7	77,800						
80.0	81,500*	80.0	80,000	80.0	76,300							80.0	82,700*	80.0	80,000	80.0	76,300						
85.0	74,700*	85.0	74,200	85.0	70,600							85.0	75,800*	85.0	73,900	85.0	70,600						
90.0	66,500*	90.0	69,100	90.0	65,900	91.8	61,900					90.0	70,100*	90.0	69,000	90.0	65,900						
95.0	58,100*	95.0	64,600	95.0	61,600	95.0	59,500					95.0	64,300*	95.0	64,500	95.0	61,600	98.4	56,600				
98.4	52,200*	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				
		104.9	56,800	110.0	51,200	110.0	49,400	111.5	46,000			104.9	51,100*	110.0	53,600	110.0	51,200	110.0	49,200	118.1	42,700		
				118.1	46,700	120.0	44,300	120.0	41,900	124.6	38,500					120.0	45,800	120.0	44,100	120.0	41,900		
						130.0	40,100	130.0	37,900	140.0	33,200					124.6	43,600	130.0	39,900	130.0	37,900	131.2	35,900
						131.2	39,600	137.7	35,200	144.3	31,900							137.7	37,000	140.0	34,300	140.0	33,000
																				150.0	31,500	150.0	30,200
																				150.9	31,300	157.4	28,400
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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
45.9	111,100*											45.9	98,100*										
46.0	111,000*											46.0	98,000*										
48.0	110,700*											48.0	97,800*										
50.0	110,400*											50.0	97,500*										
55.0	108,200*											55.0	96,800*										
60.0	104,500*											60.0	96,100*										
65.0	100,100*	65.6	102,000									65.0	95,100*										
70.0	95,900*	70.0	94,400									70.0	92,200*	72.1	90,300								
75.0	89,800*	75.0	86,500									75.0	87,900*	75.0	86,300								
80.0	82,500*	80.0	79,600									80.0	82,600*	80.0	79,400								
85.0	76,000*	85.0	73,700									85.0	76,600*	85.0	73,500								
90.0	70,400*	90.0	68,600	90.0	65,500							90.0	71,000*	90.0	68,400	91.8	63,700						
95.0	65,200*	95.0	64,100	95.0	61,100							95.0	65,900*	95.0	63,900	95.0	61,100						
100.0	60,500*	100.0	60,100	100.0	57,300	104.9	51,800					100.0	61,300*	100.0	59,900	100.0	57,300						
110.0	50,400*	110.0	53,400	110.0	50,700	110.0	48,700					110.0	53,600*	110.0	53,100	110.0	50,700	111.5	47,600				
118.1	41,000*	120.0	47,800	120.0	45,600	120.0	43,700	124.6	39,400			120.0	44,700*	120.0	47,600	120.0	45,600	120.0	43,400	124.6	39,400		
		124.6	45,600	130.0	41,100	130.0	39,500	130.0	37,400	137.7	33,200	124.6	40,300*	130.0	43,000	130.0	41,100	130.0	39,200	130.0	37,300		
				137.7	38,100	140.0	35,900	140.0	34,000	140.0	32,600			137.7	39,600*	140.0	37,300	140.0	35,700	140.0	33,900	144.3	31,000
						144.3	34,600	150.0	31,100	150.0	29,700					144.3	35,900	150.0	32,600	150.0	31,100	150.0	29,500
								157.4	29,300	160.0	27,400							157.4	30,600	160.0	28,500	160.0	27,100
										164.0	26,400									164.0	27,500	170.0	25,000
																					177.1	23,500	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

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)
52.4	85,000*											52.4	74,900*										
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*	72.1	84,200*									70.0	69,200*										
75.0	78,800*	75.0	82,700									75.0	67,600*	78.7	71,400*								
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	91.8	63,700							90.0	62,700*	90.0	67,400								
95.0	66,500*	95.0	63,900	95.0	61,100							95.0	61,100*	95.0	63,700	98.4	58,200						
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	111.5	47,600					110.0	54,300*	110.0	53,000	110.0	50,500	118.1	44,000				
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	131.2	36,800			130.0	42,700*	130.0	42,800	130.0	40,800	130.0	39,000	137.7	34,300		
137.7	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		
		144.3	37,600	150.0	34,200	150.0	32,400	150.0	30,900	150.9	29,100	144.3	32,800*	150.0	35,700	150.0	34,000	150.0	32,400	150.0	30,800	157.4	27,300
				157.4	32,100	160.0	29,900	160.0	28,500	160.0	26,900			157.4	32,600*	160.0	31,300	160.0	29,800	160.0	28,200	160.0	26,800
						164.0	28,800	170.0	26,100	170.0	24,800					164.0	30,400	170.0	27,400	170.0	26,100	170.0	24,800
								177.1	24,900	180.0	23,100							177.1	26,000	180.0	24,200	180.0	22,800
										183.7	22,400									183.7	23,500	190.0	21,200
																						196.8	20,200
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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

120' Boom																									
150 ft Jib												160 ft Jib													
Boom Angle (deg.)												Boom Angle (deg.)													
88		83		78		73		68		63		88		83		78		73		68		63			
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
59.0	63,400*											59.0	54,000*												
60.0	63,200*											60.0	53,800*												
65.0	62,000*											65.0	52,800*												
70.0	61,200*											70.0	51,900*												
75.0	60,200*											75.0	51,100*												
80.0	59,300*											80.0	50,200*												
85.0	58,600*											85.0	49,400*											85.3	51,100*
90.0	57,500*											90.0	48,700*											90.0	50,300*
95.0	55,800*											95.0	47,600*											95.0	49,600*
100.0	53,800*											100.0	46,100*											100.0	48,900*
110.0	49,900*	110.0	42,600*	110.0	46,400*	110.0	48,900*																		
120.0	46,500*	120.0	39,600*	120.0	43,000*	120.0	44,900																		
130.0	42,600*	130.0	37,100*	130.0	40,000*	130.0	40,600	131.2	38,100																
140.0	38,000*	140.0	34,500*	140.0	37,400*	140.0	36,900	140.0	35,000																
150.0	32,100*	150.0	31,700*	150.0	35,000*	150.0	33,700	150.0	32,000	150.9	30,200														
157.4	27,300*	160.0	28,700*	160.0	32,600	160.0	31,000	160.0	29,300	160.0	27,800														
		164.0	27,100*	170.0	30,100	170.0	28,500	170.0	27,000	170.0	25,600	170.6	24,200												
				177.1	27,100	180.0	26,500	180.0	25,000	180.0	23,700	180.0	22,400												
					183.7	190.0	23,400	190.0	22,000	190.0	22,000	190.0	20,700												
						196.8	20,500	200.0	20,000	200.0	20,500	200.0	19,400												
							203.4	203.4	18,900	210.0	20,000	210.0	18,000												
												216.5	17,100												
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2		

120' Boom																										
170 ft Jib												180 ft Jib														
Boom Angle (deg.)												Boom Angle (deg.)														
88		83		78		73		68		63		88		83		78		73		68		63				
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)			
59.0	53,300*																									
60.0	53,200*																						65.6	47,300*		
65.0	52,700*																						70.0	46,900*		
70.0	52,200*																						75.0	46,400*		
75.0	51,500*																						80.0	45,700*		
80.0	50,400*																						85.0	44,600*		
85.0	48,600*																						90.0	42,700*	91.8	43,800*
90.0	46,700*																						95.0	41,000*	95.0	42,800*
95.0	45,000*																						100.0	39,300*	100.0	41,100*
100.0	43,300*																						110.0	36,300*	110.0	37,700*
110.0	39,900*	120.0	33,500*	120.0	34,900*	120.0	36,300*																			
120.0	36,600*	130.0	31,100*	130.0	32,200*	130.0	33,600*	137.7	32,800*																	
130.0	33,600*	140.0	28,800*	140.0	30,100*	140.0	31,200*	140.0	32,300*																	
140.0	30,600*	150.0	27,000*	150.0	27,900*	150.0	29,000*	150.0	29,900*																	
150.0	27,800*	160.0	25,100*	160.0	26,200*	160.0	27,100*	160.0	27,900*	164.0	26,200															
160.0	25,100*	170.0	23,200*	170.0	24,300*	170.0	25,400*	170.0	26,100*	170.0	24,800															
170.0	22,400*	180.0	22,100*	180.0	22,100*	180.0	23,200*	180.0	24,100*	180.0	23,000															
177.1	20,200*	183.7	19,800*	190.0	19,900*	190.0	21,000*	190.0	22,100*	190.0	21,200	183.7	20,900													
				196.8	18,700*	200.0	19,400*	200.0	19,800	200.0	19,700	200.0	18,500													
					203.4	18,700*	210.0	18,500	210.0	18,200	210.0	17,100														
						216.5	17,100*	220.0	16,100	220.0	17,000	220.0	16,000													
								223.0	15,800	230.0	16,500*	230.0	14,900													
												236.2	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			

120' Boom																							
170 ft Jib												180 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
59.0	53,300*																						
60.0	53,200*																						
65.0	52,700*											65.6	47,300*										
70.0	52,200*											70.0	46,900*										
75.0	51,500*											75.0	46,400*										
80.0	50,400*											80.0	45,700*										
85.0	48,600*	85.3	49,100*									85.0	44,600*										
90.0	46,700*	90.0	47,500*									90.0	42,700*	91.8	43,800*								
95.0	45,000*	95.0	45,900*									95.0	41,000*	95.0	42,800*								
100.0	43,300*	100.0	44,200*									100.0	39,300*	100.0	41,100*								
110.0	39,900*	110.0	40,800*	111.5	41,000*							110.0	36,300*	110.0	37,700*	118.1	36,800*						
120.0	36,600*	120.0	37,700*	120.0	38,400*							120.0	33,500*	120.0	34,900*	120.0	36,300*						
130.0	33,600*	130.0	34,700*	130.0	35,600*	131.2	35,900*					130.0	31,100*	130.0	32,200*	130.0	33,600*	137.7	32,800*				
140.0	30,600*	140.0	31,800*	140.0	32,900*	140.0	33,500*					140.0	28,800*	140.0	30,100*	140.0	31,200*	140.0	32,300*				
150.0	27,800*	150.0	29,100*	150.0	30,200*	150.0	31,000*	157.4	27,700			150.0	27,000*	150.0	27,900*	150.0	29,000*	150.0	29,900*				
160.0	25,100*	160.0	26,400*	160.0	27,600*	160.0	28,500*	160.0	27,100			160.0	25,100*	160.0	26,200*	160.0	27,100*	160.0	27,900*	164.0	26,200		
170.0	22,400*	170.0	23,900*	170.0	25,200*	170.0	26,100*	170.0	25,000	177.1	22,200	170.0	23,200*	170.0	24,300*	170.0	25,400*	170.0	26,100*	170.0	24,800		
177.1	20,200*	180.0	21,300*	180.0	22,700*	180.0	23,800*	180.0	23,100	180.0	21,700	180.0	20,700*	180.0	22,100*	180.0	23,200*	180.0	24,100*	180.0	23,000	183.7	20,900
		183.7	20,500*	190.0	20,300*	190.0	21,600*	190.0	21,400	190.0	20,100	183.7	19,800*	190.0	19,900*	190.0	21,000*	190.0	22,100*	190.0	21,200	190.0	19,800
				196.8	18,700*	200.0	19,400*	200.0	19,800	200.0	18,700			196.8	18,200*	200.0	18,900*	200.0	20,000*	200.0	19,700	200.0	18,500
						203.4	18,700*			210.0	18,500					203.4	18,200*			210.0	18,200	210.0	17,100
								216.5	17,100*	220.0	16,100							216.5	16,700*	220.0	17,000	220.0	16,000
										223.0	15,800									223.0	16,500*	230.0	14,900
																					236.2	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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
65.6	42,700*																						
70.0	42,300*											72.1	37,900*										
75.0	41,800*											75.0	37,700*										
80.0	41,100*											80.0	37,200*										
85.0	40,100*											85.0	36,200*										
90.0	38,500*	91.8	39,600*									90.0	34,700*										
95.0	36,900*	95.0	38,700*									95.0	33,300*	98.4	33,900*								
100.0	35,500*	100.0	37,200*									100.0	32,000*	100.0	33,500*								
110.0	32,800*	110.0	34,100*	118.1	33,500*							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*	124.6	28,800*						
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*	144.3	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*	150.9	24,600*				
160.0	23,100*	160.0	23,900*	160.0	24,700*	160.0	25,500*					160.0	21,000*	160.0	21,700*	160.0	22,500*	160.0	23,100*				
170.0	21,600*	170.0	22,300*	170.0	23,200*	170.0	23,900*	170.6	24,400			170.0	19,900*	170.0	20,300*	170.0	21,000*	170.0	21,600*	177.1	21,300*		
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	190.2	19,600	190.0	17,400*	190.0	18,100*	190.0	18,700*	190.0	19,200*	190.0	19,600*	196.8	18,200
190.2	18,500*	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
		203.4	16,900*	210.0	16,900*	210.0	17,800*	210.0	18,000	210.0	16,700	203.4	16,000*	210.0	16,000*	210.0	16,700*	210.0	17,100*	210.0	17,600*	210.0	16,500
				216.5	15,600*	220.0	16,000*	220.0	16,700	220.0	15,700					216.5	14,700*	220.0	15,100*	220.0	15,900*	220.0	15,400
						223.0	15,400*	230.0	15,100*	230.0	14,500							223.0	14,500*	230.0	14,400*	230.0	14,200
								236.2	14,100*	240.0	13,600									236.2	13,200*	240.0	13,200
										242.7	13,400											242.7	11,900
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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Full 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)																
32.8	142,100*											39.3	119,000*																										
34.0	140,600*																																						
36.0	138,000*																																						
38.0	135,300*																																						
40.0	132,700*																																						
42.0	130,000*																																						
44.0	127,300*																																						
46.0	124,600*																																						
48.0	122,000*																																						
50.0	119,400*																																						
55.0	112,800*	55.0	123,400	72.1	87,000	75.0	83,100			55.0	113,800*	59.0	116,800			70.0	94,900	72.1	86,600																				
60.0	106,300*	60.0	115,100																																				
65.0	99,500*	65.0	104,100																																				
70.0	93,000*	70.0	94,900																																				
75.0	82,100*	75.0	86,900																																				
78.7	71,400*	80.0	80,000																			80.0	76,600	85.3	67,600	104.9	49,600	118.1	41,000	80.0	79,900*	85.0	73,900	85.0	70,400	91.8	61,500		
		85.0	73,900																			85.0	70,800																
		90.0	68,800																			90.0	65,900																
		95.0	61,600																			95.0	59,300																
		100.0	55,500																			100.0	55,500																
		110.0	49,200	110.0	46,900																																		
																							111.5	48,200	120.0	41,900													
																							124.6	39,900	130.0	36,300													
																							131.2	35,900	140.0	32,800													
144.3	31,500	144.3	31,500																																				
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4																

[illegible]

CK2750G-2

Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
45.9	106,900*																						
46.0	106,900*																						
48.0	106,600*																						
50.0	106,300*																						
55.0	105,100*											52.4	89,200*										
60.0	103,100*											55.0	89,200*										
65.0	99,200*	65.6	101,600									60.0	89,200*										
70.0	95,500*	70.0	93,900									65.0	89,200*										
75.0	89,700*	75.0	86,000									70.0	87,800*	72.1	89,200								
80.0	82,600*	80.0	79,200									75.0	84,900*	75.0	85,400								
85.0	76,400*	85.0	73,300									80.0	80,800*	80.0	78,900								
90.0	70,600*	90.0	68,300									85.0	76,300*	85.0	73,100								
95.0	65,500*	95.0	63,900	85.3	69,200							90.0	71,300*	90.0	68,000	91.8	63,000						
100.0	60,800*	100.0	59,900	90.0	64,800							95.0	66,300*	95.0	63,500	95.0	60,500						
110.0	50,900*	100.0	56,700	95.0	60,500							100.0	61,700*	100.0	59,500	95.0	60,500						
118.1	41,400*	100.0	59,900	100.0	56,700	104.9	50,900					110.0	53,800*	110.0	52,700	110.0	50,300	111.5	46,900				
		110.0	53,000	110.0	50,300	110.0	48,000					120.0	45,100*	120.0	47,300	120.0	44,900	120.0	42,800				
		120.0	47,600	120.0	45,000	120.0	43,000	124.6	38,500			124.6	40,700*	130.0	42,800	130.0	40,600	130.0	38,600	131.2	36,100		
		124.6	45,400	130.0	40,600	130.0	38,800	130.0	36,600					130.0	42,800	130.0	40,600	140.0	35,000	140.0	33,200		
				137.7	37,600	140.0	35,400	140.0	33,200	144.3	30,400			137.7	39,600	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	150.9	28,400
						150.9	32,100	160.0	27,900	160.0	26,600					150.9	33,500	157.4	30,200	160.0	27,800	160.0	26,300
								164.0	27,100	170.0	24,500									170.0	25,600	170.0	24,100
										170.6	24,400									170.6	25,500	180.0	22,400
																						183.7	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

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)
52.4	82,400*											52.4	74,000*										
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*	72.1	81,700*									70.0	69,200*										
75.0	78,600*	75.0	81,200									75.0	67,700*	78.7	71,600*								
80.0	76,400*	80.0	78,900									80.0	66,100*	80.0	71,300*								
85.0	73,500*	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	98.4	57,700							95.0	61,200*	95.0	63,500	98.4	57,500						
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	118.1	43,400					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	124.6	40,300				
130.0	40,400*	130.0	42,800	130.0	40,600	130.0	38,400	137.7	33,700			130.0	43,100*	130.0	42,600	130.0	40,400	130.0	38,300				
137.7	33,900*	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	144.3	31,500		
		144.3	37,400	150.0	33,700	150.0	32,000	150.0	30,200	157.4	26,600	144.3	33,200*	150.0	35,500	150.0	33,700	150.0	31,800	150.0	30,000		
				157.4	31,700	160.0	29,300	160.0	27,800	160.0	26,100			157.4	33,500	160.0	30,900	160.0	29,300	160.0	27,600	164.0	25,100
						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
						170.6	27,100	177.1	24,200	180.0	22,200					170.6	28,400	177.1	25,500	180.0	23,500	180.0	22,200
										190.0	20,700									190.0	21,800	190.0	20,500
										190.2	20,700									190.2	21,800	200.0	19,100
																						203.4	18,700
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

130' Boom																								
150 ft Jib												160 ft Jib												
Boom Angle (deg.)												Boom Angle (deg.)												
88		83		78		73		68		63		88		83		78		73		68		63		
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	
59.0	63,400*											59.0	54,000*											
60.0	63,300*											60.0	53,800*											
65.0	62,200*											65.0	52,800*											
70.0	61,200*											70.0	51,900*											
75.0	60,200*	78.7	61,700*									75.0	51,100*											
80.0	59,300*	80.0	61,500*									80.0	50,200*											
85.0	58,600*	85.0	60,600*									85.0	49,400*	85.3	51,300*									
90.0	57,500*	90.0	59,800*									90.0	48,700*	90.0	50,500*									
95.0	55,800*	95.0	58,900*									95.0	47,600*	95.0	49,700*									
100.0	53,800*	100.0	57,700	104.9	52,600							100.0	46,100*	100.0	48,900*									
110.0	50,100*	110.0	52,300	110.0	49,600							110.0	42,600*	110.0	46,700*	111.5	48,900							
120.0	46,500*	120.0	46,900	120.0	44,500	124.6	40,100					120.0	39,600*	120.0	43,200*	120.0	44,500							
130.0	42,800*	130.0	42,400	130.0	40,100	130.0	37,900					130.0	37,100*	130.0	40,200*	130.0	40,100	131.2	37,400					
140.0	38,200*	140.0	38,500	140.0	36,500	140.0	34,500					140.0	34,500*	140.0	37,600*	140.0	36,500	140.0	34,500					
150.0	32,500*	150.0	35,300	150.0	33,300	150.0	31,500	150.9	29,300			150.0	31,700*	150.0	35,200	150.0	33,300	150.0	31,500	157.4	27,700			
157.4	27,500*	160.0	32,300	160.0	30,600	160.0	28,900	160.0	27,100			160.0	28,900*	160.0	32,300	160.0	30,700	160.0	28,900	160.0	27,100			
		164.0	31,300	170.0	28,300	170.0	26,500	170.0	25,000	170.6	23,300	164.0	27,300*	170.0	29,900	170.0	28,300	170.0	26,500	170.0	25,000	177.1	22,200	
				177.1	26,600	180.0	24,600	180.0	23,100	180.0	21,700			177.1	27,900*	180.0	26,100	180.0	24,600	180.0	23,100	180.0	21,700	
						190.0	22,900	190.0	21,400	190.0	20,100					190.0	24,300	190.0	22,900	190.0	21,400	190.0	20,100	
						190.2	22,900	196.8	20,500	200.0	18,700					190.2	24,200	196.8	21,800	200.0	19,900	200.0	18,700	
										209.9	17,400								209.9	18,500	210.0	17,400	216.5	16,500
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	

130' Boom																							
170 ft Jib												180 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
65.6	51,500*											65.6	46,500*										
70.0	51,200*											70.0	46,000*										
75.0	50,800*											75.0	45,500*										
80.0	50,000*											80.0	45,000*										
85.0	48,300*	85.3	48,700*									85.0	44,500*										
90.0	46,500*	90.0	47,100*									90.0	42,700*	91.8	43,600*								
95.0	44,800*	95.0	45,400*									95.0	40,900*	95.0	42,700*								
100.0	43,100*	100.0	43,700*									100.0	39,200*	100.0	41,100*								
110.0	39,700*	110.0	40,500*	111.5	40,700*							110.0	36,100*	110.0	37,700*	118.1	36,800*						
120.0	36,400*	120.0	37,500*	120.0	38,200*							120.0	33,500*	120.0	34,900*	120.0	36,300*						
130.0	33,400*	130.0	34,500*	130.0	35,300*	137.7	33,700*					130.0	31,100*	130.0	32,200*	130.0	33,600*						
140.0	30,400*	140.0	31,500*	140.0	32,400*	140.0	33,200*					140.0	28,800*	140.0	29,900*	140.0	31,200*	144.3	31,300*				
150.0	27,800*	150.0	28,900*	150.0	29,900*	150.0	30,600*	157.4	27,100			150.0	27,000*	150.0	27,900*	150.0	29,000*	150.0	29,900*				
160.0	25,100*	160.0	26,400*	160.0	27,400*	160.0	28,200	160.0	26,500			160.0	25,100*	160.0	26,100*	160.0	27,000*	160.0	27,900	164.0	25,300		
170.0	22,400*	170.0	23,900*	170.0	25,000*	170.0	25,900	170.0	24,300			170.0	23,200*	170.0	24,300*	170.0	25,200*	170.0	25,900	170.0	24,100		
177.1	20,200*	180.0	21,300*	180.0	22,700*	180.0	23,800*	180.0	22,400	183.7	20,500	180.0	20,700*	180.0	22,000*	180.0	23,000*	180.0	23,800	180.0	22,300		
		183.7	20,500*	190.0	20,300*	190.0	21,600*	190.0	20,700	190.0	19,400	183.7	19,800*	190.0	19,800*	190.0	21,000*	190.0	21,800	190.0	20,700	190.2	19,100
				196.8	18,700*	200.0	19,400*	200.0	19,400	200.0	18,000			196.8	18,200*	200.0	18,900*	200.0	19,800*	200.0	19,100	200.0	17,800
						209.9	17,100*	210.0	18,000	210.0	16,700					209.9	16,700*	210.0	18,000*	210.0	17,800	210.0	16,500
								216.5	17,100	220.0	15,500							216.5	16,700*	220.0	16,600	220.0	15,400
										229.6	14,500									229.6	15,200*	230.0	14,200
																					236.2	13,600	
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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
65.6	41,800*																						
70.0	41,400*											72.1	37,200*										
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*	98.4	37,400*									95.0	33,300*	98.4	33,900*								
100.0	35,400*	100.0	37,000*									100.0	32,000*	100.0	33,500*								
110.0	32,700*	110.0	34,100*									110.0	29,600*	110.0	30,800*								
120.0	30,400*	120.0	31,500*	124.6	31,700*							120.0	27,400*	120.0	28,600*	124.6	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*	144.3	28,400*					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*	150.9	24,600*				
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*	170.6	23,800			170.0	19,700*	170.0	20,300*	170.0	21,000*	170.0	21,600*	177.1	21,100*		
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	196.8	17,800	190.0	17,400*	190.0	18,100*	190.0	18,500*	190.0	19,200*	190.0	19,600*		
196.8	16,900*	200.0	17,600*	200.0	18,700*	200.0	19,400*	200.0	18,700	200.0	17,400	200.0	15,800*	200.0	17,000*	200.0	17,500*	200.0	17,900*	200.0	18,400	203.4	16,700
		203.4	16,900*	210.0	16,900*	210.0	17,600*	210.0	17,400	210.0	16,000	203.4	14,700*	210.0	15,800*	210.0	16,500*	210.0	16,900*	210.0	17,100	210.0	15,800
				216.5	15,600*	220.0	15,900*	220.0	16,200	220.0	14,900			216.5	14,700*	220.0	15,000*	220.0	15,800*	220.0	15,900	220.0	14,600
						229.6	14,100*	230.0	15,100	230.0	13,800					223.0	14,500*	230.0	14,200*	230.0	14,900	230.0	13,600
								236.2	14,100*	240.0	12,800							236.2	13,200*	240.0	13,300*	240.0	12,600
										249.3	12,100									249.3	11,900*	250.0	11,600
																					255.9	11,200	
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
39.3	119,000*											39.3	119,000*										
40.0	119,000*											40.0	119,000*										
42.0	119,000*											42.0	119,000*										
44.0	119,000*											44.0	119,000*										
46.0	119,000*											46.0	119,000*										
48.0	118,500*											48.0	118,800*										
50.0	118,000*	52.4	119,000									50.0	118,600*										
55.0	114,100*	55.0	118,200									55.0	115,300*	59.0	116,400								
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	89,600*	75.0	86,500	78.7	76,700						
78.7	72,500*	80.0	79,600									80.0	80,600*	80.0	79,600	80.0	75,300						
		85.0	73,700									85.0	69,800*	85.0	73,700	85.0	69,700						
		90.0	68,600			91.8	60,600					85.3	69,200*	90.0	68,600	90.0	65,000	91.8	60,600				
		91.8	66,700			95.0	58,300							95.0	64,100	95.0	60,700	95.0	58,200				
				100.0	57,100	100.0	54,700	104.9	48,500					98.4	61,200	100.0	56,800	100.0	54,400				
				104.9	53,700	110.0	48,500	110.0	45,800							110.0	50,300	110.0	48,200	111.5	44,500		
						111.5	47,600	120.0	41,000	124.6	37,200					111.5	49,300	120.0	43,200	120.0	40,400		
								124.6	39,000	130.0	35,200							124.6	41,200	130.0	36,600	131.2	34,600
										137.7	32,600									137.7	33,900	140.0	31,800
																						144.3	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

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*											45.9	115,900*										
46.0	118,900*											46.0	115,900*										
48.0	117,100*											48.0	114,700*										
50.0	115,200*											50.0	113,500*										
55.0	110,500*	59.0	115,200									55.0	109,800*										
60.0	105,700*	60.0	113,300									60.0	105,400*										
65.0	100,900*	65.0	103,300									65.0	100,800*	65.6	101,400								
70.0	96,100*	70.0	94,200									70.0	96,300*	70.0	93,900								
75.0	89,700*	75.0	86,300	78.7	76,200							75.0	90,000*	75.0	86,000								
80.0	82,200*	80.0	79,400	80.0	74,800							80.0	82,800*	80.0	79,200								
85.0	75,300*	85.0	73,500	85.0	69,300							85.0	76,600*	85.0	73,300	85.3	69,000						
90.0	67,800*	90.0	68,400	90.0	64,500							90.0	70,700*	90.0	68,200	90.0	64,500						
95.0	59,600*	95.0	63,900	95.0	60,300	98.4	55,100					95.0	65,000*	95.0	63,700	95.0	60,300						
98.4	53,700*	100.0	59,900	100.0	56,400	100.0	54,000					100.0	59,100*	100.0	59,700	100.0	56,400	104.9	50,400				
		110.0	53,200	110.0	50,000	110.0	47,800	118.1	40,700			104.9	52,200*	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	38,100		
				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					131.2	40,100	140.0	35,000	140.0	32,800	144.3	29,900
								144.3	31,500	150.0	28,600							144.3	33,700	150.0	30,000	150.0	28,400
										157.4	26,800									157.4	28,200	160.0	26,100
																						164.0	25,300
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

140' Boom																							
110 ft Jib												120 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
45.9	89,200*																						
46.0	89,200*																						
48.0	89,200*																						
50.0	89,200*											52.4	89,200*										
55.0	89,200*											55.0	89,200*										
60.0	89,200*											60.0	88,800*										
65.0	89,200*	65.6	89,200									65.0	86,400*	65.6	89,200								
70.0	89,200*	70.0	89,200									70.0	84,200*	70.0	83,100								
75.0	87,100*	75.0	85,300									75.0	81,600*	75.0	76,700								
80.0	82,600*	80.0	78,700									80.0	78,300*	80.0	71,000								
85.0	76,400*	85.0	72,800									85.0	74,300*	85.0	66,200								
90.0	70,800*	90.0	67,900	91.8	62,300							90.0	70,700*	90.0	61,900	91.8	62,300						
95.0	65,700*	95.0	63,500	95.0	59,800							95.0	66,400*	95.0	58,100	95.0	59,800						
100.0	61,000*	100.0	59,500	100.0	56,000							100.0	61,900*	100.0	54,700	100.0	56,000						
110.0	51,300*	110.0	52,700	110.0	49,600	111.5	46,200					110.0	54,000*	110.0	48,800	110.0	49,600	118.1	42,700				
118.1	42,100*	120.0	47,300	120.0	44,500	120.0	42,300					120.0	45,600*	120.0	43,900	120.0	44,500	120.0	41,900				
		130.0	42,800	130.0	40,100	130.0	38,100	131.2	35,200			124.6	41,200*	130.0	39,900	130.0	40,100	130.0	37,900	137.7	33,000		
		131.2	42,300	140.0	36,500	140.0	34,700	140.0	32,400					131.2	39,400	140.0	36,500	140.0	34,300	140.0	32,400		
				144.3	35,000	150.0	31,700	150.0	29,500	150.9	27,700					150.0	33,300	150.0	31,300	150.0	29,500	157.4	25,700
						150.9	31,500	160.0	27,100	160.0	25,700					150.9	33,000	160.0	28,900	160.0	27,000	160.0	25,200
								164.0	26,200	170.0	23,700							164.0	27,900	170.0	25,000	170.0	23,200
										177.1	22,400									177.1	23,500	180.0	21,500
																					183.7	20,900	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

140' Boom																							
130 ft Jib												140 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
52.4	79,800*											52.4	71,800*										
55.0	79,500*											55.0	71,600*										
60.0	79,000*											60.0	71,100*										
65.0	78,300*											65.0	70,600*										
70.0	77,600*	72.1	79,300*									70.0	69,200*										
75.0	76,200*	75.0	78,900									75.0	67,700*	78.7	70,700*								
80.0	74,200*	80.0	77,200									80.0	66,100*	80.0	70,600*								
85.0	72,200*	85.0	72,500									85.0	64,400*	85.0	70,100*								
90.0	70,100*	90.0	67,700									90.0	62,700*	90.0	66,900								
95.0	66,700*	95.0	63,200	98.4	57,000							95.0	61,200*	95.0	63,000								
100.0	62,400*	100.0	59,200	100.0	56,000							100.0	59,600*	100.0	59,000	104.9	52,400						
110.0	54,700*	110.0	52,500	110.0	49,600	118.1	42,700					110.0	54,700*	110.0	52,300	110.0	49,400						
120.0	48,200*	120.0	47,100	120.0	44,500	120.0	41,900					120.0	48,500*	120.0	46,900	120.0	44,300	124.6	39,600				
130.0	40,900*	130.0	42,600	130.0	40,100	130.0	37,700	137.7	32,800			130.0	43,100*	130.0	42,400	130.0	39,900	130.0	37,700				
137.7	34,300*	140.0	38,700	140.0	36,500	140.0	34,300	140.0	32,100			140.0	36,500*	140.0	38,600	140.0	36,300	140.0	34,100	144.3	30,800		
		150.0	35,300	150.0	33,300	150.0	31,300	150.0	29,300			144.3	33,500*	150.0	35,300	150.0	33,300	150.0	31,100	150.0	29,300		
		150.9	35,000	157.4	31,300	160.0	28,700	160.0	26,900	164.0	24,400			157.4	33,200	160.0	30,600	160.0	28,700	160.0	26,800		
						170.0	26,500	170.0	24,800	170.0	23,200					170.0	28,100	170.0	26,300	170.0	24,800	170.6	22,900
						170.6	26,400	180.0	23,100	180.0	21,500					170.6	27,900	180.0	24,500	180.0	22,800	180.0	21,300
								183.7	22,400	190.0	19,800							183.7	23,800	190.0	21,200	190.0	19,600
										196.8	18,900									196.8	20,200	200.0	18,300
																					203.4	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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

140' Boom																							
150 ft Jib												160 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
59.0	63,400*											59.0	54,000*										
60.0	63,300*											60.0	53,800*										
65.0	62,200*											65.0	52,800*										
70.0	61,200*											70.0	51,900*										
75.0	60,200*											75.0	51,100*										
80.0	59,300*											80.0	50,200*										
85.0	58,600*	85.3	60,600*									85.0	49,400*	85.3	51,500*								
90.0	57,500*	90.0	59,800*									90.0	48,700*	90.0	50,700*								
95.0	55,800*	95.0	59,100*									95.0	47,600*	95.0	49,900*								
100.0	53,800*	100.0	57,700	104.9	52,000							100.0	46,200*	100.0	49,100*								
110.0	50,100*	110.0	52,000	110.0	49,100							110.0	42,800*	110.0	47,100*	111.5	48,200						
120.0	46,500*	120.0	46,600	120.0	43,900							120.0	39,800*	120.0	43,600*	120.0	44,000						
130.0	42,800*	130.0	42,100	130.0	39,700	131.2	36,800					130.0	37,100*	130.0	40,400*	130.0	39,700	137.7	34,600				
140.0	38,300*	140.0	38,200	140.0	36,000	140.0	33,700					140.0	34,500*	140.0	37,800	140.0	36,000	140.0	33,800				
150.0	32,700*	150.0	35,100	150.0	32,900	150.0	30,800	150.9	28,600			150.0	31,700*	150.0	35,100	150.0	32,900	150.0	30,800	157.4	26,800		
157.4	27,900*	160.0	32,100	160.0	30,200	160.0	28,200	160.0	26,300			160.0	29,200*	160.0	32,200	160.0	30,200	160.0	28,200	160.0	26,300		
		170.0	29,200	170.0	27,900	170.0	26,100	170.0	24,300	177.1	21,300	164.0	27,700*	170.0	29,700	170.0	27,900	170.0	26,100	170.0	24,300		
		170.6	29,100*	177.1	26,400	180.0	24,100	180.0	22,400	180.0	20,900			177.1	28,200	180.0	25,800	180.0	24,100	180.0	22,400	183.7	20,200
						190.0	22,300	190.0	20,700	190.0	19,200					190.0	24,000	190.0	22,300	190.0	20,700	190.0	19,200
						190.2	22,200	200.0	19,400	200.0	17,800					190.2	24,000	200.0	20,700	200.0	19,400	200.0	17,800
								203.4	18,900	210.0	16,700							203.4	20,000	209.9	18,000	210.0	16,700
										216.5	16,000											220.0	15,500
																					223.0	15,200	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

140' Boom																							
170 ft Jib												180 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
65.6	50,400*											65.6	45,400*										
70.0	50,000*											70.0	44,900*										
75.0	49,500*											75.0	44,400*										
80.0	48,900*											80.0	43,900*										
85.0	47,900*											85.0	43,400*										
90.0	46,200*	91.8	46,000*									90.0	42,300*	91.8	43,400*								
95.0	44,500*	95.0	45,000*									95.0	40,800*	95.0	42,500*								
100.0	42,900*	100.0	43,300*									100.0	39,100*	100.0	41,000*								
110.0	39,500*	110.0	40,200*	118.1	38,300*							110.0	36,100*	110.0	37,700*	118.1	36,800*						
120.0	36,200*	120.0	37,100*	120.0	37,700*							120.0	33,400*	120.0	34,700*	120.0	36,200*						
130.0	33,200*	130.0	34,200*	130.0	34,900*	137.7	33,200*					130.0	30,900*	130.0	32,200*	130.0	33,400*						
140.0	30,400*	140.0	31,300*	140.0	32,200*	140.0	32,700					140.0	28,800*	140.0	29,900*	140.0	31,000*	144.3	30,800*				
150.0	27,500*	150.0	28,600*	150.0	29,700*	150.0	30,200					150.0	26,800*	150.0	27,900*	150.0	28,800*	150.0	29,700*				
160.0	24,800*	160.0	26,200*	160.0	27,100*	160.0	27,600	164.0	24,900			160.0	25,100*	160.0	26,000*	160.0	26,900*	160.0	27,400				
170.0	22,200*	170.0	23,700*	170.0	24,800*	170.0	25,400	170.0	23,700			170.0	23,000*	170.0	24,100*	170.0	24,800*	170.0	25,200	170.6	23,300		
177.1	20,200*	180.0	21,300*	180.0	22,500*	180.0	23,400	180.0	21,700			180.0	20,700*	180.0	21,900*	180.0	22,700*	180.0	23,300	180.0	21,500		
		190.0	18,800*	190.0	20,300*	190.0	21,400*	190.0	20,100	190.2	18,500	183.7	19,800*	190.0	19,600*	190.0	20,700*	190.0	21,600	190.0	20,100	196.8	17,400
		190.2	18,700*	196.8	18,700*	200.0	19,200*	200.0	18,700	200.0	17,200			196.8	18,200*	200.0	18,700*	200.0	19,600*	200.0	18,500	200.0	16,900
						209.9	17,100*	210.0	17,400	210.0	16,000					209.9	16,700*	210.0	17,800*	210.0	17,100	210.0	15,800
								220.0	16,000	220.0	14,800							220.0	15,900*	220.0	16,000	220.0	14,600
								223.0	15,600	230.0	13,600							223.0	15,400*	229.6	14,900	230.0	13,600
										236.2	13,200											240.0	12,600
																					242.7	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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
65.6	41,200*																						
70.0	40,700*											72.1	36,500*										
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*	98.4	37,400*									95.0	33,100*	98.4	33,700*								
100.0	35,200*	100.0	37,000*									100.0	31,800*	100.0	33,300*								
110.0	32,600*	110.0	34,100*									110.0	29,400*	110.0	30,700*								
120.0	30,200*	120.0	31,500*	124.6	31,700*							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*	131.2	27,300*						
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*	150.9	26,800*					150.0	22,300*	150.0	23,000*	150.0	23,900*	157.4	23,300*				
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*	177.1	21,800			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*	183.7	20,200		
190.0	18,500*	190.0	19,600*	190.0	20,300*	190.0	20,700*	190.0	19,600	196.8	16,900	190.0	17,400*	190.0	18,100*	190.0	18,500*	190.0	18,900*	190.0	19,200		
196.8	16,900*	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	203.4	15,800
		203.4	16,900*	210.0	16,700*	210.0	17,400*	210.0	16,900	210.0	15,200	203.4	13,400*	210.0	15,800*	210.0	16,500*	210.0	16,900*	210.0	16,500	210.0	14,900
				216.5	15,400*	220.0	15,700*	220.0	15,700	220.0	14,200			216.5	14,500*	220.0	14,800*	220.0	15,500*	220.0	15,400	220.0	13,700
						229.6	14,100*	230.0	14,700	230.0	12,900					229.6	13,200*	230.0	14,000*	230.0	14,200	230.0	12,700
								240.0	13,200*	240.0	12,100							240.0	12,300*	240.0	13,100	240.0	11,700
								242.7	12,700*	250.0	11,100							242.7	11,900*	249.3	11,600*	250.0	10,900
								255.9	10,800												260.0	10,000	
																					262.4	9,900	
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

150' Boom																							
70 ft Jib												80 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
39.3	119,000*											39.3	119,000*										
40.0	119,000*											40.0	119,000*										
42.0	119,000*											42.0	119,000*										
44.0	119,000*											44.0	119,000*										
46.0	119,000*											46.0	118,900*										
48.0	118,300*											48.0	116,900*										
50.0	117,600*	52.4	119,000									50.0	114,900*										
55.0	113,700*	55.0	118,000									55.0	110,000*	59.0	115,900								
60.0	107,400*	60.0	114,300									60.0	105,400*	60.0	113,900								
65.0	100,800*	65.0	103,200									65.0	100,800*	65.0	103,100								
70.0	94,900*	70.0	94,000	72.1	85,300							70.0	96,100*	70.0	94,000								
75.0	84,300*	75.0	86,000	75.0	81,500							75.0	89,600*	75.0	86,000	78.7	76,000						
78.7	73,600*	80.0	79,200	80.0	75,000							80.0	81,100*	80.0	79,200	80.0	74,600						
		85.0	73,300	85.0	69,300							85.0	70,700*	85.0	73,300	85.0	68,900						
		90.0	68,200	90.0	64,500	91.8	59,700					85.3	70,100*	90.0	68,300	90.0	64,300						
		91.8	66,300	95.0	60,400	95.0	57,400							95.0	63,900	95.0	60,000	98.4	54,600				
				100.0	56,600	100.0	53,800							98.4	61,000	100.0	56,200	100.0	53,600				
				104.9	53,100	110.0	47,800	111.5	44,000							110.0	49,800	110.0	47,600	118.1	40,500		
						118.1	43,600	120.0	40,100	124.6	36,100					111.5	48,900	120.0	42,600	120.0	39,700		
								130.0	36,100	130.0	34,300							124.6	40,500	130.0	35,700	131.2	33,700
								131.2	35,700	140.0	31,100									137.7	33,200	140.0	31,000
										144.3	29,900											150.0	28,200
																						150.9	27,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

150' Boom																							
90 ft Jib												100 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
39.3	108,000*																						
40.0	107,700*																						
42.0	106,600*																						
44.0	105,600*											45.9	89,200*										
46.0	104,600*											46.0	89,200*										
48.0	103,600*											48.0	89,200*										
50.0	102,600*											50.0	89,200*										
55.0	100,200*											55.0	89,200*										
60.0	97,800*											60.0	89,200*										
65.0	95,300*	65.6	100,700									65.0	89,200*	65.6	89,200								
70.0	92,800*	70.0	93,300									70.0	89,200*	70.0	89,200								
75.0	88,400*	75.0	85,700									75.0	87,100*	75.0	85,300								
80.0	82,500*	80.0	78,900									80.0	82,600*	80.0	78,700								
85.0	75,800*	85.0	73,100	85.3	68,300							85.0	76,600*	85.0	72,800	85.3	68,300						
90.0	68,400*	90.0	68,100	90.0	63,900							90.0	70,900*	90.0	67,900	90.0	63,900						
95.0	60,300*	95.0	63,700	95.0	59,600							95.0	65,500*	95.0	63,500	95.0	59,600						
98.4	54,400*	100.0	59,600	100.0	55,800	104.9	50,000					100.0	59,700*	100.0	59,500	100.0	55,800	104.9	49,800				
		110.0	52,900	110.0	49,400	110.0	47,100					104.9	52,900*	110.0	52,700	110.0	49,600	110.0	46,900				
		111.5	52,000	120.0	44,300	120.0	42,300	124.6	37,200					118.1	48,200	120.0	44,300	120.0	41,900	124.6	37,200		
				124.6	42,300	130.0	38,100	130.0	35,200	137.7	31,000					130.0	40,100	130.0	37,900	130.0	35,200		
						137.7	35,400	140.0	32,100	140.0	30,400					131.2	39,600	140.0	34,500	140.0	32,000	144.3	29,100
								150.0	29,300	150.0	27,900							144.3	33,000	150.0	29,300	150.0	27,500
								150.9	29,100	160.0	25,600									157.4	27,500	160.0	25,200
										164.0	24,600											170.0	23,200
																						170.6	23,100
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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
45.9	89,200*																						
46.0	89,200*																						
48.0	89,200*																						
50.0	89,200*											52.4	86,800*										
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*	72.1	88,800									70.0	81,100*	72.1	87,300								
75.0	82,800*	75.0	85,100									75.0	78,400*	75.0	84,000								
80.0	79,400*	80.0	78,700									80.0	75,600*	80.0	78,300								
85.0	76,000*	85.0	72,800									85.0	72,900*	85.0	72,600								
90.0	70,900*	90.0	67,900	91.8	61,700							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	98.4	56,400						
100.0	61,200*	100.0	59,400	100.0	55,300							100.0	62,100*	100.0	59,200	100.0	55,300						
110.0	51,700*	110.0	52,700	110.0	49,100	111.5	45,800					110.0	54,200*	110.0	52,500	110.0	49,100	118.1	42,300				
118.1	42,500*	120.0	47,300	120.0	43,900	120.0	41,900					120.0	46,000*	120.0	47,100	120.0	43,900	120.0	41,500				
		130.0	42,600	130.0	39,700	130.0	37,700	131.2	34,300			124.6	41,600*	130.0	42,600	130.0	39,700	130.0	37,400	137.7	32,100		
		131.2	42,100	140.0	36,000	140.0	34,300	140.0	31,500					137.7	39,400	140.0	36,000	140.0	34,100	140.0	31,500		
				144.3	34,600			150.0	31,300	150.9	27,100					150.0	33,000	150.0	31,100	150.0	28,800	157.4	25,300
						157.4	29,500	160.0	26,500	160.0	25,200					150.9	32,800	160.0	28,700	160.0	26,300	160.0	24,800
								170.0	24,300	170.0	23,200							164.0	27,700	170.0	24,300	170.0	22,800
								170.6	24,200	180.0	21,400									177.1	22,900	180.0	21,100
										183.7	20,900											190.0	19,600
																						190.2	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)
52.4	77,600*											52.4	69,600*										
55.0	77,300*											55.0	69,400*										
60.0	76,800*											60.0	68,900*										
65.0	76,300*											65.0	68,400*										
70.0	75,100*											70.0	67,900*										
75.0	73,300*	78.7	77,100									75.0	67,200*	78.7	68,700*								
80.0	71,300*	80.0	76,100									80.0	66,100*	80.0	68,600*								
85.0	69,100*	85.0	72,100									85.0	64,400*	85.0	68,100*								
90.0	67,100*	90.0	67,100									90.0	62,900*	90.0	66,000								
95.0	64,900*	95.0	62,700	98.4	56,400							95.0	61,300*	95.0	62,700								
100.0	62,300*	100.0	58,800	100.0	55,300							100.0	59,600*	100.0	58,800	104.9	51,800						
110.0	54,900*	110.0	52,300	110.0	49,100							110.0	54,900*	110.0	52,000	110.0	48,900						
120.0	48,400*	120.0	46,700	120.0	43,900	124.6	39,200					120.0	48,700*	120.0	46,700	120.0	43,800						
130.0	41,300*	130.0	42,200	130.0	39,700	130.0	37,000					130.0	43,300*	130.0	42,200	130.0	39,500	131.2	36,500				
137.7	34,600*	140.0	38,500	140.0	36,000	140.0	33,700	144.3	30,200			140.0	37,000*	140.0	38,200	140.0	35,900	140.0	33,500				
		150.0	35,100	150.0	32,900	150.0	30,800	150.0	28,600			144.3	33,900*	150.0	35,000	150.0	32,900	150.0	30,600	150.9	28,200		
		150.9	34,800	160.0	30,200	160.0	28,200	160.0	26,300	164.0	23,500			157.4	32,800	160.0	30,200	160.0	28,000	160.0	26,100		
				164.0	29,300	170.0	26,100	170.0	24,100	170.0	22,300					170.0	27,900	170.0	25,900	170.0	24,100	170.6	22,200
						177.1	24,600	180.0	22,400	180.0	20,600					170.6	27,700	180.0	23,900	180.0	22,200	180.0	20,500
								190.0	20,700	190.0	19,200							183.7	23,300	190.0	20,700	190.0	19,000
								190.2	20,700	196.8	18,200									196.8	19,600	200.0	17,600
																						209.9	16,500
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

150' Boom																											
150 ft Jib												160 ft Jib															
Boom Angle (deg.)												Boom Angle (deg.)															
88		83		78		73		68		63		88		83		78		73		68		63					
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)				
59.0	61,900*											59.0	54,200*														
60.0	61,800*											60.0	54,000*														
65.0	61,300*											65.0	53,000*														
70.0	60,800*											70.0	52,000*														
75.0	60,200*											75.0	51,100*														
80.0	59,500*											80.0	50,200*														
85.0	58,600*	85.3	60,800*									85.0	49,400*	85.3	51,800*												
90.0	57,600*	90.0	60,000*									90.0	48,700*	90.0	50,800*												
95.0	55,900*	95.0	59,200*									95.0	47,700*	95.0	50,000*												
100.0	53,800*	100.0	57,700									100.0	46,300*	100.0	49,300*												
110.0	50,100*	110.0	51,600									110.0	42,800*	110.0	47,400*	111.5	47,800										
120.0	46,500*	120.0	46,200	120.0	43,400							120.0	39,800*	120.0	44,100*	120.0	43,400										
130.0	43,000*	130.0	41,700	130.0	39,000	131.2	36,100					130.0	37,100*	130.0	40,900*	130.0	39,200	137.7	33,900								
140.0	38,500*	140.0	38,000	140.0	35,600	140.0	33,200					140.0	34,500*	140.0	38,000	140.0	35,600	140.0	33,200								
150.0	32,900*	150.0	34,700	150.0	32,400	150.0	30,200	157.4	26,200			150.0	31,700*	150.0	34,800	150.0	32,400	150.0	30,200								
157.4	28,200*	160.0	31,900	160.0	29,800	160.0	27,800	160.0	25,700			160.0	29,300*	160.0	32,000	160.0	29,800	160.0	27,800	164.0	24,900						
		170.0	29,400	170.0	27,400	170.0	25,400	170.0	23,700	177.1	20,500	164.0	27,900*	170.0	29,400	170.0	27,400	170.0	25,600	170.0	23,700						
		170.6	29,300	180.0	25,500	180.0	23,600	180.0	21,700	180.0	20,100			177.1	27,900	180.0	25,500	180.0	23,600	180.0	21,700	183.7	19,600				
				183.7	24,900	190.0	21,800	190.0	20,300	190.0	18,500					190.0	23,600	190.0	21,800	190.0	20,300	190.0	18,500				
						196.8	20,900	200.0	18,700	200.0	17,300					190.2	23,500	200.0	20,400	200.0	18,700	200.0	17,200				
								209.9	17,600	210.0	16,000							203.4	19,800	210.0	17,600	210.0	16,000				
										216.5	15,400									216.5	16,700	220.0	14,800				
																					229.6	13,800					
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2				

150' Boom																											
170 ft Jib												180 ft Jib															
Boom Angle (deg.)												Boom Angle (deg.)															
88		83		78		73		68		63		88		83		78		73		68		63					
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)				
65.6	49,300*											65.6	44,500*														
70.0	48,900*											70.0	44,000*														
75.0	48,400*											75.0	43,500*														
80.0	47,900*											80.0	43,000*														
85.0	47,400*											85.0	42,500*														
90.0	45,900*	91.8	45,800*									90.0	42,000*	91.8	43,200*												
95.0	44,300*	95.0	44,800*									95.0	40,800*	95.0	42,300*												
100.0	42,600*	100.0	43,100*									100.0	39,100*	100.0	40,900*												
110.0	39,300*	110.0	39,900*	118.1	38,100*							110.0	35,900*	110.0	37,700*												
120.0	36,200*	120.0	36,900*	120.0	37,500*							120.0	33,200*	120.0	34,700*	124.6	34,800*										
130.0	33,200*	130.0	34,000*	130.0	34,700*							130.0	30,900*	130.0	32,200*	130.0	33,400*										
140.0	30,200*	140.0	31,300*	140.0	32,000*	144.3	31,300					140.0	28,800*	140.0	29,900*	140.0	31,000*										
150.0	27,500*	150.0	28,600*	150.0	29,500*	150.0	29,500					150.0	26,800*	150.0	27,900*	150.0	28,800*	150.9	29,100*								
160.0	24,800*	160.0	26,000*	160.0	27,100*	160.0	27,100					160.0	25,100*	160.0	26,000*	160.0	26,800*	160.0	26,900								
170.0	22,200*	170.0	23,700*	170.0	24,800*	170.0	25,000	170.6	22,900			170.0	23,000*	170.0	23,900*	170.0	24,800*	170.0	24,800	170.6	22,700						
177.1	20,200*	180.0	21,300*	180.0	22,400*	180.0	23,100	180.0	21,100			180.0	20,700*	180.0	21,900*	180.0	22,700*	180.0	22,800	180.0	21,100						
		190.0	18,800*	190.0	20,300*	190.0	21,200	190.0	19,600	190.2	17,800	183.7	19,800*	190.0	19,600*	190.0	20,700*	190.0	21,200	190.0	19,400	196.8	16,700				
		190.2	18,700*	200.0	18,100*	200.0	19,200*	200.0	18,000	200.0	16,500			196.8	18,200*	200.0	18,700*	200.0	19,500*	200.0	18,000	200.0	16,300				
				203.4	17,400*	210.0	17,100*	210.0	16,900	210.0	15,200					209.9	16,700*	210.0	17,600*	210.0	16,700	210.0	14,900				
						216.5	15,800*	220.0	15,700	220.0	14,000							220.0	15,900*	220.0	15,500	220.0	13,800				
								229.6	14,500	230.0	12,900							223.0	15,400*	230.0	14,500	230.0	12,700				
										236.2	12,300									236.2	13,800	240.0	11,800				
																					249.3	11,000					
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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
65.6	40,300*																						
70.0	39,900*											72.1	35,900*										
75.0	39,300*											75.0	35,700*										
80.0	38,800*											80.0	35,400*										
85.0	38,300*											85.0	35,000*										
90.0	37,800*											90.0	34,200*										
95.0	36,700*	98.4	37,400*									95.0	33,100*	98.4	33,700*								
100.0	35,200*	100.0	37,000*									100.0	31,800*	100.0	33,300*								
110.0	32,600*	110.0	34,100*									110.0	29,400*	110.0	30,700*								
120.0	30,100*	120.0	31,500*	124.6	31,700*							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*	131.2	27,300*						
140.0	26,200*	140.0	27,100*	140.0	28,200*							140.0	23,700*	140.0	24,700*	140.0	25,500*						
150.0	24,400*	150.0	25,300*	150.0	26,100*	150.9	26,800*					150.0	22,200*	150.0	23,000*	150.0	23,700*	157.4	23,300*				
160.0	22,900*	160.0	23,600*	160.0	24,400*	160.0	25,300*					160.0	20,800*	160.0	21,400*	160.0	22,200*	160.0	22,900*				
170.0	21,400*	170.0	22,300*	170.0	23,000*	170.0	23,600*	177.1	21,100			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*	183.7	19,600		
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		
196.8	16,900*	200.0	17,600*	200.0	18,400*	200.0	18,800*	200.0	17,600	203.4	15,400	200.0	13,300*	200.0	16,800*	200.0	17,500*	200.0	17,800*	200.0	17,400	209.9	14,100
		209.9	15,400*	210.0	16,500*	210.0	17,100*	210.0	16,300	210.0	14,500	203.4	12,300*	210.0	15,800*	210.0	16,500*	210.0	16,700*	210.0	16,000	210.0	14,100
				220.0	14,800*	220.0	15,700*	220.0	15,100	220.0	13,400			216.5	14,500*	220.0	14,800*	220.0	15,400*	220.0	14,800	220.0	13,000
				223.0	14,300*	230.0	14,000*	230.0	14,000	230.0	12,300					229.6	13,200*	230.0	13,800*	230.0	13,600	230.0	12,000
						236.2	13,000*	240.0	13,000	240.0	11,400							240.0	12,300	240.0	12,600	240.0	11,000
								242.7	12,700	250.0	10,500							242.7	11,900	250.0	11,500*	250.0	10,200
										255.9	10,100									255.9	10,500*	260.0	9,400
																					269.0	8,800	
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

160' Boom																							
70 ft Jib												80 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
39.3	119,000*											39.3	105,800*										
40.0	119,000*											40.0	105,500*										
42.0	119,000*											42.0	104,500*										
44.0	119,000*											44.0	103,600*										
46.0	119,000*											46.0	102,600*										
48.0	118,100*											48.0	101,600*										
50.0	117,200*											50.0	100,600*										
55.0	112,600*	59.0	115,900									55.0	98,200*	59.0	115,500								
60.0	105,500*	60.0	113,800									60.0	95,800*	60.0	113,400								
65.0	98,300*	65.0	102,900									65.0	93,300*	65.0	102,500								
70.0	91,800*	70.0	93,800									70.0	90,900*	70.0	93,500								
75.0	82,200*	75.0	85,800	78.7	75,800							75.0	86,800*	75.0	85,600	78.7	75,300						
78.7	73,100*	80.0	78,900	80.0	74,400							80.0	80,500*	80.0	78,700	80.0	74,000						
		85.0	73,100	85.0	68,800							85.0	71,900*	85.0	72,800	85.0	68,400						
		90.0	68,100	90.0	64,100							85.3	71,400*	90.0	67,900	90.0	63,800						
		91.8	66,300	95.0	59,900	98.4	54,200							95.0	63,500	95.0	59,600	98.4	53,700				
				100.0	56,200	100.0	53,200							100.0	59,500	100.0	55,800	100.0	52,700				
				104.9	52,600	110.0	47,100	111.5	43,200					104.9	55,900	110.0	49,400	110.0	46,700	118.1	39,600		
						118.1	42,900	120.0	39,300							118.1	45,100	120.0	41,900	120.0	38,900		
								130.0	35,500	131.2	33,000							130.0	37,700	130.0	35,000	137.7	30,600
								131.2	35,000	140.0	30,400							131.2	37,200	140.0	31,800	140.0	29,900
										144.3	29,100									144.3	30,600	150.0	27,300
																					157.4	25,500	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

160' Boom																							
90 ft Jib												100 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
39.3	89,200*																						
40.0	89,200*																						
42.0	89,200*																						
44.0	89,200*											45.9	89,200*										
46.0	89,200*											46.0	89,200*										
48.0	89,200*											48.0	89,200*										
50.0	89,200*											50.0	89,200*										
55.0	89,200*											55.0	89,200*										
60.0	89,200*											60.0	89,200*										
65.0	89,200*	65.6	89,200									65.0	89,200*	65.6	89,200								
70.0	89,200*	70.0	89,200									70.0	89,200*	70.0	89,100								
75.0	86,700*	75.0	85,300									75.0	86,800*	75.0	85,000								
80.0	81,900*	80.0	78,500									80.0	82,100*	80.0	78,300								
85.0	76,600*	85.0	72,600	85.3	67,600							85.0	76,400*	85.0	72,400								
90.0	69,400*	90.0	67,700	90.0	63,400							90.0	71,100*	90.0	67,500	91.8	61,200						
95.0	61,400*	95.0	63,200	95.0	59,100							95.0	65,900*	95.0	63,000	95.0	58,800						
98.4	55,500*	100.0	59,200	100.0	55,300	104.9	49,100					100.0	60,200*	100.0	59,000	100.0	55,100						
		110.0	52,500	110.0	49,100	110.0	46,200					104.9	53,300*	110.0	52,500	110.0	48,900	111.5	45,100				
		111.5	51,500	120.0	44,000	120.0	41,500	124.6	36,500					120.0	46,900	120.0	43,800	120.0	41,100				
				124.6	41,800	130.0	37,400	130.0	34,600					124.6	44,700	130.0	39,500	130.0	37,000	131.2	33,900		
						137.7	34,600	140.0	31,500	144.3	28,200					137.7	36,500	140.0	33,700	140.0	31,100		
								150.0	28,600	150.0	26,800							150.0	30,800	150.0	28,400	150.9	26,200
								150.9	28,400	160.0	24,600							150.9	30,600	160.0	26,000	160.0	24,400
										164.0	23,800									164.0	25,100	170.0	22,300
																					177.1	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

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

160' Boom																							
110 ft Jib												120 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
45.9	89,200*																						
46.0	89,200*																						
48.0	89,200*																						
50.0	89,200*											52.4	83,500*										
55.0	89,200*											55.0	83,100*										
60.0	89,200*											60.0	82,200*										
65.0	89,200*											65.0	81,400*										
70.0	86,300*	72.1	88,400									70.0	79,200*	72.1	84,200								
75.0	82,800*	75.0	84,700									75.0	76,600*	75.0	82,100								
80.0	79,400*	80.0	78,300									80.0	73,700*	80.0	77,900								
85.0	76,000*	85.0	72,400									85.0	70,900*	85.0	72,200								
90.0	70,900*	90.0	67,500	91.8	60,800							90.0	68,200*	90.0	67,200								
95.0	66,000*	95.0	63,000	95.0	58,400							95.0	65,400*	95.0	62,800	98.4	55,700						
100.0	61,500*	100.0	59,000	100.0	54,700							100.0	62,100*	100.0	58,800	100.0	54,700						
110.0	52,000*	110.0	52,500	110.0	48,500	118.1	41,800					110.0	54,200*	110.0	52,100	110.0	48,500	118.1	41,600				
118.1	42,900*	120.0	46,900	120.0	43,400	120.0	41,000					120.0	46,400*	120.0	46,700	120.0	43,400	120.0	40,800				
		130.0	42,400	130.0	39,000	130.0	37,000	137.7	31,300			124.6	41,800*	130.0	42,200	130.0	39,000	130.0	36,800				
		131.2	41,800	140.0	35,600	140.0	33,700	140.0	30,600					140.0	38,500	140.0	35,600	140.0	33,400	144.3	29,300		
				144.3	34,100			150.0	30,800	157.4	24,600			144.3	37,000	150.0	32,600	150.0	30,400	150.0	27,900		
						157.4	28,800	160.0	25,600	160.0	24,100					157.4	30,600	160.0	28,000	160.0	25,600	164.0	23,100
								170.0	23,600	170.0	22,300							170.0	25,900	170.0	23,400	170.0	21,900
								170.6	23,500	180.0	20,500							170.6	25,700	180.0	21,700	180.0	20,200
										183.7	20,000									183.7	21,100	190.0	18,700
																					196.8	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

160' Boom																							
130 ft Jib												140 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
52.4	74,900*											52.4	67,400*										
55.0	74,600*											55.0	67,200*										
60.0	73,900*											60.0	66,600*										
65.0	73,200*											65.0	66,000*										
70.0	72,600*											70.0	65,400*										
75.0	71,400*	78.7	74,700									75.0	64,900*	78.7	66,700*								
80.0	69,800*	80.0	74,100									80.0	64,400*	80.0	66,600*								
85.0	67,800*	85.0	71,500									85.0	63,900*	85.0	66,100*								
90.0	65,700*	90.0	66,800									90.0	62,800*	90.0	65,300								
95.0	63,700*	95.0	62,500									95.0	61,300*	95.0	62,400								
100.0	61,400*	100.0	58,500	104.9	51,300							100.0	59,600*	100.0	58,400	104.9	51,100						
110.0	55,100*	110.0	51,800	110.0	48,500							110.0	55,100*	110.0	51,800	110.0	48,200						
120.0	48,600*	120.0	46,500	120.0	43,400	124.6	38,300					120.0	48,700*	120.0	46,200	120.0	43,200						
130.0	41,500*	130.0	41,900	130.0	39,000	130.0	36,300					130.0	43,300*	130.0	41,900	130.0	39,000	131.2	35,700				
137.7	35,000*	140.0	38,200	140.0	35,600	140.0	33,000					140.0	37,200*	140.0	38,000	140.0	35,400	140.0	32,800				
		150.0	34,900	150.0	32,400	150.0	30,200	150.9	27,500			144.3	34,100*	150.0	34,800	150.0	32,400	150.0	30,000	157.4	25,700		
		150.9	34,600	160.0	29,800	160.0	27,600	160.0	25,500					157.4	32,600	160.0	29,800	160.0	27,400	160.0	25,200		
				164.0	28,800	170.0	25,400	170.0	23,400	170.0	21,300					170.0	27,400	170.0	25,200	170.0	23,200	177.1	20,000
						177.1	24,000	180.0	21,700	180.0	19,900					177.1	26,000	180.0	23,500	180.0	21,500	180.0	19,600
								190.0	20,100	190.0	18,300							190.0	21,800	190.0	19,800	190.0	18,100
								190.2	20,000	200.0	17,000							190.2	21,800	200.0	18,500	200.0	16,900
										203.4	16,700									203.4	18,000	210.0	15,600
																					216.5	14,900	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

160' Boom																							
150 ft Jib												160 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
59.0	59,500*											59.0	53,700*										
60.0	59,500*											60.0	53,600*										
65.0	59,500*											65.0	52,900*										
70.0	59,500*											70.0	52,000*										
75.0	59,500*											75.0	51,100*										
80.0	59,300*											80.0	50,200*										
85.0	58,600*	85.3	58,800*									85.0	49,400*	85.3	51,800*								
90.0	57,600*	90.0	58,300*									90.0	48,700*	90.0	51,000*								
95.0	56,000*	95.0	57,800*									95.0	47,700*	95.0	50,100*								
100.0	54,000*	100.0	56,700									100.0	46,300*	100.0	49,300*								
110.0	50,100*	110.0	51,400	111.5	46,900							110.0	42,800*	110.0	47,800*	118.1	43,800						
120.0	46,500*	120.0	46,000	120.0	42,800							120.0	39,800*	120.0	44,500*	120.0	42,900						
130.0	43,000*	130.0	41,500	130.0	38,600	137.7	33,000					130.0	37,100*	130.0	41,100*	130.0	38,600	137.7	33,000				
140.0	38,700*	140.0	37,800	140.0	35,000	140.0	32,400					140.0	34,300*	140.0	37,800	140.0	35,100	140.0	32,400				
150.0	33,200*	150.0	34,400	150.0	32,000	150.0	29,500	157.4	25,300			150.0	31,700*	150.0	34,600	150.0	32,000	150.0	29,500				
157.4	28,400*	160.0	31,700	160.0	29,300	160.0	27,100	160.0	24,800			160.0	29,500*	160.0	31,800	160.0	29,300	160.0	27,100	164.0	24,000		
		170.0	29,200	170.0	27,000	170.0	25,000	170.0	22,800					170.0	29,200	170.0	27,200	170.0	25,000	170.0	22,800		
		170.6	29,100	180.0	25,000	180.0	23,100	180.0	21,100	183.7	18,700			177.1	27,700	180.0	25,000	180.0	23,100	180.0	21,100		
				183.7	24,400	190.0	21,400	190.0	19,600	190.0	17,600					190.0	23,400	190.0	21,400	190.0	19,600	190.2	17,600
						196.8	20,200	200.0	18,000	200.0	16,300					196.8	22,200	200.0	19,800	200.0	18,000	200.0	16,300
								209.9	16,900	210.0	15,200							209.9	18,500	210.0	16,900	210.0	15,200
										220.0	14,000									220.0	15,700	220.0	13,900
										223.0	13,600									223.0	15,400	230.0	12,900
																					236.2	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

160' Boom																							
170 ft Jib												180 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
65.6	48,000*											65.6	43,400*										
70.0	47,600*											70.0	42,900*										
75.0	47,100*											75.0	42,400*										
80.0	46,600*											80.0	41,900*										
85.0	46,100*											85.0	41,400*										
90.0	45,400*	91.8	45,600*									90.0	40,900*										
95.0	44,100*	95.0	44,500*									95.0	40,100*	98.4	41,200*								
100.0	42,400*	100.0	42,900*									100.0	38,900*	100.0	40,700*								
110.0	39,100*	110.0	39,700*	118.1	37,600*							110.0	35,900*	110.0	37,500*								
120.0	36,000*	120.0	36,600*	120.0	37,100*							120.0	33,200*	120.0	34,700*	124.6	34,600*						
130.0	33,000*	130.0	33,800*	130.0	34,200*							130.0	30,800*	130.0	32,000*	130.0	33,300*						
140.0	30,000*	140.0	31,100*	140.0	31,600*	144.3	30,400					140.0	28,600*	140.0	29,700*	140.0	31,000*						
150.0	27,300*	150.0	28,400*	150.0	29,100*	150.0	28,900					150.0	26,800*	150.0	27,700*	150.0	28,600*	150.9	28,600				
160.0	24,700*	160.0	25,900*	160.0	26,700*	160.0	26,500					160.0	24,900*	160.0	25,900*	160.0	26,500*	160.0	26,300				
170.0	22,200*	170.0	23,500*	170.0	24,500*	170.0	24,300	170.6	22,000			170.0	22,800*	170.0	23,900*	170.0	24,300*	170.0	24,100	177.1	20,700		
177.1	20,200*	180.0	21,100*	180.0	22,300*	180.0	22,400	180.0	20,400			180.0	20,400*	180.0	21,600*	180.0	22,300*	180.0	22,300	180.0	20,200		
		190.0	18,800*	190.0	20,100*	190.0	20,700	190.0	18,900	196.8	15,800	183.7	19,600*	190.0	19,600*	190.0	20,500*	190.0	20,500	190.0	18,700		
		190.2	18,700*	200.0	18,100*	200.0	18,900*	200.0	17,400	200.0	15,400			196.8	18,000*	200.0	18,500*	200.0	19,100*	200.0	17,400	203.4	14,700
				203.4	17,400*	210.0	17,100*	210.0	16,300	210.0	14,300					210.0	16,700*	210.0	17,400*	210.0	16,000	210.0	14,100
						216.5	15,800*	220.0	15,000	220.0	13,200							220.0	15,700*	220.0	14,800	220.0	12,900
								229.6	14,100	230.0	12,100							229.6	14,100*	230.0	13,800	230.0	11,800
										240.0	11,300									240.0	12,800	240.0	11,000
										242.7	11,000									242.7	12,500	250.0	10,200
																					255.9	9,700	
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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

160' Boom																							
190 ft Jib												200 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
72.1	39,000*											72.1	35,200*										
75.0	38,700*											75.0	35,000*										
80.0	38,200*											80.0	34,700*										
85.0	37,700*											85.0	34,400*										
90.0	37,200*											90.0	33,900*										
95.0	36,200*	98.4	37,200*									95.0	32,800*										
100.0	35,000*	100.0	36,800*									100.0	31,500*	104.9	31,900*								
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*	131.2	29,900*							130.0	25,300*	130.0	26,200*	131.2	27,100*						
140.0	26,000*	140.0	27,100*	140.0	27,900*							140.0	23,600*	140.0	24,500*	140.0	25,400*						
150.0	24,400*	150.0	25,200*	150.0	26,100*	157.4	25,500*					150.0	22,100*	150.0	22,800*	150.0	23,700*						
160.0	22,800*	160.0	23,600*	160.0	24,400*	160.0	25,100*					160.0	20,800*	160.0	21,400*	160.0	22,100*	164.0	22,200*				
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*	183.7	19,100			180.0	18,200*	180.0	19,000*	180.0	19,500*	180.0	19,900*				
190.0	17,700*	190.0	19,400*	190.0	19,800*	190.0	20,100*	190.0	18,300			190.0	15,300*	190.0	17,800*	190.0	18,300*	190.0	18,700*	190.2	18,000		
196.8	15,400*	200.0	17,400*	200.0	18,200*	200.0	18,600*	200.0	16,900	209.9	13,600	200.0	12,000*	200.0	16,800*	200.0	17,300*	200.0	17,700*	200.0	16,500		
		209.9	15,400*	210.0	16,500*	210.0	16,900*	210.0	15,600	210.0	13,600	203.4	11,000*	210.0	15,600*	210.0	16,000*	210.0	16,500*	210.0	15,200	216.5	12,500
				220.0	14,600*	220.0	15,400*	220.0	14,400	220.0	12,400					216.5	13,600*	220.0	14,900*	220.0	14,000	220.0	12,100
				223.0	14,100*	230.0	13,800*	230.0	13,400	230.0	11,400							229.6	13,000*	230.0	12,900	230.0	11,200
						236.2	12,700*	240.0	12,400	240.0	10,600									240.0	12,000*	240.0	10,200
								249.3	11,400	250.0	9,800									242.7	11,600*	250.0	9,400
										260.0	8,800											260.0	8,600
										262.4	8,800											262.4	7,900
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

170' Boom																							
70 ft Jib												80 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
39.3	119,000*											39.3	89,200*										
40.0	118,700*											40.0	89,200*										
42.0	117,600*											42.0	89,200*										
44.0	116,500*											44.0	89,200*										
46.0	115,300*											46.0	89,200*										
48.0	111,800*											48.0	89,200*										
50.0	108,200*											50.0	89,200*										
55.0	100,000*	59.0	114,100*									55.0	89,200*	59.0	89,200*								
60.0	92,700*	60.0	112,200*									60.0	88,800*	60.0	89,200*								
65.0	86,300*	65.0	102,200*									65.0	86,200*	65.0	89,200								
70.0	80,600*	70.0	93,300									70.0	81,100*	70.0	89,100								
75.0	75,400*	75.0	85,400	78.7	74,900							75.0	76,000*	75.0	85,000								
78.7	71,600*	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	85.3	67,200						
		90.0	67,700	90.0	63,400							90.0	60,000*	90.0	67,500	90.0	62,900						
		91.8	65,900	95.0	59,300	98.4	53,100					91.8	57,300*	95.0	63,000	95.0	58,800						
				100.0	55,500	100.0	52,100							100.0	59,000	100.0	55,100	104.9	48,700				
				110.0	49,200	110.0	46,200	118.1	39,000					104.9	55,500	110.0	48,900	110.0	45,800				
				111.5	48,200	120.0	41,500	120.0	38,200							118.1	44,500	120.0	41,000	124.6	35,900		
						124.6	39,400	130.0	34,500	137.7	29,900							130.0	37,000	130.0	34,100		
								137.7	31,900	140.0	29,300							131.2	36,500	140.0	30,900	144.3	27,700
										150.0	26,700									144.3	29,700	150.0	26,200
										150.9	26,400											157.4	24,600
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

170' Boom																							
90 ft Jib												100 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
39.3	89,200*																						
40.0	89,200*																						
42.0	89,200*																						
44.0	89,200*											45.9	89,200*										
46.0	89,200*											46.0	89,200*										
48.0	89,200*											48.0	89,200*										
50.0	89,200*											50.0	89,200*										
55.0	89,200*											55.0	89,200*										
60.0	88,800*											60.0	88,700*										
65.0	86,400*	65.6	89,200*									65.0	85,800*	65.6	89,200*								
70.0	81,300*	70.0	88,900									70.0	80,900*	70.0	88,800								
75.0	76,200*	75.0	84,800									75.0	76,000*	75.0	84,600								
80.0	71,600*	80.0	78,100									80.0	71,500*	80.0	77,800								
85.0	67,400*	85.0	72,200	85.3	66,700							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	91.8	60,800						
95.0	59,400*	95.0	62,800	95.0	58,400							95.0	60,500*	95.0	62,600	95.0	58,400						
98.4	56,200*	100.0	58,800	100.0	54,700							100.0	57,300*	100.0	58,600	100.0	54,700						
		110.0	52,300	110.0	48,500	111.5	44,500					104.9	54,400*	110.0	52,000	110.0	48,500	111.5	44,300				
		111.5	51,300	120.0	43,400	120.0	40,600							120.0	46,700	120.0	43,400	120.0	40,400				
				130.0	39,200	130.0	36,600	131.2	33,200							124.6	44,500	130.0	39,200	130.0	36,300	137.7	31,000
				131.2	38,800	140.0	33,200	140.0	30,400									140.0	33,000	140.0	30,400		
						144.3	31,900	150.0	27,800	150.9	25,500							150.0	30,200	150.0	27,800	157.4	23,800
								157.4	26,200									150.9	29,900	160.0	25,500	160.0	23,300
										170.0	21,900									164.0	24,600	170.0	21,500
										170.6	21,800											177.1	20,200
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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
45.9	89,200*																						
46.0	89,200*																						
48.0	89,200*																						
50.0	89,200*																						
55.0	89,200*											52.4	80,000*										
60.0	88,700*											55.0	79,600*										
65.0	85,600*											60.0	78,700*										
70.0	80,700*	72.1	87,700									65.0	77,900*										
75.0	75,900*	75.0	84,000									70.0	77,000*										
80.0	71,500*	80.0	77,700									75.0	74,900*	78.7	78,700								
85.0	67,600*	85.0	71,900									80.0	71,500*	80.0	77,300								
90.0	63,900*	90.0	67,000									85.0	67,600*	85.0	71,700								
95.0	60,600*	95.0	62,600	98.4	55,300							90.0	64,100*	90.0	66,800								
100.0	57,500*	100.0	58,600	100.0	54,300							95.0	60,800*	95.0	62,400	98.4	55,100						
110.0	51,900*	110.0	52,000	110.0	48,200	118.1	41,000					100.0	57,700*	100.0	58,400	100.0	54,000						
118.1	43,800*	120.0	46,700	120.0	43,000	120.0	40,200					110.0	52,100*	110.0	51,800	110.0	47,800						
		130.0	42,200	130.0	38,800	130.0	36,300	137.7	30,600			120.0	46,500*	120.0	46,500	120.0	42,800	124.6	37,900				
		131.2	41,600	140.0	35,400	140.0	33,000	140.0	30,000			124.6	42,300*	130.0	41,900	130.0	38,600	130.0	35,900				
				144.3	33,900	150.0	30,200	150.0	27,300					140.0	38,200	140.0	35,000	140.0	32,600	144.3	28,400		
						150.0	27,600	160.0	25,000	164.0	22,400			144.3	36,500	150.0	32,000	150.0	29,700	150.0	27,100		
						160.0	26,600	160.0	25,000	170.0	23,000	170.0	21,400			157.4	30,200	160.0	27,400	160.0	24,800		
						164.0	26,600	170.0	23,000	177.1	21,800	180.0	19,800					170.0	25,200	170.0	22,800	170.6	20,900
								177.1	21,800	180.0	19,800	180.0	19,800					170.6	25,100	180.0	21,100	180.0	19,400
										190.0	18,300	190.0	18,300							183.7	20,500	190.0	17,900
										190.2	18,200	190.2	18,200								196.8	16,900	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

170' Boom																							
130 ft Jib												140 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
52.4	72,000*																						
55.0	71,700*											59.0	59,500*										
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*	78.7	72,000									75.0	59,500*										
80.0	68,100*	80.0	71,800									80.0	59,500*										
85.0	66,600*	85.0	71,000									85.0	59,500*	85.3	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	104.9	50,700							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	111.5	46,700						
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	131.2	35,000					130.0	43,400*	130.0	41,500	130.0	38,400	131.2	35,000				
137.7	35,400*	140.0	37,800	140.0	35,000	140.0	32,400					140.0	37,400*	140.0	37,800	140.0	34,900	140.0	32,100				
		150.0	34,600	150.0	32,000	150.0	29,500	150.9	26,600			144.3	34,300*	150.0	34,600	150.0	31,900	150.0	29,300	157.4	25,100		
		150.9	34,300	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		
				164.0	28,400	170.0	25,000	170.0	22,800	177.1	19,400			164.0	30,800	170.0	27,000	170.0	24,800	170.0	22,600		
						180.0	23,100	180.0	21,000	180.0	19,000					177.1	25,500	180.0	22,800	180.0	20,900	183.7	18,200
						183.7	22,400	190.0	19,400	190.0	17,400							190.0	21,200	190.0	19,200	190.0	17,200
								196.8	18,500	200.0	16,200							190.2	21,100	200.0	17,800	200.0	15,900
										209.9	14,900									203.4	17,400	210.0	14,700
																					216.5	14,100	
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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

170' Boom																							
150 ft Jib												160 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
59.0	57,700*											59.0	52,200*										
60.0	57,600*											60.0	52,100*										
65.0	57,100*											65.0	51,600*										
70.0	56,800*											70.0	51,100*										
75.0	56,300*											75.0	50,600*										
80.0	55,800*											80.0	50,100*										
85.0	55,300*	85.3	57,300*									85.0	49,600*										
90.0	54,800*	90.0	56,800*									90.0	48,800*	91.8	50,900*								
95.0	54,300*	95.0	56,300									95.0	47,800*	95.0	50,300*								
100.0	53,500*	100.0	55,500									100.0	46,500*	100.0	49,600*								
110.0	50,100*	110.0	51,000	111.5	46,200							110.0	43,000*	110.0	48,200*	118.1	43,200						
120.0	46,600*	120.0	45,600	120.0	42,300							120.0	39,900*	120.0	44,700*	120.0	42,300						
130.0	43,200*	130.0	41,200	130.0	38,100	137.7	32,400					130.0	37,300*	130.0	41,200	130.0	38,100						
140.0	38,700*	140.0	37,300	140.0	34,600	140.0	31,700					140.0	34,100*	140.0	37,600	140.0	34,600	144.3	30,400				
150.0	33,400*	150.0	34,200	150.0	31,500	150.0	28,900					150.0	31,500*	150.0	34,400	150.0	31,500	150.0	28,900				
157.4	28,600*	160.0	31,500	160.0	28,900	160.0	26,500	164.0	23,300			160.0	29,500*	160.0	31,500	160.0	28,900	160.0	26,500				
		170.0	29,000	170.0	26,500	170.0	24,300	170.0	22,100			164.0	28,400*	170.0	29,000	170.0	26,700	170.0	24,300	170.6	22,000		
		170.6	28,800	180.0	24,700	180.0	22,400	180.0	20,400					180.0	26,900	180.0	24,700	180.0	22,500	180.0	20,400		
				183.7	24,000	190.0	20,900	190.0	18,700	190.2	16,700			183.7	26,200	190.0	22,900	190.0	20,900	190.0	18,900	196.8	15,800
						200.0	19,400	200.0	17,500	200.0	15,400					196.8	21,800	200.0	19,400	200.0	17,500	200.0	15,400
						203.4	18,900	210.0	16,300	210.0	14,300							209.9	18,000	210.0	16,300	210.0	14,300
								216.5	15,600	220.0	13,000									220.0	15,100	220.0	13,000
										229.6	12,300									223.0	14,700	230.0	12,100
																					236.2	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

170' Boom																							
170 ft Jib												180 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
65.6	46,700*											65.6	42,300*										
70.0	46,200*											70.0	41,800*										
75.0	45,700*											75.0	41,300*										
80.0	45,200*											80.0	40,800*										
85.0	44,700*											85.0	40,300*										
90.0	44,200*	91.8	45,100*									90.0	39,800*										
95.0	43,400*	95.0	44,100*									95.0	39,300*	98.4	40,700*								
100.0	42,200*	100.0	42,500*									100.0	38,500*	100.0	40,400*								
110.0	38,800*	110.0	39,400*									110.0	35,700*	110.0	37,500*								
120.0	35,800*	120.0	36,400*	124.6	35,400*							120.0	33,000*	120.0	34,500*	124.6	34,100*						
130.0	32,700*	130.0	33,600*	130.0	34,000*							130.0	30,700*	130.0	32,000*	130.0	32,900*						
140.0	30,000*	140.0	30,900*	140.0	31,300*							140.0	28,600*	140.0	29,700*	140.0	30,500*						
150.0	27,300*	150.0	28,200*	150.0	28,800*	150.9	27,900					150.0	26,600*	150.0	27,700*	150.0	28,400*	150.9	27,700				
160.0	24,600*	160.0	25,800*	160.0	26,500*	160.0	25,800					160.0	24,900*	160.0	25,700*	160.0	26,100*	160.0	25,700				
170.0	22,100*	170.0	23,500*	170.0	24,300*	170.0	23,700	177.1	20,200			170.0	22,800*	170.0	23,700*	170.0	24,100*	170.0	23,700				
177.1	20,200*	180.0	21,100*	180.0	22,100*	180.0	22,000	180.0	19,800			180.0	20,400*	180.0	21,500*	180.0	22,100*	180.0	21,700	183.7	18,900		
		190.0	18,800*	190.0	20,100*	190.0	20,300	190.0	18,100			183.7	19,600*	190.0	19,400*	190.0	20,300*	190.0	20,100	190.0	18,100		
		190.2	18,700*	200.0	17,800*	200.0	18,700	200.0	16,700	203.4	14,100			200.0	17,400*	200.0	18,400*	200.0	18,600	200.0	16,500	209.9	13,200
				203.4	17,100*	210.0	16,900*	210.0	15,600	210.0	13,400			203.4	16,700*	210.0	16,500*	210.0	17,100*	210.0	15,400	210.0	13,200
						220.0	15,100*	220.0	14,400	220.0	12,300					216.5	15,200*	220.0	15,500*	220.0	14,200	220.0	11,900
						223.0	14,500*	230.0	13,400	230.0	11,400							229.6	13,800*	230.0	13,100	230.0	11,200
								236.2	12,700	240.0	10,400									240.0	12,100	240.0	10,200
										249.3	9,700									242.7	11,900	250.0	9,400
																					255.9	9,000	
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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
72.1	38,100*											72.1	34,600*										
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*	98.4	37,200*									95.0	32,300*										
100.0	35,000*	100.0	36,700*									100.0	31,500*	104.9	31,900*								
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*	131.2	29,900*							130.0	25,300*	130.0	26,200*	131.2	27,100*						
140.0	26,000*	140.0	26,900*	140.0	27,900*							140.0	23,600*	140.0	24,500*	140.0	25,400*						
150.0	24,400*	150.0	25,200*	150.0	25,900*	157.4	25,300*					150.0	22,100*	150.0	22,800*	150.0	23,700*						
160.0	22,800*	160.0	23,600*	160.0	24,200*	160.0	24,900*					160.0	20,800*	160.0	21,400*	160.0	22,000*	164.0	22,000*				
170.0	21,400*	170.0	22,100*	170.0	22,700*	170.0	23,200					170.0	19,400*	170.0	20,100*	170.0	20,500*	170.0	21,200*				
180.0	19,500*	180.0	20,700*	180.0	21,300*	180.0	21,300					180.0	17,500*	180.0	18,800*	180.0	19,400*	180.0	19,900*				
190.0	16,100*	190.0	19,200*	190.0	19,600*	190.0	19,600	190.2	17,600			190.0	13,900*	190.0	17,800*	190.0	18,300*	190.0	18,700*	190.2	17,100		
196.8	14,100*	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		
		209.9	15,400*	210.0	16,300*	210.0	16,700*	210.0	14,700	216.5	11,900	203.4	9,700*	210.0	15,200*	210.0	15,800*	210.0	16,000*	210.0	14,500		
				220.0	14,600*	220.0	15,000*	220.0	13,700	220.0	11,500					216.5	12,500*	220.0	14,400*	220.0	13,300	223.0	10,800
				223.0	14,100*	230.0	13,600*	230.0	12,700	230.0	10,500							230.0	12,900*	230.0	12,300	230.0	10,300
						236.2	12,500*	240.0	11,700	240.0	9,700							236.2	11,900*	240.0	11,300	240.0	9,400
								250.0	10,700	250.0	8,900									249.3	10,500*	250.0	8,500
								255.9	10,300	260.0	8,300											260.0	7,800
										269.0	7,700											262.4	7,200
																						275.5	6,800
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
39.3	89,200*											39.3	89,200*										
40.0	89,200*											40.0	89,200*										
42.0	89,200*											42.0	89,200*										
44.0	89,200*											44.0	89,200*										
46.0	89,200*											46.0	89,200*										
48.0	89,200*											48.0	89,200*										
50.0	89,200*											50.0	89,200*										
55.0	86,500*	59.0	89,200*									55.0	86,500*										
60.0	80,900*	60.0	89,200*									60.0	81,100*										
65.0	75,400*	65.0	89,200*									65.0	75,600*	65.6	89,200*								
70.0	70,400*	70.0	85,100*									70.0	70,900*	70.0	85,100*								
75.0	65,900*	75.0	79,800*	78.7	74,200							75.0	66,500*	75.0	79,900*								
78.7	62,800*	80.0	74,300*	80.0	72,900							80.0	62,300*	80.0	74,600*								
		85.0	69,500*	85.0	67,500							85.0	58,600*	85.0	69,700*	85.3	66,700						
		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	98.4	52,200					91.8	54,000*	95.0	61,600*	95.0	58,400						
		98.4	58,400*	100.0	55,100	100.0	51,200							100.0	58,000*	100.0	54,700	104.9	47,600				
				110.0	48,700	110.0	45,300	118.1	38,100					104.9	54,600*	110.0	48,500	110.0	44,900				
				111.5	47,800	120.0	40,600	120.0	37,400							118.1	44,300	120.0	40,100	124.6	35,200		
						124.6	38,500	130.0	33,700	137.7	28,600							130.0	36,100	130.0	33,300		
								140.0	30,700	140.0	28,100							137.7	33,500	140.0	30,200	144.3	26,400
								144.3	29,500	150.0	25,700									150.0	27,500	150.0	25,100
										157.4	24,000									150.9	27,300	160.0	23,000
																					164.0	22,200	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

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)
45.9	89,200*											45.9	89,200*										
46.0	89,200*											46.0	89,200*										
48.0	89,200*											48.0	89,200*										
50.0	89,200*											50.0	89,200*										
55.0	86,500*											55.0	86,500*										
60.0	81,100*											60.0	81,200*										
65.0	75,600*	65.6	89,200*									65.0	75,800*										
70.0	70,900*	70.0	85,100*									70.0	71,000*	72.1	81,300*								
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*	91.8	60,400							90.0	55,800*	90.0	64,900*	91.8	60,100						
95.0	52,500*	95.0	61,800*	95.0	57,900							95.0	52,800*	95.0	61,200*	95.0	57,700						
98.4	50,400*	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	111.5	43,600					110.0	45,000*	110.0	51,900	110.0	47,800	118.1	40,500				
		111.5	50,900	120.0	43,000	120.0	39,800					111.5	44,300*	120.0	46,600	120.0	42,800	120.0	39,800				
				130.0	38,800	130.0	35,900	131.2	32,400					124.6	44,300	130.0	38,600	130.0	35,900	137.7	30,200		
				131.2	38,300	140.0	32,600	140.0	29,800							137.7	35,900	140.0	32,600	140.0	29,500		
						144.3	31,300	150.0	27,100	150.9	24,400							150.0	29,700	150.0	26,800	157.4	23,100
								157.4	25,500	160.0	22,600							157.4	27,900	160.0	24,600	160.0	22,600
										170.0	20,800									170.0	22,800	170.0	20,800
										177.1	19,600									170.6	22,700	180.0	19,200
																					183.7	18,700	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

180' Boom																							
110 ft Jib												120 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
45.9	85,900*																						
46.0	85,900*																						
48.0	85,500*																						
50.0	85,100*											52.4	73,600*										
55.0	83,600*											55.0	73,100*										
60.0	80,900*											60.0	72,100*										
65.0	75,600*											65.0	71,100*										
70.0	70,800*	72.1	81,300*									70.0	68,900*										
75.0	66,500*	75.0	78,400*									75.0	65,700*	78.7	74,200*								
80.0	62,600*	80.0	73,300*									80.0	61,900*	80.0	73,100*								
85.0	59,000*	85.0	68,800*									85.0	58,400*	85.0	68,800*								
90.0	55,800*	90.0	64,700*									90.0	55,300*	90.0	64,700*								
95.0	52,900*	95.0	61,100*	98.4	54,600							95.0	52,500*	95.0	61,000*								
100.0	50,200*	100.0	57,800*	100.0	53,600							100.0	49,900*	100.0	57,600	104.9	50,400						
110.0	45,200*	110.0	51,600	110.0	47,400							110.0	45,200*	110.0	51,400	110.0	47,600						
118.1	41,600*	120.0	46,200	120.0	42,500	124.6	37,400					120.0	41,100*	120.0	46,000	120.0	42,600	124.6	37,000				
		130.0	41,900	130.0	38,300	130.0	35,500					124.6	39,200*	130.0	41,700	130.0	38,400	130.0	35,000				
		131.2	41,400	140.0	34,800	140.0	32,100	144.3	27,700					140.0	37,800	140.0	34,800	140.0	31,900				
				150.0	31,800	150.0	29,300	150.0	26,400					144.3	36,300	150.0	31,800	150.0	29,100	150.9	26,200		
				150.9	31,500	160.0	27,000	160.0	24,100	164.0	21,300					157.4	29,900	160.0	26,700	160.0	24,100		
						164.0	26,200	170.0	22,300	170.0	20,300							170.0	24,500	170.0	22,300		
						177.1	21,100	180.0	18,700	180.0	17,200							177.1	23,300	180.0	20,500	170.6	19,800
								190.0	17,200	190.0	16,300									180.0	20,500	180.0	18,300
																				190.0	19,000	190.0	17,000
																				190.2	18,900	200.0	15,600
																						203.4	15,200
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

180' Boom																							
130 ft Jib												140 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
52.4	59,500*																						
55.0	59,500*											59.0	59,500*										
60.0	59,500*											60.0	59,500*										
65.0	59,500*											65.0	59,500*										
70.0	59,500*											70.0	59,500*										
75.0	59,500*	78.7	59,500*									75.0	59,500*										
80.0	59,200*	80.0	59,500*									80.0	59,200*										
85.0	58,200*	85.0	59,500*									85.0	58,200*	85.3	59,500*								
90.0	55,300*	90.0	59,500*									90.0	55,300*	90.0	59,500*								
95.0	52,500*	95.0	59,100*									95.0	52,500*	95.0	59,100								
100.0	49,900*	100.0	57,500	104.9	50,000							100.0	49,900*	100.0	57,500								
110.0	45,200*	110.0	51,200	110.0	47,100							110.0	45,200*	110.0	50,900	111.5	46,000						
120.0	41,100*	120.0	45,800	120.0	42,100							120.0	41,100*	120.0	45,600	120.0	41,900						
130.0	37,400*	130.0	41,300	130.0	37,900	131.2	34,300					130.0	37,600*	130.0	41,200	130.0	37,900	137.7	31,900				
137.7	35,000*	140.0	37,600	140.0	34,600	140.0	31,500					140.0	34,600*	140.0	37,600	140.0	34,300	140.0	31,200				
		150.0	34,400	150.0	31,500	150.0	28,600	157.4	24,200			144.3	33,200*	150.0	34,200	150.0	31,300	150.0	28,600				
		150.9	34,100	160.0	28,900	160.0	26,300	160.0	23,700					160.0	31,500	160.0	28,900	160.0	26,100	164.0	22,900		
				170.0	26,700	170.0	24,300	170.0	21,900	177.1	18,200			164.0	30,400	170.0	26,500	170.0	24,100	170.0	21,700		
				170.6	26,600	180.0	22,400	180.0	20,200	180.0	17,900					177.1	25,100	180.0	22,200	180.0	20,000	183.7	16,900
						183.7	21,800	190.0	18,700	190.0	16,300							190.0	20,700	190.0	18,500	190.0	16,100
								196.8	17,800	200.0	15,100							196.8	19,600	200.0	17,200	200.0	14,800
										210.0	13,800									209.9	16,000	210.0	13,600
										216.5	13,200											220.0	12,600
																						223.0	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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

180' Boom																							
150 ft Jib											160 ft Jib												
Boom Angle (deg.)											Boom Angle (deg.)												
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
59.0	55,900*											59.0	50,700*										
60.0	55,900*											60.0	50,600*										
65.0	55,300*											65.0	50,100*										
70.0	54,800*											70.0	49,600*										
75.0	54,300*											75.0	49,000*										
80.0	53,800*											80.0	48,500*										
85.0	53,300*	85.3	55,500*									85.0	48,000*										
90.0	52,800*	90.0	55,000*									90.0	47,500*	91.8	49,800*								
95.0	51,600*	95.0	54,500									95.0	47,000*	95.0	49,500*								
100.0	49,600*	100.0	54,000									100.0	46,200*	100.0	49,000*								
110.0	44,900*	110.0	50,700	118.1	42,500							110.0	43,000*	110.0	47,900*	118.1	42,500						
120.0	41,100*	120.0	45,400	120.0	41,600							120.0	40,000*	120.0	45,000	120.0	41,700						
130.0	37,600*	130.0	40,800	130.0	37,400							130.0	37,000*	130.0	41,000	130.0	37,500						
140.0	34,400*	140.0	37,100	140.0	33,900	144.3	29,700					140.0	34,000*	140.0	37,300	140.0	34,100	144.3	29,700				
150.0	31,700*	150.0	34,000	150.0	31,100	150.0	28,200					150.0	31,500*	150.0	34,000	150.0	31,100	150.0	28,200				
157.4	29,100*	160.0	31,200	160.0	28,500	160.0	25,800					160.0	29,000*	160.0	31,200	160.0	28,500	160.0	25,800				
		170.0	28,800	170.0	26,100	170.0	23,700	170.6	21,100			164.0	28,200*	170.0	28,800	170.0	26,300	170.0	23,700	170.6	21,100		
		170.6	28,600	180.0	24,300	180.0	22,000	180.0	19,500					180.0	26,700	180.0	24,300	180.0	22,000	180.0	19,500		
				190.0	22,500	190.0	20,300	190.0	18,100	190.2	15,600			183.7	26,000	190.0	22,500	190.0	20,300	190.0	18,100	196.8	14,700
				190.2	22,400	200.0	18,900	200.0	16,700	200.0	14,300					196.8	21,300	200.0	18,900	200.0	16,700	200.0	14,300
						203.4	18,500	210.0	15,400	210.0	13,200							209.9	17,600	210.0	15,400	210.0	13,200
								216.5	14,700	220.0	12,200									220.0	14,400	220.0	12,200
										229.6	11,200									229.6	13,400	230.0	11,200
																					240.0	10,400	
																					242.7	10,100	
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

180' Boom																							
170 ft Jib											180 ft Jib												
Boom Angle (deg.)											Boom Angle (deg.)												
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
65.6	45,400*											65.6	41,200*										
70.0	44,900*											70.0	40,900*										
75.0	44,400*											75.0	40,500*										
80.0	43,900*											80.0	40,200*										
85.0	43,400*											85.0	39,700*										
90.0	42,900*	91.8	44,700*									90.0	39,300*										
95.0	42,400*	95.0	43,800*									95.0	39,000*	98.4	40,100*								
100.0	41,600*	100.0	42,200*									100.0	38,400*	100.0	39,800*								
110.0	38,600*	110.0	39,000*									110.0	35,700*	110.0	37,400*								
120.0	35,500*	120.0	36,000*	124.6	35,000*							120.0	33,000*	120.0	34,500*	124.6	33,700*						
130.0	32,500*	130.0	33,200*	130.0	33,600*							130.0	30,600*	130.0	31,800*	130.0	32,400*						
140.0	29,800*	140.0	30,500*	140.0	31,000*							140.0	28,400*	140.0	29,500*	140.0	30,100*						
150.0	27,100*	150.0	28,000*	150.0	28,600*	150.9	27,300					150.0	26,600*	150.0	27,500*	150.0	27,900*	157.4	25,500				
160.0	24,500*	160.0	25,600*	160.0	26,300*	160.0	25,200					160.0	24,800*	160.0	25,500*	160.0	25,900*	160.0	24,900				
170.0	21,900*	170.0	23,200*	170.0	23,900*	170.0	23,000	177.1	19,400			170.0	22,600*	170.0	23,400*	170.0	23,900*	170.0	23,000				
177.1	20,200*	180.0	20,900*	180.0	21,900*	180.0	21,300	180.0	18,900			180.0	20,400*	180.0	21,400*	180.0	21,900*	180.0	21,100	183.7	18,000		
		190.0	18,700*	190.0	19,800*	190.0	19,600	190.0	17,400			183.7	19,400*	190.0	19,400*	190.0	20,100*	190.0	19,400	190.0	17,000		
		190.2	18,700*	200.0	17,800*	200.0	18,300	200.0	15,800	203.4	13,000			200.0	17,200*	200.0	18,200*	200.0	18,000	200.0	15,600	209.9	12,100
				209.9	15,800*	210.0	16,700*	210.0	14,700	210.0	12,300			203.4	16,500*	210.0	16,300*	210.0	16,700	210.0	14,500	210.0	12,100
						220.0	14,900*	220.0	13,500	220.0	11,300					216.5	15,200*	220.0	15,200*	220.0	13,300	220.0	11,100
						223.0	14,300*	230.0	12,500	230.0	10,300							229.6	13,600*	230.0	12,300	230.0	10,100
								236.2	11,900	240.0	9,500									240.0	11,400	240.0	9,300
										249.3	8,800									249.3	10,500	250.0	8,500
																					262.4	7,700	
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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
72.1	37,000*											72.1	33,700*										
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*	98.4	36,300*									95.0	32,000*										
100.0	34,800*	100.0	36,100*									100.0	31,300*	104.9	31,700*								
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*	131.2	29,700*							130.0	25,100*	130.0	26,200*	137.7	25,700*						
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*	164.0	23,800					160.0	20,600*	160.0	21,200*	160.0	21,900*	164.0	22,000*				
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	190.2	16,500			190.0	12,400*	190.0	17,600*	190.0	18,100*	190.0	18,500*	196.8	15,200		
196.8	12,500*	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	15,200*	210.0	16,000*	210.0	16,300	210.0	14,100	216.5	11,000	203.4	8,300*	210.0	13,800*	210.0	15,600*	210.0	15,600*	210.0	13,600		
				220.0	14,400*	220.0	14,800*	220.0	12,800	220.0	10,600			220.0	10,200*	220.0	14,000*	220.0	14,300*	220.0	12,400	223.0	9,900
				229.6	12,700*	230.0	13,300*	230.0	11,800	230.0	9,600			223.0	9,200*	230.0	12,700*	230.0	12,900*	230.0	11,400	230.0	9,200
						240.0	11,800*	240.0	10,900	240.0	8,800					236.2	11,600*	240.0	11,600*	240.0	10,600	240.0	8,400
						242.7	11,400*	250.0	10,000	250.0	8,100							249.3	10,300*	250.0	9,600	250.0	7,600
								255.9	9,700	260.0	7,400									260.0	8,900	260.0	7,000
										269.0	6,800									269.0	8,100*	270.0	6,300
																					280.0	5,600	
																					282.1	5,500	
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)	Load Radius (ft)	Rated Load (lbs)
39.3	89,200*											39.3	89,200*										
40.0	88,800*											40.0	88,800*										
42.0	87,400*											42.0	87,300*										
44.0	86,000*											44.0	85,800*										
46.0	84,500*											46.0	84,300*										
48.0	82,500*											48.0	82,400*										
50.0	80,500*											50.0	80,400*										
55.0	76,000*	59.0	89,200*									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*	65.6	80,200*								
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	55,500*	80.0	66,500*									80.0	55,100*	80.0	65,500*								
		85.0	62,000*	85.3	66,300							85.0	51,700*	85.0	61,300*	85.3	65,900						
		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	58,200							91.8	47,600*	95.0	54,200*	95.0	57,700						
		98.4	52,000*	100.0	54,400	104.9	47,100							100.0	51,000*	100.0	54,000						
				110.0	48,200	110.0	44,400							104.9	48,000*	110.0	47,800	111.5	43,600				
				111.5	47,300	120.0	39,800	124.6	34,800							120.0	42,800	120.0	39,800				
						130.0	35,900	130.0	33,000							124.6	40,700	130.0	35,900	131.2	31,900		
						131.2	35,400	140.0	29,800	144.3	26,000							137.7	33,200	140.0	29,300	150.9	24,400
								144.3	28,600	150.0	24,800									150.0	26,800	160.0	22,500
										157.4	23,100									157.4	25,100	170.0	20,800
																					170.6	20,700	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

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)	Load Radius (ft)	Rated Load (lbs)
45.9	87,000*											45.9	86,800*										
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	70,500*											60.0	70,500*										
65.0	65,800*	65.6	80,000*									65.0	65,800*										
70.0	61,700*	70.0	75,100*									70.0	61,800*	72.1	72,700*								
75.0	57,900*	75.0	70,000*									75.0	58,100*	75.0	70,000*								
80.0	54,500*	80.0	65,500*									80.0	54,700*	80.0	65,500*								
85.0	51,500*	85.0	61,300*									85.0	51,500*	85.0	61,300*								
90.0	48,600*	90.0	57,500*	91.8	59,900							90.0	48,800*	90.0	57,700*								
95.0	46,000*	95.0	54,200*	95.0	57,600							95.0	46,200*	95.0	54,400*	98.4	54,600						
98.4	44,300*	100.0	51,100*	100.0	54,000							100.0	43,800*	100.0	51,300*	100.0	53,600						
		110.0	45,700*	110.0	47,800	111.5	43,200					110.0	39,400*	110.0	45,900*	110.0	47,600	118.1	39,900				
		118.1	41,800*	120.0	42,800	120.0	39,300					111.5	38,800*	120.0	41,300	120.0	42,600	120.0	39,000				
				130.0	38,600	130.0	35,500	137.7	29,900					124.6	39,400	130.0	38,500	130.0	35,200				
				131.2	38,100	140.0	32,100	140.0	29,300							140.0	35,000	140.0	31,900	144.3	27,700		
						150.0	29,300	150.0	26,700	157.4	22,400					144.3	33,700	150.0	29,100	150.0	26,400		
						150.9	29,100	160.0	24,600	160.0	22,000							157.4	27,300	160.0	24,100	164.0	20,900
								164.0	23,800	170.0	20,300									160.0	22,300	170.0	19,900
										177.1	19,100									177.1	21,100	180.0	18,300
																					190.0	17,000	
																					190.2	16,900	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Refer to notes on page 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

190' Boom																							
110 ft Jib												120 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
45.9	82,000*																						
46.0	81,900*																						
48.0	80,800*																						
50.0	79,600*											52.4	59,500*										
55.0	75,500*											55.0	59,500*										
60.0	70,300*											60.0	59,500*										
65.0	65,800*											65.0	59,500*										
70.0	61,700*	72.1	72,300*									70.0	59,500*										
75.0	57,900*	75.0	69,700*									75.0	57,700*	78.7	59,500*								
80.0	54,500*	80.0	65,200*									80.0	54,500*	80.0	59,500*								
85.0	51,500*	85.0	61,100*									85.0	51,500*	85.0	59,500*								
90.0	48,800*	90.0	57,500*									90.0	48,600*	90.0	56,900*								
95.0	46,200*	95.0	54,200*	98.4	54,200							95.0	46,100*	95.0	54,000*								
100.0	43,800*	100.0	51,100*	100.0	53,200							100.0	43,800*	100.0	51,100*	104.9	49,800						
110.0	39,600*	110.0	45,900*	110.0	47,100							110.0	39,600*	110.0	45,700*	110.0	46,900						
118.1	36,300*	120.0	41,300*	120.0	42,300	124.6	36,500					120.0	35,900*	120.0	41,300*	120.0	41,900						
		130.0	37,400*	130.0	38,100	130.0	34,800					130.0	32,600*	130.0	37,400*	130.0	37,900	131.2	33,900				
		137.7	34,600*	140.0	34,600	140.0	31,500					131.2	32,100*	140.0	34,000*	140.0	34,300	140.0	31,200				
				150.0	31,700	150.0	28,800	150.9	25,700							150.0	31,300	150.0	28,400	150.9	25,300		
				150.9	31,500	160.0	26,300	160.0	23,700							160.0	28,900	160.0	26,100	160.0	23,500		
						170.0	24,300	170.0	21,900	170.6	19,400					164.0	27,900	170.0	24,100	170.0	21,500		
						170.6	24,200	180.0	20,200	180.0	17,800							177.1	22,700	180.0	19,900	177.1	17,800
								183.7	19,600	190.0	16,300									180.0	18,300	180.0	17,400
										196.8	15,400									190.0	18,200	190.0	15,900
																				190.2	18,200	200.0	14,700
																				209.9	13,600		13,600
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

190' Boom																							
130 ft Jib												140 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
52.4	59,500*																						
55.0	59,500*											59.0	59,500*										
60.0	59,500*											60.0	59,500*										
65.0	59,500*											65.0	59,500*										
70.0	59,500*											70.0	59,500*										
75.0	57,600*	78.7	59,500*									75.0	57,600*										
80.0	54,300*	80.0	59,500*									80.0	54,300*										
85.0	51,300*	85.0	59,500*									85.0	51,300*	85.3	59,500*								
90.0	48,600*	90.0	56,800*									90.0	48,600*	90.0	56,800*								
95.0	46,000*	95.0	53,800*									95.0	46,000*	95.0	53,800*								
100.0	43,600*	100.0	50,900*									100.0	43,600*	100.0	50,900*								
110.0	39,500*	110.0	45,700*	111.5	45,600							110.0	39,500*	110.0	45,700*	111.5	45,400						
120.0	35,900*	120.0	41,300*	120.0	41,500							120.0	35,900*	120.0	41,300*	120.0	41,500						
130.0	32,700*	130.0	37,400*	130.0	37,500	137.7	31,500					130.0	32,700*	130.0	37,400*	130.0	37,300	137.7	31,300				
		140.0	34,100*	140.0	34,000	140.0	30,800					140.0	30,000*	140.0	34,100*	140.0	33,900	140.0	30,600				
		150.0	31,100*	150.0	31,100	150.0	28,000	157.4	23,500			144.3	28,800*	150.0	31,300*	150.0	30,900	150.0	27,900				
		157.4	29,100*	160.0	28,500	160.0	25,700	160.0	23,000					160.0	28,600*	160.0	28,500	160.0	25,600	164.0	22,000		
				170.0	26,300	170.0	23,700	170.0	21,200					164.0	27,500*	170.0	26,100	170.0	23,400	170.0	21,000		
				170.6	26,200	180.0	22,000	180.0	19,500	183.7	16,300					180.0	24,200	180.0	21,700	180.0	19,300		
						190.0	20,300	190.0	18,100	190.0	15,400					183.7	23,500	190.0	20,100	190.0	17,800	190.2	15,200
						190.2	20,200	200.0	16,700	200.0	14,200							196.8	19,100	200.0	16,500	200.0	14,000
								203.4	16,300	210.0	13,200									209.9	15,200	210.0	13,000
										216.5	12,500											220.0	11,900
																						229.6	11,000
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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

190' Boom																							
150 ft Jib												160 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
59.0	54,000*											59.0	49,100*										
60.0	53,900*											60.0	49,000*										
65.0	53,400*											65.0	48,500*										
70.0	52,900*											70.0	48,000*										
75.0	52,400*											75.0	47,500*										
80.0	51,800*											80.0	47,000*										
85.0	50,900*	85.3	53,500*									85.0	46,500*										
90.0	48,400*	90.0	53,000*									90.0	46,000*	91.8	48,200*								
95.0	45,800*	95.0	51,600*									95.0	44,500*	95.0	47,900*								
100.0	43,400*	100.0	49,400*									100.0	42,500*	100.0	47,300*								
110.0	39,300*	110.0	44,300*	118.1	41,800							110.0	38,400*	110.0	44,300*	118.1	41,800						
120.0	35,800*	120.0	40,300*	120.0	41,000							120.0	35,100*	120.0	40,000*	120.0	41,000						
130.0	32,700*	130.0	36,700*	130.0	36,800							130.0	32,200*	130.0	36,500*	130.0	37,000						
140.0	29,900*	140.0	33,500*	140.0	33,500	144.3	29,300					140.0	29,600*	140.0	33,300*	140.0	33,600						
150.0	27,500*	150.0	30,800*	150.0	30,600	150.0	27,900					150.0	27,300*	150.0	30,600*	150.0	30,600	150.9	27,300				
157.4	25,700*	160.0	28,200*	160.0	28,000	160.0	25,600					160.0	25,000*	160.0	28,200*	160.0	28,000	160.0	25,200				
		170.0	26,100*	170.0	25,900	170.0	23,400	170.6	20,500			164.0	24,200*	170.0	25,900*	170.0	25,900	170.0	23,200	177.1	19,400		
		170.6	26,000*	180.0	23,800	180.0	21,700	180.0	18,900					180.0	23,800*	180.0	23,900	180.0	21,300	180.0	18,900		
				190.0	22,000	190.0	20,100	190.0	17,400	196.8	14,300			183.7	23,100*	190.0	22,300	190.0	19,800	190.0	17,400		
				190.2	22,000	200.0	18,700	200.0	16,100	200.0	13,900					196.8	21,100	200.0	18,300	200.0	16,100	203.4	13,000
						203.4	18,200	210.0	14,700	210.0	12,700							210.0	17,100	210.0	14,700	210.0	12,300
								220.0	13,700	220.0	11,700							216.5	16,300	220.0	13,700	220.0	11,300
								223.0	13,400	230.0	10,900									229.6	12,700	230.0	10,500
										236.2	10,300											240.0	9,600
																						249.3	9,000
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

190' Boom																							
170 ft Jib												180 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
65.6	44,000*											65.6	40,100*										
70.0	43,600*											70.0	39,600*										
75.0	43,100*											75.0	39,100*										
80.0	42,600*											80.0	38,600*										
85.0	42,100*											85.0	38,100*										
90.0	41,600*											90.0	37,600*										
95.0	41,100*	98.4	42,500*									95.0	37,100*	98.4	39,200*								
100.0	40,600*	100.0	42,000*									100.0	36,600*	100.0	39,000*								
110.0	38,400*	110.0	38,800*									110.0	35,400*	110.0	37,200*								
120.0	35,300*	120.0	35,800*	124.6	34,800*							120.0	33,000*	120.0	34,500*								
130.0	32,500*	130.0	33,100*	130.0	33,400*							130.0	30,400*	130.0	31,800*	131.2	31,900*						
140.0	29,700*	140.0	30,400*	140.0	30,700*							140.0	28,400*	140.0	29,500*	140.0	29,900*						
150.0	27,100*	150.0	27,900*	150.0	28,400*	157.4	25,100					150.0	26,600*	150.0	27,500*	150.0	27,700*	157.4	24,900				
160.0	24,400*	160.0	25,400*	160.0	26,000*	160.0	24,600					160.0	24,800*	160.0	25,400*	160.0	25,600*	160.0	24,400				
170.0	21,900*	170.0	23,000*	170.0	23,900*	170.0	22,600					170.0	22,200*	170.0	23,200*	170.0	23,600*	170.0	22,300				
177.1	20,200*	180.0	20,900*	180.0	21,600*	180.0	20,600	183.7	17,400			180.0	18,800*	180.0	21,200*	180.0	21,600*	180.0	20,600				
		190.0	18,700*	190.0	19,600*	190.0	19,200	190.0	16,500			183.7	17,600*	190.0	19,200*	190.0	19,800*	190.0	19,000				
		190.2	18,700*	200.0	17,600*	200.0	17,800	200.0	15,200	209.9	11,400			200.0	17,200*	200.0	17,900*	200.0	17,600	190.2	16,300		
				209.9	15,800*	210.0	16,500	210.0	13,800	210.0	11,400			203.4	16,500*	210.0	16,300*	210.0	16,300	200.0	15,000		
						220.0	14,800*	220.0	12,800	220.0	10,400					216.5	15,200*	220.0	15,100*	210.0	13,600	216.5	10,500
						223.0	14,300*	230.0	11,800	230.0	9,600							230.0	13,600*	230.0	11,600	230.0	9,400
								240.0	10,900	240.0	8,700							236.2	12,500*	240.0	10,700	240.0	8,500
								242.7	10,800	250.0	8,100									249.3	9,900	250.0	7,800
										255.9	7,700											260.0	7,200
																						269.0	6,600
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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

190' 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)
72.1	36,100*											72.1	32,800*										
75.0	35,900*											75.0	32,600*										
80.0	35,600*											80.0	32,300*										
85.0	35,200*											85.0	31,900*										
90.0	34,900*											90.0	31,600*										
95.0	34,600*											95.0	31,300*										
100.0	34,100*	104.9	35,200*									100.0	30,800*	104.9	31,700*								
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*	131.2	29,700*							130.0	25,100*	130.0	26,000*	137.7	25,500*						
140.0	25,800*	140.0	26,800*	140.0	27,700*							140.0	23,400*	140.0	24,300*	140.0	25,200*						
150.0	24,100*	150.0	25,000*	150.0	25,900*							150.0	21,900*	150.0	22,600*	150.0	23,500*						
160.0	22,500*	160.0	23,300*	160.0	24,000*	164.0	23,100					160.0	20,600*	160.0	21,200*	160.0	21,900*						
170.0	20,000*	170.0	21,900*	170.0	22,500*	170.0	21,900					170.0	18,000*	170.0	19,900*	170.0	20,300*	170.6	20,900*				
180.0	16,400*	180.0	20,500*	180.0	20,600*	180.0	20,200					180.0	14,400*	180.0	18,600*	180.0	19,200*	180.0	19,500*				
190.0	13,300*	190.0	18,700*	190.0	19,000*	190.0	18,500	196.8	14,900			190.0	11,100*	190.0	17,600*	190.0	18,100*	190.0	18,100*				
196.8	11,200*	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*	203.4	13,600		
		209.9	14,100*	210.0	15,800*	210.0	15,800	210.0	13,200			203.4	7,200*	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	223.0	9,400			220.0	9,100*	220.0	13,900*	220.0	14,000*	220.0	11,700	229.6	8,500
				229.6	12,500*	230.0	13,100*	230.0	11,200	230.0	8,700			223.0	8,100*	230.0	12,500*	230.0	12,700*	230.0	10,700	230.0	8,500
						240.0	11,600*	240.0	10,300	240.0	8,100					236.2	11,400*	240.0	11,300*	240.0	9,900	240.0	7,600
						242.7	11,200*	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							255.9	9,200*	260.0	8,300	260.0	6,300
								262.4	8,500	270.0	6,100									269.0	7,700	269.0	5,700
								275.5	5,700														
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

CK2750G-2

Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
45.9	77,100*											45.9	59,500*										
46.0	77,000*											46.0	59,500*										
48.0	74,700*											48.0	59,500*										
50.0	72,500*											50.0	59,500*										
55.0	67,200*											55.0	59,500*										
60.0	62,400*											60.0	59,200*										
65.0	58,200*											65.0	57,700*										
70.0	54,600*	72.1	64,800*									70.0	54,400*										
75.0	51,300*	75.0	62,400*									75.0	51,100*	78.7	56,800*								
80.0	48,200*	80.0	58,300*									80.0	48,000*	80.0	56,000*								
85.0	45,500*	85.0	54,400*									85.0	45,300*	85.0	52,600*								
90.0	43,000*	90.0	51,200*									90.0	42,800*	90.0	49,600*								
95.0	40,700*	95.0	48,200*	98.4	54,000							95.0	40,500*	95.0	46,800*								
100.0	38,600*	100.0	45,500*	100.0	53,000							100.0	38,400*	100.0	44,200*	104.9	49,300						
110.0	34,700*	110.0	40,600*	110.0	46,900							110.0	34,700*	110.0	39,600*	110.0	46,500						
111.5	34,100*	120.0	36,400*	120.0	41,900	124.6	36,100					118.1	31,900*	120.0	35,700*	120.0	41,600	124.6	36,100				
		124.6	34,600*	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	144.3	26,800					137.7	30,200*	140.0	34,100	140.0	31,000				
				144.3	33,000	150.0	28,400	150.0	25,500							150.0	31,100	150.0	28,400	150.9	24,600		
						160.0	26,000	160.0	23,300							150.9	30,800	160.0	26,000	160.0	22,800		
						164.0	25,100	170.0	21,400	170.6	18,700							170.0	23,900	170.0	21,000	177.1	17,400
								177.1	20,200	180.0	17,200							170.6	23,800	180.0	19,400	180.0	17,000
										190.0	15,700									190.0	17,900	190.0	15,600
										196.8	14,900									190.2	17,800	200.0	14,400
																					203.4	14,100	
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)
52.4	59,500*											52.4	59,500*										
55.0	59,500*											55.0	59,500*										
60.0	59,200*											60.0	59,200*										
65.0	57,700*											65.0	57,500*										
70.0	54,200*											70.0	54,000*										
75.0	50,900*	78.7	56,600*									75.0	50,700*										
80.0	48,000*	80.0	55,800*									80.0	47,800*										
85.0	45,300*	85.0	52,400*									85.0	45,100*	85.3	52,000*								
90.0	42,800*	90.0	49,400*									90.0	42,600*	90.0	49,100*								
95.0	40,500*	95.0	46,500*									95.0	40,200*	95.0	46,300*								
100.0	38,300*	100.0	44,000*	104.9	48,900							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*	111.5	44,900						
120.0	31,300*	120.0	35,700*	120.0	41,200							120.0	31,300*	120.0	35,600*	120.0	40,900						
130.0	28,500*	130.0	32,300*	130.0	37,200	131.2	33,500					130.0	28,500*	130.0	32,300*	130.0	36,800	137.7	31,000				
131.2	28,200*	140.0	29,600*	140.0	33,700	140.0	30,800					137.7	26,400*	140.0	29,300*	140.0	33,500	140.0	30,400				
		144.3	28,400*	150.0	30,800	150.0	28,000	157.4	23,100					150.0	26,800*	150.0	30,600	150.0	27,700				
				160.0	28,200	160.0	25,700	160.0	22,600					157.4	25,100*	160.0	28,000	160.0	25,400	164.0	21,300		
				164.0	27,300	170.0	23,700	170.0	20,600							170.0	25,700	170.0	23,400	170.0	20,300		
						177.1	22,400	180.0	19,100	183.7	16,000					170.6	25,500	180.0	21,500	180.0	18,700		
								190.0	17,600	190.0	15,200							190.0	20,100	190.0	17,200	190.2	14,700
								196.8	16,700	200.0	14,000							190.2	20,000	200.0	15,800	200.0	13,500
										209.9	13,000									203.4	15,400	210.0	12,500
																					220.0	11,500	
																					223.0	11,200	
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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full Counterweights (200,650 lbs) - Carbody weights (60,240 lbs)

200' Boom																							
140 ft Jib												150 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
59.0	57,000*											59.0	52,000*										
60.0	57,000*											60.0	51,900*										
65.0	56,600*											65.0	51,400*										
70.0	53,800*											70.0	50,900*										
75.0	50,700*											75.0	49,500*										
80.0	47,700*											80.0	47,300*										
85.0	44,900*	85.3	51,800*									85.0	44,600*										
90.0	42,500*	90.0	49,100*									90.0	42,300*	91.8	47,600*								
95.0	40,200*	95.0	46,300*									95.0	40,000*	95.0	46,000*								
100.0	38,200*	100.0	43,700*									100.0	37,900*	100.0	43,500*								
110.0	34,500*	110.0	39,400*	111.5	44,700							110.0	34,300*	110.0	39,200*	118.1	41,200						
120.0	31,300*	120.0	35,500*	120.0	40,800							120.0	31,100*	120.0	35,200*	120.0	40,400						
130.0	28,500*	130.0	32,300*	130.0	36,800							130.0	28,300*	130.0	32,100*	130.0	36,300						
140.0	26,100*	140.0	29,400*	140.0	33,200	144.3	29,100					140.0	25,900*	140.0	29,200*	140.0	32,800						
150.0	23,800*	150.0	26,900*	150.0	30,400	150.0	27,500					150.0	23,700*	150.0	26,800*	150.0	30,000	150.9	26,800				
150.9	23,500*	160.0	24,700*	160.0	27,800	160.0	25,200					157.4	22,200*	160.0	24,600*	160.0	27,600	160.0	24,800				
		164.0	23,800*	170.0	25,600	170.0	23,200	170.6	20,000					170.0	22,600*	170.0	25,200	170.0	22,800	177.1	18,200		
				180.0	23,600	180.0	21,500	180.0	18,400					177.1	21,100*	180.0	23,400	180.0	21,100	180.0	17,900		
				183.7	22,900	190.0	19,800	190.0	17,000	196.8	13,600					190.0	21,600	190.0	19,400	190.0	16,300		
						196.8	18,900	200.0	15,600	200.0	13,300					190.2	21,600	200.0	18,000	200.0	15,100	203.4	12,300
								210.0	14,300	210.0	12,300							210.0	16,900	210.0	13,800	210.0	11,600
								216.5	13,600	220.0	11,300									220.0	12,800	220.0	10,700
										229.6	10,300									223.0	12,500	230.0	9,800
																					240.0	9,200	
																					242.7	9,000	
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

200' Boom																								
160 ft Jib												170 ft Jib												
Boom Angle (deg.)												Boom Angle (deg.)												
88		83		78		73		68		63		88		83		78		73		68		63		
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	
65.6	46,700*											65.6	42,700*											
70.0	46,200*											70.0	42,300*											
75.0	45,700*											75.0	41,800*											
80.0	45,000*											80.0	41,300*											
85.0	43,500*											85.0	40,800*											
90.0	41,200*	91.8	46,700*									90.0	39,200*											
95.0	39,000*	95.0	45,400*									95.0	37,400*	98.4	41,000*									
100.0	37,100*	100.0	43,300*									100.0	35,600*	100.0	40,400*									
110.0	33,500*	110.0	38,900*									110.0	32,400*	110.0	36,700*									
120.0	30,500*	120.0	35,000*	124.6	38,500							120.0	29,500*	120.0	33,300*	124.6	34,300*							
130.0	27,800*	130.0	31,800*	130.0	36,400							130.0	27,100*	130.0	30,300*	130.0	32,900*							
140.0	25,700*	140.0	29,100*	140.0	33,000							140.0	25,100*	140.0	27,900*	140.0	30,300*							
150.0	23,500*	150.0	26,600*	150.0	30,200	150.9	26,600					150.0	23,100*	150.0	25,500*	150.0	27,900*	157.4	24,400					
160.0	21,600*	160.0	24,400*	160.0	27,600	160.0	24,500					160.0	21,300*	160.0	23,500*	160.0	25,700*	160.0	23,800					
164.0	20,900*	170.0	22,300*	170.0	25,200	170.0	22,500					170.0	20,100*	170.0	21,700*	170.0	23,500*	170.0	21,900					
		180.0	20,600*	180.0	23,200*	180.0	20,700	183.7	17,400			177.1	18,900*	180.0	20,100*	180.0	21,400*	180.0	20,000	183.7	16,500			
		183.7	20,000*	190.0	21,400*	190.0	19,200	190.0	16,500					190.0	18,500*	190.0	19,400*	190.0	18,500	190.0	15,600			
				200.0	19,700*	200.0	17,800	200.0	15,200	209.9	11,200			196.8	16,900*	200.0	17,500*	200.0	17,200	200.0	14,300			
				203.4	19,100*	210.0	16,500	210.0	13,800	210.0	11,200					209.9	15,600*	210.0	15,800	210.0	13,000	216.5	9,700	
						216.5	15,800	220.0	12,800	220.0	10,400							220.0	14,600	220.0	11,900	220.0	9,400	
								230.0	11,800	230.0	9,400							229.6	13,000*	230.0	11,000	230.0	8,500	
								236.2	11,400	240.0	8,700									240.0	10,200	240.0	7,900	
										249.3	8,100										242.7	9,900	250.0	7,200
																						260.0	6,500	
																						262.4	6,300	
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 88-89.

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Luffing Boom/Jib - SPECIFICATIONS

Luffing Jib Lift Capacities

Full 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)
65.6	39,000*																						
70.0	38,500*											72.1	35,000*										
75.0	38,000*											75.0	34,800*										
80.0	37,500*											80.0	34,500*										
85.0	37,000*											85.0	34,100*										
90.0	36,500*											90.0	33,800*										
95.0	35,600*	98.4	38,100*									95.0	33,500*										
100.0	34,300*	100.0	37,700*									100.0	32,800*	104.9	34,100*								
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*	131.2	31,000*							130.0	25,600*	130.0	27,500*	137.7	28,200*						
140.0	24,500*	140.0	26,600*	140.0	29,000*							140.0	23,800*	140.0	25,300*	140.0	27,700*						
150.0	22,600*	150.0	24,600*	150.0	26,800*							150.0	22,200*	150.0	23,700*	150.0	25,700*						
160.0	21,000*	160.0	22,700*	160.0	24,800*	164.0	22,700					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*	170.6	21,100				
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				
183.7	15,800*	190.0	18,300*	190.0	19,200*	190.0	18,300	190.2	15,200			190.0	11,700*	190.0	18,100*	190.0	18,700*	190.0	17,900	196.8	13,800		
		200.0	16,200*	200.0	17,300*	200.0	16,900	200.0	14,100			196.8	9,700*	200.0	15,400*	200.0	17,100*	200.0	16,500	200.0	13,500		
		203.4	15,600*	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	14,500	220.0	11,700	223.0	9,000			216.5	10,500*	220.0	13,900*	220.0	14,000	220.0	11,300	229.6	7,900
				223.0	13,600*	230.0	13,300*	230.0	10,700	230.0	8,300					229.6	12,300*	230.0	12,700*	230.0	10,300	230.0	7,900
						236.2	12,300*	240.0	9,900	240.0	7,600							240.0	11,300*	240.0	9,500	240.0	7,200
								250.0	9,200	250.0	7,000							249.3	10,100*	250.0	8,700	250.0	6,300
								255.9	8,800	260.0	6,300									260.0	8,100	255.9	6,100
								269.0	5,700											262.4	7,900		
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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)												
72.1	31,900*																						
75.0	31,700*																						
80.0	31,400*																						
85.0	31,100*																						
90.0	30,700*																						
95.0	30,400*																						
100.0	30,000*	104.9	31,000*																				
110.0	28,900*	110.0	30,200*																				
120.0	26,700*	120.0	28,000*																				
130.0	24,900*	130.0	26,000*	137.7	25,500*																		
140.0	23,200*	140.0	24,100*	140.0	25,100*																		
150.0	21,700*	150.0	22,600*	150.0	23,300*																		
160.0	19,800*	160.0	21,000*	160.0	21,700*																		
170.0	16,300*	170.0	19,700*	170.0	20,300*	170.6	20,500*																
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	203.4	12,700														
203.4	6,100*	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														
		223.0	7,000*	230.0	12,200*	230.0	12,200*	230.0	10,100	236.2	7,000												
				240.0	9,100*	240.0	10,900*	240.0	9,000	240.0	6,800												
				242.7	8,100*	250.0	9,800*	250.0	8,300	249.3	6,100												
						255.9	9,000*	260.0	7,600														
								269.0	7,000														
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2												

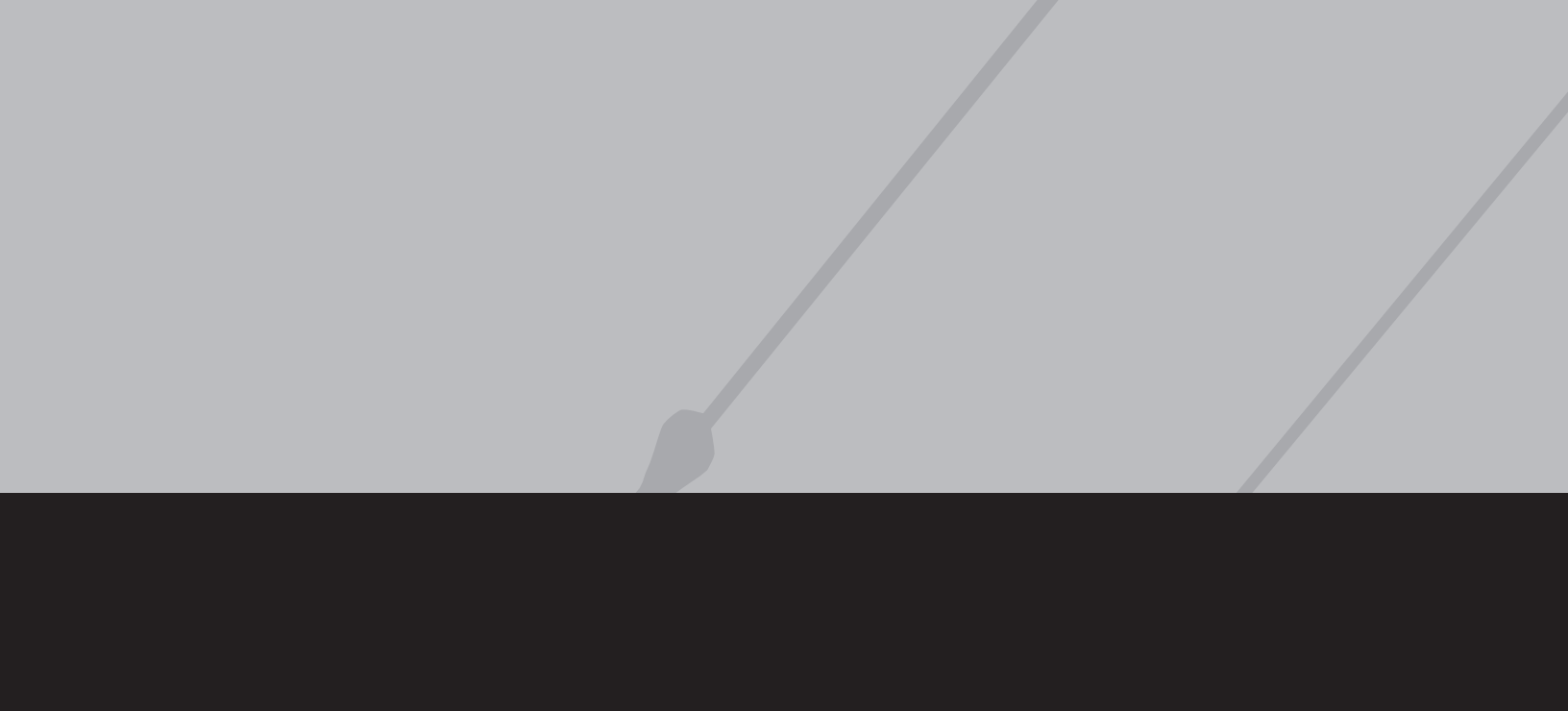
Refer to notes on page 88-89.

NOTES

[illegible]

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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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KOBELCO CONSTRUCTION MACHINERY CO., LTD.

Inquiries To:

17-1, Higashigotanda 2-chome, Shinagawa-ku, Tokyo 141-8626 JAPAN

Tel: +81-3-5789-2130 Fax: +81-3-5789-3372

URL: <http://www.kobelcocm-global.com/>

KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

10845 Train Court, Houston, Texas 77041, USA

Tel: +1-713-856-5755 Fax: +1-713-856-9072

URL: <http://www.kobelcocranesnorthamerica.com/>