

Hydraulic Crawler Crane



Max. Lifting Capacity - Crane: 275 US Tons

Max. Crane Boom Length: 300 ft

Max. Fixed Jib Combination: 250 ft + 100 ft

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

Max. Luffing Jib Length: 200 ft



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General Description



Type Crawler mounted, Lattice boom, Hydraulic controlled Maximum lift capacity 550,000 lbs (249,479 kg) @ 15' operating radius (50' boom)

Basic boom length 50′ (15.2 m) Maximum boom length 300′ (91.4 m)

 $\begin{array}{ll} \textit{Basic boom \& fixed jib length} & 90' + 40' \, (27.4 \text{ m} + 12.2 \text{ m}) \\ \textit{Maximum boom \& fixed jib length} & 250' + 100' \, (76.2 \text{ m} + 30.5 \text{ m}) \\ \textit{Working weight} & \textit{Approx. } 485,155 \text{ lbs } (220,100 \text{ kg}) \end{array}$

Ground bearing pressure Approx. 14.9 psi (102.8 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' 4" (2.53 m)
Height over gantry (raised)	18' 2" (5.53 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" (0.43 m)

Working Speed

Hoist line speed (front and rear drums)

360 to 10 ft/min (110 to 3 m/min)

Lowering line speed (front and rear drums)

360 to 10 ft/min (110 to 3 m/min)

Boom hoist line speed

72 to 6.6 ft/min x 2 (22 to 2 m/min x 2)

Boom lowering line speed

72 to 6.6 ft/min x 2 (22 to 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

ISUZU 6UZ1 (Tier 4 Final)

No. of cylinders 6

Bore X stroke $120 \text{ mm} \times 145 \text{ mm}$

Cycles 4

Total displacement 600 cu.in. (9.839 L)

Rated output SAE GROSS

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

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

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

Starter 24 Volts / 5.5 kW Alternator 24 Volts / 90 Amp

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

Radiator Corrugated type core, thermostatically controlled, with cleanout screen.

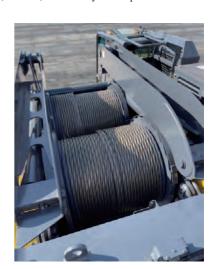
Throttle Twist grip type hand throttle, electrically controlled, in conjunction with floor mounted pedal.

Air cleaner Dry type with replaceable paper element.

Fuel tank capacity 106 US gal. (400 L)

Lube oil filters Full flow and by-pass type with element cartridge type.

Fuel filter Replaceable cartridge element.





Self Lifting Device - Standard Equipment

Counterweight and Carbody weight

 $\begin{array}{ll} \textit{Counterweight Base} & 1 \times 34,260 \text{ lbs } (15,540 \text{ kg}) \\ \textit{Counterweight } (\textit{R}) & 7 \times 11,885 \text{ lbs } (5,390 \text{ kg}) \\ \textit{Counterweight } (\textit{L}) & 7 \times 11,885 \text{ lbs } (5,390 \text{ kg}) \\ \textit{Total Counterweight} & 200,650 \text{ lbs } (91,000 \text{ kg}) \\ \end{array}$

Carbody weight base $2 \times 18,235 \text{ lbs } (8,270 \text{ kg})$ Carbody weight $2 \times 11,885 \text{ lbs } (5,390 \text{ kg})$ Total Carbody weight 60,240 lbs (27,320 kg)



Hydraulic system

Maximum pressure rating 4,626 psi (31.9 MPa)

Cooling

Oil to air heat exchanger

Filtration

Full flow filters with replaceable paper elements

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

Hydraulic pumps:

Load hoist and propel

2 piston pumps, max flow rate 69.5 US gal/min x 2 (263.2 L/min x 2)

Boom hoist

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

Swing

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

Control system and auxiliary

2 gear pumps, max flow rate

16.5 US gal/min + 10.8 US gal (62.5 L/min + 41.2 L/min)

Brake cooling system

2 gear pumps, max flow rate

19.7 US gal/min x 2 (74.7 L/min x 2)

Live Mast

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

Operator's cab

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

Controls

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

Swing:

Swing unit

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

Swing brake

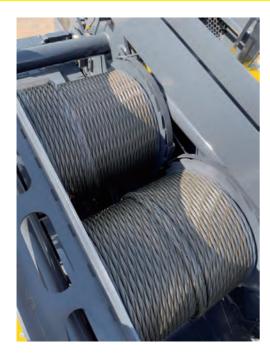
Spring set hydraulically released multiple disk brake mounted on swing motor.

Swing circle

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

Manual, 4 position lock for transportation.

CK2750G-3 SPECIFICATIONS



Free fall function (optional) :

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

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

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 (non free fall) -

Max. line pull (single line) - 57,100 lbf (254 kN) Rated line pull - 29,500 lbf (132 kN)

618 mm P.C.D. x 864 mm Lg., grooved for 26 mm wire rope. Rope capacity is 1,509′ (460 m) working length and 1,679′ (511.8 m) storage length.

Rear drum (non free fall) -

Max. line pull (single line) - 57,100 lbf (254kN) Rated line pull - 29,500 lbf (132 kN)

618 mm P.C.D. x 864 mm Lg., grooved for 26 mm wire rope. Rope capacity is 1,280′ (390 m) working length and 1,679′ (511.8 m) storage length.

Third drum (optional) -

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



Crane Attachments

Boom:

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

Maximum boom length300' (76.2 m)Basic boom length50' (15.2 m)Boom base section25' (7.6 m)Boom tip section25' (7.6 m)

Boom insert (optional):

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

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

Fixed jib (optional):

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

Maximum jib length100' (30.5 m)Basic jib length40' (12.2 m)Jib base section15' (4.6 m)Jib tip section15' (4.6 m)

Jib insert 10' (3.0 m), 20' (6.1 m)



Auxiliary sheave (optional):

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

Maximum line: 2 parts of 26 mm wire rope.

Boom hoist reeving:

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

Boom backstops:

Telescopic type with spring bumper

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

Engine oil pressure
Air cleaner
Engine oil filter
Control main pressure
Hydraulic oil temperature

Others:

Air conditioner / heater Drum turn indicator (front / rear) Foot pedal / throttle / boom hoist Electric fuel tank transfer pump Counterweight self-removal device

KCROSS (Telematics)

Anemometer Translifters

Live Mast - Useable for crane self-assembly

USB port in cab Radio with Bluetooth® Cigar lighter socket -

12 V auxiliary power outlet - in cab

Safety Service

Function lock lever

Boom over hoist limit switch

Signal horn

Front / rear hoist drum lock

Swing Limiter (Buzzer, lamps, or stops)

Overload prevention device (LMI)

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

Boom angle indicator

Travel alarm

Boom hoist drum lock

Boom hoist camera and monitor

Safety Service (cont)

Boom hoist drum lock

Swing locks, anti drift, and mechanical

Boom backstops

Boom catwalks w / fall protection

Upper machinery step, handrails and ladder

Tools and Accessories

A set of tools and manuals are furnished.

Optional Equipment

Third drum

Hook block

Hook ball

Auxiliary sheave

Fixed jib

Luffing jib

Boom inserts

Free fall winches

CK2750G-3 G-MODE

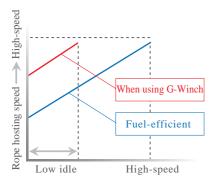
The G-Modes are a standard exclusive energy and fuel saving system. The G-Mode eliminates needless operations and engine functions allowing for reduced fuel consumption by using three basic modes that are all operator selectable.

Auto Idling Stop Mode (AIS): An Industry First

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

G-Winch Mode: An Industry First

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



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

G-Engine Mode:

An Industry First

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









G-Winch

G-Engine

AIS



SCR System

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

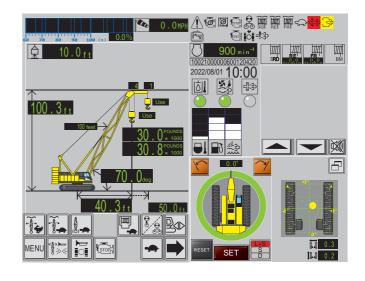
This system requires the use of low sulfur diesel.

*Warning: High sulfur diesel will damage the engine.

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

Limiter

Self check Mode



Hydraulic oil temperature lamp Exhaust system cooling call lamp

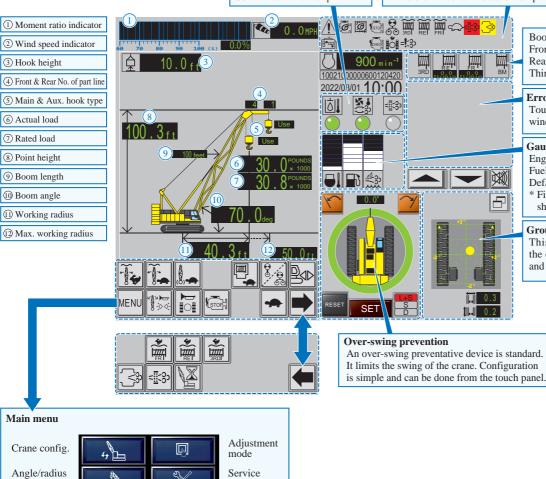
SCR Refresh Error Lamp

Engine warning lamp G-Engine indication lamp G-Winch indication lamp Auto Idle stop indication lamp Confluence indication lamp Front drum free fall indication lamp Rear drum free fall indication lamp

Third drum free fall indication lamp

Display lamp

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



mode

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

Error message

Touch to display details in a pop-up window.

Gauges

Engine coolant temperature gauge Fuel bar gauge

Def/adblue® bar gauge

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

Ground incline indicator (optional)

This device is to detect inclination of the crane against the ground to indicate and issue warning.

CK2750G-3 WINCH PERFORMANCE DATA

Note:

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

Line speed and line pull based on single line.

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

Front & Rear Drum (free fall) (optional)

Wire Rope Diameter = See spec in chart below Rated Line Pull = 29,700 lbf (132 kN) Maximum Line Pull = 56,700 lbf (252 kN) Total Storage Capacity = 1,679 ft (511.8 m)

			Line	speed (ft /	min)			
	Layer	1	2	3	4	5	6	7
	0	361	387	413	438	464		
	5,000	361	387	413	440	463		
	10,000	361	387	413	440	463		
	15,000	361	387	413	440	463		
T : D 11	20,000	300	300	300	300	300		
Line Pull (lbf)	25,000	240	240	240	240	240	storage only	storage only
(101)	29,700	202	202	202	203	203	Ollry	Ollry
	35,000	174	174	174	175	158		
	40,000	166	152	134	117	107		
	45,000	123	105	95				
	50,000	90						
Storage Ca	pacity (ft)	197	212	226	240	254	268	282

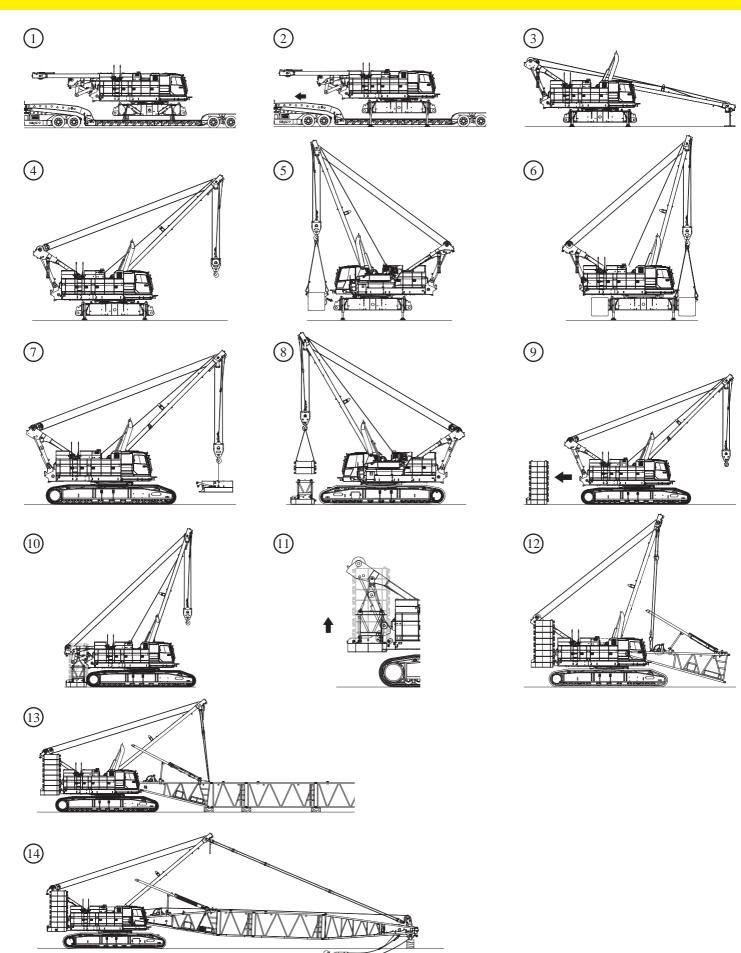
Third Drum (for Load hoist)

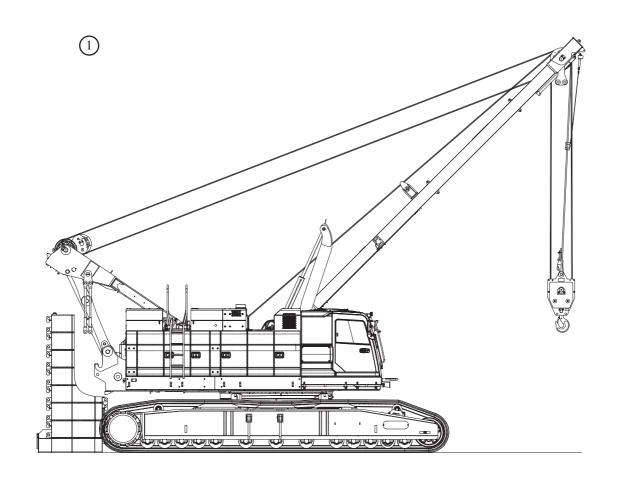
Wire Rope Diameter = See spec in chart below Rated Line Pull = 20,000 lbf (88 kN) Maximum Line Pull = 35,600 lbf (158 kN) Total Storage Capacity = 912 ft (277.9 m)

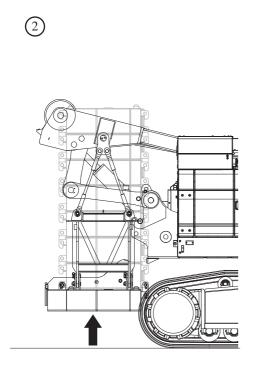
	Line speed (ft / min)							
	Layer	1	2	3	4	5	6	7
	0	177	192	206	220	235		
	5,000	178	192	206	220	234		
	10,000	176	189	203	217	231		
Line Pull	15,000	174	187	201	214	227	storage	storage
(lbf)	20,000	172	185	198	198	191	only	only
	25,000	158	152	153	154	153		
	30,000	128	128	126				
	35,000	108					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

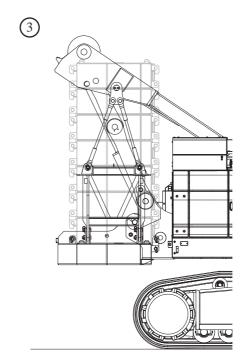
Wire Rope Specifications

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









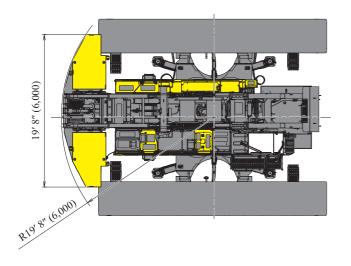
Crane Boom

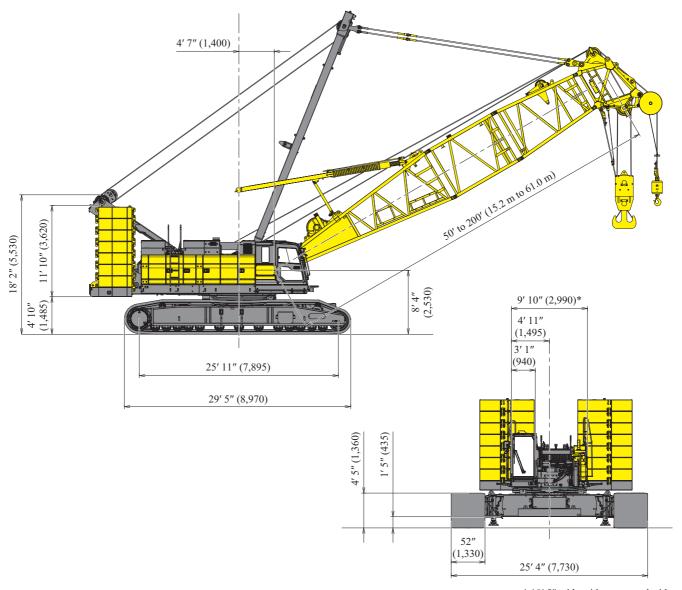
Unit: ft (mm) 19' 8" (6,000) R19, 8" (6,000) 4' 7" (1,400) 11' 10" (3,620) 18' 2" (5,530) 8' 4" (2,530) 9′ 10″ (2,990)* 4' 10" (1,485) 4' 11" (1,495)3′ 1″ (940) 25' 11" (7,895) 29′ 5″ (8,970) 4' 5" (1,360) 1' 5" (435) 52" (1,330) 25′ 4″ (7,730)

^{* 10′ 5″} wide with step on cab side only. 11′ wide with step on both sides.

Crane with Luffing Boom Tip

Unit: ft (mm)





* 10′ 5″ wide with step on cab side only. 11′ wide with step on both sides.

CK2750G-3 CRANE - DIMENSIONS & WEIGHT

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

Base Machine - 1

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

 Gantry
 O

 Mast
 O

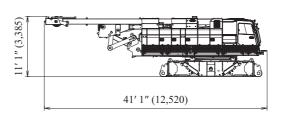
 Wire rope Front
 O

 Rear
 O

 Boom
 O

 Step
 O

 Translifter
 O





O: With

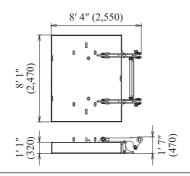
X: Without

* 10′ 5″ wide with step on cab side only. 11′ wide with step on both sides.

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

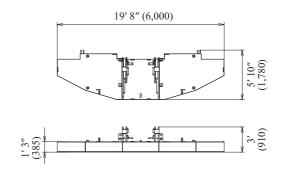
Carbody Weight (Base) (with link)

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



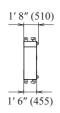
Counterweight Base (with hanger)

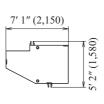
Weight: 34,260 lbs (15,540 kg)



Left Side Counterweight

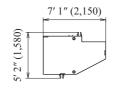
Weight: 11,885 lbs (5,390 kg)





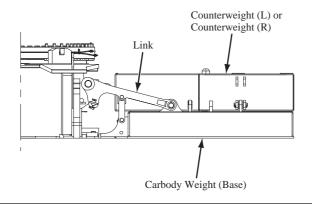
Right Side Counterweight

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

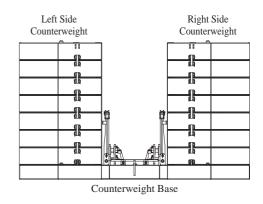




Carbody Weight Assembly



Counterweight Assembly



CK2750G-3 CRANE - DIMENSIONS & WEIGHT

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

Crawler

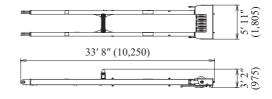
Weight: 53,230 lbs (24,145 kg)

29' 5" (8,970)



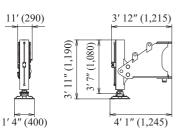
Mast

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



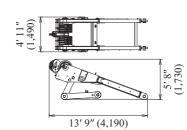
Translifter

Weight: 860 lbs (390 kg)



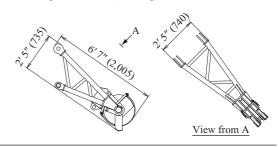
Gantry

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



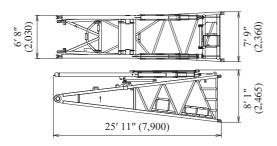
Auxiliary Sheave

Weight: 610 lbs (290 kg)



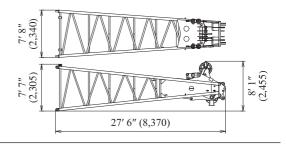
Boom Base (with backstop)

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



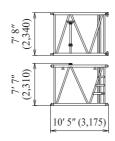
Boom Tip

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



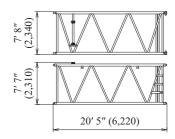
10 ft (3.0 m) Boom Insert (with guy line)

Weight: 1,965 lbs (890 kg)



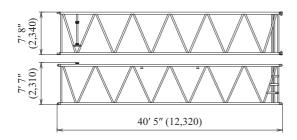
20 ft (6.1 m) Boom Insert (with guy line)

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



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

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

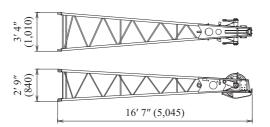


CK2750G-3 CRANE - DIMENSIONS & WEIGHT

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

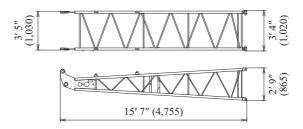
Fixed Jib Tip

Weight: 720 lbs (325 kg)



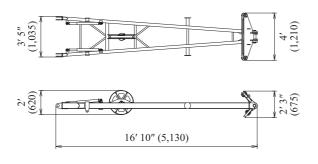
Fixed Jib Base

Weight: 465 lbs (210 kg)



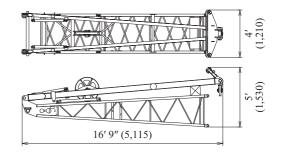
Fixed Jib Strut

Weight: 805 lbs (365 kg)



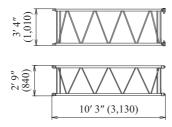
Fixed Jib Base and Strut

Weight: 1,270 lbs (575 kg)



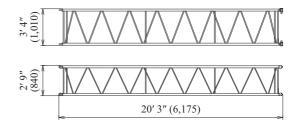
10 ft (3.0 m) Fixed Jib Insert

Weight: 245 lbs (110 kg)



20 ft (6.1 m) Fixed Jib Insert

Weight: 420 lbs (190 kg)



Shipping plan for 250 ft Boom and 100' Fixed Jib

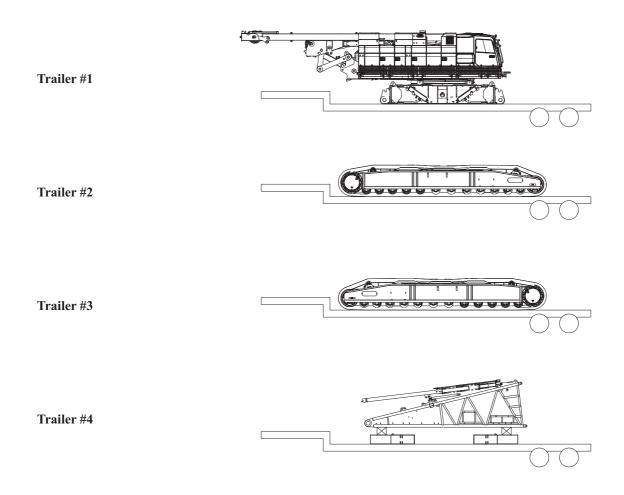
Refer to pages 13-15

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

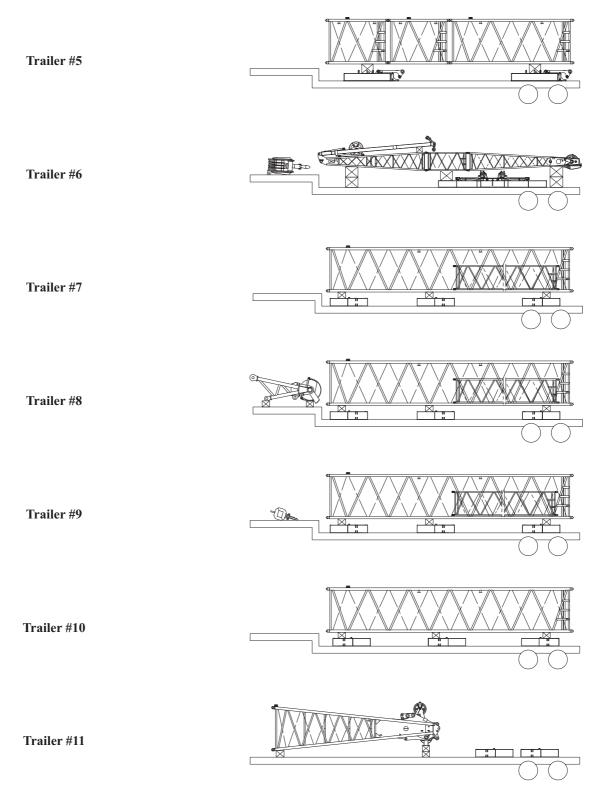
^{*} Third drum is not included. Add 5,100 lbs to boom base if third drum is installed.

Loads for transportation were targeted at 45,000 lbs, 8' 6" wide, 48' long and 13' 6" high from ground, 48' step deck. This may vary depending on truck/trailer weight, style of trailer and state law.

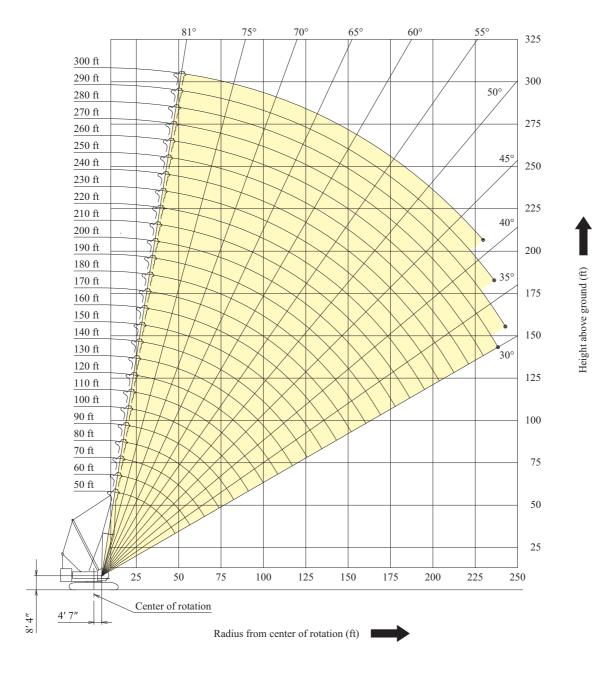
* Add 2,030 lbs with Free Fall.

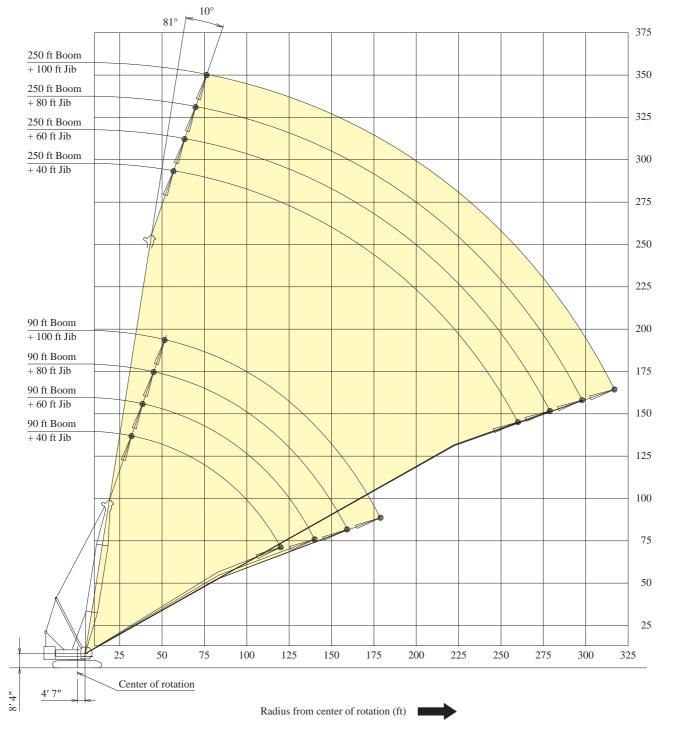


Refer to pages 13-15

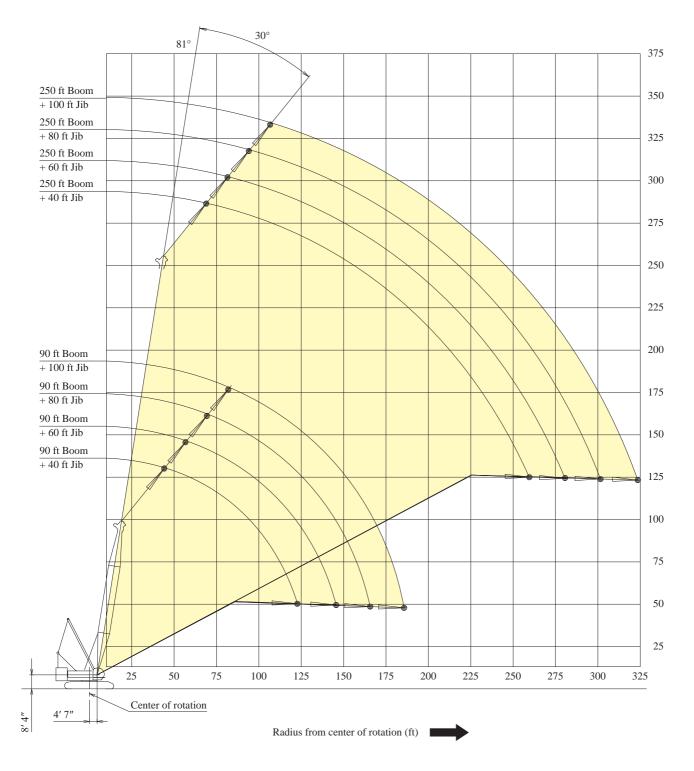


Main Boom





Fixed Jib 30°



Height above ground (ft)

Standard Boom Arrangement

Boom length : ft (m)	Boom arrangement
50 (15.2)	<u>B</u> T →
60 (18.3)	
70 (21.3)	
80 (24.4)	★ ■ 10 20 T → 20
90 (27.4)	*
100 (30.5)	
110 (33.5)	* E 10 10 20 20 T
120 (36.6)	★ ■ 10 20 40 T
130 (39.6)	*
140 (42.7)	※
150 (45.7)	Image: square property of the
160 (48.8)	★ ■ 10 20 40 40 T
170 (51.8)	B 10 10 20 40 40 T E 20 20 40 40 T E 40 40 40 T

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

Boom length : ft (m)	Boom arrangement
180 (54.9)	** B 10 20 20 40 40 T B 10 40 40 T
190 (57.9)	Is 10 10 20 20 40 40 T Is 20 40 40 40 T
200 (61.0)	★ ■ 10 20 40 40 10 1
210 (64.0)	** <
220 (67.1)	Image: Second control of the contr
230 (70.1)	** <
240 (73.2)	★ ■ 10 20 40 40 40 1 1 → 1 → 1 → 1 → 1 → 1 → 1 → 1 → 1 →
250 (76.2)	8 10 10 20 40 40 40 1 B 20 20 40 40 40 40 1 B 40 40 40 40 1
260 (79.3)	Image: Second control of the contr
270 (82.3)	Image: Second control of the contr
280 (85.3)	
290 (88.4)	Image: Second content of the
300 (91.4)	8 10 20 20 40 40 40 40 T

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

 $[\]divideontimes$ mark shows the standard crane boom arrangement which enables each boom length of less than that boom length to be configured.

Crane with Luffing Boom Tip Arrangement

Boom length : ft (m)	Boom arrangement
50 (15.2)	<u>■1:10</u> T
60 (18.3)	★ ■ 10 10 T T T T T T T T T T T T T T T T T
70 (21.3)	— В10 20 Т 1178
80 (24.4)	★ ■ 10 10 20
90 (27.4)	Ж <u>В10 20 20 Т178</u> Т <u>1178</u> Т 1178 Т
100 (30.5)	
110 (33.5)	★ ■ 10 20 40 178 T
120 (36.6)	★ ■ 10 10 20 40 1178 T ■ 20 20 40 1178 T ■ 40 40 1178 T ■ 40 40 1178 T
130 (39.6)	★ ■10 20 20 40 1176 T ■10 40 40 1776 T 11.76 T
140 (42.7)	## B10 10 20 20 40 T1178 T B10 10 40 40 40 T B 20 40 40 178 T

Boom length : ft (m)	Boom arrangement
150 (45.7)	Ж <u>В10 20 40 40 Т178</u>) Т
160 (48.8)	★ B10 10 20 40 40 1170 T B 20 20 40 40 1176 T B 40 40 40 1176 T T 1176 T B 40 40 40 1176 T
170 (51.8)	★ ■ 10 20 20 40 40 17
180 (54.9)	★ ★
190 (57.9)	
200 (61.0)	№ B 10 10 20 40 40 40 11.78 T B 20 20 40 40 40 11.78 T

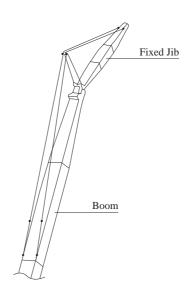
^{**} mark shows the standard luffing boom arrangement which enables each boom length of less than that boom length to be configured.

Symbol	Boom Length	Remarks
В	25 ft (7.6 m)	Boom Base
	3 ft 3 in (1.0 m)	Luffing Boom Tip
11.7B	11 ft 10 in (3.6 m)	Taper Boom Insert
10	10 ft (3.0 m)	Boom Insert
20	20 ft (6.1 m)	Boom Insert
40	40 ft (12.2 m)	Boom Insert

Fixed Jib Arrangement

Crane boom length	Jib length : ft (m)	Jib arrangement
90 ft	40 (12.2)	B 10 T
(27.4 m)	60 (18.3)	B 10 20 T
250 ft	80 (24.4)	B 10 20 20 T
(76.2 m)	100 (30.5)	B 10 20 20 T

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



Boom and Fixed Jib

- Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or derate rated loads to allow for adverse conditions (such as soft or uneven ground, out-oflevel 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.
- 3. The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.
- The crane must be leveled to within 1% on a firm supporting surface.
- Boom backstops are required for all boom length.
- Gantry must be fully raised position for all operations.
- · Counterweights and carbody weights are fully installed.
- 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.
- 7. When lifting over boom point with jib or auxiliary sheave, rated loads for the boom must be deducted as shown below.

Aux, Sheave for Crane Boom & Luffing Boom

Aux. Sheuve joi C	rune boom & Lujjing boom
Deductions (Lbs)	700

Fixed Jib

2 111011 010				
Jib length (ft)	40	60	80	100
Deductions (Lbs)	7,055	8,010	8,965	9,920

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

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

Main Boom Hoist Loads

No. of Parts of line	1	2	3	4	5
Maximum Loads (lbs)	29,700	59,500	89,200	119,000	148,800
No. of Parts of line	6	7	8	10	12
Maximum Loads (lbs)	178,500	208,300	238,000	297,600	352,700
No. of Parts of line	14	16	18	20	22
Maximum Loads (lbs)	403,400	451,900	500,400	529,100	550,000

Maximum Load for Jib

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

Maximum Load Auxiliary Sheave

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

17. Weight of recommended hook block.

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

MARNING

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

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

Boom length	50 ft, 60 ft	70 ft	80 ft to 120 ft
Reduced amount (lbs)	0	100	200
Boom length	130 ft to 190 ft	200 ft to 260 ft	270 ft to 300 ft
Reduced amount (lbs)	300	400	500

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

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

Main Boom Lift Capacity

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

50) Booi	m 📒	60) Boo	m	70	Boo	m	80) Boo	m	90	Boo	m
Load	Boom	360°	Load	Boom	360	Load	Boom	360	Load	Boom	360	Load	Boom	360
Radius	Angle	Rated Load	Padius	Angle	Rated Load	Radius	Angle	Rated Load	Radius	Angle	Rated Load	Radius	Angle	Rated Load
(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(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 28.0	66.3	325,300 *	28.0 30.0	68.4	302,900 *	32.0 34.0	68.1 66.3	265,000 *	36.0 38.0	67.9	229,000	36.0 38.0	70.5	226,500
30.0	63.7 61.1	303,500 * 283,400 *	32.0	66.3 64.2	282,700 * 265,700 *	36.0	64.5	247,300 229,300	40.0	66.3 64.7	211,100 195,000	40.0	69.1 67.7	210,100 195,000
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
1 6 1	6.7		57.4	30.0	117,900	65.9	30.0	97,600	0.00	12	-32-10352	80.0	33.9	75,200
	11		1000	62	0.00	1000	1,000	100				83.3	30.0	71,200
Ree	ves	22	Ree	ves	18	Ree	ves	16	Ree	ves	14	Ree	ves	14
10	0' Boo	m	11	0' Boo	m	12	0' Boo	m	13	0' Boo	m 📒	14	0' Boo	m
Load	Boom	200		-										
Prolitical	LOUGHI	360	Load	Boom	360	Load	Boom	360"	Load	Boom	360	Load	Boom	360
Padius	Angle	Rated Load	Radius	Angle	Rated Load	Radius	Angle	Pated Load	Padius	Angle	Pated Load	Padius	Angle	Pated Load
(ft)										100 mm			The second second	
(ft) 23.2	Angle (deg.) 80.0	Rated Load (lbs) 339,900 *	Radius (ft) 25.2	Angle (deg.) 80.0	Rated Load (lbs) 317,000 *	Radius (ft) 26.9	Angle (deg.) 80.0	Rated Load (lbs) 280,600 *	Radius (ft) 28.5	Angle (deg.) 80.0	Rated Load (lbs) 255,000 *	Radius (ft) 30.1	Angle (deg.)	Rated Load (lbs) 236,300 *
(ft) 23.2 24.0	Angle (deg.) 80.0 79.6	Pated Load (lbs) 339,900 * 334,800 *	Radius (ft) 25.2 26.0	Angle (deg.) 80.0 79.5	Rated Load (lbs) 317,000 * 313,000 *	Radius (ft) 26.9 28.0	Angle (deg.) 80.0 79.4	Pated Load (lbs) 280,600 * 277,400 *	Padius (ft) 28.5 30.0	Angle (deg.) 80.0 79.4	Pated Load (lbs) 255,000 * 250,700 *	Radius (ft) 30.1 32.0	Angle (deg.) 80.0 79.3	Pated Load (lbs) 236,300 * 231,100 *
(ft) 23.2 24.0 26.0	Angle (deg.) 80.0 79.6 78.4	Rated Load (lbs) 339,900 * 334,800 * 320,500 *	Radius (ft) 25.2 26.0 28.0	Angle (deg.) 80.0 79.5 78.4	Rated Load (lbs) 317,000 * 313,000 * 295,100 *	Padius (ft) 26.9 28.0 30.0	Angle (deg.) 80.0 79.4 78.4	Pated Load (lbs) 280,600 * 277,400 * 268,700 *	Padius (ft) 28.5 30.0 32.0	Angle (deg.) 80.0 79.4 78.5	Pated Load (lbs) 255,000 * 250,700 * 240,700 *	78 Padius (ft) 30.1 32.0 34.0	Angle (deg.) 80.0 79.3 78.5	Pated Load (lbs) 236,300 * 231,100 * 221,600 *
23.2 24.0 26.0 28.0	Angle (deg.) 80.0 79.6 78.4 77.3	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 *	25.2 26.0 28.0 30.0	Angle (deg.) 80.0 79.5 78.4 77.4	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 *	26.9 28.0 30.0 32.0	Angle (deg.) 80.0 79.4 78.4 77.5	Pated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 *	28.5 30.0 32.0 34.0	Angle (deg.) 80.0 79.4 78.5 77.5	Pated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 *	784.0 30.1 32.0 34.0 36.0	Angle (deg.) 80.0 79.3 78.5 77.6	Pated Load (lbs) 236,300 * 231,100 * 221,600 * 209,600 *
(ft) 23.2 24.0 26.0 28.0 30.0	Angle (deg.) 80.0 79.6 78.4 77.3 76.1	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 276,100 *	Radius (ft) 25.2 26.0 28.0 30.0 32.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 *	Radius (ft) 26.9 28.0 30.0 32.0 34.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5	Pated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300	Radius (ft) 28.5 30.0 32.0 34.0 36.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6	Pated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 *	Radius (ft) 30.1 32.0 34.0 36.0 38.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8	Pated Load (lbs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 *
(ft) 23.2 24.0 26.0 28.0 30.0 32.0	80.0 79.6 78.4 77.3 76.1 74.9	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 276,100 * 260,000 *	25.2 26.0 28.0 30.0 32.0 34.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 * 240,400	26.9 28.0 30.0 32.0 34.0 36.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5 75.5	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 221,500	Radius (ft) 28.5 30.0 32.0 34.0 36.0 38.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7	Pated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 * 202,500 *	30.1 32.0 34.0 36.0 38.0 40.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9	Pated Load (lbs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400
(ft) 23.2 24.0 26.0 28.0 30.0	Angle (deg.) 80.0 79.6 78.4 77.3 76.1 74.9 73.7	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 276,100 * 260,000 * 243,500	25.2 26.0 28.0 30.0 32.0 34.0 36.0	80.0 79.5 78.4 77.4 76.3 75.2 74.1	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 *	Radius (ft) 26.9 28.0 30.0 32.0 34.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5 75.5 74.5	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 221,500 207,600	Radius (ft) 28.5 30.0 32.0 34.0 36.0 38.0 40.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7 74.8	Pated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 *	Radius (ft) 30.1 32.0 34.0 36.0 38.0 40.0 42.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9 75.1	Pated Load (/bs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400 177,000
(ft) 23.2 24.0 26.0 28.0 30.0 32.0 34.0	80.0 79.6 78.4 77.3 76.1 74.9	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 276,100 * 260,000 *	25.2 26.0 28.0 30.0 32.0 34.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 * 240,400 224,700	26.9 28.0 30.0 32.0 34.0 36.0 38.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5 75.5	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 221,500	Radius (ft) 28.5 30.0 32.0 34.0 36.0 38.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7	Pated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 * 202,500 * 190,200	30.1 32.0 34.0 36.0 38.0 40.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9	Pated Load (lbs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400
(ft) 23.2 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0	80.0 79.6 78.4 77.3 76.1 74.9 73.7 72.5 71.3 70.1	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 260,000 * 243,500 210,000 194,800	Radius (ft) 25.2 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2 74.1 73.1 72.0 70.8	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 * 240,400 224,700 209,100 194,600 182,500	Padius (ft) 26.9 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5 75.5 74.5 73.5 72.5 71.5	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 221,500 207,600 194,400 182,300 170,300	Padius (ft) 28.5 30.0 32.0 34.0 36.0 38.0 40.0 44.0 44.0 46.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7 74.8 73.9 73.0 72.0	Pated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 * 202,500 * 190,200 179,600 168,900 158,400	Radius (ft) 30.1 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9 75.1 74.2 73.4 72.5	Pated Load (lbs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400 177,000 167,700 158,400 150,100
(ft) 23.2 24.0 26.0 28.0 30.0 32.0 34.0 36.0 40.0 42.0	Angle (deg.) 80.0 79.6 78.4 77.3 76.1 74.9 73.7 72.5 71.3 70.1 68.8	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 260,000 * 243,500 210,000 194,800 182,800	Padius (ft) 25.2 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2 74.1 73.1 72.0 70.8 69.7	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 257,300 * 240,400 224,700 209,100 194,600 182,500 170,500	Padius (ft) 26.9 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0	Angle (deg.) 80.0 79.4 77.5 76.5 75.5 74.5 72.5 71.5 70.5	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 221,500 207,600 194,400 182,300 170,300 158,400	Padius (ft) 28.5 30.0 32.0 34.0 36.0 38.0 40.0 44.0 46.0 48.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7 74.8 73.9 73.0 72.0 71.1	Rated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 * 202,500 * 190,200 179,600 168,900 158,400 150,100	Radius (ft) 30.1 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 50.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9 75.1 74.2 73.4 72.5 71.6	Pated Load (/bs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400 177,000 167,700 158,400 150,100 141,700
(ft) 23.2 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0	Angle (deg.) 80.0 79.6 78.4 77.3 76.1 74.9 73.7 72.5 71.3 70.1 68.8 67.6	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 276,100 * 260,000 * 243,500 210,000 194,800 170,700	Padius (ft) 25.2 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 44.0 46.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2 74.1 72.0 70.8 69.7 68.6	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 * 240,400 224,700 209,100 194,600 182,500 170,500 158,600	Padius (ft) 26.9 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5 75.5 74.5 72.5 71.5 70.5 69.5	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 221,500 207,600 194,400 182,300 170,300 158,400 150,200	Padius (ft) 28.5 30.0 32.0 34.0 36.0 38.0 40.0 44.0 46.0 48.0 50.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7 74.8 73.9 73.0 72.0 71.1 70.2	Rated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 * 202,500 * 190,200 179,600 168,900 150,100 141,900	Radius (ft) 30.1 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 50.0 55.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9 75.1 74.2 73.4 72.5 71.6 69.5	Pated Load (/bs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400 177,000 167,700 158,400 150,100 141,700 123,800
(ft) 23.2 24.0 26.0 28.0 30.0 32.0 34.0 36.0 40.0 42.0 44.0 46.0	Angle (deg.) 80.0 79.6 78.4 77.3 76.1 74.9 73.7 72.5 71.3 70.1 68.8 67.6 66.3	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 276,100 * 260,000 * 243,500 210,000 194,800 170,700 158,800	Padius (ft) 25.2 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 48.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2 74.1 72.0 70.8 69.7 68.6 67.5	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 * 240,400 224,700 209,100 194,600 182,500 170,500 158,600 150,400	Radius (ft) 26.9 28.0 30.0 32.0 34.0 36.0 40.0 44.0 46.0 48.0 50.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5 75.5 74.5 72.5 71.5 70.5 69.5 68.4	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 221,500 207,600 194,400 182,300 170,300 158,400 150,200	Padius (ft) 28.5 30.0 32.0 34.0 36.0 38.0 40.0 44.0 44.0 50.0 55.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7 74.8 73.0 72.0 71.1 70.2 67.8	Pated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 * 202,500 * 190,200 179,600 168,900 150,100 141,900 124,000	Radius (ft) 30.1 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 50.0 55.0 60.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9 75.1 74.2 73.4 72.5 71.6 69.5 67.3	Pated Load (/bs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400 177,000 167,700 158,400 150,100 141,700 123,800 109,600
(ft) 23.2 24.0 26.0 28.0 30.0 32.0 34.0 36.0 40.0 42.0 44.0 46.0 48.0	Angle (deg.) 80.0 79.6 78.4 77.3 76.1 74.9 73.7 72.5 71.3 70.1 68.8 67.6 66.3 65.1	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 276,100 * 260,000 * 243,500 210,000 194,800 170,700 158,800 150,600	Padius (ft) 25.2 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 48.0 50.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2 74.1 73.1 72.0 70.8 69.7 68.6 67.5 66.3	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 * 240,400 224,700 209,100 194,600 182,500 170,500 150,400 142,100	Radius (ft) 26.9 28.0 30.0 32.0 34.0 36.0 40.0 42.0 44.0 48.0 50.0 55.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5 75.5 74.5 72.5 71.5 70.5 69.5 68.4 65.8	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 221,500 207,600 194,400 182,300 170,300 158,400 150,200 142,000 124,200	Padius (ft) 28.5 30.0 32.0 34.0 36.0 38.0 40.0 44.0 46.0 55.0 60.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7 74.8 73.9 73.0 72.0 71.1 70.2 67.8 65.4	Pated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 * 202,500 * 190,200 179,600 158,400 150,100 141,900 124,000 109,600	Radius (ft) 30.1 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 50.0 55.0 60.0 65.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9 75.1 74.2 73.4 72.5 71.6 69.5 67.3 65.0	Pated Load (/bs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400 177,000 158,400 150,100 141,700 123,800 109,600 98,100
(ft) 23.2 24.0 26.0 28.0 30.0 32.0 34.0 36.0 40.0 44.0 44.0 46.0 48.0 50.0	Angle (deg.) 80.0 79.6 78.4 77.3 76.1 74.9 73.7 72.5 71.3 70.1 68.8 67.6 66.3 65.1 63.8	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 260,000 * 243,500 210,000 194,800 170,700 158,800 150,600 142,300	Padius (ft) 25.2 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 50.0 55.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2 74.1 73.1 72.0 69.7 68.6 67.5 66.3 63.4	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 * 240,400 224,700 209,100 194,600 182,500 170,500 158,600 150,400 142,100 124,300	Radius (ft) 26.9 28.0 30.0 32.0 34.0 36.0 40.0 42.0 44.0 48.0 50.0 55.0 60.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5 75.5 74.5 72.5 70.5 69.5 68.4 65.8 63.2	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 207,600 194,400 182,300 170,300 158,400 150,200 142,000 124,200 109,800	Padius (ft) 28.5 30.0 32.0 34.0 36.0 40.0 44.0 46.0 48.0 55.0 60.0 65.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7 74.8 73.9 73.0 71.1 70.2 67.8 65.4 62.9	Pated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 * 202,500 * 190,200 179,600 168,900 158,400 150,100 141,900 124,000 198,100	Radius (ft) 30.1 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 60.0 65.0 70.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9 75.1 74.2 73.4 72.5 71.6 69.5 67.3 65.0 62.7	Pated Load (/bs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400 177,000 167,700 158,400 150,100 141,700 123,800 109,600 98,100 88,800
(ft) 23.2 24.0 26.0 28.0 30.0 32.0 34.0 36.0 40.0 42.0 44.0 46.0 48.0	Angle (deg.) 80.0 79.6 78.4 77.3 76.1 74.9 73.7 72.5 71.3 70.1 68.8 67.6 66.3 65.1	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 276,100 * 260,000 * 243,500 210,000 194,800 170,700 158,800 150,600	Padius (ft) 25.2 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 48.0 50.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2 74.1 73.1 72.0 70.8 69.7 68.6 67.5 66.3	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 * 240,400 224,700 209,100 194,600 182,500 170,500 150,400 142,100	Radius (ft) 26.9 28.0 30.0 32.0 34.0 36.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5 75.5 74.5 72.5 71.5 70.5 69.5 68.4 65.8	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 221,500 207,600 194,400 182,300 170,300 158,400 150,200 142,000 124,200	Padius (ft) 28.5 30.0 32.0 34.0 36.0 38.0 40.0 44.0 46.0 50.0 60.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7 74.8 73.9 73.0 72.0 71.1 70.2 67.8 65.4	Pated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 * 202,500 * 190,200 179,600 158,400 150,100 141,900 124,000 109,600	Radius (ft) 30.1 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 50.0 55.0 60.0 65.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9 75.1 74.2 73.4 72.5 71.6 69.5 67.3 65.0	Pated Load (/bs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400 177,000 158,400 150,100 141,700 123,800 109,600 98,100
(ft) 23.2 24.0 26.0 28.0 30.0 32.0 34.0 36.0 40.0 44.0 46.0 48.0 50.0 60.0 65.0	Angle (deg.) 80.0 79.6 78.4 77.3 76.1 74.9 73.7 72.5 71.3 70.1 68.8 67.6 66.3 65.1 63.8 60.5 57.1 53.6	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 260,000 * 243,500 210,000 194,800 170,700 158,800 170,700 150,600 142,300 124,600 110,400 99,000	Padius (ft) 25.2 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 44.0 46.0 48.0 55.0 60.0 65.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2 74.1 72.0 70.8 69.7 68.6 67.5 66.3 60.5 57.4 54.2	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 * 240,400 224,700 209,100 194,600 182,500 170,500 158,600 158,600 142,100 124,300 110,000 98,600 89,200	Radius (ft) 26.9 28.0 30.0 32.0 34.0 36.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5 74.5 73.5 72.5 71.5 69.5 69.4 65.8 63.2 60.4 57.6 54.7	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 207,600 194,400 182,300 170,300 150,200 142,000 124,200 109,800 98,400 89,100 81,200	Padius (ft) 28.5 30.0 32.0 34.0 36.0 40.0 44.0 46.0 48.0 50.0 65.0 75.0 80.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7 74.8 73.9 73.0 72.0 71.1 70.2 67.8 65.4 62.9 60.4 57.8 55.2	Rated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 * 202,500 * 190,200 179,600 158,400 150,100 141,900 141,900 19,600 98,100 88,900 81,000 74,000	Padius (ft) 30.1 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 50.0 55.0 60.0 65.0 75.0 80.0 85.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9 75.1 74.2 73.4 72.5 71.6 69.5 67.3 65.0 62.7 60.4 58.0 55.5	Pated Load (/bs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400 177,000 153,400 150,100 141,700 123,800 109,600 98,100 88,800 80,800 73,900 68,000
(ft) 23.2 24.0 26.0 28.0 30.0 32.0 34.0 36.0 40.0 44.0 44.0 48.0 55.0 60.0 65.0 70.0	Angle (deg.) 80.0 79.6 78.4 77.3 76.1 74.9 73.7 72.5 71.3 70.1 68.8 67.6 66.3 65.1 63.8 60.5 57.1 53.6 49.9	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 260,000 * 243,500 210,000 194,800 170,700 158,800 170,700 142,300 142,300 124,600 110,400 99,000 89,800	Padius (ft) 25.2 26.0 28.0 30.0 32.0 36.0 36.0 40.0 44.0 46.0 48.0 55.0 60.0 75.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2 74.1 72.0 70.8 69.7 68.6 67.5 66.3 63.4 60.5 57.4 54.2 50.9	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 * 240,400 224,700 209,100 194,600 170,500 158,600 150,400 142,100 124,300 110,000 98,600 89,200 81,300	Radius (ft) 26.9 28.0 30.0 34.0 36.0 38.0 40.0 42.0 44.0 50.0 55.0 65.0 70.0 75.0 80.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5 74.5 73.5 72.5 71.5 69.5 69.5 63.2 60.4 57.6 54.7 51.7	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 207,600 194,400 182,300 170,300 158,400 150,200 142,000 124,200 109,800 98,400 89,100 81,200 74,300	Padius (ft) 28.5 30.0 32.0 34.0 36.0 40.0 44.0 48.0 50.0 65.0 60.0 75.0 80.0 85.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7 74.8 73.9 73.0 72.0 71.1 70.2 67.8 65.4 62.9 60.4 57.8 55.2 52.4	Rated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 * 202,500 * 190,200 179,600 168,900 150,100 141,900 124,000 109,600 98,100 88,900 81,000 74,000 68,000	Radius (ft) 30.1 32.0 34.0 36.0 38.0 40.0 42.0 46.0 48.0 50.0 60.0 65.0 60.0 75.0 80.0 85.0 90.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9 75.1 74.2 73.4 72.5 71.6 69.5 67.3 65.0 62.7 60.4 58.0 55.5 53.0	Rated Load (/bs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400 177,000 158,400 150,100 141,700 123,800 109,600 98,100 88,800 80,800 73,900 68,000 62,900
(ft) 23.2 24.0 26.0 28.0 30.0 32.0 34.0 36.0 40.0 44.0 44.0 48.0 55.0 65.0 70.0 75.0	Angle (deg.) 80.0 79.6 78.4 77.3 76.1 74.9 73.7 72.5 71.3 70.1 68.8 67.6 66.3 65.1 63.8 60.5 57.1 53.6 49.9 46.0	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 276,100 * 260,000 * 243,500 210,000 194,800 170,700 158,800 170,700 142,300 142,300 142,300 110,400 99,000 89,800 81,900	Padius (ft) 25.2 26.0 28.0 30.0 32.0 36.0 36.0 40.0 44.0 48.0 55.0 60.0 65.0 75.0 80.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2 74.1 73.1 72.0 70.8 69.7 68.6 67.5 66.3 63.4 60.5 57.4 54.2 50.9 47.4	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 * 240,400 224,700 209,100 194,600 170,500 158,600 150,400 142,100 142,100 144,300 110,000 98,600 89,200 81,300 74,500	Radius (ft) 26.9 28.0 30.0 34.0 36.0 38.0 40.0 44.0 46.0 55.0 60.0 65.0 70.0 75.0 85.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5 74.5 72.5 71.5 70.5 68.4 65.8 63.2 60.4 57.6 54.7 51.7 48.6	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 207,600 194,400 182,300 170,300 158,400 150,200 142,000 124,200 109,800 98,400 89,100 81,200 74,300 68,200	Padius (ft) 28.5 30.0 32.0 34.0 36.0 40.0 44.0 46.0 48.0 55.0 65.0 670.0 75.0 85.0 90.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7 74.8 73.9 73.0 72.0 71.1 70.2 67.8 65.4 62.9 60.4 57.8 55.2 52.4 49.5	Rated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 * 202,500 * 190,200 179,600 158,400 150,100 141,900 124,000 109,600 98,100 88,900 81,000 74,000 68,000 63,100	Radius (ft) 30.1 32.0 34.0 36.0 38.0 40.0 42.0 46.0 48.0 50.0 65.0 670.0 75.0 80.0 85.0 90.0 95.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9 75.1 74.2 73.4 72.5 71.6 69.5 67.3 65.0 62.7 60.4 58.0 55.5 53.0 50.3	Rated Load (/bs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400 177,000 158,400 150,100 141,700 123,800 109,600 98,100 88,800 80,800 73,900 68,000 62,900 58,400
(ft) 23.2 24.0 26.0 28.0 30.0 32.0 34.0 36.0 40.0 42.0 44.0 46.0 50.0 55.0 66.0 70.0 75.0 80.0	Angle (deg.) 80.0 79.6 78.4 77.3 76.1 74.9 73.7 72.5 71.3 70.1 68.8 67.6 66.3 65.1 63.8 60.5 57.1 53.6 49.9 46.0 41.8	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 276,100 * 260,000 * 243,500 210,000 194,800 170,700 158,800 170,700 142,300 142,300 110,400 99,000 89,800 81,900 75,000	Padius (ft) 25.2 26.0 28.0 30.0 32.0 36.0 40.0 44.0 48.0 55.0 65.0 70.0 75.0 85.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2 74.1 72.0 70.8 69.7 68.6 67.5 66.3 63.4 60.5 57.4 54.2 50.9 47.4 43.8	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 * 240,400 224,700 209,100 194,600 170,500 158,600 150,400 142,100 142,100 144,300 110,000 98,600 89,200 81,300 74,500 68,400	Radius (ft) 26.9 28.0 30.0 34.0 36.0 38.0 40.0 44.0 46.0 55.0 60.0 65.0 75.0 80.0 85.0 90.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5 74.5 72.5 71.5 70.5 68.4 65.8 63.2 60.4 57.6 54.7 48.6 45.3	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 221,500 207,600 194,400 182,300 170,300 158,400 150,200 142,000 142,000 199,800 98,400 89,100 81,200 74,300 68,200 63,300	Padius (ft) 28.5 30.0 32.0 34.0 36.0 40.0 44.0 46.0 48.0 55.0 65.0 670.0 75.0 85.0 90.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7 74.8 73.9 73.0 72.0 71.1 70.2 67.8 65.4 62.9 60.4 57.8 55.2 52.4 49.5	Rated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 * 202,500 * 190,200 179,600 158,400 150,100 141,900 124,000 109,600 98,100 88,900 81,000 74,000 68,000 63,100 58,500	Radius (ft) 30.1 32.0 34.0 36.0 38.0 40.0 42.0 46.0 48.0 50.0 65.0 70.0 85.0 90.0 95.0 100.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9 75.1 74.2 73.4 72.5 71.6 69.5 67.3 65.0 62.7 60.4 58.0 55.5 53.0 47.6	Rated Load (/bs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400 177,000 158,400 150,100 141,700 123,800 109,600 98,100 88,800 80,800 73,900 62,900 58,400 54,300
(ft) 23.2 24.0 26.0 28.0 30.0 32.0 34.0 36.0 42.0 44.0 44.0 46.0 55.0 65.0 70.0 75.0 80.0 85.0	Angle (deg.) 80.0 79.6 78.4 77.3 76.1 74.9 73.7 72.5 71.3 70.1 68.8 67.6 66.3 65.1 63.8 60.5 57.1 53.6 49.9 46.0 41.8 37.3	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 276,100 * 260,000 * 243,500 210,000 194,800 170,700 158,800 170,700 158,800 150,600 142,300 124,600 110,400 99,000 89,800 81,900 75,000 69,300	Radius (ft) 25.2 26.0 28.0 30.0 32.0 34.0 36.0 42.0 44.0 46.0 48.0 55.0 60.0 65.0 75.0 85.0 90.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2 74.1 72.0 70.8 69.7 68.6 67.5 66.3 63.4 60.5 57.4 54.2 50.9 47.4 43.8 39.7	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 * 240,400 224,700 209,100 194,600 182,500 170,500 158,600 150,400 142,100 124,300 110,000 98,600 89,200 81,300 74,500 68,400 63,500	Radius (ft) 26.9 28.0 30.0 32.0 34.0 36.0 38.0 40.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0	80.0 79.4 78.4 77.5 76.5 75.5 74.5 70.5 69.5 68.4 65.8 63.2 60.4 57.6 54.7 51.7 48.6 45.3 41.7	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 221,500 207,600 194,400 182,300 170,300 158,400 150,200 142,000 142,000 198,800 98,400 89,100 81,200 74,300 68,200 63,300 58,800	Radius (ft) 28.5 30.0 32.0 34.0 36.0 38.0 40.0 44.0 46.0 55.0 65.0 70.0 75.0 85.0 95.0 100.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7 74.8 73.0 72.0 71.1 70.2 67.8 65.4 62.9 60.4 57.8 55.2 52.4 49.5 43.4	Rated Load (lbs) 255,000 * 250,700 * 240,700 * 240,700 * 215,700 * 202,500 * 190,200 179,600 168,900 150,100 141,900 124,000 198,100 88,900 81,000 74,000 68,000 68,000 68,000 58,500 54,400	Radius (ft) 30.1 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 91.0 110.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9 75.1 74.2 73.4 72.5 71.6 69.5 67.3 65.0 62.7 60.4 58.0 55.5 53.0 50.3 47.6 41.7	Rated Load (/bs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400 177,000 167,700 158,400 141,700 123,800 109,600 98,100 88,800 80,800 73,900 68,000 68,000 68,000 58,400 54,300 47,500
(ft) 23.2 24.0 26.0 28.0 30.0 32.0 34.0 36.0 40.0 42.0 44.0 46.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	Angle (deg.) 80.0 79.6 78.4 77.3 76.1 74.9 73.7 72.5 71.3 70.1 68.8 67.6 66.3 65.1 63.8 60.5 57.1 53.6 49.9 46.0 41.8	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 276,100 * 260,000 * 243,500 210,000 194,800 170,700 158,800 170,700 142,300 142,300 110,400 99,000 89,800 81,900 75,000	Padius (ft) 25.2 26.0 28.0 30.0 32.0 36.0 40.0 44.0 48.0 55.0 65.0 70.0 75.0 85.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2 74.1 72.0 70.8 69.7 68.6 67.5 66.3 63.4 60.5 57.4 54.2 50.9 47.4 43.8	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 * 240,400 224,700 209,100 194,600 170,500 158,600 150,400 142,100 142,100 144,300 110,000 98,600 89,200 81,300 74,500 68,400	Radius (ft) 26.9 28.0 30.0 34.0 34.0 38.0 40.0 44.0 46.0 48.0 55.0 65.0 70.0 75.0 80.0 95.0 100.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5 74.5 72.5 71.5 70.5 68.4 65.8 63.2 60.4 57.6 54.7 48.6 45.3	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 221,500 207,600 194,400 182,300 170,300 158,400 150,200 142,000 142,000 199,800 98,400 89,100 81,200 74,300 68,200 63,300	Radius (ft) 28.5 30.0 32.0 34.0 36.0 38.0 40.0 44.0 46.0 55.0 65.0 70.0 75.0 80.0 90.0 91.0 110.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7 74.8 73.9 72.0 71.1 70.2 67.8 65.4 62.9 60.4 57.8 55.2 52.4 49.5 43.4 36.4	Rated Load (lbs) 255,000 * 250,700 * 240,700 * 228,900 * 215,700 * 202,500 * 190,200 179,600 158,400 150,100 141,900 124,000 109,600 98,100 88,900 81,000 74,000 68,000 63,100 58,500	Radius (ft) 30.1 32.0 34.0 36.0 38.0 40.0 42.0 46.0 48.0 50.0 65.0 70.0 85.0 90.0 95.0 100.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9 75.1 74.2 73.4 72.5 71.6 69.5 67.3 65.0 62.7 60.4 58.0 55.5 53.0 47.6	Rated Load (/bs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400 177,000 158,400 150,100 141,700 123,800 109,600 98,100 88,800 80,800 73,900 62,900 58,400 54,300
(ft) 23.2 24.0 26.0 28.0 30.0 32.0 34.0 36.0 40.0 44.0 44.0 50.0 55.0 60.0 77.0 80.0 85.0 90.0	Angle (deg.) 80.0 79.6 78.4 77.3 76.1 74.9 73.7 72.5 71.3 70.1 68.8 67.6 66.3 65.1 63.8 60.5 57.1 53.6 49.9 46.0 41.8 37.3 32.0	Rated Load (lbs) 339,900 * 334,800 * 320,500 * 298,000 * 276,100 * 260,000 * 243,500 210,000 194,800 170,700 158,800 170,700 158,800 150,600 142,300 124,600 110,400 99,000 89,800 81,900 75,000 69,300 64,200	Radius (ft) 25.2 26.0 28.0 30.0 32.0 36.0 38.0 40.0 44.0 48.0 55.0 60.0 65.0 70.0 70.0 85.0 90.0	Angle (deg.) 80.0 79.5 78.4 77.4 76.3 75.2 74.1 72.0 70.8 69.7 68.6 67.5 66.3 63.4 60.5 57.4 54.2 50.9 47.4 43.8 39.7 35.4	Rated Load (lbs) 317,000 * 313,000 * 295,100 * 276,100 * 257,300 * 240,400 224,700 209,100 194,600 182,500 170,500 158,600 150,400 142,100 124,300 110,000 98,600 89,200 81,300 74,500 68,400 63,500 59,000	Radius (ft) 26.9 28.0 30.0 32.0 34.0 36.0 38.0 40.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0	Angle (deg.) 80.0 79.4 78.4 77.5 76.5 75.5 74.5 70.5 69.5 68.4 65.8 63.2 60.4 57.6 51.7 48.6 45.3 41.7 38.0	Rated Load (lbs) 280,600 * 277,400 * 268,700 * 250,800 * 235,300 221,500 207,600 194,400 182,300 170,300 158,400 150,200 142,000 142,000 124,200 109,800 98,400 89,100 81,200 74,300 68,200 63,300 58,800 54,900	Radius (ft) 28.5 30.0 32.0 34.0 36.0 38.0 40.0 44.0 46.0 55.0 65.0 70.0 75.0 85.0 95.0 100.0	Angle (deg.) 80.0 79.4 78.5 77.5 76.6 75.7 74.8 73.0 72.0 71.1 70.2 67.8 65.4 62.9 60.4 57.8 55.2 52.4 49.5 43.4	Rated Load (lbs) 255,000 * 250,700 * 240,700 * 240,700 * 215,700 * 202,500 * 190,200 179,600 168,900 158,400 150,100 141,900 124,000 198,100 88,900 81,000 74,000 68,000 63,100 58,500 54,400 47,700	Padius (ft) 30.1 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 100.0 110.0	Angle (deg.) 80.0 79.3 78.5 77.6 76.8 75.9 75.1 74.2 73.4 72.5 71.6 69.5 67.3 65.0 62.7 60.4 58.0 55.5 53.0 50.3 41.7 35.0	Rated Load (/bs) 236,300 * 231,100 * 221,600 * 209,600 * 197,600 * 186,400 177,000 167,700 158,400 150,100 141,700 123,800 109,600 98,100 88,800 80,800 73,900 68,000 68,000 68,000 58,400 54,300 47,500 42,000

Note: Designed and rated to comply with ANSI Code B30.5

Main Boom Lift Capacity

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

Load Boom Radius Angle Rated Load Rodius Angle Rated Load (ft) (deg) (ft) (deg) (ft) (ft) (deg) (ft) (ft) (deg) (ft) (ft) (d	Load Radius (ft) 39.0 40.0 42.0 44.0 46.0 50.0 55.0 60.0 65.0 75.0 80.0 95.0 110.0 120.0 130.0 160.0 169.9	(deg.) 80.0 79.7 79.1 78.5 77.8 77.2 76.6 75.0 73.5 71.9 70.3 68.7 67.0 65.4 63.7 62.0 65.4 63.7 62.0 65.4 63.7 62.0 65.4 63.7 62.0 65.4 63.7 62.0 65.4 63.7 65.3 64.0 65.3 65.3 65.3 65.3 65.3 65.3	The second second
Redus Angle Rated Load (th) (deg) (th) (th) (deg) (th) (th) (deg) (th)	Radius (ft) 39.0 40.0 42.0 44.0 46.0 48.0 50.0 60.0 75.0 80.0 95.0 110.0 110.0 130.0 140.0 169.9	(deg.) 80.0 79.7 79.1 78.5 77.8 77.2 76.6 75.0 73.5 71.9 70.3 68.7 67.0 65.4 63.7 62.0 65.4 63.7 62.0 65.4 63.7 62.0 65.4 63.7 62.0 65.4 63.7 62.0 65.4 63.7 65.3 64.0 65.3 65.3 65.3 65.3 65.3 65.3	(lbs) 167,700 * 164,200 * 157,300 * 150,400 * 143,500 * 137,600 * 131,700 * 118,500 107,000 96,100 86,900 78,900 71,800 65,800 65,800 65,800 56,300 55,100 45,300 31,200 27,800
(ft) (deg.) (fts) (ft) (deg.) (fts) (ft) (deg.) (fts) (ft) (deg.) (fts) (fts) (deg.) (fts) (fts) (deg.) (fts) (deg.) (fts) (fts	39.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0 80.0 95.0 91.0 110.0 120.0 140.0 160.0 169.9	(deg.) 80.0 79.7 79.1 78.5 77.8 77.2 76.6 75.0 73.5 71.9 68.7 67.0 65.4 63.7 62.0 60.3 60.3 60.3 60.3 60.3 60.3 60.3 60	(lbs) 167,700 * 164,200 * 157,300 * 157,400 * 157,400 * 143,500 * 137,600 * 131,700 * 118,500 107,000 96,100 86,900 78,900 71,800 65,800 60,800 56,300 55,100 45,300 39,800 35,100 31,200 27,800
34.0 79.2 208,500 * 34.0 79.9 203,200 * 36.0 79.8 185,000 * 38.0 79.8 177,100 * 36.0 79.2 194,800 * 38.0 79.1 179,200 * 40.0 79.1 169,500 * 40.0 77.7 186,500 * 40.0 78.5 172,800 * 42.0 78.5 161,700 * 40.0 76.9 181,900 * 40.0 77.7 178,100 * 42.0 77.8 165,100 * 44.0 77.8 154,000 * 42.0 76.1 173,200 * 42.0 77.0 169,600 * 42.0 77.1 157,300 * 46.0 76.2 161,100 * 40.0 77.7 169,600 * 40.0 77.1 157,300 * 44.0 77.2 146,300 * 44.0 77.5 3 164,500 * 44.0 76.2 161,100 * 46.0 76.4 149,600 48.0 76.5 140,300 * 48.0 74.5 155,800 46.0 75.5 152,700 48.0 75.7 143,400 50.0 75.8 134,300 * 48.0 73.7 148,100 48.0 74.8 145,900 50.0 75.0 137,200 55.0 74.2 120,400 * 50.0 72.9 140,500 50.0 74.0 139,100 55.0 73.2 122,200 60.0 72.5 108,000 55.0 70.9 123,300 55.0 72.1 123,100 60.0 71.5 108,500 65.0 70.8 96,600 60.0 68.9 108,900 60.0 70.2 108,700 65.0 68.7 97,000 70.0 69.1 87,200 70.0 64.7 88,300 70.0 66.4 88,000 75.0 66.0 79,600 80.0 65.7 72,300 75.0 62.5 80,300 75.0 64.4 80,000 80.0 64.1 72,700 85.0 63.9 66,200 75.0 64.4 80,000 80.0 64.1 72,700 85.0 63.9 66,200 90.0 58.2 62,000 95.0 58.3 57,100 100.0 58.4 52,600 90.0 55.8 62,200 90.0 58.2 62,000 95.0 58.3 57,100 100.0 58.4 52,600 100.0 51.0 53,700 100.0 53.9 53,500 110.0 52.1 46,100 120.0 50.6 40,100 110.0 45.9 46,800 110.0 49.3 46,600 120.0 47.7 40,700 130.0 46.3 35,500 120.0 40.2 41,300 120.0 44.3 41,100 130.0 42.9 36,000 140.0 32.6 32,700 150.0 31.3 00 33.8 36,600 130.0 38.9 36,400 140.0 37.6 32,100 150.0 36.6 28,300 130.0 33.8 36,600 130.0 38.9 36,400 140.0 37.6 32,100 150.0 36.6 28,300 130.0 33.8 36,600 140.0 32.6 32,700 150.0 37.7 28,900 160.0 30.7 25,400 140.0 32.6 32,700 150.0 37.7 28,900 160.0 30.7 25,400 140.0 32.6 32,700 150.0 37.7 28,900 160.0 30.7 25,400 140.0 32.6 32,700 150.0 37.7 28,900 160.0 30.7 25,400 140.0 79.6 143,600 44.0 79.6 143,600 44.0 79.6 143,600 44.0 79.6 143,600 44.0 79.0 144,000 44.0 79.6 143,600 44.0 79.0 144,000 44.0 79.6 143,600 46.0 79.0 129,500 48.0 79.9 130,700 44.0 79.0 144,000 44.0 79.6 143,600 44.0 79.0 144,000 44.0 79.0 144,000 44.0 79.0 143,000 50.0	40.0 42.0 44.0 46.0 48.0 50.0 60.0 75.0 80.0 95.0 110.0 130.0 140.0 169.9	79.7 79.1 78.5 77.8 77.2 76.6 75.0 73.5 71.9 70.3 68.7 67.0 65.4 63.7 62.0 66.3 56.7 53.0 40.5 35.5	164,200 * 157,300 * 157,300 * 150,400 * 143,500 * 137,600 * 137,600 * 131,700 * 118,500 107,000 96,100 86,900 78,900 71,800 65,800 60,800 56,300 52,100 45,300 39,800 35,100 31,200 27,800
34.0 79.2 208,500 * 34.0 79.9 203,200 * 36.0 79.8 185,000 * 38.0 79.8 177,100 * 36.0 78.5 199,600 * 36.0 79.2 194,800 * 38.0 79.1 179,200 * 40.0 79.1 169,500 * 40.0 76.9 181,900 * 40.0 77.7 178,100 * 40.0 77.8 165,100 * 44.0 77.8 154,000 * 42.0 76.1 173,200 * 42.0 77.0 169,600 * 44.0 77.1 157,300 * 46.0 76.2 146,300 * 44.0 77.5 3 164,500 * 44.0 77.5 3 164,500 * 44.0 76.2 161,100 * 46.0 76.4 149,600 48.0 76.5 140,300 * 48.0 74.5 155,800 46.0 75.5 152,700 48.0 75.7 143,400 50.0 75.8 134,300 * 48.0 73.7 148,100 48.0 74.8 145,900 50.0 75.0 137,200 55.0 74.2 120,400 \$ 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 66.0 88.9 108,900 \$ 60.0 70.2 108,700 \$ 65.0 68.7 97,000 \$ 60.0 67.4 79,200 \$ 75.0 64.4 88,000 75.0 64.7 88,300 75.0 64.4 88,000 75.0 65.0 68.3 97,500 \$ 65.0 68.3 97,300 75.0 64.4 88,000 \$ 80.0 64.1 72,700 \$ 80.0 65.7 72,300 \$ 85.0 62.5 80,300 75.0 64.4 80,000 \$ 80.0 64.1 72,700 \$ 85.0 63.9 66,200 \$ 90.0 58.2 \$ 62,000 \$ 95.0 58.3 \$ 57,100 \$ 100.0 58.4 \$ 65,000 \$ 100.0 53.5 \$ 53.5 \$ 53.0 \$ 53.5 \$ 53.5 \$ 53.0 \$	40.0 42.0 44.0 46.0 48.0 50.0 60.0 75.0 80.0 95.0 110.0 130.0 140.0 169.9	79.7 79.1 78.5 77.8 77.2 76.6 75.0 73.5 71.9 70.3 68.7 67.0 65.4 63.7 62.0 66.3 56.7 53.0 40.5 35.5	164,200 * 157,300 * 157,300 * 150,400 * 143,500 * 137,600 * 137,600 * 131,700 * 118,500 107,000 96,100 86,900 78,900 71,800 65,800 60,800 56,300 52,100 45,300 39,800 35,100 31,200 27,800
38.0 77.7 190,800 * 38.0 78.5 186,500 * 40.0 78.5 172,800 * 42.0 78.5 161,700 * 42.0 76.1 173,200 * 42.0 77.7 178,100 * 42.0 77.8 165,100 * 44.0 77.8 154,000 * 42.0 77.5 169,800 * 44.0 77.1 157,300 * 46.0 77.2 146,300 44.0 75.3 164,500 * 44.0 76.2 161,100 * 46.0 76.4 149,600 48.0 76.5 140,300 46.0 74.5 155,800 46.0 75.5 152,700 48.0 75.7 143,400 50.0 75.8 134,300 50.0 73.7 148,100 48.0 73.7 148,100 48.0 74.8 145,900 50.0 75.0 137,200 55.0 74.2 120,400 50.0 75.0 37.2 122,200 60.0 72.5 108,000 55.0 70.9 123,300 55.0 72.1 123,100 60.0 71.5 108,500 65.0 66.8 97,500 66.0 60.0 6	44.0 46.0 48.0 50.0 65.0 70.0 75.0 85.0 90.0 95.0 110.0 120.0 140.0 150.0 169.9	78.5 77.8 77.2 76.6 75.0 73.5 71.9 70.3 68.7 67.0 65.4 62.0 65.4 62.0 65.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3	150,400 * 143,500 * 137,600 * 131,700 * 118,500 107,000 96,100 86,900 78,900 71,800 65,800 65,800 56,300 55,100 45,300 39,800 35,100 31,200 27,800
40.0 76.9 181,900 * 40.0 77.7 178,100 * 42.0 77.8 165,100 * 44.0 77.8 154,000 * 42.0 76.5 161,000 * 44.0 77.1 159,600 * 44.0 77.2 146,300 44.0 77.2 146,300 44.0 75.3 164,500 * 44.0 76.5 161,100 * 46.0 76.4 149,600 48.0 76.5 140,300 48.0 73.7 148,100 48.0 75.5 152,700 48.0 75.7 143,400 50.0 75.8 134,300 50.0 72.9 140,500 50.0 74.0 139,100 55.0 73.2 122,200 60.0 72.5 108,000 55.0 70.9 123,300 55.0 70.1 123,100 60.0 71.5 108,500 65.0 66.0 66.0 68.9 108,900 60.0 70.2 108,700 65.0 69.7 97,000 70.0 69.1 87,200 65.0 64.4 88,000 75.0 66.0 79,600 80.0 65.7 72,300 85.0 60.4 73,400 80.0 62.4 73,000 85.0 62.2 66,700 95.0 60.3 67,300 85.0 67,300 85.0 62.2 66,700 95.0 60.3 67,300 85.0 67,300 85.0 68.1 67,300 85.0 66.2 66.3 67,100 90.0 60.3 61,600 95.0 60.1 61,100 65.0 65.0 65.0 65.0 65.0 65.0 66.0 79,600 80.0 65.1 67,300 85.0 60.3 67,100 90.0 60.3 61,600 95.0 60.3 65,600 95.0 53.5 57,700 95.0 56.1 57,500 100.0 56.3 53,000 110.0 54.6 45,700 100.0 51.0 53,700 100.0 53.9 53,500 110.0 52.1 46,100 120.0 50.6 40,100 110.0 45.9 46,800 110.0 49.3 46,600 120.0 47.7 40,700 130.0 46.3 35,500 120.0 40.2 41,300 120.0 44.3 41,100 130.0 42.9 36,000 140.0 41.6 31,600 144.0 30.0 31,300 152.5 30.0 28,200 161.0 30.0 25,100 144.0 30.0 31,300 152.5 30.0 28,200 161.0 30.0 25,100 44.0 44.0 79.6 148,600 * 44.0 79.6 148,600 * 44.0 79.6 148,600 * 44.0 79.6 148,600 * 44.0 79.6 148,600 * 44.0 79.6 148,600 * 44.0 79.6 148,600 * 44.0 79.6 148,600 * 44.0 79.5 134,900 * 46.0 79.5 130,700 * 46.0 79.5 130,700 * 46.0 79.5 130,700 * 46.0 79.5 130,700 * 46.0 79	46.0 48.0 50.0 55.0 60.0 70.0 75.0 80.0 95.0 95.0 110.0 120.0 140.0 150.0 169.9	77.8 77.2 76.6 75.0 73.5 71.9 70.3 68.7 67.0 65.4 63.7 62.0 60.3 60.3 75.3 9 49.1 45.0 40.5 35.5	143,500 * 137,600 * 131,700 * 118,500 107,000 96,100 86,900 78,900 71,800 65,800 60,800 56,300 52,100 45,300 39,800 35,100 31,200 27,800
42.0 76.1 173,200 * 42.0 77.0 169,600 * 44.0 77.1 157,300 * 46.0 77.2 146,300 44.0 75.5 164,500 * 44.0 76.2 161,100 * 46.0 75.5 143,400 50.0 75.8 134,300 48.0 73.7 148,100 48.0 74.8 145,900 50.0 75.0 137,200 55.0 74.2 120,400 50.0 72.9 140,500 55.0 74.0 139,100 55.0 73.2 122,200 60.0 72.5 108,000 65.0 68.9 108,900 60.0 70.2 108,700 65.0 68.9 108,900 60.0 70.2 108,700 65.0 69.7 97,000 70.0 69.1 87,200 65.0 66.8 97,500 65.0 68.3 97,300 75.0 66.0 79,600 80.0 65.7 72,300 75.0 62.5 80,300 75.0 64.4 80,000 80.0 64.1 72,700 85.0 63.9 66,200 80.0 60.4 73,400 80.0 62.4 73,000 85.0 62.2 66,700 90.0 62.1 61,100 85.0 53.5 57,700 95.0 56.1 57,500 100.0 56.3 53,000 110.0 54.6 45,700 100.0 55.8 62,200 90.0 58.2 62,000 95.0 58.3 57,100 100.0 54.6 45,700 100.0 55.0 53.5 57,700 100.0 53.9 53.5 57,700 100.0 53.9 53.5 57,700 100.0 53.9 53.5 57,700 100.0 53.9 53.5 57,700 100.0 53.9 53.5 57,700 100.0 53.9 53.5 57,700 100.0 52.1 46,100 120.0 50.6 40,100 130.0 33.8 36,600 130.0 33.8 36,600 130.0 33.8 36,600 130.0 33.8 36,600 130.0 33.8 36,600 130.0 33.8 36,600 130.0 33.8 36,600 140.0 31.3 30.0 34,600 44.0 32.6 32,700 150.0 36.0 80.0 60.	48.0 50.0 55.0 60.0 65.0 70.0 75.0 85.0 90.0 91.0 110.0 120.0 140.0 160.0 169.9	77.2 76.6 75.0 73.5 71.9 70.3 68.7 67.0 65.4 63.7 62.0 60.3 65.4 60.3 56.7 53.0 49.1 45.0 40.5	137,600 * 131,700 * 118,500 107,000 96,100 86,900 78,900 71,800 65,800 60,800 56,300 52,100 45,300 39,800 35,100 31,200 27,800
44.0 75.3 164,500 * 44.0 76.2 161,100 * 46.0 76.4 149,600 48.0 76.5 140,300 46.0 77.5 155,800 46.0 75.5 152,700 48.0 75.7 143,400 50.0 75.8 134,300 50.0 72.9 140,500 50.0 74.0 139,100 55.0 73.2 122,200 60.0 72.5 108,000 55.0 70.9 123,300 55.0 72.1 123,100 60.0 71.5 108,500 65.0 70.8 96,600 60.0 68.9 108,900 60.0 70.2 108,700 65.0 68.3 97,500 65.0 68.3 97,500 66.3 97,500 66.3 97,500 66.4 88,000 75.0 66.0 79,600 80.0 65.7 72,300 75.0 66.4 88,000 75.0 66.0 79,600 80.0 65.7 72,300 75.0 62.5 80,300 75.0 64.4 80,000 85.0 62.2 66,700 90.0 62.1 61,100 85.0 58.1 67,300 85.0 60.3 67,100 90.0 60.3 61,600 95.0 60.3 56,600 90.0 55.8 62,200 90.0 58.2 62,000 95.0 58.3 57,100 100.0 58.4 52,600 95.0 53.5 57,700 95.0 56.1 57,500 100.0 56.3 53,000 110.0 54.6 45,700 110.0 45.9 46,800 110.0 49.3 46,600 120.0 47.7 40,700 130.0 46.3 35,500 120.0 40.2 41,300 120.0 44.3 41,100 130.0 42.9 36,000 140.0 41.6 31,600 144.0 30.0 31,300 152.5 30.0 28,200 161.0 30.0 25,100 42.0 60	50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 91.00.0 110.0 120.0 140.0 150.0 160.0 169.9	76.6 75.0 73.5 71.9 70.3 68.7 67.0 65.4 63.7 62.0 60.3 60.3 60.3 60.3 60.3 60.3 60.3 60	131,700 * 118,500 107,000 96,100 86,900 78,900 71,800 65,800 60,800 56,300 52,100 45,300 39,800 35,100 31,200 27,800
46.0	55.0 60.0 65.0 70.0 75.0 80.0 95.0 110.0 120.0 130.0 140.0 160.0 169.9	75.0 73.5 71.9 70.3 68.7 66.7 65.4 63.7 62.0 60.3 56.7 55.7 49.1 45.0 40.5 35.5	118,500 107,000 96,100 86,900 78,900 71,800 65,800 60,800 56,300 52,100 45,300 35,100 31,200 27,800
48.0	60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 160.0 169.9	73.5 71.9 70.3 68.7 67.0 65.4 63.7 62.0 60.3 56.7 53.0 49.1 45.0 40.5 35.5	107,000 96,100 86,900 78,900 71,800 65,800 60,800 56,300 52,100 45,300 35,100 31,200 27,800
50.0 72.9 140,500 50.0 74.0 139,100 55.0 73.2 122,200 60.0 72.5 108,000 55.0 70.9 123,300 55.0 72.1 123,100 60.0 71.5 108,500 65.0 70.8 96,600 60.0 68.9 108,900 60.0 70.2 108,700 65.0 69.7 97,000 70.0 69.1 87,200 70.0 64.7 88,300 70.0 66.4 88,000 75.0 66.0 79,600 80.0 65.7 72,300 75.0 62.5 80,300 75.0 64.4 80,000 80.0 64.1 72,700 85.0 63.9 66,200 80.0 60.4 73,400 80.0 62.2 66,700 90.0 62.1 61,100 95.0 58.1 67,300 85.0 60.3 67,100 90.0 60.3 56,600 95.0 53.5 57,700 95.0 56.1 5	65.0 70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 160.0 169.9	71.9 70.3 68.7 65.4 65.4 63.7 62.0 60.3 60.3 60.3 60.3 49.1 45.0 40.5 35.5	96,100 86,900 78,900 71,800 65,800 60,800 56,300 52,100 45,300 39,800 35,100 31,200 27,800
55.0 70.9 123,300 55.0 72.1 123,100 60.0 71.5 108,500 65.0 70.8 96,600 60.0 68.9 108,900 60.0 70.2 108,700 65.0 68.7 97,000 70.0 69.1 87,200 65.0 66.8 97,500 65.0 68.3 97,300 70.0 67.8 87,700 46.0 67.4 79,200 70.0 64.7 88,300 70.0 66.4 88,000 75.0 66.0 79,600 80.0 65.7 72,300 80.0 60.4 73,400 80.0 62.4 73,000 85.0 62.2 66,700 90.0 62.1 61,100 85.0 58.1 67,300 85.0 60.3 67,100 90.0 60.3 61,600 95.0 60.3 56,600 90.0 55.8 62,200 90.0 58.2 62,000 95.0 58.3 57,100 100.0 56.3 53,000 <td< td=""><td>70.0 75.0 80.0 85.0 90.0 95.0 110.0 130.0 140.0 160.0 169.9</td><td>70.3 68.7 67.0 65.4 63.7 62.0 60.3 56.7 53.0 49.1 45.0 40.5 35.5</td><td>86,900 78,900 71,800 65,800 60,800 56,300 52,100 45,300 39,800 35,100 31,200 27,800</td></td<>	70.0 75.0 80.0 85.0 90.0 95.0 110.0 130.0 140.0 160.0 169.9	70.3 68.7 67.0 65.4 63.7 62.0 60.3 56.7 53.0 49.1 45.0 40.5 35.5	86,900 78,900 71,800 65,800 60,800 56,300 52,100 45,300 39,800 35,100 31,200 27,800
60.0 68.9 108,900 60.0 70.2 108,700 65.0 69.7 97,000 70.0 69.1 87,200 65.0 66.8 97,500 65.0 68.3 97,300 70.0 67.8 87,700 46.0 67.4 79,200 70.0 64.7 88,300 70.0 66.4 88,000 75.0 66.0 79,600 80.0 65.7 72,300 75.0 62.5 80,300 75.0 64.4 80,000 80.0 66.0 79,600 80.0 63.9 66,200 80.0 60.4 73,400 80.0 62.4 73,000 85.0 62.2 66,700 90.0 62.1 61,100 85.0 58.1 67,300 85.0 60.3 67,100 90.0 60.3 61,600 95.0 60.3 56,600 95.0 53.5 57,700 95.0 56.1 57,500 100.0 56.3 57,100 100.0 56.3 57,100 1	75.0 80.0 85.0 90.0 95.0 100.0 120.0 130.0 140.0 160.0 169.9	68.7 67.0 65.4 63.7 62.0 60.3 56.7 53.0 49.1 45.0 40.5 35.5	78,900 71,800 65,800 60,800 56,300 52,100 45,300 39,800 35,100 31,200 27,800
65.0 66.8 97,500 65.0 68.3 97,300 70.0 67.8 87,700 46.0 67.4 79,200 70.0 64.7 88,300 70.0 66.4 88,000 75.0 66.0 79,600 80.0 65.7 72,300 80.0 60.4 73,400 80.0 62.4 73,000 85.0 62.2 66,700 90.0 62.1 61,100 85.0 58.1 67,300 85.0 60.3 67,100 90.0 60.3 61,600 95.0 60.3 56,600 90.0 55.8 62,200 90.0 58.2 62,000 95.0 58.3 57,100 100.0 58.4 52,600 95.0 53.5 57,700 95.0 56.1 57,500 100.0 56.3 53,000 110.0 54.6 45,700 110.0 51.0 53,700 100.0 53.9 53,500 110.0 52.1 46,100 120.0 50.6 40,100 110.0 45.9 46,800 110.0 49.3 46,600 120.0 47.7 40,700 130.0 46.3 35,500 120.0 40.2 41,300 120.0 44.3 41,100 130.0 42.9 36,000 140.0 41.6 31,600 130.0 33.8 36,600 130.0 38.9 36,400 140.0 37.6 32,100 150.0 36.6 28,300 135.1 30.0 34,600 140.0 32.6 32,700 150.0 31.7 28,900 160.0 30.7 25,400 144.0 30.0 31,300 152.5 30.0 28,200 161.0 30.0 25,100 140.0 40.0 40.0 40.0 40.0 40.0 40.0	80.0 85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 160.0 169.9	67.0 65.4 63.7 62.0 60.3 56.7 53.0 49.1 45.0 40.5 35.5	71,800 65,800 60,800 56,300 52,100 45,300 39,800 35,100 31,200 27,800
70.0 64.7 88,300 70.0 66.4 88,000 75.0 66.0 79,600 80.0 65.7 72,300 75.0 62.5 80,300 75.0 64.4 80,000 80.0 64.1 72,700 85.0 63.9 66,200 80.0 60.4 73,400 80.0 62.4 73,000 85.0 66.20 90.0 60.3 61,600 95.0 60.3 56,600 90.0 55.8 62,200 90.0 58.2 62,000 95.0 58.3 57,100 100.0 58.4 52,600 95.0 53.5 57,700 95.0 56.1 57,500 100.0 56.3 53,000 110.0 54.6 45,700 100.0 51.0 53,700 100.0 53.9 53,500 110.0 52.1 46,100 120.0 54.6 45,700 110.0 45.9 46,800 110.0 49.3 46,600 120.0 47.7 40,700 130.0	85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0	65.4 63.7 62.0 60.3 56.7 53.0 49.1 45.0 40.5 35.5	65,800 60,800 56,300 52,100 45,300 39,800 35,100 31,200 27,800
75.0 62.5 80,300 75.0 64.4 80,000 80.0 64.1 72,700 85.0 63.9 66,200 80.0 60.4 73,400 80.0 62.4 73,000 85.0 62.2 66,700 90.0 62.1 61,100 85.0 58.1 67,300 85.0 60.3 67,100 90.0 60.3 61,600 95.0 60.3 56,600 90.0 55.8 62,200 90.0 58.2 62,000 95.0 58.3 57,100 100.0 58.4 52,600 95.0 53.5 57,700 95.0 56.1 57,500 100.0 56.3 53,000 110.0 54.6 45,700 100.0 51.0 53,700 100.0 53.9 53,500 110.0 52.1 46,100 120.0 50.6 40,100 110.0 45.9 46,800 110.0 49.3 46,600 120.0 47.7 40,700 130.0 46.3 35,500 120.0 40.2 41,300 120.0 44.3 41,100 130.0 42.9 36,000 140.0 41.6 31,600 130.0 33.8 36,600 130.0 38.9 36,400 140.0 37.6 32,100 150.0 36.6 28,300 135.1 30.0 34,600 140.0 32.6 32,700 150.0 31.7 28,900 160.0 30.7 25,400 144.0 30.0 31,300 152.5 30.0 28,200 161.0 30.0 25,100 150.0 36.6 (deg.) (lbs) (ft) (deg.) (lbs) (14,00 * 44.0 79.6 143,600 * 44.0 79.0 134,600 * 44.0 79.0 134,600 * 46.0 79.0 134,000 * 46.0 79.0 137,500 * 48.0 79.0 129,500 * 48.0 79.9 130,700 * 48.0 79.9 134,000 * 50.0 77.9 126,400 * 55.0 77.1 111,800 55.0 77.7 108,100	90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 169.9	63.7 62.0 60.3 56.7 53.0 49.1 45.0 40.5 35.5	60,800 56,300 52,100 45,300 39,800 35,100 31,200 27,800
80.0 60.4 73,400 80.0 62.4 73,000 85.0 62.2 66,700 90.0 62.1 61,100 85.0 58.1 67,300 85.0 60.3 67,100 90.0 60.3 61,600 95.0 60.3 56,600 90.0 55.8 62,200 90.0 58.2 62,000 95.0 58.3 57,100 100.0 58.4 52,600 95.0 53.5 57,700 95.0 56.1 57,500 100.0 56.3 53,000 110.0 54.6 45,700 100.0 51.0 53,700 100.0 53.9 53,500 110.0 52.1 46,100 120.0 50.6 40,100 110.0 45.9 46,800 110.0 49.3 46,600 120.0 47.7 40,700 130.0 46.3 35,500 120.0 40.2 41,300 130.0 38.9 36,400 140.0 37.6 32,100 150.0 36.6 28,300	95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0	62.0 60.3 56.7 53.0 49.1 45.0 40.5 35.5	56,300 52,100 45,300 39,800 35,100 31,200 27,800
85.0 58.1 67,300 85.0 60.3 67,100 90.0 60.3 61,600 95.0 50.0 55.8 62,200 90.0 58.2 62,000 95.0 58.3 57,100 100.0 58.4 52,600 95.0 53.5 57,700 95.0 56.1 57,500 100.0 56.3 53,000 110.0 54.6 45,700 100.0 51.0 53,700 100.0 53.9 53,500 110.0 52.1 46,100 120.0 50.6 40,100 120.0 45.9 46,800 110.0 49.3 46,600 120.0 47.7 40,700 130.0 46.3 35,500 120.0 44.2 41,300 130.0 38.9 36,400 140.0 37.6 32,100 150.0 36.6 28,300 135.1 30.0 34,600 140.0 32.6 32,700 150.0 31.7 28,900 160.0 30.7 25,400 Load Boom	100.0 110.0 120.0 130.0 140.0 150.0 160.0	60.3 56.7 53.0 49.1 45.0 40.5 35.5	52,100 45,300 39,800 35,100 31,200 27,800
90.0 55.8 62,200 90.0 58.2 62,000 95.0 58.3 57,100 100.0 58.4 52,600 95.0 53.5 57,700 95.0 56.1 57,500 100.0 56.3 53,000 110.0 54.6 45,700 100.0 51.0 53,700 100.0 53.9 53,500 110.0 52.1 46,100 120.0 50.6 40,100 110.0 45.9 46,800 110.0 49.3 46,600 120.0 47.7 40,700 130.0 46.3 35,500 120.0 40.2 41,300 120.0 44.3 41,100 130.0 42.9 36,000 140.0 41.6 31,600 130.0 33.8 36,600 130.0 38.9 36,400 140.0 37.6 32,100 150.0 36.6 28,300 144.0 30.0 31,300 152.5 30.0 28,200 161.0 30.0 25,100 Reeves 8 Reeves 7 Redular Angle (Ibs)	110.0 120.0 130.0 140.0 150.0 160.0 169.9	56.7 53.0 49.1 45.0 40.5 35.5	45,300 39,800 35,100 31,200 27,800
95.0 53.5 57,700 95.0 56.1 57,500 100.0 56.3 53,000 110.0 54.6 45,700 100.0 51.0 53,700 100.0 53.9 53,500 110.0 52.1 46,100 120.0 50.6 40,100 110.0 45.9 46,800 110.0 49.3 46,600 120.0 47.7 40,700 130.0 46.3 35,500 120.0 40.2 41,300 120.0 44.3 41,100 130.0 42.9 36,000 140.0 41.6 31,600 130.0 33.8 36,600 130.0 38.9 36,400 140.0 37.6 32,100 150.0 36.6 28,300 135.1 30.0 34,600 140.0 32.6 32,700 150.0 31.7 28,900 160.0 30.7 25,400 144.0 30.0 31,300 152.5 30.0 28,200 161.0 30.0 25,100 150.0 160.0 30.0 25,100 150.0 160.0 30.0 25,100 150.0 160.0 30.0 25,100 150.0 160.0 30.0 25,100 150.0 160.0 30.0 25,100 150.0 160.0 30.0 25,100 150.0 160.0 30.0 25,100 150.0 160.0 160.0 30.0 25,100 150.0 160.0 160.0 30.0 25,100 150.0 16	120.0 130.0 140.0 150.0 160.0 169.9	53.0 49.1 45.0 40.5 35.5	39,800 35,100 31,200 27,800
100.0 51.0 53,700 100.0 53.9 53,500 110.0 52.1 46,100 120.0 50.6 40,100 110.0 45.9 46,800 110.0 49.3 46,600 120.0 47.7 40,700 130.0 46.3 35,500 120.0 40.2 41,300 120.0 44.3 41,100 130.0 42.9 36,000 140.0 41.6 31,600 130.0 33.8 36,600 130.0 38.9 36,400 140.0 37.6 32,100 150.0 36.6 28,300 135.1 30.0 34,600 140.0 32.6 32,700 150.0 31.7 28,900 160.0 30.7 25,400 144.0 30.0 31,300 152.5 30.0 28,200 161.0 30.0 25,100 Reeves 8 Reeves 7 Reeves 7 Reeves 7 200' Boom 210' Boom 220' Boom 230' Boom Load Boom 360' Load Boom Angle (deg.) (lbs) (fit) (deg.) (lbs) (lbs) (lbs) (fit) (deg.) (lbs) (130.0 140.0 150.0 160.0 169.9	49.1 45.0 40.5 35.5	35,100 31,200 27,800
110.0 45.9 46,800 110.0 49.3 46,600 120.0 47.7 40,700 130.0 46.3 35,500 120.0 40.2 41,300 120.0 44.3 41,100 130.0 42.9 36,000 140.0 41.6 31,600 130.0 33.8 36,600 130.0 38.9 36,400 140.0 37.6 32,100 150.0 36.6 28,300 135.1 30.0 34,600 140.0 32.6 32,700 150.0 31.7 28,900 160.0 30.7 25,400 144.0 30.0 31,300 152.5 30.0 28,200 161.0 30.0 25,100 Reeves 8 Reeves 7 Reeves 7 Reeves 7 200' Boom 210' Boom 220' Boom 230' Boom Load Boom 360' Load Boom 360' Radius Angle (deg.) (fit) (deg.) (deg.) (fit) (deg.) (fit) (deg.) (fit) (deg.)	140.0 150.0 160.0 169.9	45.0 40.5 35.5	31,200 27,800
120.0 40.2 41,300 120.0 44.3 41,100 130.0 42.9 36,000 140.0 41.6 31,600 130.0 33.8 36,600 130.0 38.9 36,400 140.0 37.6 32,100 150.0 36.6 28,300 135.1 30.0 34,600 140.0 32.6 32,700 150.0 31.7 28,900 160.0 30.7 25,400 144.0 30.0 31,300 152.5 30.0 28,200 161.0 30.0 25,100 Reeves 8 Reeves 7 Reeves 7 Reeves 7 200' Boom 210' Boom 220' Boom 230' Boom 360' Radius Angle Rated Load Redius (ft) (deg.) (ft) (deg.) (ft) (deg.) (ft) (ft) (deg.) (ft) 40.6 80.0 151,600 * 42.3 80.0 148,800 * 44.2 80.0 140,600 * 45.9 80.0 130,900 * 42.0 79.6 148,600 * 44.0 79.6 143,600 * 46.0 79.5 134,900 * 46.0 79.9 130,700 * 44.0 79.0 144,000 * 46.0 79.0 137,500 * 48.0 79.0 129,500 * 48.0 79.5 125,200 * 46.0 78.5 139,300 * 48.0 78.5 132,000 * 50.0 77.1 111,800 55.0 77.7 108,100	150.0 160.0 169.9	40.5 35.5	27,800
130.0 33.8 36,600 130.0 38.9 36,400 140.0 37.6 32,100 150.0 36.6 28,300 135.1 30.0 34,600 140.0 32.6 32,700 150.0 31.7 28,900 160.0 30.7 25,400 25,100 28,200 161.0 30.0 25,100 200' Boom 210' Boom 220' Boom 230' Boom	160.0 169.9	35.5	
135.1 30.0 34,600 140.0 32.6 32,700 150.0 31.7 28,900 160.0 30.7 25,400 25,100 Reeves 8 Reeves 7 Reeves 7 Reeves 7 200' Boom 210' Boom 360' Load Radius (ft) (deg.) (deg.	169.9		
Reeves 8 Reeves 7 Ree			22,400
Reeves 8	-	0.01	1203/37.2
Load Radius (it) Boom (deg.) 360° (lbs) Load Radius (it) Boom (deg.) 360° (lbs) Load Radius (it) Boom (deg.) 360° (lbs) Load Radius (it) Rated Load (lbs) Load (lbs) Boom (it) Angle (deg.) Rated Load (lbs) Load Radius (it) Rated Load (lbs) Rated Load (lbs) <th< th=""><th>He</th><th>eves</th><th>6</th></th<>	He	eves	6
Radius (ft) Angle (deg.) Rated Load (lbs) Radius (deg.) Rated Load (deg.) Rated Loa	24	40' Bo	om
(ft) (deg.) (lbs) (deg.) (Load	Boom	
40.6 80.0 151,600* 42.3 80.0 148,800* 44.2 80.0 140,600* 45.9 80.0 130,900* 42.0 79.6 148,600* 44.0 79.6 143,600* 46.0 79.5 134,900* 46.0 79.9 130,700* 44.0 79.0 144,000* 46.0 79.0 137,500* 48.0 79.0 129,500* 48.0 79.5 125,200* 46.0 78.5 139,300* 48.0 78.5 132,000* 50.0 78.5 124,000* 50.0 79.0 119,700* 48.0 77.9 134,000* 50.0 77.1 111,800 55.0 77.7 108,100	Radius	The state of the s	
42.0 79.6 148,600 * 44.0 79.6 143,600 * 46.0 79.5 134,900 * 46.0 79.9 130,700 * 44.0 79.0 144,000 * 46.0 79.0 137,500 * 48.0 79.0 129,500 * 48.0 79.5 125,200 * 46.0 78.5 139,300 * 48.0 78.5 132,000 * 50.0 78.5 124,000 * 50.0 79.0 119,700 * 48.0 77.9 134,000 * 50.0 77.7 126,400 * 55.0 77.1 111,800 55.0 77.7 108,100	(ft)	(deg.)	(lbs)
44.0 79.0 144,000 * 46.0 79.0 137,500 * 48.0 79.0 129,500 * 48.0 79.5 125,200 * 46.0 78.5 139,300 * 48.0 78.5 132,000 * 50.0 78.5 124,000 * 50.0 79.0 119,700 * 48.0 77.9 134,000 * 50.0 77.9 126,400 * 55.0 77.1 111,800 55.0 77.7 108,100	47.5	80.0	120,100 *
46.0 78.5 139,300 * 48.0 78.5 132,000 * 50.0 78.5 124,000 * 50.0 79.0 119,700 * 48.0 77.9 134,000 * 50.0 77.9 126,400 * 55.0 77.1 111,800 55.0 77.7 108,100	48.0	79.9	119,400 *
48.0 77.9 134,000 * 50.0 77.9 126,400 * 55.0 77.1 111,800 55.0 77.7 108,100	50.0		116,400 *
	55.0	2000	107,400
50.0 77.3 128,700 155.0 76.5 1113.900 60.0 75.8 101.400 60.0 76.4 98.900	60.0		97,300
	65.0		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		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		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		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		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		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		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 90.0 65.1 60,500 95.0 64.9 55,400 100.0 64.7 51,000 100.0 65.8 50,600	100.0 110.0		50,200
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		43,300 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		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	A 37.75%	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		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		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		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			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	1 180.0		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	180.0 190.0	1 10 10 10 10 10 10 10 10 10 10 10 10 10	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	190.0 190.0 200.0		12,100
204.3 30.0 13,400	190.0 200.0		11,600
20.7.3 30.0 13/400	190.0		11,000

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

Main Boom Lift Capacity

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

25	0' Boo	m	26	0' Boo	m	27	0' Boo	m	28	0' Boo	m	29	0' Boo	m
Load	Boom	360°	Load	Boom	360	Load	Boom	360	Load	Boom	360°	Load	Boom	360
Padius	Angle	Rated Load	Radius	Angle	Rated Load	Radius	Angle	Rated Load	Radius	Angle	Pated Load	Radius		Rated Load
(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(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 76.3	95,800 87,400	65.0 70.0	76.9 75.7	85,600 78,700	65.0	77.4 76.3	83,300 * 77,000	65.0	77.8 76.8	78,200 * 74,300 *	70.0	77.2 76.2	69,500 * 66,800 *
65.0 70.0	75.2	80,300	75.0	74.6	72,500	70.0 75.0	75.2	70,800	70.0 75.0	75.7	69,400	75.0 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 65.4	49,900	110.0	66.4	42,600 36,900	110.0	67.3	41,900	110.0	68.2	41,500	120.0	66.8	35,700
110.0 120.0	62.8	43,000 37,400	120.0 130.0	64.0 61.5	32,200	120.0 130.0	65.0 62.6	36,300 31,600	120.0 130.0	65.9 63.7	36,000 31,200	130.0 140.0	64.7 62.4	31,000 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
190.0 200.0	42.5 38.9	15,200 13,300	200.0 210.0	41.6 38.1	12,600 11,000	200.0 210.0	43.9 40.8	11,900 10,100	200.0 210.0	46.0 43.1	11,400 9,600	210,0 220.0	45.2 42.3	9,400 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	200	300	7,555
22/07	275	25.00	13000000	200	46.50	05015		1797.53	242.7	32.0	5,200			
Ree	ves	4	Ree	ves	4	Ree	ves	4	Ree	eves	4	Ree	ves	4
30	0' Boo	m												
Load	Boom	360°												
Padius	Angle	Rated Load												
(ft)	(deg.)	(lbs)				,								
58.0	80.0	68,300 *										100		
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 *												
95,0 100.0	72.7 71.7	49,100 * 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 *												
D.	-				-	-	-							
Ree	ves	4							+ 1					

Note: Designed and rated to comply with ANSI Code B30.5

Luffing Boom Lift Capacity

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

50) Boor	n 🔛	60)' Booi	m	70)' Boo	m	80)' Boor	n	90)' Booi	m
Load Padius (ft)	Boom Angle (deg.)	360° Pated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Pated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Pated 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 *	55.7	50.0	111,700	67.5	30.0	93,000	75.0	31.6	80,300	80.0	35.9	73,600
00.1	00.0	100,000		24	72.1	07.0	00.0	00,000	76.1	30.0	78,700	84.6	30.0	67,900
Ree		12	Ree	ves	12	Ree	ves	12	Ree	ves	12	Ree	ves	12
10	0' Boo	m	_ 11	0' Boo	m	12	0' Boc	om 💮	13	0' Boo	m	14	0' Boo	m
Load	Boom	360	Load	Boom	360	Load	Boom	360	Load	Boom	360"	Load	Boom	360
Radius (ft)	Angle (deg.)	Pated Load (lbs)	Radius (ft)	Angle (deg.)	Rated Load (lbs)	Radius (ft)	Angle (deg.)	Rated Load (lbs)	Radius (ft)	Angle (deg.)	Rated Load (lbs)	Radius (ft)	Angle (deg.)	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
	70.6	179,200	44.0	71.3	167,100	44.0	72.9	166,900	46.0	73.4	154,900	48.0 50.0	73.8	146,700
42.0			100 200 100		4 EE 300	160						2011	72.9	138,700
42.0 44.0	69.3	167,300	46.0	70.2	155,300	46.0	71.9	155,100	48.0	72.5	146,900			101 500
42.0 44.0 46.0	69.3 68.1	167,300 155,500	46.0 48.0	70.2 69.1	147,300	48.0	70.9	147,100	50.0	71.5	138,900	55.0	70.7	121,500
42.0 44.0 46.0 48.0	69.3 68.1 66.8	167,300 155,500 147,500	46.0 48.0 50.0	70.2 69.1 67.9	147,300 139,300	48.0 50.0	70.9 69.9	147,100 139,100	50.0 55.0	71.5 69.1	138,900 121,700	55.0 60.0	70.7 68.5	107,600
42.0 44.0 46.0 48.0 50.0	69.3 68.1 66.8 65.5	167,300 155,500 147,500 139,500	46.0 48.0 50.0 55.0	70.2 69.1 67.9 65.0	147,300 139,300 122,100	48.0 50.0 55.0	70.9 69.9 67.3	147,100 139,100 121,900	50.0 55.0 60.0	71.5 69.1 66.7	138,900 121,700 107,800	55.0 60.0 65.0	70.7 68.5 66.3	107,600 96,200
42.0 44.0 46.0 48.0 50.0 55.0	69.3 68.1 66.8 65.5 62.3	167,300 155,500 147,500 139,500 122,300	46.0 48.0 50.0 55.0 60.0	70.2 69.1 67.9 65.0 62.1	147,300 139,300 122,100 108,300	48.0 50.0 55.0 60.0	70.9 69.9 67.3 64.6	147,100 139,100 121,900 108,100	50.0 55.0 60.0 65.0	71.5 69.1 66.7 64.3	138,900 121,700 107,800 96,600	55.0 60.0 65.0 70.0	70.7 68.5 66.3 64.0	107,600 96,200 86,800
42.0 44.0 46.0 48.0 50.0 55.0 60.0	69.3 68.1 66.8 65.5 62.3 58.9	167,300 155,500 147,500 139,500 122,300 108,500	46.0 48.0 50.0 55.0 60.0 65.0	70.2 69.1 67.9 65.0 62.1 59.0	147,300 139,300 122,100 108,300 97,000	48.0 50.0 55.0 60.0 65.0	70.9 69.9 67.3 64.6 61.9	147,100 139,100 121,900 108,100 96,800	50.0 55.0 60.0 65.0 70.0	71.5 69.1 66.7 64.3 61.8	138,900 121,700 107,800 96,600 87,400	55.0 60.0 65.0 70.0 75.0	70.7 68.5 66.3	107,600 96,200 86,800 78,800
42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0	69.3 68.1 66.8 65.5 62.3 58.9 55.4	167,300 155,500 147,500 139,500 122,300 108,500 97,200	46.0 48.0 50.0 55.0 60.0 65.0 70.0	70.2 69.1 67.9 65.0 62.1 59.0 55.8	147,300 139,300 122,100 108,300 97,000 87,800	48.0 50.0 55.0 60.0 65.0 70.0	70.9 69.9 67.3 64.6 61.9 59.1	147,100 139,100 121,900 108,100 96,800 87,600	50.0 55.0 60.0 65.0 70.0 75.0	71.5 69.1 66.7 64.3 61.8 59.2	138,900 121,700 107,800 96,600 87,400 79,400	55.0 60.0 65.0 70.0 75.0 80.0	70.7 68.5 66.3 64.0 61.6	107,600 96,200 86,800 78,800 71,900
42.0 44.0 46.0 48.0 50.0 55.0	69.3 68.1 66.8 65.5 62.3 58.9	167,300 155,500 147,500 139,500 122,300 108,500	46.0 48.0 50.0 55.0 60.0 65.0	70.2 69.1 67.9 65.0 62.1 59.0	147,300 139,300 122,100 108,300 97,000	48.0 50.0 55.0 60.0 65.0	70.9 69.9 67.3 64.6 61.9	147,100 139,100 121,900 108,100 96,800	50.0 55.0 60.0 65.0 70.0	71.5 69.1 66.7 64.3 61.8	138,900 121,700 107,800 96,600 87,400	55.0 60.0 65.0 70.0 75.0	70.7 68.5 66.3 64.0 61.6 59.2	107,600 96,200 86,800 78,800
42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8 43.6	167,300 155,500 147,500 139,500 122,300 108,500 97,200 88,000	46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	70.2 69.1 67.9 65.0 62.1 59.0 55.8 52.5	147,300 139,300 122,100 108,300 97,000 87,800 79,900	48.0 50.0 55.0 60.0 65.0 70.0 75.0	70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2 50.1	147,100 139,100 121,900 108,100 96,800 87,600 79,600 72,800 66,900	50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	71.5 69.1 66.7 64.3 61.8 59.2 56.5 53.8 50.9	138,900 121,700 107,800 96,600 87,400 79,400 72,500 66,500 61,500	55.0 60.0 65.0 70.0 75.0 80.0 85.0	70.7 68.5 66.3 64.0 61.6 59.2 56.8	107,600 96,200 86,800 78,800 71,900 66,000
42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8 43.6 39.1	167,300 155,500 147,500 139,500 122,300 108,500 97,200 88,000 80,100 73,200 67,300	46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	70.2 69.1 67.9 65.0 62.1 59.0 55.8 52.5 49.0 45.4 41.4	147,300 139,300 122,100 108,300 97,000 87,800 79,900 73,000 67,100 62,000	48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2 50.1 46.7	147,100 139,100 121,900 108,100 96,800 87,600 79,600 72,800 66,900 61,800	50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0	71.5 69.1 66.7 64.3 61.8 59.2 56.5 53.8 50.9 47.9	138,900 121,700 107,800 96,600 87,400 79,400 72,500 66,500 61,500 57,100	55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0	70.7 68.5 66.3 64.0 61.6 59.2 56.8 54.2 51.6 48.9	107,600 96,200 86,800 78,800 71,900 66,000 60,900 56,400 52,400
42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8 43.6 39.1 33.8	167,300 155,500 147,500 139,500 122,300 108,500 97,200 88,000 80,100 73,200 67,300 62,200	46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 90.0 95.0	70.2 69.1 67.9 65.0 62.1 59.0 55.8 52.5 49.0 45.4 41.4 37.0	147,300 139,300 122,100 108,300 97,000 87,800 79,900 73,000 67,100 62,000 57,600	48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2 50.1 46.7 43.2	147,100 139,100 121,900 108,100 96,800 87,600 79,600 72,800 66,900 61,800 57,400	50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0	71.5 69.1 66.7 64.3 61.8 59.2 56.5 53.8 50.9 47.9 44.7	138,900 121,700 107,800 96,600 87,400 79,400 72,500 66,500 61,500 57,100 53,000	55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 110.0	70.7 68.5 66.3 64.0 61.6 59.2 56.8 54.2 51.6 48.9 43.0	107,600 96,200 86,800 78,800 71,900 66,000 60,900 56,400 52,400 45,700
42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8 43.6 39.1	167,300 155,500 147,500 139,500 122,300 108,500 97,200 88,000 80,100 73,200 67,300	46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 90.0 95.0	70.2 69.1 67.9 65.0 62.1 59.0 55.8 52.5 49.0 45.4 41.4 37.0 32.2	147,300 139,300 122,100 108,300 97,000 87,800 79,900 73,000 67,100 62,000 57,600 53,700	48.0 55.0 60.0 65.0 70.0 75.0 85.0 90.0 95.0	70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2 50.1 46.7 43.2 39.4	147,100 139,100 121,900 108,100 96,800 87,600 79,600 72,800 66,900 61,800 57,400 53,500	50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0	71.5 69.1 66.7 64.3 61.8 59.2 56.5 53.8 50.9 47.9 44.7 37.8	138,900 121,700 107,800 96,600 87,400 79,400 72,500 66,500 61,500 57,100 53,000 46,300	55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0	70.7 68.5 66.3 64.0 61.6 59.2 56.8 54.2 51.6 48.9 43.0 36.3	107,600 96,200 86,800 78,800 71,900 66,000 60,900 56,400 52,400 45,700 40,100
42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8 43.6 39.1 33.8	167,300 155,500 147,500 139,500 122,300 108,500 97,200 88,000 80,100 73,200 67,300 62,200	46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 90.0 95.0	70.2 69.1 67.9 65.0 62.1 59.0 55.8 52.5 49.0 45.4 41.4 37.0	147,300 139,300 122,100 108,300 97,000 87,800 79,900 73,000 67,100 62,000 57,600	48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2 50.1 46.7 43.2	147,100 139,100 121,900 108,100 96,800 87,600 79,600 72,800 66,900 61,800 57,400	50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0	71.5 69.1 66.7 64.3 61.8 59.2 56.5 53.8 50.9 47.9 44.7	138,900 121,700 107,800 96,600 87,400 79,400 72,500 66,500 61,500 57,100 53,000	55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 110.0	70.7 68.5 66.3 64.0 61.6 59.2 56.8 54.2 51.6 48.9 43.0	107,600 96,200 86,800 78,800 71,900 66,000 60,900 56,400 52,400 45,700

Note: Designed and rated to comply with ANSI Code B30.5

Luffing Boom Lift Capacity

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

	0' Boo	m	16	0' Boo	m _	17	0' Boo	m	18	0' Boo	m _	19	0' B oo	m
Load	Boom	360°	Load	Boom	360°	Load	Boom	360°	Load	Boom	360	Load	Boom	360°
Radius	Angle	Rated Load	Radius	Angle	Rated Load	Padius	Angle	Rated Load	Radius	Angle	Rated Load	Padius	Angle	Rated Load
(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(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 50.0	74.9 74.1	146,400 138,400	50.0 55.0	75.1 73.2	137,100 121,000	55.0 60.0	74.2 72.5	120,700 106,900	60.0 65.0	73.5 71.8	106,500 95,100	60.0 65.0	74.4 72.8	105,700 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
	ves	7	Ree	ves	6	Ree	ves	6	Hee	ves	6	Ree	ves	6
- na	n' Dac	ררו							-					
	0' Boo		4										_	
Load	Boom	360°												
Load Radius	Boom Angle	360° Rated Load												
Load Padius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)												
Load Radius (ft) 43.6	Boom Angle (deg.)	360° Pated Load (lbs) 143,700 *												
Load Radius (ft) 43.6 44.0	Boom Angle (deg.) 80.0 79.9	360° Rated Load (lbs) 143,700 * 142,600 *												
Load Radius (ft) 43.6 44.0 46.0	Boom Angle (deg.) 80.0 79.9 79.3	360° Rated Load (lbs) 143,700 * 142,600 * 136,500 *												
Load Radius (ft) 43.6 44.0 46.0 48.0	Boom Angle (deg.) 80.0 79.9 79.3 78.7	360° Rated Load (lbs) 143,700 * 142,600 * 136,500 * 131,100 *												
Load Radius (ft) 43.6 44.0 46.0 48.0 50.0	Boom Angle (deg.) 80.0 79.9 79.3 78.7 78.1	360° Rated Load (lbs) 143,700 * 142,600 * 136,500 * 131,100 * 125,700 *												
Load Radius (ft) 43.6 44.0 46.0 48.0 50.0 55.0	Boom Angle (deg.) 80.0 79.9 79.3 78.7 78.1 76.7	360° Rated Load (lbs) 143,700 * 142,600 * 136,500 * 131,100 * 125,700 * 113,900												
Load Radius (ft) 43.6 44.0 46.0 48.0 50.0 55.0 60.0	Boom Angle (deg.) 80.0 79.9 79.3 78.7 78.1 76.7 75.2	360° Rated Load (lbs) 143,700 * 142,600 * 136,500 * 131,100 * 125,700 * 113,900 103,700												
Load Radius (ft) 43.6 44.0 46.0 50.0 55.0 60.0 65.0	Boom Angle (deg.) 80.0 79.9 79.3 78.7 78.1 76.7 75.2 73.7	360° Rated Load (lbs) 143,700 * 142,600 * 136,500 * 131,100 * 125,700 * 113,900 103,700 94,200												
Load Radius (ft) 43.6 44.0 46.0 50.0 55.0 60.0 65.0 70.0	80.0 79.9 79.3 78.7 78.1 76.7 75.2 73.7 72.2	360° Rated Load (lbs) 143,700 * 142,600 * 136,500 * 131,100 * 125,700 * 113,900 103,700 94,200 85,200	1 1											
Load Radius (ft) 43.6 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	80.0 79.9 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7	360 Rated Load (lbs) 143,700 * 142,600 * 136,500 * 131,100 * 125,700 * 113,900 103,700 94,200 85,200 77,100	* I											
Load Radius (ft) 43.6 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	80.0 79.9 79.3 78.7 78.1 76.7 75.2 73.7 72.2	360° Rated Load (lbs) 143,700 * 142,600 * 136,500 * 131,100 * 125,700 * 113,900 103,700 94,200 85,200 77,100 70,100												
Load Radius (ft) 43.6 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	80.0m Angle (deg.) 80.0 79.9 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1	360 Rated Load (lbs) 143,700 * 142,600 * 136,500 * 131,100 * 125,700 * 113,900 103,700 94,200 85,200 77,100												
Load Radius (ft) 43.6 44.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	800m Angle (deg.) 80.0 79.9 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6	360 Rated Load (lbs) 143,700 * 142,600 * 136,500 * 131,100 * 125,700 * 113,900 103,700 94,200 85,200 77,100 70,100 64,200												
Load Radius (ft) 43.6 44.0 48.0 50.0 65.0 60.0 65.0 70.0 75.0 80.0 90.0 95.0	80.0 79.9 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6 66.0 64.4 62.8	360° Reted Load (lbs) 143,700 * 142,600 * 136,500 * 125,700 * 113,900 103,700 94,200 85,200 77,100 70,100 64,200 59,100 54,500 50,400												
Load Radius (ft) 43.6 44.0 48.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0	80.0 79.9 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6 66.0 64.4 62.8 59.5	360° Reted Load (lbs) 143,700 * 142,600 * 136,500 * 131,100 * 125,700 * 113,900 103,700 94,200 85,200 77,100 70,100 64,200 59,100 54,500 50,400 43,700												
Load Radius (ft) 43.6 44.0 48.0 50.0 55.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0	80.0 79.9 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6 66.0 64.4 62.8 59.5 56.0	360° Reted Load (lbs) 143,700 * 142,600 * 136,500 * 125,700 * 113,900 103,700 94,200 85,200 77,100 70,100 64,200 59,100 54,500 50,400 43,700 38,000												
Load Radius (ft) 43.6 44.0 48.0 50.0 65.0 60.0 70.0 75.0 80.0 90.0 95.0 100.0 110.0 120.0	80.0 79.9 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6 66.0 64.4 62.8 59.5 56.0 52.4	360° Reted Load (lbs) 143,700 * 142,600 * 136,500 * 125,700 * 113,900 103,700 94,200 85,200 77,100 70,100 64,200 59,100 54,500 50,400 43,700 38,000 33,300												
Load Radius (ft) 43.6 44.0 48.0 55.0 65.0 75.0 65.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0 130.0	80.0 79.9 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 66.0 64.4 62.8 59.5 56.0 52.4 48.7	360° Reted Load (lbs) 143,700 * 142,600 * 136,500 * 125,700 * 113,900 103,700 94,200 85,200 77,100 70,100 64,200 59,100 54,500 50,400 43,700 38,000 33,300 29,400												
Load Radius (ft) 43.6 44.0 48.0 55.0 65.0 75.0 65.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0	80.0 79.9 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6 66.0 64.4 62.8 59.5 56.0 52.4 48.7 44.6	360° Reted Load (lbs) 143,700 * 142,600 * 136,500 * 125,700 * 113,900 103,700 94,200 85,200 77,100 70,100 64,200 59,100 54,500 50,400 43,700 38,000 33,300 29,400 26,100												
Load Radius (ft) 43.6 44.0 48.0 55.0 65.0 75.0 65.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0	80.0 79.9 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6 66.0 64.4 62.8 59.5 56.0 52.4 48.7 44.6 40.3	360° Reted Load (lbs) 143,700 * 142,600 * 136,500 * 125,700 * 113,900 103,700 94,200 85,200 77,100 70,100 64,200 59,100 54,500 50,400 43,700 38,000 33,300 29,400 26,100 23,300												
43.6 44.0 48.0 50.0 55.0 60.0 75.0 65.0 70.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	80.0 79.9 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6 66.0 64.4 62.8 59.5 56.0 52.4 48.7 44.6 40.3 35.5	360° Reted Load (lbs) 143,700 * 142,600 * 136,500 * 125,700 * 113,900 103,700 94,200 85,200 77,100 70,100 64,200 59,100 54,500 50,400 43,700 38,000 33,300 29,400 26,100 23,300 20,800												
43.6 44.0 48.0 50.0 55.0 60.0 70.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0	80.0 79.9 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6 66.0 64.4 62.8 59.5 56.0 52.4 48.7 44.6 40.3	360° Reted Load (lbs) 143,700 * 142,600 * 136,500 * 125,700 * 113,900 103,700 94,200 85,200 77,100 70,100 64,200 59,100 54,500 50,400 43,700 38,000 33,300 29,400 26,100 23,300												

Note: Designed and rated to comply with ANSI Code B30.5

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

															1								
44.0 48.0 55.0 60.0 65.0 77.0 85.0 95.0 100.0 110.0 130.0 130.6	76.6 76.8 75.0 74.1 71.9 69.8 67.6 63.0 60.6 58.2 65.7 53.1 60.4 44.7 38.2 30.4	55,200° 64,400° 53,700° 63,000° 51,400° 48,400° 46,900° 45,500° 44,200° 40,300° 39,000° 34,100° 32,000° 31,900°	47.9 48.0 50.0 55.0 66.0 77.0 85.0 95.0 110.0 120.0 132.8	80.1 79.9 79.1 76.9 74.7 72.4 70.1 67.7 66.2 62.7 60.1 57.4 54.6 48.5 41.6 33.0 30.0	42,500° 42,500° 42,100° 41,100° 40,000° 38,300° 36,800° 32,900° 32,900° 32,900° 31,100° 30,200° 28,800° 27,300° 27,300°	50.0 55.0 60.0 65.0 70.0 76.0 80.0 85.0 90.0 91.0 110.0 120.0 140.0 149.2	77.4 76.5 73.6 71.7 69.8 67.8 65.9 63.8 61.8 69.6 57.5 62.9 48.0 42.7 36.6 30.0	44,200° 42,600° 41,100° 39,800° 38,400° 36,100° 36,100° 32,200° 30,600° 27,900° 25,800° 24,000° 21,300°	61.0 65.0 70.0 75.0 86.0 90.0 95.0 110.0 120.0 140.0 152.8	80.0 78.4 76.4 74.4 72.3 70.2 68.0 65.8 63.6 68.8 53.6 47.9 41.3 33.0 30.0	29,700° 29,700° 29,300° 28,800° 28,100° 26,100° 26,200° 24,400° 22,800° 20,800° 20,800° 19,600°	65.0 70.0 75.0 80.0 85.0 95.0 110.0 120.0 150.0 167.9	74.9 73.2 71.5 69.8 68.1 66.3 64.5 62.6 58.8 64.9 50.6 46.1 41.1 35.4 30.0	24,100° 23,400° 22,700° 22,000° 21,400° 20,700° 20,000° 19,400° 18,400° 16,800° 16,900° 15,400° 14,800° 14,500°	73.8 75.0 80.0 85.0 95.0 110.0 120.0 130.0 140.0 170.0 172.9	80.0 79.5 77.8 75.9 74.1 72.2 70.3 66.3 62.1 57.7 62.8 47.4 41.0 33.0 30.0	18,000* 17,900* 17,500* 17,000* 16,600* 16,300* 15,300* 14,700* 14,100* 13,400* 13,400* 13,400* 13,400*	75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 170.0 180.0	74.5 72.9 71.4 69.8 66.6 63.4 60.0 56.4 62.7 44.4 39.7 34.3 30.0	12,900° 12,400° 12,100° 11,600° 11,200° 10,900° 10,200° 9,100° 8,700° 8,400° 8,400° 7,700° 7,300° 6,600°	86.6 90.0 95.0 100.0 120.0 130.0 140.0 170.0 180.0 190.0 192.9	80.0 78.9 77.2 76.6 72.1 68.6 64.8 60.9 56.7 52.0 46.9 40.7 33.0 30.0	9,700 9,600 8,900 8,900 7,700 7,200 6,800 6,400
36.1 38.0 40.0 42.0	80.0 79.2 78.3 77.5	58,200* 57,500 * 56,800 * 56,000 *	(ft)	(deg.)	(lbs)	43.0 44.0 46.0 48.0	80.0 79.6 78.8 78.1	46,700* 46,300* 45,600* 44,900*	(ft)	(deg.)	(lbs)	(ft) 49.5 50.0 55.0 60.0	80.0 79.9 78.3 76.6	26,600* 26,600* 25,800* 24,900*	(ft)	(deg.)	(lbs)	(ft) 56,4 60.0 65.0 70.0	80.0 79.0 77.5 76.0	(lbs) 14,900* 14,400* 13,900* 13,400*	(tt)	(deg.)	(lbs)
Load Radius	Boom Angle	Rated Load	Load Radius	Boom Angle	Rated Load	Load Padius	Boom Angle	Rated Load	Load Radius	Boom Angle	Rated Load	Load Radius	Boom Angle	Rated Load	Load Padius	Boom Angle	Rated Load	Load Padius	Boom Angle	Pated Load	Load Padius	Boom Angle	Rate Load
	(Offset A	ngle (d	deg.)			(Offset Ar	ngle (d	deg.)			(Offset A	ngle (d	deg.)				Offset A	ngle (d	deg.)	
Ree	100	2)' Boo 40 t	Ree M	ves	2	Ree	ves	2 60 f	Ree t Jib	ves	1	Ree	ves	801	Ree	ves	1	Ree	ves	100	Ree	ves	1
120.0 121.7	31.7	32,300* 31,900*	120.0 124.3	34.6 30.0	27,400* 27,300*	140.7	30.0	21,300*	144,3	30.0	19,600*												
100.0 110.0	46.5 39.8	36,400* 34,400 *	100.0 110.0	50.9 43.6	29,300* 28,100*	130.0 140.0	38.0 30.6	22,800* 21,400 *	130.0 140.0	43.2 34.5	20,300* 19,700*	159.4	30.0	14,500*	160.0 164.3	34.4 30.0	13,400* 13,400*	178.1	30.0	6,800*	180.0 184.3	34.4 30.0	6,500
90.0	52.5 49.6	38,600° 37,600°	90.0	57.2 64.1	31,000* 30,100*	110.0 120.0	49.8 44.3	26,500* 24,500*	110.0 120.0	56.0 60.1	22,200° 21,100°	140.0 150.0	42.4	15,500* 16,000*	140.0 160.0	49.3 42.8	13,600* 13,400*	160.0 170.0	40.8	7,800° 7,300°	160.0 170.0	48.7 42.5	7,20
75.0 80.0 86.0	58.1 56.4	42,700° 41,300° 39,900°	75.0 80.0 85.0	62.9 60.1	34,300° 33,200° 32,000°	90.0 95.0 100.0	57.3 64.9	32,200* 30,500* 29,100*	90.0 95.0 100.0	66.3 63.8 61.3	25,500° 24,600° 23,700°	110.0 120.0 130.0	52.3 47.6	18,000* 17,000* 16,200*	110.0 120.0 130.0	59.9 54.9	15,000* 14,400* 13,900*	130.0 140.0 160.0	50.1 46.7	8,900° 8,500° 8,100°	130.0 140.0 160.0	63.1 58.8 64.0	7,60
70.0	65.7 63.2	45,800° 44,300°	70.0	70.9 68.3 66.7	37,200* 35,700*	80.0 85.0	64.1 61.9 69.6	35,100* 34,000*	80.0 85.0	70.9 68.6	27,500° 26,500°	96.0 100,0	62.8 60.8	19,000*	95.0 100.0	71.0 68.9	16,100° 15,700°	120.0	61.8 58.1	9,400*	110.0 120.0	71.0 67.2	8,40 8,10 7,90
60.0	70.5 68.1	49,600 * 47,700*	55.0 60.0	75.8 73.4	40,500 * 39,100*	70.0 75.0	68.4 66.2	37,500* 36,300*	70.0 75,0	7 5.4 73.2	29,100* 28,400*	90.0	66.7 64.8	20,700* 20,200*	90.0	75.0 73.0	16,700* 16,400*	95.0 100.0	67,0 65,3	11,000° 10,600°	95.0 100.0	76.5 74.7	9,10 8,90
48.0 50.0	73.8 72.8	52,600* 51,700*	48.0 50.0	79.2 78.2	42,100* 41,700*	60.0 65.0	72.6 70.4	40,200* 38,700*	60.0 65.0	79.6 77.5	29,700* 29,700*	75.0 80.0	70.4 68.5	22,300° 21,600°	75.0 80.0	78.9 76.9	17,700* 17,200*	85.0 90.0	70.4 68.7	11,700° 11,300°	90.0	79.9 78.2	9,30
44.0 46.0	76.6 74.7	54,300 ° 53,500°	46.2	80.0	42,500*	50.0 55.0	76.5 74.5	43,400* 41,700*	59.0	80.0	29,700*	65.0 70.0	74.0 72.2	23,600° 23,000°	71.8	80.1	18,000*	75.0 80.0	73.6 72.0	12,700° 12,200°	84.9	80,0	9,70
38.0 40.0 42.0	78.3 77.4 76.5	57,000° 55,900° 55,100°				44.0 46.0 48.0	78.9 78.1 77.3	45,600* 44,900* 44,200*				50,0 55.0 60.0	79.3 77.5 75.8	26,300* 25,500* 24,500*				60.0 65.0 70.0	78,4 76.8 75.2	14,200* 13,700* 13,200*			
34.1 36.0	80.0 79.2	59,500° 68,300 °				41.0 42.0	80.0 79.6	46,700* 46,300 *				47,9 48.0	80.0 79.9	26,600° 26,600°				54.8 66.0	80.0 79.9	14,900* 14,900*			
Load Padius (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.)	Pate Loa (lbs
	10	Offset A	ngie (d	30 30			10	Offset Ai	ngie (d	30 30			10	Offset A	ngie (d	30	u m		10	Offset A	ngie (d	30 30	
	,	M 1 A	2012 /	1221			-	ACC - 4 A	212 1	1				3654 A	ant v	1000				765-4 A	maile V	de a v	

Note: Designed and rated to comply with ANSI Code B30.5

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

		401	t Jib					60 f	t Jib					801	t Jib					100	ft Jib		
	(Offset A	ngle (d	deg.)			(Offset Ai	ngle (deg.)			(Offset A	ngle (i	deg.)			Q.	Offset A	ngle (d	deg.)	
	10			30	0.1	1	10	5/1	1 -1	30	54-1	1.0	10	24-1	1.51	30	51-1	1	10		1 - 1	30	0.
oad adius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Padius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Angle (deg.)	Rated Load (lbs)	Load Padius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Padius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Padius (ft)	Boom Angle (deg.)	Pate Load (lbs)
37.7	80.0	58,400*				44.6	80.0	46,700*	1			51.5	80.0	26,600*				58.4	80.0	14,700*			
38.0 40.0	79.9 79.1	58,300* 57,700*				46,0 48.0	79.5 78.8	46,200° 45,600°				65.0	78,9 77.3	26,200* 25,400*				65.0	79.5 78.1	14,600° 14,100°			
42.0	78.3	56,900*				50.0	78.1	44,900*				65.0	75,8	24,600*				70.0	76.7	13,600			
44.0	77.6	56,100*				55.0	76.4	43,300*				70.0	74.2	23,800*				75.0	75.2	13,100*			
46.0	76.8	55,300*	100			60.0	74.6	41,800*	62.6	80.0	29,700"	75.0	72.6	23,200*	75.4	80.0	17,800*	80.0	73.8	12,700*	555		7.44
48.0 50.0	76.0 75.2	54,600* 53,900 *	49.8 50.0	80.0 79.9	42,500° 42,600°	65,0 70,0	72.8 71.1	40,500° 39,300°	65.0 70.0	79.1 77.3	29,700* 29,600*	80.0 86.0	70.9 69.3	22,500° 21,800°	80.0 86.0	78.5 76.8	17,500* 17,200*	85.0 90.0	72,3 70,9	12,300" 11,800"	90.0	80.0 79.5	9,70
55.0	73.2	52,300*	55.0	77.9	41,400"	75.0	69.2	38,100*	75.0	75.4	29,100*	90.0	67.6	21,100*	90.0	75.0	16,800"	95.0	69.4	11,400"	95.0	77.9	9,30
60.0	71.2	60,800*	60.0	75.8	40,500*	80.0	67.4	37,000*	80.0	73.5	28,400*	95.0	66.0	20,600*	95.0	73.3	16,400*	100.0	67.9	11,100*	100.0	76.4	9,10
65.0	69.1	49,300*	65.0	73.7	39,100*	85,0	65.5	35,900*	85.0	71.5	27,800*	100.0	64.2	20,000*	100.0	71.5	16,000*	110.0	64.8	10,400*	110.0	73.2	8,60
70.0 75.0	67.1	47,900*	70.0 75.0	71.5 69.4	37,600° 36,200°	90.0	63.6	34,900*	90.0	69.5	26,800°	110.0 120.0	60.7 57.1	18,800° 18,100°	110.0	67.8	15,500*	120.0	61.6 58.3	9,800*	120.0 130.0	69.8	8,30
80.0	64.9	45,500* 45,300*	80.0	67.1	35,000°	100.0	61.6 69.7	33,600* 32,100*	100.0	67.5 66.4	25,900* 25,000*	130.0	53.2	17,200	120.0	64.0 59.9	14,900* 14,400*	140.0	54.8	8,900*	140.0	66.4 62.7	8,10 7,80
85.0	60.6	44,100*	85.0	64.9	34,000*	110.0	55.5	29,400*	110.0	61.1	23,500*	140.0	49.1	16,300*	140.0	55.6	14,000*	150.0	51.2	8,400*	150.0	58.9	7,50
90.0	58.3	43,100*	90.0	62.5	33,000*	120.0	51.2	27,100*	120.0	56.5	22,400"	160.0	44.7	15,700*	150.0	50.9	13,600*	160.0	47.3	8,200*	160.0	54.8	7,40
95.0	56.0	42,000*	95,0	60.1	31,900*	130.0	46.5	25,100*	130.0	51.6	21,200*	160.0	39.8	15,200*	160.0	45.6	13,400*	170.0	43.2	7,900*	170.0	50.3	7,20
100.0	63.6 48.5	40,800* 38,500*	110.0	57.6 52.3	31,000° 29,700°	140.0	41.3 35.4	23,500° 22,100°	140.0	46.0 39.6	20,500° 19,900°	170.0 176.8	34.3 30.0	14,700* 14,500*	170.0 180.0	39.4 31.5	13,400* 13,400*	180,0	38.5 33.3	7,600* 7,000*	180.0	45.2 39.3	7,10 6,60
120.0	43.0	36,000*	120.0	46.5	28,400*	158.1	30.0	21,300*	160.0	31.5	19,600*	17 0.0	30.0	1.115.60	181.7	30.0	13,400°	195.5	30.0	6,600*	200.0	31.6	6,00
130.0	36,8	33,500*	130.0	39.8	27,600*				161.7	30.0	19,600*				1		N.C.		100		201.4	30,0	5,90
139.1	30.0	31,900*	140.0 141.7	31.5 30.0	27,300° 27,300°				-														
Poo	ves	2	Doo					-	D	ves	1	Ree		1	Rec	ves	1	Rec	ves	1	Ree	VDC	1
145.6	103		ree	ves	2	Ree	ves	2	ree	ves		ree	ves		1400			160	100			VCS	- 1
Nec)' Boo	m	ves	.2	Ree	ves			ves	10 10	ree	ves						100			ves	
ree	120)' Boo 401	m t Jb		2	Ree			t Jib			ree		801	t Jb					100	ft Jib		
TVE C	120	Offset A	m t Jb			Ree		60 f	t Jib			ree			t Jb					100 Offset A	ft Jib		
Load Padius (ft)	120	Offset A	m t Jb	deg.)		Load Radius (ff)	(60 f	t Jib	deg.)	Rated Load (lbs)	Load Radius (ft)	(801	t Jb	deg.)	Pated Load (lbs)	Load Radius (ft)	- (100 Offset A	ft Jib	deg.)	Ratec Load (lbs)
Load Padius (ft) 39.4	120 10 Boom Angle (deg.) 80.1	Offset Al Rated Load (lbs) 58,600*	t Jib ngle (d Load Radius	deg.) 30 Boom Angle	Rated Load	Load Radius (ft)	Boom Angle (deg.)	60 f Offset Ai Pated Load (lbs) 46,700*	t Jib ngle (i Load Radius	deg.) 30 Boom Angle	Rated Load	Load Radius (ft)	10 Boom Angle (deg.) 80.0	Rated Load (lbs) 26,600*	ft Jib ngle (i Load Padius	deg.) 30 Boom Angle	Pated Load	Load Radius (ft)	100 Boom Angle (deg.) 80.0	Pated Load (ibs)	ft Jib ngle (d Load Radius	deg.) 30 Boom Angle	Rateo Load
Load Padius (ft) 39.4 40.0	120 10 Boom Angle (deg.) 80.1 79.8	201 Boo 40 1 Offset Al Rated Load (lbs) 58,600* 58,400*	t Jib ngle (d Load Radius	deg.) 30 Boom Angle	Rated Load	Load Radius (ft) 46.3	10 Boom Angle (deg.) 80.0 79.4	60 f Offset Ar Pated Load (lbs) 46,700* 46,100*	t Jib ngle (i Load Radius	deg.) 30 Boom Angle	Rated Load	Load Radius (ft) 53.1 66.0	10 Boom Angle (deg.) 80.0 79.5	80 f Offset Al Paled Load (lbs) 26,600* 26,300*	ft Jib ngle (i Load Padius	deg.) 30 Boom Angle	Pated Load	Load Radius (ft) 60.0	10 Boom Angle (deg.) 80.0 78.7	100 Offset Al Rated Load (lbs) 14,900* 14,400*	ft Jib ngle (d Load Radius	deg.) 30 Boom Angle	Rate Load
Load adius (ft) 39.4 40.0 42.0	120 10 Boom Angle (deg.) 80.1 79.8 79,1	## Parent Parent	t Jib ngle (d Load Radius	deg.) 30 Boom Angle	Rated Load	Load Radius (ft) 46.3 48.0 50.0	10 Boom Angle (deg.) 80.0 79.4 78.8	60 f Offset Ar Offset Ar Pated Load (lbs) 46,700* 46,100* 45,500*	t Jib ngle (i Load Radius	deg.) 30 Boom Angle	Rated Load	Load Padius (ft) 53.1 66.0 60.0	10 Boom Angle (deg.) 80.0 79.5 78.0	80 f Offset Al Offset Al Pated Load (lbs) 26,600* 26,300* 25,600*	ft Jib ngle (i Load Padius	deg.) 30 Boom Angle	Pated Load	Load Radius (ft) 60.0 65.0 70.0	10 Boom Angle (deg.) 80.0 78.7 77.3	700 Offset Al Pated Load (ibs) 14,900* 14,400* 13,800*	ft Jib ngle (d Load Radius	deg.) 30 Boom Angle	Rate: Load
Load Padius (ft) 39.4 40.0	120 10 Boom Angle (deg.) 80.1 79.8	201 Boo 40 1 Offset Al Rated Load (lbs) 58,600* 58,400*	t Jib ngle (d Load Radius	deg.) 30 Boom Angle	Rated Load	Load Radius (ft) 46.3	10 Boom Angle (deg.) 80.0 79.4	60 f Offset Ar Pated Load (lbs) 46,700* 46,100*	t Jib ngle (i Load Radius	deg.) 30 Boom Angle	Rated Load	Load Radius (ft) 53.1 66.0	10 Boom Angle (deg.) 80.0 79.5	80 f Offset Al Paled Load (lbs) 26,600* 26,300*	ft Jib ngle (i Load Padius	deg.) 30 Boom Angle	Pated Load	Load Radius (ft) 60.0	10 Boom Angle (deg.) 80.0 78.7	100 Offset Al Rated Load (lbs) 14,900* 14,400*	ft Jib ngle (d Load Radius	deg.) 30 Boom Angle	Rate: Load
Load Padius (ft) 39.4 40.0 42.0 44.0	120 10 Boom Angle (deg.) 80.1 79.8 79.1 78.3	## A01 Offset A Pated Load (lbs) 58,600* 68,400* 57,600* 66,900*	t Jib ngle (d Load Radius	deg.) 30 Boom Angle	Rated Load	Load Radius (ft) 46.3 48.0 50.0 55.0	10 Boom Angle (deg.) 80.0 79.4 78.8 77.2	60 f Dffset Al Rated Load (lbs) 46,700* 45,500* 43,900*	t Jib ngle (i Load Radius (ft)	deg.) 30 Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft) 53.1 66.0 60.0	10 Boom Angle (deg.) 80.0 79.5 78.0 76.5	Rated Load (fbs) 26,600* 25,600* 24,700* 24,100* 23,400*	ft Jib ngle (i Load Padius	deg.) 30 Boom Angle	Pated Load	Load Radius (ft) 60.0 65.0 70.0 75.0	10 Boom Angle (deg.) 80.0 78.7 77.3 75.9	700 Offset Al Rated Load (ibs) 14,900* 14,400* 13,800* 13,300*	ft Jib ngle (d Load Radius	deg.) 30 Boom Angle	Rate: Load
Load adjus (ft) 39.4 40.0 44.0 45.0 48.0 50.0	120 10 Boom Angle (deg.) 80.1 79.8 79.1 78.3 77.6 76.9 76.1	7 Pace 401 P	t Jib ngle (d Load Radius (ft)	deg.) 30 Boom Angle (deg.)	Fated Load (ibs)	Load Radius (ft) 46.3 48.0 50.0 65.0 60.0 66.0 70.0	80.0 79.4 78.8 77.2 75.5 73.8 72.2	60 f Dffset Al Rated Load (fbs) 46,700* 46,100* 45,500* 43,900* 42,500* 41,100* 39,900*	Et Jib ngle (i Load Radius (ft) 64.3 66.0 70.0	80.0 79.8 78.0	Fated Load (lbs) 29,700° 29,700° 29,700°	Load Redius (ft) 53.1 66.0 65.0 70.0 76.0 80.0	80.0 79.6 78.0 76.5 75.0 73.5 72.0	Fated Load (ibs) 26,600* 26,300* 25,600* 24,700* 24,100* 23,400* 22,800*	Load Radius (ft)	deg.) 30 Boom Angle (deg.) 80.0 79.1	Rated Load (lbs) 17,800° 17,700°	Load Radius (ft) 60.0 65.0 70.0 75.0 80.0 85.0 90.0	70 Boom Angle (deg.) 80.0 78.7 77.3 75.9 74.6 73.2 71.8	700 Offset Al Rated Load (lbs) 14,900* 14,400* 13,800* 12,900* 12,600*	ft Jib ngle (d Load Radius (ft)	deg.) 30 Boom Angle (deg.)	Rates Loac (lbs)
Load addus (ft) 39.4 40.0 42.0 45.0 48.0 50.0 56.0	120 10 Boom Angle (deg.) 80.1 79.8 79.1 78.3 77.6 76.9 76.1 74.3	7 Boo 401 Offset A Rated Load (lbs) 58,600* 58,400* 57,600* 56,900* 56,900* 54,800* 63,200*	tt Jib ngle (d Load Radius (ft)	30 Boom Angle (deg.) 80.0 78.7	Fated Load (ibs) 42,500* 41,900*	Load Radius (ft) 46.3 48.0 50.0 60.0 66.0 70.0 75.0	70 Boom Angle (deg.) 80.0 79.4 78.8 77.2 75.5 73.8 72.2 70.5	60 f Diffset Ai Rated Load (lbs) 46,700* 46,100* 45,500* 43,900* 39,900* 38,700*	Et Jib ngle (i Load Radius (ft) 64.3 66.0 70.0 75.0	80.0 79.8 76.3	Pated Load (ibs) 29,700* 29,700* 29,700* 29,700* 29,300*	Load Radius (ft) 53.1 66.0 60.0 70.0 76.0 80.0 86.0	79.5 78.0 76.5 72.0 70.4	Rated Load (lbs) 26,600* 26,300* 25,600* 24,700* 24,100* 23,400* 22,800* 22,200*	ft Jib ngle (d Padius (ft) 77.0 80.0 85.0	deg.) 30 Boom Angle (deg.) 80.0 79.1 77.5	Rated Load (ibs) 17,800° 17,700° 17,400°	Load Radius (ft) 60.0 65.0 70.0 80.0 85.0 90.0 95.0	70 Boom Angle (deg.) 80.0 78.7 77.3 75.9 74.6 73.2 71.8 70.4	700 715set Al Rated Load (lbs) 14,900* 14,400* 13,800* 12,900* 12,000* 11,600*	ft Jib ngle (d Load Radius (ft) 90.2 96.0	30 Boom Angle (deg.) 80.0 78.6	9,40 9,30
Load adius (ft) 39.4 40.0 42.0 45.0 50.0 56.0 60.0	120 100 100 100 100 100 100 100	### Page 1	tt Jib ngle (d Padius (ft) 51.5 56.0 60.0	300 Boom Angle (deg.) 80.0 78.7 76.7	Fated Load (lbs) 42,500* 41,900* 41,000*	Load Redius (ff) 46.3 48.0 50.0 66.0 70.0 75.0 80.0	700 800m Angle (deg.) 80.0 79.4 78.8 77.2 75.5 73.8 72.2 70.5 68.7	Rated Load (lbs) 46,700* 46,100* 45,500* 43,900* 42,500* 38,700* 37,600*	Et Jib ngle (i Load Radius (ft) 64.3 66.0 70.0 75.0 80.0	80.0 79.8 78.0 76.3 74.5	29,700° 29,700° 29,700° 29,700° 29,300° 28,700°	Load Redius (ft) 53.1 66.0 60.0 70.0 76.0 80.0 85.0 90.0	79.5 78.0 76.5 75.0 73.5 72.0 70.4 68.8	Rated Load (lbs) 26,600* 26,300* 25,600* 24,700* 24,100* 22,800* 21,600*	Tr.0 80.0 90.0	30 Boom Angle (deg.) 80.0 79.1 77.5 75.9	Rated Load (ibs) 17,800* 17,700* 17,400* 16,900*	Load Radius (ft) 60.0 65.0 70.0 80.0 90.0 95.0 100.0	700 Boom Angle (deg.) 80.0 78.7 77.3 75.9 74.6 73.2 71.8 70.4 68.9	700 715 et Al Rated Load (lbs) 14,900* 14,400* 13,800* 12,900* 12,000* 11,600* 11,300*	ft Jib ngle (d Padius (ft) 90.2 96.0 100.0	30 Boom Angle (deg.) 80.0 78.6 77.1	9,40 9,30 9,20
Load addus (ft) 39.4 40.0 42.0 45.0 48.0 50.0 56.0	120 100 100 100 100 100 100 100	7 Boo 401 Offset A Rated Load (lbs) 58,600* 58,400* 57,600* 56,900* 56,900* 54,800* 63,200*	tt Jib ngle (d Load Radius (ft)	30 Boom Angle (deg.) 80.0 78.7	Fated Load (ibs) 42,500* 41,900*	Load Radius (ft) 46.3 48.0 50.0 60.0 66.0 70.0 75.0	70 Boom Angle (deg.) 80.0 79.4 78.8 77.2 75.5 73.8 72.2 70.5	60 f Diffset Ai Rated Load (lbs) 46,700* 46,100* 45,500* 43,900* 39,900* 38,700*	Et Jib ngle (i Load Radius (ft) 64.3 66.0 70.0 75.0	80.0 79.8 76.3	Pated Load (ibs) 29,700* 29,700* 29,700* 29,700* 29,300*	Load Radius (ft) 53.1 66.0 60.0 70.0 76.0 80.0 86.0	79.5 78.0 76.5 72.0 70.4	Rated Load (lbs) 26,600* 26,300* 25,600* 24,700* 24,100* 23,400* 22,800* 22,200*	ft Jib ngle (d Padius (ft) 77.0 80.0 85.0	deg.) 30 Boom Angle (deg.) 80.0 79.1 77.5	Rated Load (ibs) 17,800° 17,700° 17,400°	Load Radius (ft) 60.0 65.0 70.0 80.0 85.0 90.0 95.0	70 Boom Angle (deg.) 80.0 78.7 77.3 75.9 74.6 73.2 71.8 70.4	700 715set Al Rated Load (lbs) 14,900* 14,400* 13,800* 12,900* 12,000* 11,600*	ft Jib ngle (d Load Radius (ft) 90.2 96.0	30 Boom Angle (deg.) 80.0 78.6	9,40 9,30 9,20 8,80
Load addus (ft) 39.4 40.0 42.0 45.0 55.0 66.0 65.0 70.0 76.0	120 10 10 10 10 10 10 10 10 10 1	7.500° 6.900° 5.1,700° 6.200° 4.800° 4.800° 4.600°	Load Radius (ft) 51.5 56.0 60.0 70.0 75.0	80.0 78.7 74.8 70.8	Fated Load (lbs) 42,500* 41,900* 41,000* 33,500* 37,100*	Load Redius (ft) 46.3 48.0 50.0 66.0 70.0 75.0 80.0 86.0 90.0 95.0	79.4 78.8 77.2 75.5 73.8 72.2 70.5 68.7 67.0 65.2 63.4	Rated Load (lbs) 46,700* 46,100* 45,500* 43,900* 42,500* 38,700* 37,600* 35,800* 34,800*	Load Radius (tt) 64.3 66.0 70.0 75.0 80.0 85.0 90.0 95.0	80.0 79.8 74.5 70.8 89.0	29,700° 29,700° 29,700° 29,700° 29,700° 28,700° 28,200° 27,400° 26,500°	Load Padius (ft) 53.1 56.0 60.0 65.0 70.0 75.0 86.0 99.0 95.0 100.0 110.0	70.5 73.5 72.0 70.4 68.8 67.3 65.7 62.4	Rated Load (fbs) 26,600* 26,300* 25,600* 24,700* 24,100* 22,200* 21,600* 21,000* 20,500* 19,300*	77.0 85.0 90.0 91.0 100.0	80.0 79.1 77.5 75.9 74.3 72.6 69.2	77,800* 17,700* 17,700* 16,900* 16,500* 16,200* 16,700*	Load Radius (ft) 60.0 65.0 70.0 75.0 80.0 95.0 110.0 112.0 130.0	70.4 68.9 78.7 77.3 75.9 74.6 73.2 71.8 70.4 68.9 66.0 60.0	700 7fset Aled Load (lbs) 14,900* 14,400* 13,800* 12,900* 12,000* 11,600* 10,600* 10,000* 9,500*	90.2 90.2 96.0 110.0 120.0	80.0 77.1 74.0 70.9 67.7	9,40 9,30 9,20 8,80 8,50 8,10
200 de la companya de	120 10 10 10 10 10 10 10 10 10 1	7,500* 6,000* 6,000* 5,000* 5,000* 5,000* 5,000* 5,000* 5,000* 5,000* 6,000* 4,800* 4,800* 4,600* 46,400*	Load Radius (ft) 51.5 56.0 60.0 70.0 75.0 80.0	80.0 78.7 76.7 74.8 72.8 68.7	42,500* 41,900* 41,000* 40,000* 38,500* 37,100* 35,800*	Load Redius (ft) 46.3 48.0 55.0 66.0 70.0 75.0 86.0 99.0 95.0 100,0	70.5 68.7 77.0 75.5 73.8 72.2 70.5 68.7 67.0 65.2 63.4 61.6	Rated Load (fbs) 46,700* 46,100* 45,500* 43,900* 42,500* 38,700* 37,600* 36,600* 33,600* 33,600*	Load Redius (ft) 64.3 66.0 70.0 75.0 80.0 85.0 90.0 910.0	80.0 79.8 78.0 70.8 80.0 79.8 78.0 76.3 74.5 70.8 69.0 67.1	29,700° 29,700° 29,700° 29,700° 29,700° 28,700° 28,200° 27,400° 26,500° 25,700°	Load Redius (ft) 53.1 66.0 65.0 70.0 76.0 85.0 99.0 95.0 110.0 120.0	70.5 80.0 79.5 78.0 76.5 75.0 73.5 72.0 70.4 68.8 67.3 65.7 62.4 59.0	Raled Load (fbs) 26,600* 26,300* 24,700* 24,100* 22,800* 21,600* 21,000* 21,000* 19,300* 18,500*	77.0 80.0 85.0 90.0 110.0	80.0 79.1 77.5 75.9 74.3 72.6 69.2 65.6	77,800* 17,800* 17,700* 17,700* 16,900* 16,500* 16,200* 15,100*	Load Radius (tt) 60.0 65.0 70.0 80.0 85.0 90.0 95.0 110.0 120.0 140.0 140.0	100 Boom Angle (deg.) 78.7 77.3 75.9 74.6 73.2 71.8 70.4 68.9 66.0 63.0 60.0 56.7	700 7fset Al Rated Load (lbs) 14,900* 14,400* 13,800* 12,900* 12,600* 11,600* 10,600* 10,000* 9,600* 9,100*	90.2 90.2 96.0 110.0 120.0 140.0	80.0 78.6 77.1 74.0 70.9 67.7 64.3	9,40 9,30 9,20 8,80 8,50 8,10 7,80
40.0 44.0 45.0 65.0 65.0 76.0 80.0 85.0	120 10 10 10 10 10 10 10 10 10 1	75,600* 56,000* 56,000* 56,000* 56,000* 56,000* 56,000* 56,000* 56,000* 54,800* 63,200* 48,800* 47,600* 48,600* 46,400* 46,400*	Load Radius (ft) 51.5 56.0 60.0 65.0 70.0 86.0 85.0	80.0 78.7 76.7 74.8 72.8 68.7 66.7	42,500* 41,900* 41,000* 40,000* 38,500* 37,100* 35,800* 34,600*	Load Redius (ft) 46.3 48.0 55.0 66.0 70.0 75.0 86.0 99.0 95.0 100.0 110.0	70.5 68.7 70.5 68.7 67.0 65.2 63.4 61.6 67.8	Rated Load (fbs) 46,700* 46,100* 45,500* 43,900* 42,500* 38,700* 37,600* 36,600* 33,600* 33,600* 30,800*	Load Redius (ft) 64.3 66.0 70.0 75.0 80.0 85.0 90.0 910.0 110.0	80.0 79.8 78.0 70.8 89.0 76.3 74.5 72.7 70.8 69.0 67.1 63.1	29,700° 29,700° 29,700° 29,700° 29,700° 28,700° 28,200° 27,400° 26,500° 24,200°	Load Redius (ft) 53.1 66.0 65.0 70.0 76.0 85.0 99.0 95.0 110.0 120.0 130.0	70.6 70.6 80.0 79.6 78.0 76.5 75.0 70.4 68.8 67.3 65.7 62.4 59.0 56.4	Rated Load (fbs) 26,600* 26,300* 25,600* 24,700* 24,100* 22,800* 21,600* 21,000* 21,000* 19,300* 11,700*	77.0 80.0 85.0 90.0 110.0 130.0	80.0 79.1 77.5 75.9 74.3 72.6 69.2 65.6 61.9	77,800° 17,700° 17,700° 16,900° 16,500° 16,700° 15,100° 14,600°	Load Radius (tt) 60.0 65.0 70.0 86.0 99.0 95.0 100.0 120.0 140.0 160.0	100 Boom Angle (deg.) 78.7 77.3 75.9 74.6 73.2 71.8 70.4 68.9 66.0 63.0 60.0 56.7 63.4	700 7fset Al Rated Load (lbs) 14,900* 14,400* 13,800* 12,900* 12,000* 11,600* 10,000* 9,600* 9,100* 8,800*	90.2 96.0 110.0 120.0 140.0 160.0	80.0 78.6 77.1 74.0 70.9 64.3 60.8	9,40 9,30 9,20 8,80 8,50 8,10 7,70
40.0 44.0 45.0 66.0 66.0 76.0 80.0	120 100 100 100 100 100 100 100	7,500* 6,000* 6,000* 5,000* 5,000* 5,000* 5,000* 5,000* 5,000* 5,000* 6,000* 4,800* 4,800* 4,600* 46,400*	Load Radius (ft) 51.5 56.0 60.0 70.0 75.0 80.0	80.0 78.7 76.7 74.8 72.8 68.7	42,500* 41,900* 41,000* 40,000* 38,500* 37,100* 35,800*	Load Redius (ft) 46.3 48.0 55.0 66.0 70.0 75.0 86.0 99.0 95.0 100,0	70.5 68.7 70.5 68.7 67.0 65.2 63.4 61.6 67.8	Rated Load (fbs) 46,700* 46,100* 45,500* 43,900* 42,500* 38,700* 37,600* 36,600* 33,600* 33,600*	Load Redius (ft) 64.3 66.0 70.0 75.0 80.0 85.0 90.0 910.0	80.0 79.8 78.0 70.8 80.0 79.8 78.0 76.3 74.5 70.8 69.0 67.1	29,700° 29,700° 29,700° 29,700° 29,700° 28,700° 28,200° 27,400° 26,500° 25,700°	Load Redius (ft) 53.1 66.0 65.0 70.0 76.0 85.0 99.0 95.0 110.0 120.0	70.5 80.0 79.5 78.0 76.5 75.0 73.5 72.0 70.4 68.8 67.3 65.7 62.4 59.0	Raled Load (fbs) 26,600* 26,300* 24,700* 24,100* 22,800* 21,600* 21,000* 21,000* 19,300* 18,500*	77.0 80.0 85.0 90.0 110.0	80.0 79.1 77.5 75.9 74.3 72.6 69.2 65.6	77,800* 17,800* 17,700* 17,700* 16,900* 16,500* 16,200* 15,100*	Load Radius (tt) 60.0 65.0 70.0 80.0 85.0 90.0 95.0 110.0 120.0 140.0 140.0	100 Boom Angle (deg.) 78.7 77.3 75.9 74.6 73.2 71.8 70.4 68.9 66.0 63.0 60.0 56.7	700 7fset Al Rated Load (lbs) 14,900* 14,400* 13,800* 12,900* 12,600* 11,600* 10,600* 10,000* 9,600* 9,100*	90.2 90.2 96.0 110.0 120.0 140.0	80.0 78.6 77.1 74.0 70.9 67.7 64.3	9,40 9,30 9,20 8,80 8,50 8,10 7,70 7,40
44.0 44.0 45.0 46.0 46.0 66.0 66.0 70.0 85.0 90.0 96.0	120 100 100 100 100 100 100 100	75,600* 56,000* 56,000* 56,000* 56,000* 56,000* 56,000* 56,000* 56,000* 48,800* 47,600* 48,800* 47,600* 44,000*	Load Radius (tt) 51.5 56.0 60.0 65.0 70.0 86.0 90.0	80.0 78.7 76.7 74.8 70.8 68.7 66.7 64.5	42,500° 41,900° 41,000° 40,000° 38,500° 37,100° 34,600° 33,600° 32,700° 31,900°	Load Redius (ft) 46.3 48.0 55.0 66.0 70.0 75.0 80.0 86.0 99.0 100.0 110.0 120.0	70.5 68.7 77.2 70.5 68.7 67.0 65.2 63.4 61.6 67.8 53.8	Rated Load (lbs) 46,700* 46,100* 45,500* 42,500* 41,100* 39,900* 37,600* 36,600* 33,600* 33,600* 30,800* 28,400*	Load Redius (ft) 64.3 66.0 70.0 75.0 80.0 85.0 99.0 110.0 1120.0	80.0 79.8 78.0 76.3 74.5 70.8 69.0 67.1 63.1 59.0	29,700° 29,700° 29,700° 29,700° 29,700° 28,700° 28,700° 26,500° 25,700° 24,200° 21,900° 21,000°	Load Redus (ft) 53.1 66.0 60.0 65.0 70.0 76.0 86.0 99.0 95.0 110.0 120.0 120.0 140.0 140.0	76.5 72.0 70.4 68.8 67.3 65.7 62.4 59.0 55.4 51.7	Raled Load (fbs) 26,600* 26,600* 26,600* 24,700* 24,100* 22,800* 21,600* 21,000* 21,000* 19,300* 11,700* 16,800*	77.0 80.0 85.0 90.0 110.0 120.0 140.0	80.0 79.1 77.5 75.9 74.3 72.6 69.2 65.6 61.9 57.9	7,800* 17,800* 17,700* 17,700* 16,900* 16,500* 16,200* 14,600* 14,200*	Load Radius (tt) 60.0 65.0 70.0 86.0 90.0 95.0 100.0 110.0 120.0 140.0 160.0 160.0	100 Boom Angle (deg.) 78.7 77.3 75.9 74.6 73.2 71.8 70.4 68.9 66.0 63.0 60.0 56.7 53.4 49.9	700 7fset Al Rated Load (lbs) 14,900* 14,400* 13,800* 12,900* 12,600* 11,600* 10,600* 10,000* 9,600* 9,100* 8,800* 8,300*	90.2 96.0 110.0 110.0 110.0 150.0 160.0	80.0 77.1 74.0 70.9 64.3 60.8 57.0	9,40 9,30 9,20 8,50 8,10 7,70 7,40
44.0 44.0 44.0 44.0 45.0 46.0 60.0 65.0 70.0 76.0 86.0 90.0 90.0 91.0 91.0 91.0	120 100 100 100 100 100 100 100	75,600* 68,400* 58,600* 58,600* 58,600* 58,600* 58,600* 58,600* 58,900* 58,900* 51,700* 60,200* 48,800* 47,600* 44,000* 44,000* 44,000* 44,000* 41,700* 39,500*	Load Radius (t) 51.5 56.0 60.0 65.0 70.0 86.0 90.0 9100.0 110.0	80.0 78.7 76.7 74.8 72.8 68.7 66.7 64.5 62.3 60.1 56.4	42,500* 41,900* 41,000* 40,000* 38,500* 37,100* 33,600* 32,700* 31,900* 30,4004	Load Redius (ft) 46.3 48.0 50.0 66.0 70.0 75.0 80.0 86.0 90.0 110.0 112.	70.5 68.7 77.2 70.5 68.7 67.0 65.2 63.4 61.6 67.8 63.8 49.5 49.5 40.0	## Rated Load (lbs) 46,700° 46,100° 45,500° 41,100° 39,900° 37,600° 36,600° 33,600° 34,800° 28,400° 26,400° 24,500° 23,200° 23,200°	Load Radius (ft) Load Radius (ft) 64.3 66.0 70.0 75.0 80.0 85.0 90.0 110.0 1120.0 1120.0 1140.0 1150.0	80.0 79.8 78.0 76.3 74.5 72.7 70.8 69.0 67.1 63.1 59.0 54.5 49.7 44.3	29,700° 29,700° 29,700° 29,700° 29,700° 29,700° 28,700° 28,200° 27,400° 26,500° 21,900° 21,900° 21,000° 20,300°	Load Redux (ft) 53.1 66.0 60.0 65.0 70.0 70.0 95.0 100.0 120.0 120.0 140.0 160.0 170.0 170.0	76.5 77.6 77.6 77.6 77.6 77.6 77.6 77.6	Raled Load (lbs) 26,600* 26,300* 24,700* 24,100* 22,800* 21,600* 21,000* 20,500* 19,300* 16,800* 16,100* 15,700* 16,000* 15,700* 16,000*	77.0 80.0 85.0 90.0 110.0 120.0 140.0 160.0 170.	80.0 79.1 77.5 75.9 74.3 72.6 69.2 65.6 61.9 57.9 49.1 44.0	7,800° 17,800° 17,700° 17,700° 16,900° 16,500° 16,200° 14,600° 14,200° 13,500° 13,500° 13,400°	Load Radius (ft) 60.0 65.0 70.0 80.0 95.0 100.0 110.0 120.0 150.0 170.0 180.0 190.0 190.0 190.0 190.0	78.7 77.3 75.9 74.6 73.2 71.8 70.4 68.9 66.0 63.0 60.0 56.7 53.4 49.9 46.1 42.0 37.5	7,500*	90.2 96.0 110.0 110.0 120.0 130.0 140.0 150.0 180.0 190.0	80.0 77.1 74.0 70.9 67.7 64.3 60.8 57.0 63.0 48.6 43.7	9,400 9,300 9,200 8,500 8,700 7,400 7,200 7,100 6,800
Load (ft) 39.4 40.0 42.0 44.0 45.0 65.0 65.0 77.0 76.0 85.0 99.0 99.0 100.0 110.0 120.0	120 50 50 50 50 68 69 79 178 178 178 178 178 178 178 178	## Act of Control	Load Radius (ft) 51.5 56.0 60.0 75.0 80.0 85.0 96.0 100.0 110.0	80.0 78.7 74.8 72.8 68.7 66.7 64.5 62.3 60.1 65.4 50.3	42,500° 41,900° 41,000° 40,000° 33,500° 32,700° 31,900° 30,400° 29,100°	A6.3 48.0 50.0 65.0 70.0 75.0 80.0 85.0 100.0 110.0 120.0 130.0 150.0 160.0 160.0 160.0 160.0 160.0 160.0	70 Boom 79.4 78.8 77.2 75.5 73.8 72.2 70.5 68.7 67.0 65.2 45.0 40.0 34.3	Rated Load (lbs) 46,700° 45,500° 42,500° 37,600° 35,800° 28,400° 24,600° 24,600° 22,000° 22,000°	64.3 65.0 70.0 75.0 80.0 80.0 90.0 110.0 120.0 140.0 150.0	80.0 79.8 78.0 70.3 74.5 72.7 70.8 69.0 63.1 59.0 64.3 49.7 44.3 38.0	29,700° 29,700° 29,700° 29,700° 29,300° 28,700° 28,200° 24,200° 24,200° 21,900° 21,900° 21,900° 21,900° 19,800°	Loed Redius (ft) 53.1 56.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 1100.0 120.0 140.0 160.0 170.0 180.0	70.5 80.0 79.5 78.0 76.5 75.0 73.5 72.0 70.4 68.8 67.3 65.4 59.0 65.4 47.7 43.4 38.7 33.3	Rated Load (lbs) 26,600* 25,600* 24,100* 22,800* 21,000* 21,000* 11,700* 16,800* 15,700* 14,600* 14,600*	77.0 Load Radius (it) 77.0 80.0 85.0 90.0 95.0 120.0 120.0 140.0 120.0 140.0 160.0 170.0 180.0	80.0 79.1 77.5 75.9 74.3 72.6 65.6 65.7 49.1 44.0 37.9	77,800° 17,800° 17,700° 17,700° 16,600° 16,700° 15,100° 14,600° 14,200° 13,900° 13,400°	Load Radius (ft) 60.0 65.0 70.0 75.0 80.0 95.0 100.0 120.0 150.0 160.0 170.0 150.0 190.0 200.0	70.0 Soorm (deg.) 80.0 78.7 77.3 75.9 74.6 73.2 71.8 70.4 68.9 66.0 63.0 63.0 48.1 42.0 37.5 32.4	7,000 7,200* 7,200* 100 7,200* 100 100 100 100 100 100 100	90.2 95.0 100.0 110.0 120.0 140.0 150.0 170.0 180.0 190.0 200.0	80.0 78.6 77.1 74.0 60.8 57.0 63.0 48.6 43.7 37.8	9,40 9,30 9,20 8,80 8,10 7,70 7,40 7,20 6,80 6,50
Load dadius (ft) 40.0 42.0 44.0 42.0 46.0 65.0 70.0 85.0 90.0 95.0 100.0 110.0 120.0 130.0	120 50 50 50 50 50 51 51 52 51 51 51 51 51 51 51 51 51 51	7.00° 55,00° 58,600° 56,900° 57,700° 56,900° 51,700° 50,200° 47,800° 46,400° 44,000° 42,900° 41,700° 39,500° 37,200° 36,000°	Load Radius (ft) 51.5 56.0 60.0 75.0 80.0 85.0 96.0 100.0 110.0 130.0	80.0 78.7 74.8 70.8 66.7 64.5 62.3 60.1 55.4 50.3 44.7	42,500° 41,900° 41,000° 40,000° 33,500° 32,700° 31,900° 30,400° 29,100° 28,300°	Load Redius (ft) 46.3 48.0 50.0 66.0 70.0 75.0 80.0 86.0 90.0 110.0 112.	70.5 68.7 77.2 70.5 68.7 67.0 65.2 63.4 61.6 67.8 53.8 49.5 49.5 40.0	## Rated Load (lbs) 46,700° 46,100° 45,500° 41,100° 39,900° 37,600° 36,600° 33,600° 34,800° 28,400° 26,400° 24,500° 23,200° 23,200°	64.3 65.0 70.0 75.0 80.0 85.0 90.0 110.0 120.0 130.0 140.0 170.0	80.0 79.8 78.0 76.3 74.5 72.7 70.8 69.0 63.1 59.0 64.3 49.7 44.3 38.0 30.2	29,700° 29,700° 29,700° 29,700° 29,300° 28,700° 28,200° 26,500° 24,200° 21,900° 21,900° 21,900° 19,800° 19,600°	Load Redux (ft) 53.1 66.0 60.0 65.0 70.0 70.0 95.0 100.0 120.0 120.0 140.0 160.0 170.0 170.0	76.5 77.6 77.6 77.6 77.6 77.6 77.6 77.6	Raled Load (lbs) 26,600* 26,300* 24,700* 24,100* 22,800* 21,600* 21,000* 20,500* 19,300* 16,800* 16,100* 15,700* 16,000* 15,700* 16,000*	77.0 Room 100.0 11	80.0 79.1 77.5 75.9 74.3 72.6 66.9 57.9 63.7 49.1 44.0 37.9 30.2	77,800° 17,800° 17,700° 17,700° 16,600° 16,600° 14,200° 13,900° 13,400° 13,400° 13,400° 13,400°	Load Radius (ft) 60.0 65.0 70.0 80.0 95.0 100.0 110.0 120.0 150.0 170.0 180.0 190.0 190.0 190.0 190.0	70.0 Soorm (deg.) 80.0 78.7 77.3 75.9 74.6 73.2 71.8 70.4 68.9 66.0 63.0 63.0 48.1 42.0 37.5 32.4	7,500*	90.2 95.0 100.0 110.0 120.0 150.0 170.0 180.0 190.0 200.0 201.0	80.0 78.6 77.1 74.0 60.8 57.0 63.0 48.6 43.7 37.8 30.2	9,400 9,300 9,200 8,500 7,700 7,200 6,800 6,500 6,100
Coad (ft) 39.4 40.0 42.0 44.0 45.0 65.0 65.0 70.0 76.0 85.0 99.0 99.0 99.0 110.0 20.0	120 50 50 50 50 68 69 79.1 78.3 77.6 76.9 76.1 74.3 72.4 70.5 68.6 66.6 66.6 66.5 68.4 56.3 61.7 46.9 41.5 35.5	## Act of Control	Load Radius (ft) 51.5 56.0 60.0 75.0 80.0 85.0 96.0 100.0 110.0	80.0 78.7 74.8 70.8 66.7 64.5 62.3 60.1 55.4 50.3 44.7 38.2 30.2	42,500° 41,900° 41,000° 40,000° 33,500° 32,700° 31,900° 30,400° 29,100°	A6.3 48.0 50.0 65.0 70.0 75.0 80.0 85.0 100.0 110.0 120.0 130.0 150.0 160.0 160.0 160.0 160.0 160.0 160.0	70 Boom 79.4 78.8 77.2 75.5 73.8 72.2 70.5 68.7 67.0 65.2 45.0 40.0 34.3	Rated Load (lbs) 46,700° 45,500° 42,500° 37,600° 35,800° 28,400° 24,600° 24,600° 22,000° 22,000°	64.3 65.0 70.0 75.0 80.0 80.0 90.0 110.0 120.0 140.0 150.0	80.0 79.8 78.0 70.3 74.5 72.7 70.8 69.0 63.1 59.0 64.3 49.7 44.3 38.0	29,700° 29,700° 29,700° 29,700° 29,300° 28,700° 28,200° 24,200° 24,200° 21,900° 21,900° 21,900° 21,900° 19,800°	Loed Redius (ft) 53.1 56.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 1100.0 120.0 140.0 160.0 170.0 180.0	70.5 80.0 79.5 78.0 76.5 75.0 73.5 72.0 70.4 68.8 67.3 65.4 59.0 65.4 47.7 43.4 38.7 33.3	Rated Load (lbs) 26,600* 25,600* 24,100* 22,800* 21,000* 21,000* 11,700* 16,800* 15,700* 14,600* 14,600*	77.0 Load Radius (it) 77.0 80.0 85.0 90.0 95.0 120.0 120.0 140.0 120.0 140.0 160.0 170.0 180.0	80.0 79.1 77.5 75.9 74.3 72.6 65.6 65.7 49.1 44.0 37.9	77,800° 17,800° 17,700° 17,700° 16,600° 16,700° 15,100° 14,600° 14,200° 13,900° 13,400°	Load Radius (ft) 60.0 65.0 70.0 75.0 80.0 95.0 100.0 120.0 150.0 160.0 170.0 150.0 190.0 200.0	70.0 Soorm (deg.) 80.0 78.7 77.3 75.9 74.6 73.2 71.8 70.4 68.9 66.0 63.0 63.0 48.1 42.0 37.5 32.4	7,000 7,200* 7,200* 100 7,200* 100 100 100 100 100 100 100	90.2 95.0 100.0 110.0 120.0 140.0 150.0 170.0 180.0 190.0 200.0	80.0 78.6 77.1 74.0 60.8 57.0 63.0 48.6 43.7 37.8	9,40 9,30 9,20 8,80 8,50 7,70 7,40 7,20 6,80 6,50

Note: Designed and rated to comply with ANSI Code B30.5

130' Boom

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

	10			30			10			30			10			30		1	10		1	30	
Load Radius		Rated Load	Load Radius	Boom Angle	Rated Load	Load Radius	Boom Angle	Rated Load	Load Padius	Boom Angle	Rated Load	Load Padius	Boom Angle	Rated Load	Load Radius	Boom Angle	Rated Load	Load Padius	Boom. Angle	Pated Load	Load Radius	Boom Angle	Rated Load
(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(ibs)
41.3	80.0 79.7	58,400* 58,100 *				47.9 48.0	80.0 79.9	46,700* 46,700*	11		-	54.8 55.0	80.0 79.9	26,600* 26,600*	12	111		61.7 65.0	80.0 79.2	14,900*			
44.0	79.0	57,500°				50.0	79.4	46,100*				60.0	78.6	25,800°				70.0	77.9	14,100"			
46.0	78.4	56,800"				55.0	77.9	44,600*	1			65.0	77.2	25,200*				75.0	76.6	13,600"			
48.0	77.7	56,100*				60.0	76.3	43,100*				70.0	75.7	24,500°				80.0	75.3	13,100			
50.0	77.0	55,500°	53.1	80.0	42,300*	65.0	74.7	41,800*	65.9	80.0	29,700*	76.0	74.3	23,800*	79.0	80.0	17,800*	85.0	74.0	12,800*			
55.0	75.2	53,900*	55.0	79.4	42,000*	70.0	73.1	40,600"	70.0	78.7	29,700	80.0	72.9	23,100"	80.0	79.7	17,700*	90.0	72.6	12,300	91.8	80.0	9,700
60.0	73.5	52,400°	60.0	77.6	41,300"	75.0	71.5	39,400"	75.0	77.1	29,400"	85.0	71.4	22,600*	85.0	78.2	17,400"	95.0	71.3	11,900"	95.0	79.1	9,400
65.0	71.7	51,000	65.0	75.7	40,600*	80.0	69.9	38,300"	80,0	75.4	29,000°	90.0	69.9	22,000*	90.0	76.6	17,100×	100.0	69.9	11,500×	100.0	77.7	9,200
70.0	69,9	49,700	70.0	73.9	39,200°	85.0	68.3	37,300°	85.0	73.7	28,600*	95.0	68,4	21,500*	95.0	75.1	16,700*	110.0	67.2	10,900*	110.0	74.8	8,800
75.0	68.1	48,400*	75.0	72.0	37,900*	90.0	66.6	36,400°	90.0	72.0	27,800*	100.0	66.9	20,900*	100.0	73.5	16,400*	120.0	64.4	10,400*	120.0	71.9	8,500
80.0	66.2	47,100*	80.0	70.1	36,700*	95.0	64.9	35,600*	95.0	70.2	27,000*	110.0	63.8	19,700*	110.0	70.3	15,900*	130.0	61.4	9,700*	130.0	68.9	8,100
85.0	64.4	45,900*	85.0	68.2	35,500*	100.0	63.2	34,600*	100.0	68.5	26,200*	120.0	60.7	18,900*	120.0	67.0	15,300*	140.0	58,4	9,400*	140.0	65.7	8,000
90.0	62.5	44,500"	90.0	66.3	34,500"	110.0	59.7	32,100*	110.0	64.8	24,700*	130.0	57.4	18,100*	130.0	63.6	14,800*	160.0	55.3	9,000*	150.0	62.5	7,700
95.0	60.5	43,400*	95.0	64.3	33,500*	120.0	56.0	29,600*	120.0	61.0	23,500*	140.0	53.9	17,200*	140.0	59.9	14,400"	160.0	52.1	8,500*	160.0	59.0	7,600
100.0	58.5	42,300°	100.0	62.2	32,600*	130.0	62.2	27,500*	130.0	57.0	22,300*	150.0	50.3	16,500*	160.0	56.1	14,100*	170.0	48.6	8,300*	170.0	55.4	7,400
110.0	54.4	40,000*	110.0	57.9	31,100*	140.0	48.1	25,700*	140.0	52.7	21,600*	160.0	46.4	16,000*	160.0	52.0	13,800*	180.0	44.9	8,000*	180.0	51.4	7,200
120.0	60.0	37,700	120.0	53.4	29,700*	150.0	43.7	24,100*	150.0	48.0	20,700*	170.0	42.2	15,400*	170.0	47,5	13,400*	190.0	41.0	7,700	190.0	47.1	7,200
130.0	45.3	35,700	130.0	48.5	28,700*	160.0	38.8	22,800*	160.0	42.7	20,100*	180.0	37.6	15,000*	180.0	42.5	13,400*	200.0	36.6	7,400*	200.0	42.2	6,900
140.0	40.2	33,700	140.0	43.0	28,000*	170.0	33.3	21,600*	170.0	36.7	19,800*	190.0	32.4	14,500*	190.0	36.6	13,400*	210.0	31.6	7,200*	210.0	36.5	6,60
150.0	34.3	31,500	150.0	36,8	27,300*	175.1	30.0	21,100*	178.8	30.0	19,600*	194.2	30.0	14,300	198.8	30.0	13,400*	212.9	30.0	6,800*	218.8	30.0	5,90
156,4	30.0	29,700	168.7	30.0	27,300*													11					
					1								,										
Ree	-	2	Ree	ves	2	Ree	ves	2	Ree	ves	-1	Ree	ves	1	Ree	ves	1	Ree	ves	1	Ree	ves	1
	140)' Boo	m																				
		401	t Jib	200				60 t	t Jib					801	t Jib					100	ft Jib		
	(Offset A	ngle (d	deg.)			(Offset Al	ngle (d	deg.)			(Offset A	ngle (d	leg.)			(Offset A	ngle (c	deg.)	
	10			30			10			30			10			30			10			30	
Load	Boom	Pated	Load	Boom	Pated	Load	Boom	Pated	Load	Boom	Rated	Load	Boom	Rated	Load	Boom	Rated	Load	Boom	Pated	Load	Boom	Pateo
adius (ft)	Angle (deg.)	Load (lbs)	Radius (ft)	Angle (deg.)	Load (lbs)	Radius (ft)	Angle (deg.)	Load (lbs)	Radius (ft)	Angle (deg.)	Load (lbs)	Radius (ft)	Angle (deg.)	Load (lbs)	Radius (ft)	Angle (deg.)	Load (lbs)	Padius (ft)	Angle (deg.)	Load (lbs)	Radius (ft)	Angle (deg.)	(lbs)
	80.0	58,400*		1		49.9	80.0	46,700*			-	56.8	80.0	26,600*			1	63.3	80.0	14,900"			
400		C. C				50.0	79.9	46,600*				60.0	79.1	26,200*				65.0	79.6	14,800*			
43.0	79.7	58.100°																	C 23-				
43.0 44.0	79.7 79.0	57,500*				2,732	78.5	45,100*				65.0	77.8	25,400*				The state of	78.4	14.300*		1	
43.0 44.0 46.0	79.0	57,500*				55.0	78.5 77.0	45,100* 43,800*				65.0 70.0	77.8 76.4	25,400* 24,700*				70.0	78.4 77.2	14,300"			
43.0 44.0 46.0 48.0	79.0 78.4	57,500* 56,800 *				55.0 60.0	77.0	43,800*	67.9	80.0	29.700*	70.0	76.4	24,700*				70.0 75.0	77.2	13,800*			
43.0 44.0 46.0	79.0	57,500*	55.1	80.0	42,300*	55.0			67.9 70.0	80.0 79.3	29,700* 29,700 *	55.0			80.7	80.0	17,800*	70.0					
43.0 44.0 46.0 48.0 50.0	79.0 78.4 77.7	57,500* 56,800* 56,100*	55.1 60.0	80.0 78.3	42,300 * 41,700*	55.0 60.0 65.0	77.0 75.5	43,800* 42,400*	1000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ca. 22 - 23 - 1	70.0 75.0	76.4 75.0	24,700 ° 24,000°	80.7 85.0	80.0 78.8	17,800 *	70.0 75.0 80.0	77.2 75.9	13,800 * 13,300*	93.5	80.0	9,700
43.0 44.0 46.0 48.0 50.0 55.0	79.0 78.4 77.7 76.1	57,500° 56,800° 56,100° 54,600 °	Dec.		0.1 535.5	55.0 60.0 65.0 70.0	77.0 75.5 74.0	43,800* 42,400* 41,200*	70.0	79.3	29,700*	70.0 75.0 80.0	76.4 75.0 73.7	24,700* 24,000* 23,400*	100000	22.2	Carlo consti	70.0 75.0 80.0 85.0	77.2 75.9 74.7	13,800° 13,300° 13,000° 12,500°	93,5 96.0	80.0 79.6	9,700 9,60 0
43.0 44.0 46.0 48.0 50.0 50.0 60.0	79.0 78.4 77.7 76.1 74.4 72.8	57,500* 66,800* 56,100* 54,600* 53,300*	60.0	78.3	41,700*	55.0 60.0 65.0 70.0 75.0	77.0 75.5 74.0 72.5	43,800* 42,400* 41,200* 40,100*	70.0 75.0	79.3 77.8	29,700* 29,500*	70.0 75.0 80.0 85.0	76.4 75.0 73.7 72.3	24,700* 24,000* 23,400* 22,900*	85.0	78.8	17,600*	70.0 75.0 80.0 85.0 90.0	77.2 75.9 74.7 73.4	13,800° 13,300° 13,000°	1222	25.27	2.00
43.0 44.0 46.0 48.0 50.0 60.0 66.0	79.0 78.4 77.7 76.1 74.4 72.8 71.1	57,500° 56,800° 56,100° 54,600° 53,300° 51,900°	60.0 66.0	78.3 76.6	41,700* 41,000*	55.0 60.0 65.0 70.0 75.0 80.0	77.0 75.5 74.0 72.5 71.0	43,800* 42,400* 41,200* 40,100* 38,900*	70.0 75.0 80.0	79.3 77.8 76.2	29,700* 29,500* 29,200*	70.0 75.0 80.0 85.0 90.0	76.4 75.0 73.7 72.3 70.9	24,700* 24,000* 23,400* 22,900* 22,400*	85.0 90.0	78.8 77.3	17,600° 17,300 °	70.0 7 5.0 80.0 85.0 90.0 95.0	77.2 75.9 74.7 73.4 72.1	13,800* 13,300* 13,000* 12,500* 12,100*	95.0	79.6	9,600
43.0 44.0 46.0 48.0 50.0 56.0 60.0 70.0	79.0 78.4 77.7 76.1 74.4 72.8 71.1 69.4	57,500° 56,800° 56,100° 54,600° 53,300° 51,900° 50,600°	60.0 66.0 70.0	78.3 76.6 74.9	41,700* 41,000 * 39,900*	55.0 60.0 65.0 70.0 75.0 80.0 85,0	77.0 75.5 74.0 72.5 71.0 69.4	43,800* 42,400* 41,200* 40,100* 38,900* 37,900*	70.0 75.0 80.0 85.0	79.3 77.8 76.2 74.6	29,700° 29,500° 29,200° 28,900°	70.0 75.0 80.0 85.0 90.0 95.0	76.4 75.0 73.7 72.3 70.9 69.5	24,700° 24,000° 23,400° 22,900° 22,400° 21,800°	85.0 90.0 95.0	78.8 77.3 75.9	17,600* 17,300* 16,900*	70.0 75.0 80.0 85.0 90.0 95.0 100.0	77.2 75.9 74.7 73.4 72.1 70.8	13,800° 13,300° 13,000° 12,500° 12,100° 11,700°	95.0 100.0	79.6 78.3	9,400
43.0 44.0 46.0 48.0 50.0 60.0 60.0 70.0 75.0	79.0 78.4 77.7 76.1 74.4 72.8 71.1 69.4 67.6	57,500° 56,800° 56,100° 54,600° 53,300° 51,900° 50,600° 49,400°	60.0 66.0 70.0 75.0	78.3 76.6 74.9 73.1	41,700* 41,000* 39,900* 38,700*	55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	77.0 75.5 74.0 72.5 71.0 69.4 67.9	43,800* 42,400* 41,200* 40,100* 38,900* 37,900* 37,100*	70.0 75.0 80.0 85.0 90.0	79.3 77.8 76.2 74.6 73.0	29,700* 29,500* 29,200* 28,900* 28,400*	70.0 75.0 80.0 85.0 90.0 95.0 100.0	76.4 75.0 73.7 72.3 70.9 69.5 68.1	24,700* 24,000* 23,400* 22,900* 22,400* 21,800* 21,200*	95.0 95.0 100.0	78.8 77.3 75.9 74,4	17,600* 17,300* 16,900* 16,600*	70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0	77.2 75.9 74.7 73.4 72.1 70.8 68.2	13,800° 13,300° 13,000° 12,500° 12,100° 11,700°	96.0 100.0 110.0	79.6 78.3 75.6	9,600 9,400 9,00 8,700
43.0 44.0 46.0 48.0 50.0 66.0 70.0 76.0 80.0	79,0 78.4 77.7 76.1 74.4 72.8 71,1 69.4 67.6 65.9	57,500° 56,800° 56,100° 54,600° 53,300° 51,900° 50,600° 49,400°	60.0 66.0 70.0 76.0 80.0	78.3 76.6 74.9 73.1 71.4	41,700* 41,000* 39,900* 38,700* 37,400*	55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	77.0 75.5 74.0 72.5 71.0 69.4 67.9 66.3	43,800* 42,400* 41,200* 40,100* 38,900* 37,900* 37,100* 36,200*	70.0 75.0 80.0 85.0 90.0 95.0	79.3 77.8 76.2 74.6 73.0 71.4	29,700* 29,500* 28,900* 28,400* 27,600*	70.0 75.0 80.0 85.0 90.0 95.0 100.0	76.4 75.0 73.7 72.3 70.9 69.5 68.1 65.1	24,700* 24,000* 23,400* 22,900* 22,400* 21,800* 21,200*	95.0 95.0 100.0 110.0	78.8 77.3 75.9 74.4 71.4	17,600* 17,300* 16,900* 16,600*	70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0	77.2 75.9 74.7 73.4 72.1 70.8 68.2 65.5	13,800* 13,300* 13,000* 12,500* 12,100* 11,700* 11,100* 10,600*	95.0 100.0 110.0 120.0	79.6 78.3 75.6 72.8	9,600 9,400 9,000
43.0 44.0 46.0 50.0 50.0 60.0 70.0 76.0 86.0	79,0 78.4 77.7 76.1 74.4 72.8 71.1 69.4 67.6 66.9 64.1	57,500° 56,800° 56,100° 54,600° 53,300° 51,900° 50,600° 49,400° 48,400° 47,400°	60.0 66.0 70.0 76.0 80.0 85.0	78.3 76.6 74.9 73.1 71.4 69.6	41,700* 41,000* 39,900* 38,700* 37,400* 36,200*	55.0 60.0 65.0 70.0 75.0 80.0 85,0 90.0 95.0	77.0 75.5 74.0 72.5 71.0 69.4 67.9 66.3 64.7	43,800* 42,400* 41,200* 40,100* 38,900* 37,900* 37,100* 36,200* 35,400*	70.0 75.0 80.0 85.0 90.0 95.0 100.0	79.3 77.8 76.2 74.6 73.0 71.4 69.7	29,700* 29,500* 29,200* 28,900* 28,400* 27,600* 26,800*	70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0	76.4 75.0 73.7 72.3 70.9 69.5 68.1 65.1 62.2	24,700* 24,000* 23,400* 22,900* 21,800* 21,200* 20,200* 19,200*	95.0 95.0 100.0 110.0 120.0	78.8 77.3 75.9 74,4 71.4 68.3	17,600* 17,300* 16,900* 16,600* 15,900* 15,500*	70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0	77.2 75.9 74.7 73.4 72.1 70.8 68.2 65.5 62.8	13,800* 13,300* 13,000* 12,500* 12,100* 11,700* 11,100* 10,600* 10,100*	95.0 100.0 110.0 120.0 130.0	79.6 78.3 75.6 72.8 69.9	9,600 9,400 9,000 8,700 8,400 8,000
43.0 44.0 46.0 48.0 50.0 66.0 70.0 76,0 80.0 85.0 90.0	79.0 78.4 77.7 76.1 74.4 72.8 71.1 69.4 67.6 65.9 64.1 62.3	57,500° 56,800° 56,100° 54,600° 53,300° 51,900° 50,600° 49,400° 48,400° 47,400° 46,100°	60.0 66.0 70.0 76.0 80.0 86.0 90.0	78.3 76.6 74.9 73.1 71.4 69.6 67.7	41,700* 41,000* 39,900* 38,700* 37,400* 36,200*	55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0	77.0 75.5 74.0 72.5 71.0 69.4 67.9 66.3 64.7 61.4	43,800° 42,400° 41,200° 40,100° 38,900° 37,100° 36,200° 35,400° 33,400°	70.0 75.0 80.0 85.0 90.0 95.0 100.0	79.3 77.8 76.2 74.6 73.0 71.4 69.7 66.3	29,700° 29,500° 29,200° 28,900° 28,400° 27,600° 26,800° 25,300°	70.0 75.0 80.0 85.0 95.0 100.0 110.0 120.0	76.4 75.0 73.7 72.3 70.9 69.5 68.1 65.1 62.2 59.1	24,700° 24,000° 23,400° 22,900° 21,800° 21,200° 20,200° 19,200° 18,400°	95.0 95.0 100.0 110.0 120.0 130.0	78.8 77.3 75.9 74.4 71.4 68.3 65.0	17,600* 17,300* 16,900* 16,600* 15,900* 15,000*	70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0 130.0	77.2 75.9 74.7 73.4 72.1 70.8 68.2 65.5 62.8 60.0	13,800° 13,300° 13,000° 12,500° 12,100° 11,700° 11,100° 10,600° 9,600°	95.0 100.0 110.0 120.0 130.0 140.0	79.6 78.3 75.6 72.8 69.9 67.0	9,60 9,40 9,00 8,70 8,40 8,00 7,90
43.0 44.0 46.0 48.0 50.0 66.0 70.0 76.0 86.0 90.0 95.0	79.0 78.4 77.7 76.1 74.4 72.8 71.1 69.4 67.6 66.9 64.1 62.3 60.5	57,500° 66,800° 56,100° 54,600° 53,300° 51,900° 50,500° 49,400° 48,400° 47,400° 44,800°	60.0 66.0 70.0 76.0 80.0 85.0 90.0	78.3 76.6 74.9 73.1 71.4 69.6 67.7 66.9	41,700* 41,000* 39,900* 38,700* 37,400* 36,200* 35,200*	55.0 60.0 65.0 70.0 75.0 80.0 85.0 95.0 100.0 110.0	77.0 75.5 74.0 72.5 71.0 69.4 67.9 66.3 64.7 61.4 58.0	43,800° 42,400° 41,200° 40,100° 38,900° 37,900° 36,200° 36,400° 33,400° 30,800°	70.0 75.0 80.0 85.0 95.0 100.0 110.0 120.0	79.3 77.8 76.2 74.6 73.0 71.4 69.7 66.3 62.8	29,700° 29,500° 29,200° 28,900° 28,400° 27,600° 26,800° 25,300° 24,000°	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0	76.4 75.0 73.7 72.3 70.9 69.5 68.1 65.1 62.2 59.1 56.9	24,700° 24,000° 23,400° 22,900° 22,400° 21,800° 21,200° 19,200° 18,400° 17,700°	95.0 95.0 100.0 110.0 120.0 130.0 140.0	78.8 77.3 75.9 74.4 71.4 68.3 65.0 61.7	17,600* 17,300* 16,900* 16,600* 15,900* 15,000* 14,600*	70.0 75.0 80.0 85.0 90.0 96.0 100.0 110.0 120.0 140.0 150.0	77.2 75.9 74.7 73.4 72.1 70.8 68.2 65.5 62.8 60.0 57.0	13,800° 13,300° 13,000° 12,500° 12,100° 11,700° 11,100° 10,600° 9,600° 9,200°	96.0 100.0 110.0 120.0 130.0 140.0 150.0	79.6 78.3 75.6 72.8 69.9 67.0 63.9	9,400 9,400 8,700 8,400 8,000 7,700
43.0 44.0 46.0 48.0 50.0 66.0 70.0 76.0 86.0 90.0 95.0 100.0	79.0 78.4 77.7 76.1 74.4 72.8 71.1 69.4 67.6 65.9 64.1 62.3 60.5 56.7	57,500° 66,800° 56,100° 54,600° 53,300° 51,900° 50,500° 49,400° 48,400° 47,400° 44,800° 43,700°	60.0 66.0 70.0 75.0 80.0 85.0 90.0 95.0	78.3 76.6 74.9 73.1 71.4 69.6 67.7 66.9 64.0	41,700* 41,000* 39,900* 38,700* 37,400* 36,200* 35,200* 34,300* 31,700*	55.0 60.0 65.0 70.0 75.0 80.0 85.0 95.0 100.0 110.0 130.0	77.0 75.5 74.0 72.5 71.0 69.4 67.9 66.3 64.7 61.4 58.0 54.4	42,800° 42,400° 41,200° 40,100° 38,900° 37,100° 36,200° 35,400° 33,400° 28,600°	70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0	79.3 77.8 76.2 74.6 73.0 71.4 69.7 66.3 62.8 59.1	29,700° 29,500° 29,200° 28,900° 28,400° 27,600° 26,800° 25,300° 24,000°	70.0 75.0 80.0 85.0 95.0 100.0 110.0 120.0 140.0	76.4 75.0 73.7 72.3 70.9 69.5 68.1 65.1 62.2 59.1 56.9 52.5	24,700° 24,000° 23,400° 22,900° 22,400° 21,800° 21,200° 19,200° 18,400° 17,700°	85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0	78.8 77.3 75.9 74.4 71.4 68.3 65.0 61.7 58.2	17,600° 17,300° 16,900° 16,600° 15,900° 15,000° 14,600° 14,100°	70.0 75.0 80.0 85.0 90.0 95.0 100.0 120.0 130.0 140.0 160.0	77.2 75.9 74.7 73.4 72.1 70.8 68.2 65.5 62.8 60.0 57.0 54.0	13,800° 13,300° 13,000° 12,500° 12,100° 11,700° 11,100° 10,600° 9,600° 9,200° 8,700°	95.0 100.0 110.0 120.0 130.0 140.0 150.0	79.6 78.3 75.6 72.8 69.9 67.0 63.9 60.7	9,600 9,400 8,700 8,400 8,000 7,900 7,700
43.0 44.0 46.0 48.0 50.0 56.0 66.0 70.0 76,0 86.0 90.0 91.0 10.0 120.0	79.0 78.4 77.7 76.1 74.4 72.8 71.1 69.4 67.6 66.9 64.1 62.3 60.5 56.7 52.7	57,500° 56,800° 56,100° 54,600° 53,300° 51,900° 50,600° 49,400° 48,400° 47,400° 44,800° 43,700° 41,700	60.0 65.0 70.0 75.0 80.0 85.0 90.0 90.0 100.0	78.3 76.6 74.9 73.1 71.4 69.6 67.7 66.9 64.0 60.1	41,700* 41,000° 39,900* 38,700° 37,400* 36,200° 35,200* 34,300° 33,400* 31,700° 30,400*	55.0 60.0 65.0 70.0 75.0 85.0 95.0 110.0 120.0 130.0 140.0	77.0 75.5 74.0 72.5 71.0 69.4 67.9 66.3 64.7 61.4 58.0 54.4 60.7	43,800° 42,400° 41,200° 40,100° 38,900° 37,100° 36,200° 35,400° 30,800° 26,700° 25,200°	70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0 130.0	79.3 77.8 76.2 74.6 73.0 71.4 69.7 66.3 62.8 59.1 56.2	29,700° 29,500° 29,200° 28,900° 28,400° 27,600° 26,800° 25,300° 24,000° 23,000° 22,000°	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 160.0	76.4 75.0 73.7 72.3 70.9 69.5 68.1 65.1 62.2 59.1 56.9 52.5 49.0	24,700° 24,000° 23,400° 22,900° 22,400° 21,200° 20,200° 19,200° 18,400° 17,700° 16,300°	85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0	78.8 77.3 75.9 74.4 71.4 68.3 65.0 61.7 58.2 64.4	17,600° 17,300° 16,900° 16,600° 15,900° 15,600° 14,600° 14,100° 14,000° 13,600°	70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0 140.0 150.0 160.0	77.2 75.9 74.7 73.4 72.1 70.8 68.2 65.5 62.8 60.0 57.0 54.0 60.8	13,800* 13,300* 13,000* 12,500* 12,100* 11,700* 11,100* 10,600* 9,600* 9,200* 8,700* 8,300*	95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	79.6 78.3 75.6 72.8 69.9 67.0 63.9 60.7 57.4	9,60 9,40 9,00 8,70 8,40 8,00 7,70 7,60 7,20
43.0 44.0 46.0 48.0 50.0 66.0 70.0 75.0 80.0 90.0 90.0 91.0 110.0 1120.0	79.0 78.4 77.7 76.1 74.4 72.8 71.1 69.4 67.6 66.9 64.1 62.3 60.5 56.7 52.7 48.5	57,500° 56,800° 56,100° 54,600° 53,300° 51,900° 50,600° 49,400° 48,400° 47,400° 44,800° 43,700° 41,700 39,400 37,200	60.0 66.0 70.0 75.0 80.0 86.0 90.0 96.0 100.0 110.0 120.0	78.3 76.6 74.9 73.1 71.4 69.6 67.7 66.9 64.0 60.1 56.0 61.6	41,700* 41,000* 39,900* 38,700* 36,200* 35,200* 34,300* 33,400* 31,700* 30,400* 29,400*	55.0 60.0 65.0 70.0 75.0 80.0 85.0 95.0 110.0 120.0 130.0 140.0 150.0	77.0 75.5 74.0 72.5 71.0 69.4 67.9 66.3 64.7 61.4 58.0 54.4 60.7 46.7 42.4	43,800° 42,400° 41,200° 40,100° 38,900° 37,100° 36,200° 35,400° 30,800° 26,700° 25,200° 23,900°	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 160.0	79.3 77.8 76.2 74.6 73.0 71.4 69.7 66.3 62.8 59.1 66.2 51.0 46.4	29,700° 29,500° 29,200° 28,900° 28,400° 27,600° 26,800° 25,300° 24,000° 23,000° 21,200° 20,500°	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	76.4 75.0 73.7 72.3 70.9 69.5 68.1 65.1 62.2 59.1 56.9 52.5 49.0 45.2 41.1	24,700° 24,000° 23,400° 22,900° 22,400° 21,800° 20,200° 19,200° 17,700° 17,000° 16,300° 15,800°	85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	78.8 77.3 75.9 74.4 71.4 68.3 65.0 61.7 58.2 64.4 50.4 46.0	17,600° 17,300° 16,900° 16,600° 15,900° 15,600° 14,600° 14,100° 14,000° 13,600° 13,400°	70.0 75.0 80.0 85.0 90.0 100.0 110.0 130.0 140.0 150.0 170.0 180.0 190.0	77.2 75.9 74.7 73.4 72.1 70.8 68.2 65.5 62.8 60.0 57.0 54.0 50.8 47.4 43.9	13,800° 13,300° 13,000° 12,500° 12,100° 11,700° 11,100° 10,600° 9,600° 9,200° 8,700° 8,300° 8,200° 7,900°	95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	79.6 78.3 75.6 72.8 69.9 67.0 63.9 60.7 57.4 53.8 49.9	9,600 9,400 8,700 8,400 7,700 7,700 7,200 7,200
43.0 44.0 46.0 48.0 50.0 66.0 70.0 80.0 86.0 90.0 910.0 110.0 1120.0 140.0	79.0 78.4 77.7 76.1 74.4 72.8 71.1 69.4 67.6 66.9 64.1 62.3 60.5 56.7 52.7 48.5 43.9	57,500° 56,800° 56,100° 54,600° 53,300° 51,900° 50,600° 49,400° 48,400° 47,400° 44,800° 43,700° 41,700 39,400 37,200 34,000	60.0 66.0 70.0 75.0 80.0 85.0 90.0 96.0 100.0 110.0 130.0 140.0	78.3 76.6 74.9 73.1 71.4 69.6 67.7 66.9 64.0 60.1 56.0 61.6 46.8	41,700* 41,000* 39,900* 38,700* 37,400* 35,200* 34,300* 33,400* 31,700* 30,400* 29,400* 28,500*	55.0 60.0 65.0 70.0 75.0 80.0 85.0 95.0 110.0 120.0 130.0 140.0 150.0 170.0	77.0 75.5 74.0 72.5 71.0 69.4 67.9 66.3 64.7 61.4 58.0 54.4 60.7 46.7 42.4 37.7	43,800° 42,400° 41,200° 40,100° 38,900° 37,100° 36,200° 36,400° 30,800° 26,700° 25,200° 23,900° 22,500°	70.0 75.0 80.0 85.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	79.3 77.8 76.2 74.6 73.0 71.4 69.7 66.3 62.8 59.1 56.2 51.0	29,700° 29,500° 28,900° 28,400° 27,600° 26,800° 25,300° 24,000° 21,200° 20,500° 20,000°	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	76.4 75.0 73.7 72.3 70.9 69.5 68.1 65.1 62.2 59.1 56.9 52.5 49.0 45.2 41.1 36.7	24,700° 24,000° 23,400° 22,900° 22,400° 21,800° 20,200° 19,200° 17,700° 17,000° 16,300° 15,800° 15,000°	85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0	78.8 77.3 75.9 74.4 71.4 68.3 65.0 61.7 58.2 64.4 46.0 41.2	17,600° 17,300° 16,900° 16,600° 15,900° 15,000° 14,600° 14,100° 14,000° 13,600° 13,400°	70.0 75.0 80.0 85.0 90.0 100.0 120.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0	77.2 75.9 74.7 73.4 72.1 70.8 68.2 65.5 62.8 60.0 57.0 54.0 50.8 47.4 43.9 40.0	13,800° 13,300° 13,000° 12,500° 12,100° 11,700° 11,100° 10,600° 9,600° 9,200° 8,700° 8,300° 8,200° 7,900° 7,700°	95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	79.6 78.3 75.6 72.8 69.9 67.0 63.9 60.7 57.4 53.8 49.9 45.7	9,60 9,40 9,00 8,70 8,40 7,90 7,70 7,60 7,20 7,00
43.0 44.0 46.0 48.0 50.0 66.0 70.0 76.0 86.0 90.0 95.0 1100.0	79.0 78.4 77.7 76.1 74.4 72.8 71.1 63.4 67.6 66.3 60.5 56.7 52.7 48.5 43.9 39.0	57,500° 56,800° 56,100° 54,600° 53,300° 51,900° 50,600° 49,400° 48,400° 47,400° 44,800° 43,700° 41,700 39,400 37,200 34,000 31,100	60.0 66.0 70.0 75.0 80.0 86.0 90.0 96.0 100.0 110.0 120.0	78.3 76.6 74.9 73.1 71.4 69.6 67.7 66.9 64.0 60.1 56.0 61.6	41,700* 41,000* 39,900* 38,700* 36,200* 35,200* 34,300* 31,700* 30,400* 29,400* 29,400* 27,800*	55.0 60.0 65.0 70.0 75.0 80.0 85.0 95.0 110.0 120.0 130.0 140.0 150.0	77.0 75.5 74.0 72.5 71.0 69.4 67.9 66.3 64.7 61.4 58.0 54.4 60.7 46.7 42.4	43,800° 42,400° 41,200° 40,100° 38,900° 37,100° 36,200° 35,400° 30,800° 26,700° 25,200° 23,900°	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 160.0	79.3 77.8 76.2 74.6 73.0 71.4 69.7 66.3 62.8 59.1 56.2 51.0 46.4 41.4	29,700° 29,500° 29,200° 28,900° 28,400° 27,600° 26,800° 25,300° 24,000° 23,000° 21,200° 20,500°	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	76.4 75.0 73.7 72.3 70.9 69.5 68.1 65.1 62.2 59.1 56.9 52.5 49.0 45.2 41.1	24,700° 24,000° 23,400° 22,900° 22,400° 21,800° 20,200° 19,200° 17,700° 17,000° 16,300° 15,800° 15,000° 14,600°	85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	78.8 77.3 75.9 74.4 71.4 68.3 65.0 61.7 58.2 64.4 50.4 46.0	17,600° 17,300° 16,900° 16,600° 15,900° 15,000° 14,100° 14,100° 13,600° 13,400° 13,400° 13,400°	70.0 75.0 80.0 85.0 90.0 95.0 100.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0 210.0	77.2 75.9 74.7 73.4 72.1 70.8 68.2 65.5 62.8 60.0 57.0 54.0 50.8 47.4 43.9	13,800° 13,300° 13,000° 12,500° 12,100° 11,700° 11,100° 10,600° 9,600° 9,200° 8,700° 8,300° 8,200° 7,900°	95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	79.6 78.3 75.6 72.8 69.9 67.0 63.9 60.7 57.4 53.8 49.9 45.7 41.0	9,600 9,400 8,700 8,400 7,900 7,700 7,200 7,000 7,000
43.0 44.0 46.0 48.0 50.0 66.0 70.0 70.0 86.0 90.0 90.0 10.0 120.0 140.0 160.0	79.0 78.4 77.7 76.1 74.4 72.8 71.1 69.4 67.6 66.9 64.1 62.3 60.5 56.7 52.7 48.5 43.9 39.0 33.3	57,500° 56,800° 56,100° 54,600° 53,300° 51,900° 50,600° 49,400° 48,400° 47,400° 44,800° 43,700° 41,700 39,400 37,200 34,000	60.0 65.0 70.0 76.0 80.0 85.0 90.0 95.0 100.0 120.0 130.0 140.0 150.0	78.3 76.6 74.9 73.1 71.4 69.6 67.7 66.9 64.0 60.1 56.0 61.6 46.8 41.6	41,700* 41,000* 39,900* 38,700* 37,400* 35,200* 34,300* 33,400* 31,700* 30,400* 29,400* 28,500*	55.0 60.0 65.0 70.0 75.0 80.0 85.0 95.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	77.0 75.5 74.0 72.5 71.0 69.4 67.9 66.3 64.7 61.4 58.0 54.4 46.7 42.4 37.7 32.3	43,800° 42,400° 41,200° 40,100° 38,900° 37,100° 36,200° 35,400° 33,400° 26,700° 25,200° 22,500° 21,500°	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	79.3 77.8 76.2 74.6 73.0 71.4 69.7 66.3 62.8 59.1 56.2 51.0 46.4 41.4 35.6	29,700° 29,500° 28,900° 28,400° 27,600° 26,800° 25,3000° 23,000° 21,200° 20,500° 20,000° 19,700°	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 170.0 180.0 190.0 200.0	76.4 75.0 73.7 72.3 70.9 69.5 68.1 65.1 62.2 59.1 56.9 52.5 49.0 45.2 41.1 36.7 31.6	24,700° 24,000° 23,400° 22,900° 22,400° 21,800° 20,200° 19,200° 17,700° 17,000° 16,300° 15,800° 15,000°	85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0	78.8 77.3 75.9 74.4 71.4 68.3 65.0 61.7 58.2 64.4 46.0 41.2 36.3	17,600° 17,300° 16,900° 16,600° 15,900° 15,000° 14,600° 14,100° 14,000° 13,600° 13,400°	70.0 75.0 80.0 85.0 90.0 100.0 120.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0	77.2 75.9 74.7 73.4 72.1 70.8 68.2 65.5 62.8 60.0 54.0 54.0 65.8 47.4 43.9 40.0 35.7	13,800° 13,300° 13,000° 12,500° 12,100° 11,700° 11,100° 10,600° 9,600° 9,600° 9,200° 8,700° 8,200° 7,900° 7,900° 7,400°	95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0	79.6 78.3 75.6 72.8 69.9 67.0 63.9 60.7 57.4 53.8 49.9 45.7 41.0 35.3	9,600 9,400 8,700 8,400 7,700 7,700 7,200 7,000
43.0 44.0 46.0 48.0 50.0 66.0 77.0 80.0 86.0 90.0 90.0 110.0 120.0 140.0 150.0	79.0 78.4 77.7 76.1 74.4 72.8 71.1 69.4 67.6 66.3 60.5 56.7 52.7 48.5 43.9 39.0 33.3	57,500* 56,800* 56,100* 54,600* 53,300* 51,900* 50,600* 49,400* 47,400* 44,800* 43,700* 44,800* 37,200 34,000 31,100 28,100	60.0 65.0 70.0 75.0 80.0 85.0 90.0 96.0 100.0 110.0 130.0 140.0 160.0	78.3 76.6 74.9 73.1 71.4 69.6 67.7 66.9 64.0 60.1 56.0 61.6 46.8 41.6 35.4	41,700* 41,000* 39,900* 38,700* 37,400* 36,200* 33,400* 31,700* 30,400* 29,400* 28,500* 27,800* 27,300	55.0 60.0 65.0 70.0 75.0 80.0 85.0 95.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	77.0 75.5 74.0 72.5 71.0 69.4 67.9 66.3 64.7 61.4 58.0 54.4 46.7 42.4 37.7 32.3	43,800° 42,400° 41,200° 40,100° 38,900° 37,100° 36,200° 35,400° 33,400° 26,700° 25,200° 22,500° 21,500°	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	79.3 77.8 76.2 74.6 73.0 71.4 69.7 66.3 62.8 59.1 56.2 51.0 46.4 41.4 35.6	29,700° 29,500° 28,900° 28,400° 27,600° 26,800° 25,3000° 23,000° 21,200° 20,500° 20,000° 19,700°	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 170.0 180.0 190.0 200.0	76.4 75.0 73.7 72.3 70.9 69.5 68.1 65.1 62.2 59.1 56.9 52.5 49.0 45.2 41.1 36.7 31.6	24,700° 24,000° 23,400° 22,900° 22,400° 21,800° 20,200° 19,200° 17,700° 17,000° 16,300° 15,800° 15,000° 14,600°	85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0	78.8 77.3 75.9 74.4 71.4 68.3 65.0 61.7 58.2 64.4 46.0 41.2 36.3	17,600° 17,300° 16,900° 16,600° 15,900° 15,000° 14,100° 14,100° 13,600° 13,400° 13,400° 13,400°	70.0 76.0 80.0 90.0 95.0 110.0 120.0 130.0 140.0 150.0 190.0 200.0 220.0	77.2 75.9 74.7 73.4 72.1 70.8 68.2 65.5 62.8 60.0 54.0 54.0 43.9 40.0 36.7 30.8	13,800° 13,300° 13,000° 12,500° 12,100° 11,700° 11,100° 10,600° 9,600° 9,200° 8,700° 8,200° 7,900° 7,700° 7,400° 6,800°	95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0 210.0	79.6 78.3 75.6 72.8 69.9 67.0 63.9 60.7 57.4 53.8 49.9 45.7 41.0 35.3	9,600 9,400 8,700 8,400 7,900 7,700 7,200 7,000 7,000 6,40

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

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

		401	t Jb					601	t Jib					801	ft Jib					100	ft Jib		
	(Offset A	ngle (i	deg.)			(Offset A	ngle (deg.)			(Offset A	ngle (d	deg.)				Offset A	ngle (d	deg.)	
	10			30			10			30			10			30			10			30	
oad adius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Pated Load (lbs)	Load Radius (ft)	Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Pater Load (lbs)
44.6	80.0	58,400*				51.5	80.0	46,700*				58.4	80.0	26,600*				65.2	80.0	14,700*			
46.0	79.6	57,900*				55.0	79.0	45,600*				60.0	79.6	26,500*				70.0	78.9	14,300*			
48.0 60.0	79.0 78.4	57,300* 56,700 *				60.0 65.0	77.6 76.2	44,300" 43,100"	69,5	80,0	29,700°	65.0 70.0	78.3 77.0	25,600* 25,100*				75.0 80.0	77.7	13,900° 13,500°			
55.0	76.8	55,300°	56.7	80.0	42,300*	70.0	74.8	41,900	70.0	79.9	29,700°	75.0	75.7	24,500°				85.0	75.3	13,000°			
60.0	75.3	53,900°	60.0	78,9	41,900*	75.0	73.4	40,700*	75,0	78.4	29,600*	80,0	74.4	23,800*	82.3	80.0	17,800*	90.0	74.1	12,600*			2
65.0	73.7	52,600*	65.0	77.3	41,300*	80.0	71.9	39,600*	80.0	76.9	29,400*	85.0	73.1	23,100*	85.0	79.3	17,600*	95.0	72.9	12,300*	95.1	80.0	9,70
70.0	72.1	51,200"	70.0	75.7	40,400"	85.0	70.5	38,600*	86.0	75.4	29,100*	90.0	71.8	22,600"	90.0	77.9	17,300"	100.0	71.6	12,000*	100.0	78,8	9,40
75.0	70.5	49,900*	75.0	74.1	39,300*	90.0	69,0	37,700*	90.0	73.9	28,600*	95.0	70.4	22,100*	95.0	76.5	16,900"	110,0	69.1	11,300*	110.0	76.2	9,00
85.0	68.9	48,600° 47,400°	80.0 85.0	72.4 70.8	38,000° 36,800°	95.0 100.0	66.0	36,900° 36,100°	95,0 100.0	72.4	28,000° 27,200°	110.0	69.1 66.3	21,600° 20,600°	110.0	75.1 72.3	16,700° 16,100°	120.0 130.0	66.6 64.0	10,800* 10,200*	120.0 130.0	73.6 70.9	8,70 8,40
90,0	67.3 65.6	46,100*	90.0	69.1	35,800*	110.0	62.9	34,600*	110.0	67.6	25,700*	120.0	63.5	19,700*	120.0	69.4	15,500*	140.0	61.3	9,800*	140.0	68.1	8,10
95.0	63.9	44,800*	95.0	67.3	34,900*	120.0	59.7	32,100*	120.0	64.3	24,500°	130.0	60.6	18,800*	130.0	66.3	15,200"	150.0	58.6	9,300*	150.0	65.2	7,90
0.00	62.2	43,700*	100.0	65.6	34,100*	130.0	56.4	29,700*	130.0	60.9	23,400"	140,0	57.6	18,100*	140.0	63.2	14,600*	160.0	55.7	8,900*	160.0	62.2	7,70
10.0	58.7	41,300	110.0	62.0	32,400*	140.0	53.0	27,800*	140.0	57.3	22,400*	150.0	54.5	17,400°	150.0	60.0	14,300*	170.0	52,8	8,600*	170.0	59.1	7,50
120.0	55.0	38,700	120.0	58.2	31,100*	150.0	49.4	26,100*	150.0	53.5	21,600*	160.0	61.2	16,800*	160.0	56.5	14,000*	180.0	49.6	8,300*	180.0	55,8	7,40
30.0	51.2	36,200	130.0	54.2	29,900*	160.0	45.5	24,700*	160.0	49.4	20,900*	170.0	47.8	16,100*	170.0	52.9	13,800*	190.0	46.4	8,100*	190.0	52.3	7,20
140.0	47.1 42.7	33,500 30,200	140.0	49.9 45.3	29,000° 28,200°	170.0 180.0	41.3 36.7	23,400° 22,400	170.0	46.0	20,300° 19,900°	180.0	44.1	15,600* 15,200*	180.0	49.0 44.7	13,600* 13,400*	200.0	42.9 39.1	7,800* 7,400*	200.0	48.5	7,20
160.0	37.8	27,300	160.0	40.2	27,300	190.0	31.5	21,400	190.0	34.3	19,600*	200.0	35.7	14,800*	200.0	39.9	13,400*	220.0	34.9	7,300*	220.0	39.7	6,70
70.0	32.3	24,800	170.0	343	25,000	192.5	30.0	21,100	196.1	30.0	19,600	210.0	30.8	14,500*	210.0	34.3	13,400*	230.0	30.1	6,800*	230.0	34.2	6,30
73.8	30.0	24,000	176.1	30.0	23,600			10000				211.2	30.0	14,300*	216.2	30.0	13,400*	230.3	30.0	6,800*	236.2	30.0	6,10
Rec	ves	2	Ree	ves	2	Ree	ves	2	Rec	ves	1	Ree	VAS	1	Ree	ves	1	Ree	ves	1	Ree	ves	1
	-			-															-		100		
	160)' Boo	m																				
		401	t Jib	deal					t Jib	dea)				7-131	ft Jib	dea)				1 1000	ft Jib	dea)	
		40 i Offset A	t Jib	deg.)			10	60 i Offset A		deg.)			10	80 i Offset A		deg.)			10	Offset A	17 14100	deg.)	
adius	10 Boom Angle	40 I Offset Al Pated Load	t Jib ngle (i Loed Radius	30 Boom Angle	Rated Load	Load Padius	10 Boom Angle	Offset A	Load Radius	Boom Angle	Pated Load	Load Radius	10 Boom Angle	Offset All Pated Load	ngle (d	30 Boom Angle	Rated Load (lhs)	Load Padius	10 Boom Angle	Offset A	ngle (d	Boom Angle	Load
Load Padius (ft)	10 Boom Angle (deg.)	A01 Offset Al Pated Load (lbs)	t Jib ngle (i	30 Boom		Padius (ft)	Boom Angle (deg.)	Pated Load (lbs)	ngle (i	30 Boom	Pated	Radius (ft)	Boom Angle (deg.)	Pated Load (lbs)	ngle (d	30 Boom		Radius (ft)	Boom Angle (deg.)	Pated Load (lbs)	ngle (d	30 Boom	Ratec Load (lbs)
adius	10 Boom Angle	40 I Offset Al Pated Load	t Jib ngle (i Loed Radius	30 Boom Angle	Load	Padius	10 Boom Angle	Offset A	Load Radius	Boom Angle	Pated Load	Radius	10 Boom Angle	Pated Load (lbs) 26,600*	ngle (d	30 Boom Angle	Load	Radius	10 Boom Angle	Pared Load (lbs)	ngle (d	Boom Angle	Load
adius (ft) 46.3	10 Boom Angle (deg.) 80.0	Pated Load (lbs) 58,400*	t Jib ngle (i Loed Radius	30 Boom Angle	Load	Padius (ft) 53.1	Boom Angle (deg.) 80.0	Pated Load (lbs) 46,700*	Load Radius	Boom Angle	Pated Load	Radius (ft) 60.0	Boom Angle (deg.) 80.0	Pated Load (lbs)	ngle (d	30 Boom Angle	Load	Radius (ft) 66,9	Boom Angle (deg.) 80.0	Pated Load (lbs)	ngle (d	Boom Angle	Load
46.3 48.0	10 Boom Angle (deg.) 80.0 79.5	### April 19	t Jib ngle (i Loed Radius	30 Boom Angle	Load	Radius (ft) 53.1 65.0	10 Boom Angle (deg.) 80.0 79.5	Pated Load (lbs) 46,700*	Load Radius	Boom Angle	Pated Load	Radius (ft) 60.0 65.0	10 Boom Angle (deg.) 80.0 78.8	Pated Load (lbs) 26,600*	ngle (d	30 Boom Angle	Load	Radius (ft) 66.9 70.0	10 Boom Angle (deg.) 80.0 79.3	Pated Load (lbs) 14,700"	ngle (d	Boom Angle	Load
46.3 48.0 50.0 60.0	80.0 79.5 79.0 77.5 76.0	### April 19	Loed Radius (ft)	Boom Angle (deg.) 80.0	Load (lbs) 42,300* 42,200*	Fadius (ft) 53.1 65.0 60.0 65.0 70.0	10 Boom Angle (deg.) 80.0 79.5 78.2 76.9 75.5	Pated Load (lbs) 46,700* 44,900* 42,300*	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Radius (ft) 60.0 65.0 70.0 75,0 80.0	80.0 77.6 76.3 75.1	Pated Load (lbs) 26,600* 26,000* 25,400* 24,700*	Load Radius (ft)	Boom Angle (deg.)	Load (lbs)	70.0 75.0 80.0 85.0	80.0 79.3 78.2 77.0 75.9	Pared Load (lbs) 14,700" 14,600" 14,100" 13,700" 13,200"	ngle (d	Boom Angle	Load
46.3 48.0 50.0 66.0 65.0	80.0 79.5 79.0 77.5 76.0 74.5	Rated Load (lbs) 58,400* 57,300* 56,900* 54,600* 53,200*	Loed Radius (ft) 58.3 60.0 65.0	30 Boom Angle (deg.) 80.0 79.5 78.0	42,300* 42,700* 41,500*	53.1 55.0 60.0 65.0 70.0 76.0	10 Boom Angle (deg.) 80.0 79.5 78.2 76.9 75.5 74.1	Rated Load (lbs) 46,700° 46,200° 44,900° 42,300° 41,300° 41,300°	Loed Radius (ft)	30 Boom Angle (deg.) 80.0 79.0	Pated Load (lbs) 29,700*	Radius (ft) 60.0 66.0 70.0 75,0 80.0 85.0	80.0 78.8 77.6 76.3 75.1 73.8	Pated Load (lbs) 26,600* 26,000* 25,400* 24,700* 23,600*	Load Radius (ft) 83.9 85.0	Boom Angle (deg.) 80.0 79.8	Load (lbs) 17,800* 17,800*	70.0 75.0 80.0 85.0 90.0	80.0 79.3 78.2 77.0 75.9	Pated Load ((bs) 14,700" 14,100" 13,700" 13,200" 12,900"	Load Radius (ft)	30 Boom Angle (deg.)	Loac (lbs)
46.3 48.0 50.0 66.0 65.0 70.0	80.0 79.5 79.0 77.5 76.0 74.5 73.0	Rated Load (lbs) 58,400* 57,300* 54,600* 53,200* 51,800*	Loed Radius (ft) 68.3 60.0 65.0 70.0	30 Boom Angle (deg.) 80.0 79.5 78.0 76.5	42,300° 42,200° 41,500° 40,800°	Fadius (ft) 53.1 55.0 60.0 65.0 70.0 75.0 80.0	70 Boom Angle (deg.) 80.0 79.5 78.2 76.9 75.5 74.1 72.8	Pated Load (lbs) 46,700* 44,900* 43,500* 42,300* 41,300* 40,300*	Load Radius (ft) 71.1 76.0 80.0	80.0 77.6	Pated Load (lbs) 29,700* 29,600+	Padius (ft) 60.0 65.0 70.0 75.0 80.0 85.0 90.0	80.0 78.8 77.6 76.3 75.1 73.8 72.6	Pated Load (lbs) 26,600* 26,000* 25,400* 24,700* 24,100* 23,600* 23,100*	Load Radius (ft) 83.9 85.0 90.0	30 Boom Angle (deg.) 80.0 79.8 78.5	17,800* 17,500*	Radius (ft) 66.9 70.0 75.0 80.0 85.0 90.0	70 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.7 73.6	Pated Load (lbs) 14,700* 14,600* 14,100* 13,700* 13,200* 12,500*	Load Radius (ft)	Boom Angle (deg.)	Loac (lbs)
46.3 48.0 50.0 65.0 65.0 70.0 75.0	80.0 79.5 79.0 77.5 76.0 74.5 73.0 71.5	### ##################################	Loed Radius (ft) 68.3 60.0 65.0 70.0 75.0	80.0 79.5 78.0 74.9	42,300* 42,200* 41,500* 40,800* 39,900*	Fadius (ft) 53.1 55.0 60.0 65.0 70.0 76.0 80.0 85.0	70 Boom Angle (deg.) 80.0 79.5 78.2 76.9 75.5 74.1 72.8 71.4	Pated Load (lbs) 46,700* 46,200* 44,900* 43,600* 42,300* 41,300* 40,300* 39,300*	Load Radius (ft) 71.1 75.0 80.0 85.0	80.0 79.0 76.1	29,700* 29,600+ 29,300*	Padius (ft) 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0	80.0 78.8 77.6 76.3 75.1 73.8 72.6 71.3	Pated Load (lbs) 26,600* 26,000* 25,400* 24,100* 23,600* 23,100* 22,600*	Load Radius (ft) 83.9 85.0 90.0 95.0	80.0 79.8 78.5 77.2	17,800* 17,800* 17,500* 17,200*	Radius (ft) 66.9 70.0 75.0 80.0 85.0 90.0 95.0 100.0	70 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.7 73.6 72.4	Pared Load (lbs) 14,700" 14,600" 14,100" 13,700" 13,200" 12,500" 12,200"	Load Radius (ft)	30 Boom Angle (deg.) 80.0 79.3	9,20 9,20
46.3 48.0 50.0 66.0 65.0 70.0	80.0 79.5 79.0 77.5 76.0 74.5 73.0	Rated Load (lbs) 58,400* 57,300* 54,600* 53,200* 51,800*	Loed Radius (ft) 68.3 60.0 65.0 70.0	30 Boom Angle (deg.) 80.0 79.5 78.0 76.5	42,300° 42,200° 41,500° 40,800°	Fadius (ft) 53.1 55.0 60.0 65.0 70.0 75.0 80.0	70 Boom Angle (deg.) 80.0 79.5 78.2 76.9 75.5 74.1 72.8	Pated Load (lbs) 46,700* 44,900* 43,500* 42,300* 41,300* 40,300*	Load Radius (ft) 71.1 76.0 80.0	80.0 77.6	Pated Load (lbs) 29,700* 29,600+	Padius (ft) 60.0 65.0 70.0 75.0 80.0 85.0 90.0	80.0 78.8 77.6 76.3 75.1 73.8 72.6	Pated Load (lbs) 26,600* 26,000* 25,400* 24,700* 24,100* 23,600* 23,100*	Load Radius (ft) 83.9 85.0 90.0	30 Boom Angle (deg.) 80.0 79.8 78.5	17,800* 17,500*	Radius (ft) 66.9 70.0 75.0 80.0 85.0 90.0	70 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.7 73.6	Pated Load (lbs) 14,700* 14,600* 14,100* 13,700* 13,200* 12,500*	Load Radius (ft)	Boom Angle (deg.)	Load (lbs)
46.3 48.0 50.0 65.0 70.0 75.0 80.0	79.5 79.0 77.5 76.0 71.5 70.0	#01 Offset Al Pated Load (lbs) 58,400° 57,300° 54,600° 53,200° 51,800° 60,300° 49,000°	Load Radius (ft) 58.3 60.0 65.0 70.0 80.0	80.0 79.5 78.0 76.5 74.9 73.4	42,300* 42,200* 41,500* 40,800* 39,900* 38,700*	753.1 55.0 60.0 65.0 70.0 76.0 80.0 85.0 90.0	70.0 Boom Angle (deg.) 80.0 79.5 78.2 76.9 75.5 74.1 72.8 71.4 70.0	Rated Load (lbs) 46,700° 46,200° 44,900° 43,500° 42,300° 41,300° 40,300° 39,300° 38,400°	71.1 75.0 80.0 90.0	80.0 79.0 77.6 76.1 74.7	29,700* 29,600* 29,800* 28,800*	Padius (ft) 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0	70.0 Boom Angle (deg.) 80.0 78.8 77.6 76.3 75.1 73.8 72.6 71.3 70.0	Paled Load (lbs) 26,600° 25,400° 24,700° 24,100° 23,600° 23,100° 22,100°	Radius (ft) 83.9 85.0 90.0 95.0 100.0	80.0 79.8 78.5 77.2 75.8	17,800* 17,800* 17,500* 17,200* 16,800*	Radius (ft) 66.9 70.0 75.0 80.0 85.0 90.0 100.0	70 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.7 73.6 72.4 70.0	Pared Load (lbs) 14,700" 14,600" 14,100" 13,700" 13,200" 12,500" 12,500" 11,500"	97.1 100.0	30 Boom Angle (deg.) 80.0 79.3 76.8	9,20 9,20 9,00 8,70
46.3 48.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0	79.5 79.0 77.5 76.0 74.5 70.0 68.5	Rated Load ((bs) 58,400* 57,300* 54,600* 50,300* 49,000* 47,700* 46,500* 46,400*	12 Jib ngle (i Load Radius (h) 68.3 60.0 65.0 70.0 76.0 80.0 90.0 95.0	80.0 79.5 78.0 76.5 74.9 70.2 68.6	42,300° 42,200° 41,500° 40,800° 39,900° 38,700° 36,500° 36,500°	753.1 55.0 60.0 65.0 70.0 76.0 80.0 85.0 90.0 91.0 110.0	70 Boom Angle (deg.) 80.0 79.5 78.2 76.9 75.5 74.1 72.8 71.4 70.0 68.6 67.2 64.3	Pated Load (lbs) 46,700* 46,200* 44,900* 43,500* 44,300* 40,300* 39,300* 38,400* 37,600* 36,700* 35,000*	71.1 75.0 80.0 90.0 95.0 110.0	80.0 79.0 77.6 76.1 74.7 73.2	29,700° 29,700° 29,700° 29,600° 29,300° 28,800° 28,300° 27,700° 26,200°	Padius (ft) 60.0 65.0 70.0 75.0 80.0 85.0 90.0 91.0 110.0 120.0 130.0	10 Boom Angle (deg.) 80.0 78.8 77.6 76.3 75.1 73.8 72.6 71.3 70.0 67.4 64.7 62.0	Pated Load (bs) 26,600° 25,400° 24,700° 23,100° 22,100° 21,000° 21,000° 19,200°	83.9 85.0 90.0 100.0 110.0 130.0	80.0 79.8 78.5 77.2 75.8 73.1 70.4 67.5	17,800* 17,800* 17,800* 17,500* 17,200* 16,800* 16,300* 15,800*	Radius (t) 70.0 75.0 80.0 85.0 95.0 110.0 120.0 130.0 140.0	700 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.7 73.6 72.4 70.0 67.6 65.1 62.6	Pated Load (lbs) 14,700* 14,500* 14,100* 13,700* 13,700* 12,900* 12,500* 12,500* 10,900* 10,400* 10,000*	97.1 100.0 110.0 130.0 140.0	80.0 79.3 76.8 74.3	9,20 9,20 9,00 8,40 8,30
46.3 48.0 50.0 66.0 70.0 75.0 80.0 85.0 90.0 90.0	(0 100 Boom Angle (deg) 80.0 79.5 79.0 77.5 76.0 74.5 70.0 68.5 66.9 66.3 63.7	Rated Load (lbs) 58,400* 57,300* 56,900* 54,600* 53,200* 51,800* 60,300* 49,000* 47,700* 46,500* 44,400	68.3 60.0 65.0 70.0 85.0 90.0 95.0	80.0 79.5 78.0 76.5 74.9 73.4 71.8 70.2 68.6 66.9	42,300° 42,200° 41,500° 40,800° 39,900° 36,500° 36,500° 36,500° 34,700°	75.0 60.0 65.0 70.0 76.0 80.0 85.0 90.0 100.0 110.0	70.0 Boom Angle (deg.) 80.0 79.5 78.2 76.9 75.5 74.1 70.0 68.6 67.2 64.3 61.3	Pated Load (lbs) 46,700* 46,200* 44,900* 43,500* 41,300* 40,300* 39,300* 38,400* 37,600* 36,700* 33,200*	71.1 75.0 80.0 90.0 95.0 110.0	80.0 79.0 77.6 76.1 74.7 73.2 71.8 68.8 65.7	29,700° 29,700° 29,700° 29,600° 29,300° 28,800° 27,700° 26,200° 24,900°	Padius (ft) 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 130.0 140.0	80.0 78.8 77.6 76.3 75.1 73.8 72.6 71.3 70.0 67.4 64.7 62.0 59.1	Parted Load (lbs) 26,600° 26,000° 25,400° 24,100° 23,100° 22,100° 21,000° 21,000° 19,200° 18,500°	83.9 85.0 90.0 100.0 110.0 120.0 140.0	80.0 79.8 78.5 77.2 75.8 73.1 70.4 67.5 64.6	17,800* 17,800* 17,800* 17,500* 17,200* 16,800* 16,300* 15,800* 14,900*	Radius (t) 66.9 70.0 75.0 80.0 85.0 90.0 110.0 120.0 130.0 140.0	700 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.7 73.6 72.4 70.0 67.6 65.1 62.6 60.0	Pated Load (lbs) 14,700* 14,500* 14,100* 13,700* 13,700* 12,500* 12,500* 10,900* 10,400* 10,000* 9,500*	97.1 100.0 110.0 120.0 150.0	80.0 79.3 76.8 74.3 71.7 69.1 66.4	9,20 9,20 9,00 8,70 8,40 8,30 7,90
46.3 48.0 50.0 55.0 66.0 70.0 75.0 85.0 90.0 95.0 10.0	(C) Boom Angle (deg.) 80.0 79.5 76.0 74.5 70.0 68.5 66.9 66.3 63.7 60.4	Rated Load (lbs) 58,400° 57,300° 55,900° 54,600° 53,200° 51,800° 60,300° 49,000° 47,700° 46,500° 44,400 42,400	58.3 60.0 65.0 70.0 85.0 90.0 91.0 110.0	300 Boom Angle (deg.) 80.0 79.5 78.0 76.5 74.9 73.4 71.8 70.2 68.6 66.9 63.6	42,300° 42,200° 41,500° 40,800° 39,900° 37,500° 36,500° 35,600° 34,700° 33,100°	76.0 60.0 65.0 70.0 76.0 80.0 85.0 90.0 91.0 110.0 120.0 130.0	70.0 Boom Angle (deg.) 80.0 79.5 78.2 76.9 75.5 74.1 72.8 71.4 70.0 68.6 67.2 64.3 61.3 58.2	Pated Load (lbs) 46,700* 46,200* 44,900* 43,600* 42,300* 41,300* 40,300* 38,400* 37,600* 36,700* 33,200* 30,900*	Load Padius (ft) 71.1 76.0 80.0 86.0 90.0 110.0 120.0 130.0	80.0 79.0 77.6 76.1 74.7 73.2 71.8 68.8 65.7 62.5	29,700° 29,700° 29,700° 29,600° 28,800° 28,300° 27,700° 26,200° 24,900° 23,900°	Padius (ft) 60.0 65.0 70.0 75.0 80.0 85.0 90.0 91.0 110.0 110.0 140.0 150.0	10 Boom Angle (deg.) 80.0 78.8 77.6 76.3 75.1 73.8 72.6 71.3 70.0 64.7 62.0 59.1 56.2	Pared Load (bs) 26,600° 26,000° 25,400° 24,700° 24,100° 23,100° 22,100° 21,000° 19,200° 18,500° 17,600°	83.9 85.0 90.0 100.0 110.0 140.0 150.0	80.0 79.8 78.5 77.2 75.8 73.1 70.4 67.5 64.6 61.5	17,800° 17,800° 17,800° 17,500° 16,800° 16,800° 15,800° 14,900° 14,900° 14,500°	Radius (t) 66.9 70.0 75.0 80.0 85.0 90.0 110.0 120.0 130.0 140.0 150.0 160.0	700 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.7 73.6 65.1 62.6 60.0 57.3	Pated Load (lbs) 14,700* 14,600* 14,100* 13,700* 13,200* 12,500* 12,500* 10,900* 10,400* 10,000* 9,500* 9,100*	97.1 100.0 110.0 120.0 150.0 160.0	80.0 79.3 76.8 74.3 71.7 69.1 66.4 63.6	9,20 9,20 9,20 9,00 8,70 8,40 8,30 7,90 7,80
46.3 48.0 50.0 55.0 66.0 70.0 75.0 85.0 90.0 90.0 10.0 20.0	79.5 79.5 76.0 74.5 70.0 68.5 66.9 66.3 63.7 60.4 57.0	Rated Load (lbs) 58,400° 57,300° 55,900° 54,600° 53,200° 51,800° 60,300° 44,000° 44,400 42,400 40,300	Load Radius (t) Load Radius (t	300 Boom Angle (deg.) 80.0 79.5 78.0 76.5 74.9 70.2 68.6 66.9 63.6 60.1	42,300° 42,200° 41,500° 40,800° 39,900° 36,500° 36,500° 34,700° 33,100° 31,700°	76.0 60.0 65.0 70.0 76.0 80.0 90.0 100.0 120.0 140.0 140.0	70.0 80.0 79.5 78.2 76.9 75.5 74.1 72.8 71.4 70.0 68.6 67.2 64.3 61.3 58.2 55.0	Pated Load (lbs) 46,700* 44,900* 44,900* 44,900* 41,300* 42,300* 41,300* 33,300* 36,700* 35,000* 33,200* 30,900* 28,900*	Load Padius (ft) 71.1 75.0 80.0 86.0 90.0 110.0 120.0 140.0	80.0 79.0 77.6 76.1 74.7 73.2 71.8 68.8 65.7 62.5	29,700° 29,700° 29,700° 29,600° 29,300° 28,800° 27,700° 26,200° 24,900° 23,900° 22,900°	Pedius (ft) 60.0 65.0 70.0 75.0 80.0 85.0 90.0 91.0 110.0 110.0 140.0 150.0 160.0	70.0 Boom Angle (deg.) 80.0 78.8 77.6 76.3 75.1 73.8 72.6 71.3 70.0 67.4 64.7 62.0 59.1 56.2 53.2	Pared Load (bs) 26,000* 25,400* 24,700* 24,100* 23,100* 22,100* 21,000* 19,200* 17,600* 17,100*	Radius (ft) 83.9 85.0 96.0 110.0 120.0 140.0 150.0 160.0	80.0 79.8 78.5 77.2 75.8 73.1 70.4 67.5 64.6 61.5 58.3	17,800° 17,800° 17,800° 17,500° 16,800° 16,300° 15,800° 14,900° 14,900° 14,200°	Redius (t) 66.9 70.0 75.0 80.0 85.0 90.0 100.0 120.0 130.0 140.0 150.0 170.0	70.0 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.7 73.6 65.1 62.6 60.0 57.3 54.5	Pated Load (lbs) 14,700* 14,600* 14,100* 13,700* 13,200* 12,500* 12,500* 10,900* 10,400* 10,000* 9,500* 9,100* 8,800*	97.1 100.0 110.0 120.0 150.0 170.0	80.0 79.3 76.8 74.3 71.7 66.4 60.7	9,20 9,20 9,20 9,00 8,70 8,40 8,30 7,90 7,50
46.3 48.0 50.0 55.0 66.0 70.0 75.0 80.0 90.0 90.0 10.0 20.0	79.5 79.5 79.0 74.5 76.0 74.5 70.0 68.5 66.9 66.3 63.7 60.4 57.0 63.5	Rated Load (lbs) 58,400° 57,300° 55,900° 54,600° 53,200° 51,800° 60,300° 49,000° 47,700° 46,500° 44,400 42,400 40,300 37,200	E Jib ngle (1) Load Radius (1) 58.3 60.0 65.0 70.0 75.0 85.0 90.0 95.0 110.0 1120.0 1130.0	300 Boom Angle (deg.) 80.0 79.5 78.0 76.5 74.9 73.4 71.8 70.2 68.6 66.9 63.6 60.1 56.4	42,300° 42,200° 41,500° 40,800° 39,900° 36,500° 36,500° 31,700° 31,700° 30,500°	76.0 60.0 66.0 70.0 76.0 80.0 85.0 90.0 91.0 110.0 110.0 140.0 150.0	70 Boom Angle (deg.) 80.0 79.5 78.2 76.9 75.5 74.1 72.8 71.4 70.0 68.6 67.2 64.3 61.3 58.2 55.0 61.6	Pated Load (lbs) 46,700* 46,200* 44,900* 44,900* 42,300* 41,300* 40,300* 33,300* 36,700* 35,000* 33,200* 30,900* 28,900* 27,200*	T1.1 75.0 85.0 90.0 95.0 110.0 120.0 140.0 150.0	80.0 79.0 77.6 76.1 74.7 73.2 71.8 88.8 65.7 62.5 59.2 56.7	29,700° 29,700° 29,700° 29,600° 29,300° 28,800° 27,700° 26,200° 24,900° 23,900° 22,900° 22,100°	Padius (ft) 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 130.0 140.0 150.0 170.0	700 Boom Angle (deg.) 80.0 78.8 77.6 76.3 75.1 73.8 72.6 71.3 70.0 67.4 64.7 62.0 59.1 66.2 53.2 60.0	Pared Load (bs) 26,600° 25,400° 25,400° 24,100° 23,100° 22,100° 21,100° 20,000° 19,200° 17,100° 16,500°	Radius (ft) 83.9 85.0 95.0 100.0 110.0 120.0 140.0 150.0 170.0	80.0 79.8 78.5 77.2 75.8 64.6 61.5 58.3 65.0	17,800° 17,800° 17,800° 17,500° 16,800° 16,300° 15,800° 14,900° 14,900° 14,200° 13,900°	Redius (tt) 66.9 70.0 75.0 80.0 85.0 95.0 100.0 130.0 140.0 150.0 170.0 180.0	70.0 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.7 73.6 65.1 62.6 60.0 57.3 54.5 61.6	Pated Load (lbs) 14,700* 14,600* 14,100* 13,700* 13,200* 12,500* 12,500* 10,900* 10,400* 10,000* 9,500* 9,100* 8,800* 8,600*	97.1 100.0 110.0 120.0 150.0 170.0 180.0	80.0 79.3 76.8 74.3 71.7 69.1 66.4 63.6 60.7 57.5	9,20 9,20 9,20 9,00 8,70 8,40 8,30 7,90 7,50 7,40
46.3 48.0 50.0 65.0 66.0 70.0 75.0 80.0 85.0 90.0 90.0 10.0 10.0 40.0	79.5 79.5 79.0 74.5 73.0 74.5 76.0 68.5 66.9 66.3 63.7 60.4 57.0 63.5 49.8	Rated Load (lbs) 58,400° 57,900° 54,600° 53,200° 51,800° 60,300° 49,000° 44,400° 44,400° 42,400° 40,300° 37,200° 33,300°	Load Radius (t) Load Radius (t	300 Boom Angle (deg.) 80.0 79.5 78.0 76.5 74.9 70.2 68.6 66.9 63.6 60.1	42,300° 42,200° 41,500° 40,800° 39,900° 36,500° 36,500° 34,700° 33,100° 31,700°	76.0 60.0 65.0 70.0 76.0 80.0 90.0 100.0 120.0 140.0 140.0	70.0 80.0 79.5 78.2 76.9 75.5 74.1 72.8 71.4 70.0 68.6 67.2 64.3 61.3 58.2 55.0	Pated Load (lbs) 46,700* 44,900* 44,900* 44,900* 41,300* 42,300* 41,300* 33,300* 36,700* 35,000* 33,200* 30,900* 28,900*	Load Padius (ft) 71.1 75.0 80.0 86.0 90.0 110.0 120.0 140.0	80.0 79.0 77.6 76.1 74.7 73.2 71.8 68.8 65.7 62.5 59.2 56.7 52.0	29,700° 29,700° 29,700° 29,600° 29,800° 28,300° 27,700° 26,200° 24,900° 22,900° 22,100° 21,400°	Pedius (ft) 60.0 65.0 70.0 75.0 80.0 85.0 90.0 91.0 110.0 110.0 140.0 150.0 160.0	70.0 Boom Angle (deg.) 80.0 78.8 77.6 76.3 75.1 73.8 72.6 71.3 70.0 67.4 64.7 62.0 59.1 56.2 53.2	Pared Load (bs) 26,000* 25,400* 24,700* 24,100* 23,100* 22,100* 21,000* 19,200* 17,600* 17,100*	Radius (ft) 83.9 85.0 96.0 110.0 120.0 140.0 150.0 160.0	80.0 79.8 78.5 77.2 75.8 73.1 70.4 67.5 64.6 61.5 58.3	17,800° 17,800° 17,800° 17,500° 16,800° 16,300° 15,800° 14,900° 14,900° 14,200°	Redius (t) 66.9 70.0 75.0 80.0 85.0 90.0 100.0 120.0 130.0 140.0 150.0 170.0	70.0 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.7 73.6 65.1 62.6 60.0 57.3 54.5	Pated Load (lbs) 14,700* 14,600* 14,100* 13,700* 13,200* 12,500* 12,500* 10,900* 10,400* 10,000* 9,500* 9,100* 8,800*	97.1 100.0 110.0 120.0 150.0 170.0	80.0 79.3 76.8 74.3 71.7 66.4 60.7	9,20 9,20 9,20 9,00 8,70 8,40 8,30 7,90 7,50
46.3 48.0 50.0 55.0 66.0 770.0 770.0 85.0 90.0 95.0 10.0 20.0 30.0 40.0	70.0 80.0 79.5 79.0 77.5 76.0 74.5 73.0 71.5 66.9 66.3 63.7 60.4 57.0 53.5 49.8 45.8	Rated Load (lbs) 58,400° 57,300° 55,900° 54,600° 53,200° 51,800° 60,300° 49,000° 47,700° 46,500° 44,400 42,400 40,300 37,200	E Jib ngle (1) Load Radius (1) 68.3 60.0 65.0 70.0 75.0 85.0 90.0 910.0 110.0 120.0 140.0	300 Boom Angle (deg.) 80.0 79.5 78.0 76.5 74.9 73.4 71.8 70.2 68.6 66.9 63.6 60.1 56.4 52.6	42,300° 42,200° 41,500° 40,800° 39,900° 36,500° 36,500° 31,700° 31,700° 30,500° 29,500°	75.0 65.0 70.0 85.0 70.0 85.0 90.0 95.0 100.0 110.0 120.0 140.0 150.0	70 Boom Angle (deg.) 80.0 79.5 78.2 76.9 75.5 74.1 72.8 71.4 70.0 68.6 67.2 64.3 61.3 58.2 55.0 61.6 48.1	Pated Load (lbs) 46,700* 44,900* 44,900* 44,900* 41,300* 40,300* 33,300* 36,700* 35,000* 33,200* 30,900* 28,900* 27,200* 25,600*	71.1 76.0 80.0 96.0 110.0 120.0 140.0 150.0	80.0 79.0 77.6 76.1 74.7 73.2 71.8 68.8 65.7 62.5 59.2 56.7 52.0	29,700° 29,700° 29,700° 29,600° 29,300° 28,800° 27,700° 26,200° 24,900° 23,900° 22,900° 22,100°	Redius (ft) 60.0 65.0 70.0 75.0 80.0 85.0 90.0 110.0 120.0 130.0 140.0 170.0 180.0	70.0 67.4 64.7 62.0 59.1 56.2 60.0 46.6	Pared Load (bs) 26,600° 25,400° 25,400° 24,100° 23,100° 22,100° 21,100° 20,000° 19,200° 17,100° 16,500° 15,900°	83.9 85.0 90.0 110.0 120.0 140.0 150.0 170.0 180.0	80.0 79.8 78.5 77.2 75.8 64.6 61.5 58.3 656.0 51.4	17,800° 17,800° 17,800° 17,500° 17,200° 16,800° 15,800° 14,900° 14,900° 14,900° 13,900° 13,600°	Redius (tt) 66.9 70.0 75.0 80.0 85.0 90.0 100.0 110.0 140.0 150.0 160.0 170.0 180.0	70.0 67.6 66.1 62.6 60.0 57.3 54.5 61.6 48.6	Pared Load (lbs) 14,700* 14,600* 14,100* 13,700* 12,500* 12,500* 12,500* 10,400* 10,000* 9,500* 9,100* 8,800* 8,600* 8,100*	97.1 100.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	80.0 79.3 76.8 74.3 71.7 69.1 66.4 63.6 60.7 57.6 54.4	9,20 9,20 9,00 8,70 8,40 8,30 7,90 7,50 7,40
46.3 48.0 50.0 55.0 65.0 70.0 75.0 80.0 85.0 90.0	70.0 80.0 79.5 79.0 77.5 76.0 74.5 73.0 68.5 66.9 66.3 63.7 60.4 57.0 63.5 49.8 45.8 41.5	Rated Load (lbs) 58,400° 57,300° 54,600° 53,200° 54,600° 60,300° 44,700° 46,500° 46,400° 44,400 42,400 40,300 37,200 33,300 29,800	E Jib ngle (1 Load Padius (1) 1 No.	300 Boom Angle (deg.) 80.0 79.5 78.0 76.5 74.9 73.4 71.8 70.2 68.6 66.9 63.6 60.1 56.4 52.6 48.4	42,300° 42,200° 41,500° 40,800° 39,900° 36,500° 36,500° 31,700° 31,700° 30,500° 29,500° 28,700	Facilus (ft) 53.1, 55.0 60.0 65.0 70.0 80.0 95.0 110.0 110.0 120.0 140.0 150.0 170.0	70.0 68.6 67.2 64.3 61.3 68.6 67.2 64.3 61.3 68.6 67.2 64.3 61.3 68.6 67.2 64.3 64.3 64.3	Pated Load (lbs) 46,700* 44,900* 44,900* 44,900* 41,300* 41,300* 39,300* 38,400* 36,700* 35,000* 33,200* 30,900* 225,600* 24,300	71.1 76.0 80.0 96.0 110.0 120.0 140.0 150.0 170.0	80.00 79.00 77.6 17.4.7 73.2 71.8 68.8 65.7 62.5 59.2 66.7 52.0 48.0	29,700° 29,700° 29,700° 29,600° 29,300° 28,300° 27,700° 26,200° 24,900° 22,900° 22,100° 21,400° 20,700°	Radius (ft) 60.0 65.0 70.0 75.0 80.0 85.0 95.0 100.0 110.0 120.0 140.0 150.0 170.0 180.0 190.0	70.0 62.0 59.1 56.2 53.2 60.0 46.6 43.1	Pared Load (bs) 26,600° 25,400° 25,400° 24,100° 23,100° 22,100° 22,100° 21,000° 19,200° 17,100° 16,500° 15,900° 16,400°	83.9 85.0 90.0 110.0 120.0 130.0 140.0 150.0 180.0 190.0	80.0 79.8 78.5 77.2 75.8 64.6 61.5 58.3 55.0 51.4 47.6	17,800° 17,800° 17,800° 17,500° 16,800° 16,300° 15,800° 14,900° 14,900° 13,900° 13,600° 13,400°	Padius (ft) 66.9 70.0 75.0 80.0 85.0 90.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 190.0 200.0	70.0 67.6 66.1 62.6 645.3 645.3	Pared Load (lbs) 14,700* 14,600* 14,100* 13,700* 12,500* 12,500* 12,500* 10,900* 10,400* 10,000* 9,500* 9,100* 8,800* 8,600* 8,100* 8,000*	97.1 100.0 120.0 130.0 140.0 150.0 170.0 190.0 200.0	80.0 79.3 76.8 74.3 71.7 69.1 66.4 63.6 60.7 67.6 54.4 61.0	9,20 9,20 9,20 9,00 8,70 8,40 8,30 7,90 7,50 7,40 7,20
46.3 48.0 50.0 55.0 66.0 65.0 70.0 75.0 85.0 90.0 90.0 10.0 20.0 40.0 50.0 60.0 70.0	700 Boom Angle (deg.) 80.0 77.5 76.0 74.5 73.0 74.5 70.0 68.5 66.9 66.3 63.7 60.4 57.0 63.5 49.8 45.8 41.5 36.8 31.4	Rated Load (lbs) 58,400* 57,300* 55,900* 54,600* 53,200* 51,800* 60,300* 44,400 42,400 42,400 40,300 37,200 33,300 29,800 26,800 24,300 22,100	68.3 60.0 65.0 70.0 75.0 85.0 90.0 95.0 110.0 120.0 140.0 150.0 170.0 170.0	300 Boom Angle (deg.) 80.0 78.0 78.0 76.5 74.9 73.4 71.8 66.9 63.6 60.1 56.4 44.0 39.0 33.2	42,300° 42,200° 41,500° 40,800° 39,900° 36,500° 36,500° 31,700° 31,700° 30,500° 29,500° 22,400 24,800 22,300	Facilus (ft) 53.1, 55.0, 60.0, 65.0, 70.0, 70.0, 80.0, 990.0, 110.0, 120.0, 140.0, 150.0, 170.0, 180.0, 190.0, 190.0, 190.0, 200.0,	70.0 68.6 67.2 643.3 61.3 40.3 35.8 30.7	Pated Load (lbs) 46,700° 44,900° 44,900° 43,500° 41,300° 40,300° 38,400° 36,700° 36,700° 36,000° 33,200° 25,600° 22,900 22,900 29,900 19,100	71.1 75.0 80.0 110.0 120.0 120.0 140.0 150	80.0 79.0 77.6 76.1 74.7 73.2 71.8 68.8 65.7 62.6 59.2 48.0 43.7 38.9 33.2	29,700° 29,700° 29,700° 29,700° 29,600° 28,800° 28,300° 27,700° 26,200° 24,900° 22,100° 21,400° 20,700° 20,100° 19,800° 19,300°	Radius (ft) 60.0 65.0 70.0 75.0 80.0 85.0 90.0 110.0 120.0 140.0 150.0 170.0 180.0 190.0 200.0 220.0	70.0 65.1 76.2 77.4 70.0 67.4 64.7 62.0 59.1 56.2 53.2 60.0 46.6 43.1 39.2 34.9 30.1	Pared Load (lbs) 26,600° 26,000° 25,400° 24,700° 23,600° 23,100° 22,100° 22,100° 21,000° 17,100° 16,500° 15,900° 15,900° 14,700° 14,300°	Redius (tt) 83.9 85.0 90.0 110.0 120.0 140.0 150.0 190.0 200.0 210.0 220.0	80.0 79.8 80.0 79.8 77.2 75.8 73.1 70.4 67.5 64.6 61.5 58.3 55.0 51.4 47.6 43.4 38.8 33.1	17,800° 17,800° 17,800° 17,500° 17,500° 16,800° 16,800° 14,900° 14,900° 13,400° 13,400° 13,400° 13,400°	Padius (ft) 66.9 70.0 75.0 80.0 95.0 100.0 110.0 120.0 170.0 180.0 170.0 180.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	70.0 67.6 65.1 62.6 60.0 57.3 54.5 51.6 48.6 45.3 41.9 38.2 34.1	Fared Load (lbs) 14,700* 14,600* 14,100* 13,700* 12,500* 12,500* 10,400* 10,000* 9,500* 9,100* 8,800* 8,100* 8,000* 7,700* 7,600* 7,400*	97.1 100.0 110.0 120.0 150.0 170.0 190.0 200.0 210.0 230.0	80.0 79.3 76.8 74.3 71.7 69.1 66.4 61.0 47.3 43.2 38.6	9,20 9,20 9,20 9,00 8,70 8,30 7,50 7,40 7,20 7,20 7,00 6,90 6,60
46.3 48.0 50.0 55.0 66.0 70.0 75.0 85.0 90.0 90.0 10.0 20.0 30.0 40.0 70.0	700 Boom Angle (deg.) 80.0 77.5 76.0 74.5 73.0 74.5 70.0 68.5 66.9 66.3 63.7 60.4 57.0 63.5 49.8 45.8 41.5 36.8 31.4	Rated Load (lbs) 58,400* 57,300* 56,900* 54,600* 53,200* 51,800* 60,300* 44,400 44,400 42,400 40,300 37,200 33,300 29,800 26,800 24,300	68.3 60.0 66.0 70.0 75.0 90.0 110.0 120.0 140.0 150.0 170.0	300 Boom Angle (deg.) 80.0 78.0 78.0 76.5 74.9 73.4 71.8 66.9 63.6 60.1 56.4 44.0 39.0 33.2	42,300° 42,200° 41,500° 40,800° 39,900° 36,500° 35,600° 31,700° 30,500° 29,500° 22,400 24,800	Facilus (ft) 53.1, 55.0 60.0 65.0 70.0 75.0 80.0 90.0 910.0 110.0 120.0 140.0 150.0 170.0 180.0 190.0	70.0 68.6 67.2 643.3 68.1 443.3 36.8	Pated Load (lbs) 46,700* 46,200* 44,900* 44,900* 41,300* 41,300* 39,300* 38,400* 36,700* 35,000* 33,200* 30,900* 22,900* 22,900 20,900	71.1 75.0 80.0 95.0 110.0 120.0 140.0 170.0 180.0 190.0 190.0 190.0 190.0 190.0 190.0	80.0 79.0 77.6 76.1 74.7 73.2 71.8 68.8 65.7 62.6 59.2 48.0 43.7 38.9 33.2	29,700° 29,700° 29,700° 29,600° 29,300° 28,800° 27,700° 26,200° 24,900° 22,900° 21,400° 20,700° 20,100° 19,800°	Radius (ft) 60.0 65.0 70.0 75.0 80.0 85.0 99.0 100.0 120.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0	700 652 650 43.1 39.2 34.9	Pared Load (bs) 26,600° 26,000° 25,400° 24,700° 23,600° 23,100° 22,100° 22,100° 21,000° 19,200° 17,100° 16,500° 15,900° 15,900° 15,100° 14,700°	Redius (tt) 83.9 85.0 90.0 110.0 120.0 140.0 150.0 170.0 180.0 190.0 200.0 210.0	80.0 79.8 80.0 79.8 77.2 75.8 73.1 70.4 67.5 64.6 61.5 58.3 55.0 51.4 47.6 43.4 38.8	17,800° 17,800° 17,800° 17,500° 17,200° 16,800° 15,800° 14,900° 14,900° 13,400° 13,400° 13,400° 13,400°	Padius (ft) 66.9 70.0 75.0 80.0 85.0 90.0 110.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0 210.0 220.0	70.0 67.6 65.1 62.6 60.0 57.3 54.5 51.6 48.6 45.3 41.9 38.2	Pared Load (fbs) 14,700* 14,600* 14,100* 13,700* 12,500* 12,500* 10,400* 10,000* 9,500* 9,100* 8,800* 8,100* 8,000* 7,700* 7,500*	97.1 100.0 110.0 120.0 150.0 170.0 190.0 200.0 210.0 220.0	80.0 79.3 76.8 74.3 71.7 69.1 66.4 63.6 60.7 57.6 54.4 51.0 47.3 43.2	9,20 9,20 9,00 9,00 8,70 8,40 8,30 7,50 7,40 7,20 7,20 6,90

Note: Designed and rated to comply with ANSI Code B30.5

170' Boom

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

		401	t Jib					60 f	t Jib					80	ft Jib					100	ft Jib		
	(Offset A	ngle (d	deg.)			(Offset A	ngle (deg.)			(Offset A	ngle (d	deg.)			(Offset A	ngle (deg.)	
	10			30			10			30			10			30			10			30	
Load Padius (ft)	Angle (deg.)	Pated 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 Padius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Angle (deg.)	Pated Load (lbs)	Load Padius (ft)	Angle (deg.)	Pated Load (lbs)
48.2	80.0	58,400*				55.1	80.0	46,700*				61.7	80.0	26,600*				68.6	80.0	14,900"			
50.0	79.5	67,800*				60.0	78,7	45,300*				65.0	79.3	26,300*				70.0	79.7	14,800*			
55,0	78.1	56,400*	6.3	4.4		65.0	77.4	44,000°	200	55.		70.0	78.1	25,600*				75.0	78.6	14,200*			
60.0	76.7	55,100*	60.0	80,0	42,300*	70.0	76.2	42,900"	73.1	80.0	29,700*	75.0	76.9	24,900*				80.0	77.5	13,800*			
65.0	75.3	53,900*	65.0	78,6	41,700*	75.0	74.9	41,800*	75.0	79.5	29,700*	80.0	75.7	24,300*		00.0	47 0000	85.0	76.4	13,400"			
70.0	73.9	62,400"	70.0	77.2	41,000*	80.0	73.6	40,700*	80.0	78.1	29,600*	85.0	74.5	23,800*	86.9	80.0	17,800*	90.0	75.3	13,100*	00.7	000	0.200
75.0 80.0	72.4	51,100* 49,900*	75.0 80.0	75.7 74.2	40,300* 39,300*	85.0 90.0	72.2 70.9	39,900° 38,900°	85.0 90.0	76.8 7 5.4	29,300* 29,000*	90.0	73.3 72.1	23,300* 22,800*	90.0	79.0 77.7	17,500° 17,300°	95.0 100.0	74.2 73.1	12,700* 12,400*	98.7	80.0 79.7	9,200
85.0	69.5	48,700*	85.0	72.7	38,200"	95.0	69.6	38,000*	95.0	74.0	28,600*	100.0	70.8	22,300*	100.0	76.5	17,000	110.0	70.8	11,700	110.0	77.4	9,200
90.0	68.1	47,700*	90.0	71.2	37,100*	100.0	68.2	37,200°	100.0	72.7	28,100*	110.0	68.4	21,300*	110.0	73.9	16,400*	120.0	68.5	11,100*	120.0	75.0	8,900
95.0	66.6	46,700"	95.0	69.7	36,200*	110.0	65.5	35,700*	110.0	69.8	26,600*	120.0	65.8	20,300*	120.0	71.3	15,900	130.0	66.1	10,600*	130.0	72.5	8,600
100.0	65.1	45,700	100.0	68.2	35,400°	120.0	62.7	34,200°	120.0	66.9	25,500°	130.0	63.2	19,500*	130.0	68.6	15,400*	140.0	63.7	10,200°	140.0	70.0	8,300
110.0	62.0	43,700	110.0	65.0	33,700*	130.0	59.8	32,000*	130.0	63.9	24,300*	140.0	60.5	18,800*	140.0	65.8	15,100*	150.0	61.2	9,700*	150.0	67.4	8,100
120.0	68.8	41,300	120.0	61.8	32,300"	140.0	56.8	29,900*	140.0	60.8	23,300*	150.0	67.8	18,100*	150.0	62.9	14,800*	160.0	58.7	9,300*	160.0	64.8	7,800
130.0	55.5	36,600	130.0	58.4	31,200*	150.0	53.6	28,100*	150.0	57.6	22,500*	160.0	54.9	17,400*	160.0	60.0	14,400*	170.0	56.1	9,000*	170.0	62.0	7,700
140.0	52.1	32,600	140.0	64,8	30,000*	160.0	50.4	26,500	160.0	54.2	21,700*	170.0	62.0	16,700*	170.0	56.9	14,100*	180.0	53.3	8,700*	180.0	59.2	7,400
150.0	48.4	29,100	150.0	51.1	29,100	170.0	46.9	24,600	170.0	50.6	20,900*	180.0	48.9	16,300*	180.0	53.6	13,700*	190.0	50.5	8,300*	190.0	56.2	7,400
160.0	44.6	26,200	160.0	47.1	26,800	180.0	43.3	22,300	180.0	46.7	20,500*	190.0	45.6	15,800*	190.0	60.1	13,600°	200.0	47.5	8,100*	200.0	63.0	7,200
170.0	40.4	23,700	170.0	42.7	24,100	190.0	39.3	20,300	190.0	42.5	20,000*	200.0	42.1	15,400*	200.0	46.4	13,400*	210.0	44.4	7,900*	210.0	49.7	7,200
180.0	35.8	21,400	180.0	37.8	21,800	200.0	34.9	18,400	200.0	37.7	19,200*	210.0	38.3	14,900*	210.0	42.3	13,200*	220.0	41.0	7,700*	220.0	46.1	7,000
190.0	30.6	19,400	190.0	32,3	19,600	209.9	30,0	16,900	210.0	32,3	17,400	220.0	34.1	14,600*	220,0	37.6	13,200*	230.0	37.4	7,400*	230.0	42.1	7,000
191.2	30.0	19,100	193.6	30.0	18,900				213.6	30.0	16,700	228.6	30.0	14,300*	230.0	32.2	13,200*	240.0	33.4	7,200*	240.0	37.6	6,70
	100	1	1.75						111	61				40.00	233.5	30.0	13,200*	247.3	30.0	6,600*	250.0	32.2	6,100
											- 4			4.5							253.6	30.0	5,90
Ree	eves	2	Ree	ves	2	Ree	ves	2	Ree	ves	1	Ree	ves	1	Ree	ves	1	Ree	ves	1	Ree	ves	1
	180)' Boo	m	- 1																			
		401	t Jib					60 f	t Jib					801	ft Jib					100	ft Jib		
	(Offset A	ngle (d	deg.)	- 1		(Offset A	ngle (deg.)			(Offset A	ngle (d	deg.)			(Offset A	ngle (deg.)	
	10			30			10			30			10			30			10	11		30	
Load adius (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 Padius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Padius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Padius (ft)	Boom Angle (deg.)	Pated Load (lbs)
49.9	80.0	58,200*				56.8	80.0	46,500*		-		63.6	80.0	26,600*				70.5	80.0	14,900*			
60.0	79.9	58,100°				60.0	79.2	45,800"				65.0	79.7	26,500*				75.0	79.0	14,400*			
55.0	78.6	57,000*				65.0	78.0	44,600*				70.0	78.5	25,800*				80.0	78.0	14,000*			
60.0	77.3	65,700°	62.0	80.0	42,300*	70.0	76.7	43,500"	74.8	80,0	29,700*	75.0	77.4	25,200"				85.0	76.9	13,600*			
65.0	76.0	54,500*	65.0	79.2	41,900*	75.0	75.5	42,400*	75.0	79.9	29,700*	80.0	76.3	24,700*	10.0			90.0	75.8	13,300*			
70.0	74.6	53,200*	70.0	77.8	41,200*	80.0	74.3	41,400*	80.0	78.7	29,700*	85.0	76.1	24,000*	87.5	80.0	17,800*	96.0	74.8	13,000*			
	73.3	52,000*	75.0	76.4	40,600*	85.0	73,0	40,400*	85.0	77.4	29,500*	90.0	74.0	23,500*	90.0	79.4	17,700*	100.0	73.7	12,600*	100,3	80.0	9,400
75.0	73.0			1000	39,800*	000	71.7	39,500"	90.0	76.1	29,200*	95.0	72.8	23,000*	96.0	78.2	17,400*	110.0	71.5	12,000*	110.0	77.9	9,300
75.0 80.0	100000	50,800*	80.0	75.0	33,000	90.0	1.10							ALC: UNKNOWN	100.0	77.0	17,000*	120.0	69.3	11,400*	120.0	75.6	8,900
80.0 85.0	71,9 70.5	60,800* 49,600*	85.0	73.6	38,800°	95.0	70.5	38,700*	95.0		28,700*	100.0	71.6	22,600*	1000	100				****	1200	73.2	8,600
80.0 85.0 90.0	71.9 70.5 69.1	60,800 * 49,600* 48,600 *	85.0 90.0	73.6 72.2	38,800° 37,800°	95.0 100.0	70.5 69.2	38,700° 37,800°	100.0	73.4	28,200°	110.0	69.2	21,700*	110.0	74.6	16,500*	130.0	67.0	10,800*	130.0	1000	
80.0 85.0 90.0 95.0	71.9 70.5 69.1 67.7	60,800° 49,600° 48,600° 47,600°	95.0 95.0	73.6 72.2 70.7	38,800° 37,800° 36,800°	95.0 100.0 110.0	70.5 69.2 66.6	38,700° 37,800° 36,300°	100.0 110.0	73.4 70.8	28,200° 27,100°	110.0 120.0	69.2 66.8	21,700* 20,700*	110.0 120.0	74.6 72.1	16,000*	140.0	64.7	10,400*	140.0	70.8	8,300
85.0 90.0 95.0 100.0	71.9 70.5 69.1 67.7 66.3	49,600° 48,600° 47,600° 46,600	95.0 95.0 100.0	73.6 72.2 70.7 69.3	38,800° 37,800° 36,800° 35,800°	95.0 100.0 110.0 120.0	70.5 69.2 66.6 63.9	38,700° 37,800° 36,300° 35,000°	100.0 110.0 120.0	73.4 70.8 68.0	28,200° 27,100° 25,800°	110.0 120.0 130.0	69.2 66.8 64.4	21,700* 20,700* 19,900*	110.0 120.0 130.0	74.6 72.1 69.6	16,000° 16,600°	140.0 150.0	64.7 62.4	10,400* 9,900 *	140.0 160.0	70.8 68.4	8,300 8,100
80.0 85.0 90.0 95.0 100.0	71.9 70.5 69.1 67.7 66.3 63.4	49,600" 48,600" 47,600" 46,600 44,600	95.0 95.0 100.0 110.0	73.6 72.2 70.7 69.3 66.3	38,800° 37,800° 36,800° 35,800° 34,300°	95.0 100.0 110.0 120.0 130.0	70.5 69.2 66.6 63.9 61.2	38,700° 37,800° 36,300° 35,000° 33,100°	100.0 110.0 120.0 130.0	73.4 70.8 68.0 65.2	28,200* 27,100* 25,800* 24,800*	110.0 120.0 130.0 140.0	69.2 66.8 64.4 61.8	21,700* 20,700* 19,900* 19,200*	110.0 120.0 130.0 140.0	74.6 72.1 69.6 66.9	16,000* 15,600* 15,100*	140.0 150.0 160.0	64.7 62.4 60.0	10,400* 9,900 * 9,600*	140.0 160.0 160.0	70.8 68.4 65.9	8,300 8,100 8,000
80.0 85.0 90.0 95.0 100.0 110.0	71.9 70.5 69.1 67.7 66.3 63.4 60.4	49,600" 48,600" 47,600" 46,600 44,600 40,700	95.0 95.0 100.0 110.0 120.0	73.6 72.2 70.7 69.3 66.3 63.2	38,800° 37,800° 36,800° 35,800° 34,300° 33,000°	95.0 100.0 110.0 120.0 130.0 140.0	70.5 69.2 66.6 63.9 61.2 58.3	38,700° 37,800° 36,300° 35,000° 33,100° 30,900	100.0 110.0 120.0 130.0 140.0	73.4 70.8 68.0 65.2 62.3	28,200* 27,100* 25,800* 24,800* 23,800*	110.0 120.0 130.0 140.0 150.0	69.2 66.8 64.4 61.8 69.2	21,700* 20,700* 19,900* 19,200* 18,300*	110.0 120.0 130.0 140.0 150.0	74.6 72.1 69.5 66.9 64.2	16,000* 16,600* 15,100* 14,800*	140.0 160.0 160.0 170.0	64.7 62.4 60.0 57.5	9,900° 9,600° 9,200°	140.0 160.0 160.0 170.0	70.8 68.4 65.9 63.3	8,300 8,100 8,000 7,700
80.0 85.0 90.0 95.0 100.0 110.0 120.0	71.9 70.5 69.1 67.7 66.3 63.4 60.4 57.3	49,600" 48,600" 47,600" 46,600 44,600 40,700 36,000	95.0 95.0 100.0 110.0 120.0 130.0	73.6 72.2 70.7 69.3 66.3 63.2 60.1	38,800° 37,800° 36,800° 36,800° 34,300° 33,000° 31,600°	95.0 100.0 110.0 120.0 130.0 140.0 150.0	70.5 69.2 66.6 63.9 61.2 58.3 55.4	38,700° 37,800° 36,300° 35,000° 33,100° 30,900 29,000	100.0 110.0 120.0 130.0 140.0 150.0	73.4 70.8 68.0 65.2 62.3 59.2	28,200* 27,100* 25,800* 24,800* 23,800* 22,900*	110.0 120.0 130.0 140.0 150.0 160.0	69.2 66.8 64.4 61.8 69.2 56.5	21,700* 20,700* 19,900* 19,200* 18,300* 17,900*	110.0 120.0 130.0 140.0 160.0	74.6 72.1 69.5 66.9 64.2 61.4	16,000* 15,600* 15,100* 14,800* 14,400*	140.0 150.0 160.0 170.0 180.0	64.7 62.4 60.0 67.5 54.9	9,900* 9,600* 9,200* 8,900*	140.0 160.0 160.0 170.0 180.0	70.8 68.4 65.9 63.3 60.6	8,300 8,100 8,000 7,700 7,600
80.0 85.0 90.0 95.0 100.0 110.0 120.0 140.0	71,9 70.5 69.1 67.7 66.3 63.4 60.4 57.3 64.1	49,600" 48,600" 47,600" 46,600 44,600 40,700 36,000 32,000	85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0	73.6 72.2 70.7 69.3 66.3 63.2 60.1 66.8	38,800° 37,800° 36,800° 35,800° 34,300° 33,000° 31,600° 30,600	95.0 100.0 110.0 120.0 130.0 140.0 150.0	70.5 69.2 66.6 63.9 61.2 58.3 55.4 62.4	38,700° 37,800° 36,300° 35,000° 33,100° 30,900 29,000 26,600	100.0 110.0 120.0 130.0 140.0 150.0 160.0	73.4 70.8 68.0 65.2 62.3 59.2 66.1	28,200* 27,100* 25,800* 24,800* 23,800* 22,900* 22,000*	110.0 120.0 130.0 140.0 160.0 170.0	69.2 66.8 64.4 61.8 69.2 56.5 63.8	21,700* 20,700* 19,900* 19,200* 18,300* 17,900* 17,200*	110.0 120.0 130.0 140.0 160.0 170.0	74.6 72.1 69.5 66.9 64.2 61.4 68.6	16,000* 15,600* 15,100* 14,800* 14,400* 14,100*	140.0 150.0 160.0 170.0 180.0 190.0	64.7 62.4 60.0 67.6 54.9 62.3	9,900° 9,600° 9,600° 8,900° 8,600°	140.0 160.0 160.0 170.0 180.0 190.0	70.8 68.4 65.9 63.3 60.6 67.8	8,300 8,100 8,000 7,700 7,600 7,400
80.0 85.0 90.0 95.0 100.0 120.0 130.0 140.0	71.9 70.5 69.1 67.7 66.3 63.4 60.4 57.3 64.1 50.8	49,600" 48,600" 47,600" 46,600 44,600 40,700 36,000 32,000 28,500	85.0 90.0 95.0 100.0 110.0 120.0 140.0 150.0	73.6 72.2 70.7 69.3 66.3 63.2 60.1 66.8 53.3	38,800° 37,800° 36,800° 36,800° 34,300° 33,000° 31,600° 29,200	95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0	70.5 69.2 66.6 63.9 61.2 58.3 55.4 62.4 49.2	38,700° 37,800° 36,300° 35,000° 33,100° 30,900 29,000 26,600 23,900	100.0 110.0 120.0 130.0 140.0 150.0 160.0	73.4 70.8 68.0 65.2 62.3 59.2 66.1 52.8	28,200* 27,100* 25,800* 24,800* 23,800* 22,900* 22,000* 21,400*	110.0 120.0 130.0 140.0 160.0 170.0 180.0	69.2 66.8 64.4 61.8 59.2 56.5 63.8 50.9	21,700* 20,700* 19,900* 19,200* 18,300* 17,900* 16,600*	110.0 120.0 130.0 140.0 150.0 160.0 170.0	74.6 72.1 69.6 66.9 64.2 61.4 68.6 55.5	16,000** 15,100** 14,800** 14,400** 14,100**	140.0 150.0 160.0 170.0 180.0 190.0 200.0	64.7 62.4 60.0 67.6 54.9 62.3 49.5	10,400* 9,900* 9,600* 9,200* 8,900* 8,600*	140.0 160.0 160.0 170.0 180.0 190.0 200.0	70.8 68.4 65.9 63.3 60.6 67.8 54.9	8,300 8,100 8,000 7,700 7,600 7,400 7,200
80.0 90.0 95.0 100.0 110.0 120.0 140.0 150.0 160.0	71.9 70.5 69.1 67.7 66.3 63.4 60.4 57.3 64.1 50.8 47.2	60,800° 49,600° 48,600° 47,600° 46,600 44,600 40,700 36,000 28,500 25,600	85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0	73.6 72.2 70.7 69.3 66.3 63.2 60.1 66.8 53.3 49.7	38,800° 37,800° 36,800° 34,300° 31,600° 30,600 29,200 26,200	95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0	70.5 69.2 66.6 63.9 61.2 68.3 55.4 62.4 49.2 45.8	38,700° 37,800° 36,300° 35,000° 33,100° 30,900 29,000 26,600 23,900 21,600	100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0	73.4 70.8 68.0 65.2 62.3 59.2 66.1 52.8 49.3	28,200* 27,100* 25,800* 24,800* 23,800* 22,900* 22,000* 21,400* 20,800*	110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0	69.2 66.8 64.4 61.8 69.2 56.5 63.8 50.9 47.8	21,700* 20,700* 19,900* 19,200* 18,300* 17,900* 17,200* 16,600* 16,100*	110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0	74.6 72.1 69.5 66.9 64.2 61.4 68.6 55.5 62.3	16,000** 15,100** 14,800** 14,400** 14,000** 13,600**	140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0	64.7 62.4 60.0 67.6 54.9 62.3 49.5 46.6	10,400* 9,900* 9,600* 9,200* 8,900* 8,600* 8,200*	140.0 160.0 160.0 170.0 180.0 190.0 200.0 210.0	70.8 68.4 65.9 63.3 60.6 67.8 54.9 61.8	8,300 8,100 8,000 7,700 7,600 7,400 7,200 7,200
80.0 90.0 95.0 100.0 110.0 120.0 140.0 150.0 160.0	71.9 70.5 69.1 67.7 66.3 63.4 60.4 57.3 64.1 50.8 47.2 43.5	60,800° 49,600° 48,600° 47,600° 46,600 44,600 36,000 32,000 28,500 25,600 23,000	85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	73.6 72.2 70.7 69.3 66.3 63.2 60.1 66.8 53.3 49.7 45.8	38,800° 37,800° 36,800° 36,800° 34,300° 33,000° 30,600 29,200 26,200 23,500	95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	70.5 69.2 66.6 63.9 61.2 58.3 55.4 62.4 49.2 45.8 42.3	38,700° 37,800° 36,300° 35,000° 33,100° 30,900 29,000 26,600 21,600 19,600	100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	73.4 70.8 68.0 65.2 62.3 59.2 66.1 52.8 49.3 45.5	28,200* 27,100* 25,800* 24,800* 23,800* 22,900* 21,400* 20,800* 20,300*	110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0 200.0	69.2 66.8 64.4 61.8 59.2 56.5 63.8 50.9 47.8 44.6	21,700* 20,700* 19,900* 19,200* 18,300* 17,900* 16,600* 16,100* 15,700*	110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0 200.0	74.6 72.1 69.6 66.9 64.2 61.4 68.6 55.5 62.3 48.9	16,000° 15,100° 15,100° 14,800° 14,400° 14,000° 13,600° 13,500°	140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0	64.7 62.4 60.0 67.6 54.9 62.3 49.5 46.6 43.5	10,400* 9,900* 9,600* 9,200* 8,900* 8,600* 8,100* 7,800*	140.0 160.0 160.0 170.0 180.0 190.0 200.0 210.0	70.8 68.4 65.9 63.3 60.6 67.8 54.9 61.8 48.5	8,300 8,000 7,700 7,600 7,400 7,200 7,000
80.0 90.0 95.0 100.0 110.0 130.0 140.0 150.0 170.0 180.0	71.9 70.5 69.1 67.7 66.3 63.4 60.4 57.3 64.1 50.8 47.2 43.5 39.4	60,800° 49,600° 48,600° 47,600° 46,600 44,600 36,000 32,000 28,500 23,000 20,800	85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	73.6 72.2 70.7 69.3 66.3 63.2 60.1 66.8 53.3 49.7 45.8 41.5	38,800° 37,800° 36,800° 34,300° 33,000° 30,600 29,200 26,200 23,500 21,100	95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 200.0	70.5 69.2 66.6 63.9 61.2 68.3 55.4 62.4 49.2 45.8 42.3 38.4	38,700* 37,800* 36,300* 35,000* 33,100* 30,900 29,000 26,600 23,900 21,600 19,600 17,700	100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0	73.4 70.8 68.0 65.2 62.3 59.2 66.1 52.8 49.3 45.5 41.3	28,200° 27,100° 26,800° 24,800° 23,800° 22,900° 21,400° 20,800° 20,300° 18,600°	110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0 200.0 210.0	69.2 66.8 64.4 61.8 69.2 56.5 63.8 50.9 47.8 44.6 41.2	21,700° 20,700° 19,900° 19,200° 18,300° 17,900° 16,600° 16,100° 15,700° 16,200°	110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0 200.0 210.0	74.6 72.1 69.6 66.9 64.2 61.4 68.6 55.5 52.3 48.9 45.2	16,000* 15,100* 15,100* 14,800* 14,400* 14,000* 13,600* 13,500* 13,400*	140.0 160.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0 230.0	64.7 62.4 60.0 67.6 54.9 62.3 49.5 46.6 43.5 40.2	10,400° 9,900° 9,600° 8,900° 8,900° 8,200° 8,100° 7,800° 7,700°	140.0 160.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0 230.0	70.8 68.4 65.9 63.3 60.6 67.8 54.9 61.8 48.5 45.0	8,300 8,100 8,000 7,700 7,600 7,200 7,200 7,000 7,000
80.0 90.0 95.0 110.0 1120.0 130.0 140.0 170.0 180.0 190.0	71.9 70.5 69.1 67.7 66.3 63.4 60.4 57.3 64.1 50.8 47.2 43.5 39.4 35.0	60,800° 49,600° 48,600° 47,600° 46,600 44,600 36,000 32,000 28,500 25,600 23,000 20,800 18,700	85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	73.6 72.2 70.7 69.3 66.3 63.2 60.1 66.8 53.3 49.7 45.8 41.5 36.8	38,800° 37,800° 36,800° 34,300° 33,000° 30,600 29,200 26,200 23,500 21,100	95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 200.0 210.0	70.5 69.2 66.6 63.9 61.2 68.3 55.4 62.4 49.2 45.8 42.3 38.4 34.1	38,700° 37,800° 36,300° 35,000° 33,100° 30,900 29,000 26,600 23,900 21,600 17,700 16,300	100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0	73.4 70.8 68.0 65.2 62.3 59.2 66.1 52.8 49.3 45.5 41.3 36.8	28,200° 27,100° 26,800° 24,800° 23,800° 22,900° 21,400° 20,800° 20,300° 16,900	110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0 200.0 210.0	69.2 66.8 64.4 61.8 69.2 56.5 63.8 50.9 47.8 44.6 41.2 37.5	21,700° 20,700° 19,900° 19,200° 18,300° 17,900° 16,600° 16,100° 15,700° 16,200° 14,800°	110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0 200.0 220.0	74.6 72.1 69.6 66.9 64.2 61.4 68.6 55.5 62.3 48.9 45.2 41.2	16,000° 15,600° 15,100° 14,800° 14,400° 14,100° 13,600° 13,500° 13,400° 13,200°	140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0 230.0 240.0	64.7 62.4 60.0 67.6 54.9 62.3 49.5 46.6 43.5 40.2 36.6	10,400° 9,900° 9,600° 9,200° 8,900° 8,600° 8,200° 8,100° 7,800° 7,700°	140.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0 230.0 240.0	70.8 68.4 65.9 63.3 60.6 67.8 54.9 61.8 48.5 45.0 41.0	8,300 8,100 8,000 7,700 7,600 7,200 7,200 7,000 6,900
80.0 90.0 95.0 100.0 110.0 130.0 140.0 150.0 170.0 180.0	71.9 70.5 69.1 67.7 66.3 63.4 60.4 57.3 64.1 50.8 47.2 43.5 39.4 35.0	60,800° 49,600° 48,600° 47,600° 46,600 44,600 36,000 32,000 28,500 23,000 20,800	85.0 90.0 95.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 200.0	73.6 72.2 70.7 69.3 66.3 63.2 60.1 66.8 53.3 49.7 45.8 41.5 36.8 31.3	38,800* 37,800* 36,800* 36,800* 34,300* 33,000* 31,600* 29,200 26,200 23,500 21,100 19,000 17,100	95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 200.0	70.5 69.2 66.6 63.9 61.2 68.3 55.4 62.4 49.2 45.8 42.3 38.4	38,700* 37,800* 36,300* 35,000* 33,100* 30,900 29,000 26,600 23,900 21,600 19,600 17,700	100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 210.0 220.0	73.4 70.8 68.0 65.2 62.3 59.2 66.1 52.8 49.3 45.5 41.3 36.8 31.3	28,200° 27,100° 26,800° 24,800° 23,800° 22,900° 21,400° 20,800° 20,300° 18,600° 16,900 15,300	110.0 120.0 130.0 140.0 160.0 160.0 170.0 180.0 190.0 200.0 210.0 230.0	69.2 66.8 64.4 61.8 59.2 56.5 63.8 50.9 47.8 44.6 41.2 37.5 33.4	21,700° 20,700° 19,900° 19,200° 18,300° 17,900° 16,600° 16,100° 15,700° 14,800° 14,200°	110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0 200.0 220.0 230.0	74.6 72.1 69.5 66.9 64.2 61.4 68.6 55.5 62.3 48.9 45.2 41.2 36.7	16,000° 15,600° 15,100° 14,800° 14,400° 14,000° 13,600° 13,500° 13,200° 13,200° 13,200°	140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0 240.0 260.0	64.7 62.4 60.0 67.6 54.9 62.3 49.5 46.6 43.5 40.2 36.6 32.7	10,400* 9,900* 9,600* 9,200* 8,900* 8,600* 8,100* 7,800* 7,800* 7,400* 7,400*	140.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0 240.0 250.0	70.8 68.4 65.9 63.3 60.6 67.8 54.9 61.8 48.5 45.0 41.0 36.6	8,300 8,100 8,000 7,700 7,600 7,400 7,200 7,000 6,900 6,600
80.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 170.0 180.0 190.0	71.9 70.5 69.1 67.7 66.3 63.4 60.4 57.3 64.1 50.8 47.2 43.5 39.4 35.0	60,800° 49,600° 48,600° 47,600° 46,600 44,600 36,000 32,000 28,500 25,600 23,000 20,800 18,700	85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	73.6 72.2 70.7 69.3 66.3 63.2 60.1 66.8 53.3 49.7 45.8 41.5 36.8 31.3	38,800° 37,800° 36,800° 34,300° 33,000° 30,600 29,200 26,200 23,500 21,100	95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 200.0 210.0	70.5 69.2 66.6 63.9 61.2 68.3 55.4 62.4 49.2 45.8 42.3 38.4 34.1	38,700° 37,800° 36,300° 35,000° 33,100° 30,900 29,000 26,600 23,900 21,600 17,700 16,300	100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0	73.4 70.8 68.0 65.2 62.3 59.2 66.1 52.8 49.3 45.5 41.3 36.8	28,200° 27,100° 26,800° 24,800° 23,800° 22,900° 21,400° 20,800° 20,300° 16,900	110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0 200.0 210.0	69.2 66.8 64.4 61.8 69.2 56.5 63.8 50.9 47.8 44.6 41.2 37.5	21,700° 20,700° 19,900° 19,200° 18,300° 17,900° 16,600° 16,100° 15,700° 16,200° 14,800°	110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0 230.0 240.0	74.6 72.1 69.6 66.9 64.2 61.4 68.6 55.5 62.3 48.9 45.2 41.2 36.7 31.3	16,000° 15,600° 15,100° 14,800° 14,400° 14,000° 13,600° 13,500° 13,200° 13,200° 13,200°	140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0 230.0 240.0	64.7 62.4 60.0 67.6 54.9 62.3 49.5 46.6 43.5 40.2 36.6	10,400° 9,900° 9,600° 9,200° 8,900° 8,600° 8,200° 8,100° 7,800° 7,700°	140.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0 240.0 240.0 260.0	70.8 68.4 65.9 63.3 60.6 67.8 54.9 61.8 48.5 45.0 41.0 36.6 31.3	8,300 8,100 8,000 7,700 7,600 7,200 7,200 7,000 6,600 6,600 6,200
80.0 85.0 90.0 95.0 00.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 99.8	71.9 70.5 69.1 67.7 66.3 63.4 60.4 57.3 64.1 50.8 47.2 43.5 39.4 35.0	60,800° 49,600° 48,600° 47,600° 46,600 44,600 36,000 32,000 28,500 25,600 23,000 20,800 18,700	85.0 90.0 95.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 200.0	73.6 72.2 70.7 69.3 66.3 63.2 60.1 66.8 53.3 49.7 45.8 41.5 36.8 31.3 30.0	38,800* 37,800* 36,800* 36,800* 34,300* 33,000* 31,600* 29,200 26,200 23,500 21,100 19,000 17,100	95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 200.0 210.0	70.5 69.2 66.6 63.9 61.2 55.4 55.4 49.2 45.8 42.3 38.4 34.1 30.0	38,700° 37,800° 36,300° 35,000° 33,100° 30,900 29,000 26,600 23,900 21,600 17,700 16,300	100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 210.0 220.0 222.1	73.4 70.8 68.0 65.2 62.3 59.2 66.1 52.8 49.3 45.5 41.3 36.8 31.3	28,200° 27,100° 26,800° 24,800° 23,800° 22,900° 21,400° 20,800° 20,300° 18,600° 16,900 15,300	110.0 120.0 130.0 140.0 160.0 160.0 170.0 180.0 190.0 200.0 210.0 230.0	69.2 66.8 64.4 61.8 59.2 56.5 63.8 50.9 47.8 44.6 41.2 37.5 33.4 30.0	21,700° 20,700° 19,900° 19,200° 18,300° 17,900° 16,600° 16,100° 15,700° 14,800° 14,200°	110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0 200.0 220.0 230.0	74.6 72.1 69.5 66.9 64.2 61.4 68.6 55.5 62.3 48.9 45.2 41.2 36.7 31.3 30.0	16,000° 15,600° 15,100° 14,800° 14,400° 14,000° 13,600° 13,500° 13,200° 13,200° 13,200°	140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0 240.0 260.0	64.7 62.4 60.0 67.6 54.9 62.3 49.5 46.6 43.5 40.2 36.6 32.7 30.0	10,400* 9,900* 9,600* 9,200* 8,900* 8,600* 8,100* 7,800* 7,800* 7,400* 7,400*	140.0 160.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0 240.0 260.0 260.0	70.8 68.4 65.9 63.3 60.6 67.8 54.9 61.8 48.5 45.0 41.0 36.6 31.3	8,30 8,10 8,00 7,70 7,60 7,40 7,20 7,00 6,90 6,60

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

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

	130)' Boo	1116			1		En i	7 Fb					90.	# Ib			Ť-		100	ft Jib		
	-		t Jib	dan l			-		t Jib	don l			,		ft Jib	don I			-		-	don l	
-	10	Offset A	ngie (d	30 30		-	10	Offset A	ngie (i	30 30			10	Offset A.	ngie (30 30			10	Offset A	ngie (c	30	,
Load	Boom	Rated	Load	Boom	Rated	Load	Boom	Pated	Load	Boom	Rated	Load	Boom	Pated	Load	Boom	Rated	Load	Boom	Pated	Load	Boom	Rated
adius (ft)	Angle (deg.)	Load (lbs)	Radius (ft)	Angle (deg.)	Load (lbs)	Radius (ft)	Angle (deg.)	Load (lbs)	Padius (ft)		Load (lbs)	Radius (ft)	Angle (deg.)	Load (lbs)	Radius (ft)	Angle (deg.)	Load (lbs)	Radius (ft)	Angle (deg.)	Load (lbs)	Radius (ft)	Angle (deg.)	Load (lbs)
51.5 66.0	80.0 79.1	58,400* 67,500 *				58.4 60.0	80.0 79.6	46,500* 46,200*				65.3 70.0	80.0 79.0	26,600° 26,000°	7.1			72.2 75.0	80.0 79.4	14,700° 14,500°			
60.0	77.9	56,200*	63.6	80.0	42,300*	65.0	78.5	45,100*				75.0	77.9	25,500*				80.0	78.4	14,200			
65.0	76.6	66,000*	65.0	79.6	42,100*	70.0	77,3	43,900*	1.1		-	80.0	76,8	24,900*				85.0	77.4	13,600"			
70.0	75.3	53,700*	70.0	78.3	41,500*	75.0	76.1	42,800*	76,4	80.0	29,700*	85.0	75.7	24,2004	89.2	80,0	17,800*	90.0	76,4	13,300*			
75.0	74.0	52,400*	75.0	77.0	40,900*	80,0	74.9	41,800*	80,0	79.1	29,700*	90.0	74.6	23,700*	90.0	79.9	17,700*	95.0	76.3	13,000*			
80.0	72.7	51,300*	80.0	75.7	40,300*	85.0	73.7	40,800*	85.0	77.9	29,700*	95.0	73.5	23,300*	95.0	78.7	17,500*	100.0	74.3	12,600*	102.3	80.0	9,400
85,0	71.4	60,300*	85.0	74.3	39,300*	90.0	72.5	39,900*	90.0	76.7	29,400*	100.0	72.3	22,900*	100.0	77.5	17,300*	110.0	72.2	12,100*	110,0	78.3	9,300
90.0	70.1 68.7	49,300* 48,300*	90.0 95.0	73.0 71.6	38,200° 37,300°	95.0 100.0	71.3 70.1	39,100* 38,300*	95.0	75.4 74.2	29,000* 28,500*	110.0 120.0	70.1 67.7	21,900* 21,000*	110.0 120.0	75.2 72.8	16,600* 16,200*	120.0 130.0	70.1 67.9	11,500* 11,000*	120.0 130.0	76.1 73.9	8,900
100.0	67.4	47,300	100.0	70.3	36,500	110.0	67.6	36,800	110.0	1.	27,500°	130.0	65.4	20,100	130.0	70.4	15,700	140.0	65.7	10,500	140.0	71.6	8,500
110.0	64.6	45,100	110.0	67.4	34,800*	120.0	65.0	35,400*	120.0	69.0	26,200*	140.0	63.0	19,400*	140.0	67.9	15,300*	150.0	63.4	10,100*	150.0	69.3	8,100
120.0	61.8	40,000	120.0	64.6	33,400*	130.0	62.4	34,100*	130,0	66.3	25,200*	150.0	60.5	18,800*	150.0	65.3	15,000*	160.0	61.1	9,600*	160.0	66.9	8,000
130.0	58.9	35,300	130.0	61.6	32,100°	140.0	59.8	31,800	140.0	63.6	24,200*	160.0	58.0	18,100*	160.0	62.7	14,600*	170.0	58.8	9,400*	170.0	64.4	7,700
140.0	55,9	31,300	140.0	58.5	31,000	150.0	57.0	28,900	150.0	60.7	23,200*	170.0	55.3	17,400*	170.0	60,0	14,300*	180.0	56.4	8,900*	180.0	61.9	7,700
150.0	62.8	27,800	150.0	55.3	28,700	160.0	64.2	26,900	160.0	57.8	22,500°	180.0	52.6	17,000*	180.0	67.1	14,000*	190.0	53.8	8,600*	190.0	59.3	7,500
160.0	49.5	24,800	160.0	52.0	25,600	170.0 180.0	51.2 48.1	23,200	170.0 180.0	54.7	21,800"	190.0	49.8 46.8	16,500	190.0 200.0	54.2	13,800"	200.0	51.2 48.5	8,400*	200.0	56.5 53.7	7,300
170.0 180.0	46.1 42.4	20,100	170.0 180.0	48.4 44.6	22,800 20,500	190.0	44.8	21,000 19,000	190.0	51.5 48.0	21,100° 20,100°	210.0	43.7	15,900° 15,600°	210.0	51.0 47.7	13,600° 13,400°	220.0	45.7	8,100° 8,000°	210.0 220.0	50.6	7,200
190,0	38.5	18,100	190.0	40.5	18,300	200.0	41.3	17,100	200.0	44.3	18,100	220.0	40.3	14,900*	220.0	44.1	13,300*	230.0	42.7	7,700*	230.0	47.4	7,000
200.0	34.1	16,200	200.0	35.8	16,400	210.0	37.6	15,400	210.0	40.3	16,300	230.0	36.7	13,600	230.0	40.2	13,200*	240.0	39.4	7,500*	240.0	43.9	6,900
208.3	30.0	14,900	210.0	30.5	14,700	220.0	33.4	14,000	220.0	35.8	14,600	240.0	32.7	12,400	240.0	36.7	12,800*	250.0	35.9	7,400*	250.0	40.1	6,50
7	- 7	100	210.9	30.0	14,700	227.3	30.0	13,000	230.0	30.5	13,100	246.0	30.0	11,600	250.0	30.5	11,500	260.0	32.0	7,100*	260.0	35.7	6,300
						100			230.9	30.0	13,000	6.1	11		250.9	30,0	11,400	264.7	30.0	6,800*	270.0	30.5	6,000
		2		200	-2			- 12					. 200 -		-					- 4	270.9	30.0	5,900
Ree	-	7	Ree	ACO	2	Ree	VCS	2	Nec	eves	1	Ree	ves	1	Nec	ves	-1	TYC	ves	1	Nec	ves	1
	200)' Boo	m t Jb		_		_	80.1	t Jib	_	_		_	80	ft Jib	_				100	ft Jib	_	
	(Offset A	-	deg.)			- (Offset A	-	deg.)				Offset A	1000	dea.)			(Offset A		deg.)	
	10	7		30	4		10	1		30	1		10			30			10			30	
Load Padius (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 Padius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
53.5	80.0	58,400*				60.0	80.0	46,500*				66.9	80.0	26,600*				73.8	80.0	14,700*			
55.0	79.6	58,000°		- +		65.0	78.9	46,500*				70.0	79.4	26,200*				75.0	79.8	14,600*			
60.0	78.4	56,600*		70		70.0	77.8	44,300*			Chaire.	75.0	78.3	25,700*				80.0	78.8	14,200*			
65.0	77.2	55,400*	65.2	80.0	42,300*	75.0	76.7	43,300*	78.0	TWO V	29,700*	80.0	77,3	25,100*				85.0	77.8	13,900"			
70.0	75.9	54,400*	70.0	78.8	41,700*	80.0	75.5	42,300*	80.0	79.6	29,700*	85.0	76.2	24,500*	04.0	00.0	47.000+	90.0	76.8	13,500*	-		
75.0 80.0	74.7 73.5	53,200 * 51,900*	75.0 80.0	77.6 76.3	41,100* 40,600*	90.0	74.4 73.2	41,400° 40,400°	90,0	2000	29,700* 29,400*	90.0 95.0	75.1 74.1	24,100* 23,700*	91.2 95.0	1,000,000	17,800* 17,600*	95.0 100.0	76.8 74.8	13,200* 12,900*	1040	80.0	9,400
85.0	72.2	50,900*	85.0	76.0	39,900*	96.0	72.0	39,500*	95.0	76.0	29,100*	100.0	73.0	23,200"	100.0	78.0	17,300°	110.0	72.8	12,200°	110.0	78.7	9,300
90.0	70.9	49,900*	90.0	73,8	38,900*	100.0	70.9	38,800°	100.0	74.8	28,700*	110.0	70.8	22,200*	110.0	75.8	16,800*	120.0	70.8	11,700*	120.0	76.6	8,900
95.0	69.7	48,900*	96.0	72.5	37,900*	110.0	68.5	37,200*	110.0	122.0	27,900*	120.0	68,6	21,400*	120.0	73.5	16,200*	130.0	68.7	11,200*	130.0	74.5	8,800
100.0	68.4	47,900	100.0	71.1	36,900*	120.0	66.1	35,900*	120.0	1000	26,700*	130.0	66.3	20,500°	130.0	71.2	15,900*	140.0	66.6	10,700×	140.0	72.3	8,500
110.0		44,900	110.0	68.5	35,400"	130.0	63.6	34,700*	130.0	1000	25,500*	140.0	64.0	19,800*	140.0	8.89	15,500*	150.0		10,300*	150.0	70.1	8,300
120.0		39,600	120.0	65.8	33,900"	140.0	61.1	31,800	140.0	1.77	24,500°	150.0	61.7	19,000*	150.0	66.4	15,000*	160.0	62.2	9,800*	160.0	67.8	8,000
130.0	12000 1000	34,900	130.0	63.0	32,700*	150.0	58.5	28,500	150.0	67.3	23,600*	160.0	69,3	18,400*	160.0	63.9	14,600*	170.0	60,0	9,400*	170.0	65.4	7,900
140.0 1 60.0		30,900 27,400	140.0 150.0	60.1 67.1	31,200 28,300	160,0 170.0	55.8 63.0	25,500 22,800	160.0	100000000000000000000000000000000000000	22,800* 22,000*	170.0 180.0	56.8 64.2	17,800° 17,300°	170.0	61.3 68.6	14,500° 14,200°	180.0	57.7 66.3	9,100* 8,800*	180.0 190.0	63.0 60.6	7,700
160.0	1000	24,400	160.0	2500	25,300	180.0	50.1	20,500	180.0	1 10 25 11	21,400°	190.0	51.6	16,700	190.0	55.8	13,800*	200.0	52.8	8,500*	200.0	58.0	7,300
170.0		21,900	170.0	60.7	22,600	190.0	47.1	18,500	190.0	150000	19,600*	200.0	48.8	16,300*	200.0	52.9	13,700*	210.0	50.3	8,300*	210.0	65.3	7,200
180.0	0.22	19,700	180.0	47.2	20,200	200.0	43.9	16,600	200.0	To accept	17,700	210.0	45.9	15,800*	210.0	49.9	13,600*	220.0	47.6	8,000*	220.0	52.5	7,200
190.0	15% U.S.	17,600	190.0	43.5	18,100	210.0	40.5	14,900	210.0	200.50	16,000	220.0	42.8	14,700*	220.0	46.6	13,400*	230.0	44.8	7,900*	230.0	49.5	7,000
200.0	37.6	15,700	200.0	39.4	16,200	220,0	36.7	13,600	220.0	10000000	14,400	230.0	39.5	13,100	230.0	43.1	13,200*	240.0	41.8	7,700*	240.0	46.3	7,000
210.0	0.00	14,300	210.0	35.0	14,500	230.0	32.7	12,200	230.0	34.9	12,900	240.0	36.0	12,000	240.0	39.2	12,400	250.0	38.7	7,400*	250.0	42.9	7,000
	30.0	13,200	219.4	30.0	13,000	235.8	30.0	11,400	239.5	30.0	11,600	250.0	32,0	10,900	250.0	34.9	11,100	260.0	1200	7,300*	260.0	39.1	6,600
217.1												254.5	30,0	10,300	269.5	30.0	10,100	270.0	31.4	7,100*	270.0	34.8	6,300
W	T											201.0	00,0	10,000	200.0	90,0	391193	25.0	1000	100000000000000000000000000000000000000	F. A		
W = 10 = 10		2	Ree		2		ves	2		eves	1	Ree		1		ves	1	273.6	1000	6,600*	279.5 Ree	30.0	5,

Note: Designed and rated to comply with ANSI Code B30.5

Fixed Jib Lift Capacity (without main hook)

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

		401	t Jib					60 f	t Jib					801	t Jib					100	ft Jib		
		Offset A	ngle (d	deg.)			(Offset Al	ngle (d	deg.)			. (Offset A	ngle (d	deg.)			(Offset A	ngle (d	deg.)	
	10			30			10			30			10			30			10			30	
Load adius (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)	Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Pated Load (lbs)
55.1	80.0	58,400*	1			62.0	80.0	46,500*	1			68.9	80.0	26,600*	1			75.5	80.0	14,700*			
60.0 65.0	78.9 77.7	57,000 * 55,900*	67.2	80.0	42,300+	65.0 70.0	79.3 78.3	45,700* 44,700*	14			70.0 75.0	79.8 78.7	26,500* 25,900*				80.0 85.0	79.2 78.2	14,400° 14,100°			
70.0	76.5	54,800"	70.0	79.3	41,900*	76.0	77.2	43,700*			9.3	80.0	77.7	25,400"				90.0	77.3	13,700"			
75.0	75.3	53,800*	75.0	78,1	41,300*	80.0	76.1	42,700*	80.0	80.0	29,700*	85.0	76.7	24,900*				95.0	76.3	13,400*			
80.0	74.1	52,800°	80.0	76.9	40,800*	85,0	75.0	41,900*	85.0	78.9	29,700*	90.0	76.7	24,400*	92.8	0.08	17,800*	100.0	75.3	13,100*	105.6	80.0	9,40
85.0	72.9	51,800"	85.0	75.7	40,300*	90.0	73.9	40,900*	90.0	77.7	29,600*	95,0	74.6	23,900*	95.0	79.5	17,600"	110.0	73.4	12,400"	110.0	79.1	9,300
90.0 95.0	71.7	51,000 ° 50,000	95.0	74.4	39,300° 38,400°	95.0 100.0	72.7 71.6	40,100* 39,400*	95,0 100,0	76.6 75.4	29,300* 28,900*	100.0	73.6 71.5	23,400* 22,500*	100,0 110,0	78.5 76.3	17,300* 16,800*	120.0 130.0	71.4 69.4	11,800° 11,300°	120.0 130.0	77.1 75.0	8,800
100.0	69.3	49,000	100.0	72.0	37,600*	110.0	69.3	37,900*	110.0	73.1	28,300	120.0	69.4	21,600*	120.0	74.1	16,400*	140.0	67.4	10,900*	140.0	72.9	8,500
110.0	66.8	44,600	110.0	69.4	35,900*	120.0	67.0	36,500*	120.0	70.7	27,000*	130.0	67.2	20,800*	130.0	71.9	15,900*	150.0	65.3	10,400*	150.0	70.8	8,400
120.0	64.3	38,900	120.0	66.8	34,600*	130.0	64.7	34,800*	130.0	68.3	25,900*	140.0	65.0	20,100*	140.0	69.6	15,500*	160.0	63.2	10,000*	160.0	68.6	8,100
130.0	61.7	34,200	130.0	64.2	33,200	140.0	62.3	31,200	140.0	65.8	24,900*	150.0	62.8	19,400*	150.0	67.3	15,200*	170.0	61.1	9,700*	170.0	66.4	7,900
140.0	59.0	30,200 26,700	140.0 150.0	61.6 58.6	31,300 27,600	150.0 160.0	69.8 57.3	27,800	160,0 160,0	63.3 60.7	24,000*	160.0 170.0	60.6 58.1	18,700* 18,100*	160.0 170.0	64.9 62.5	14,900*	180.0 190.0	58.9 56.6	9,000°	180,0 190.0	61.7	7,800
150.0 160.0	56.3 63.4	23,700	160.0	56.7	24,600	170.0	54.6	24,800 22,100	170.0	68.0	23,100° 22,500°	180.0	66.7	17,500	180.0	60.0	14,500* 14,300*	200.0	54.3	8,700*	200.0	69.3	7,400
170.0	50.5	21,300	170.0	52.7	21,900	180.0	51.9	19,900	180.0	55.2	21,300*	190,0	53.2	16,900"	190.0	57,4	14,100*	210.0	51.9	8,500*	210.0	56.8	7,400
180.0	47.4	18,900	180.0	49.5	19,600	190.0	49.1	17,900	190,0	52.2	19,200*	200.0	50.6	16,600*	200.0	54,6	13,800*	220.0	49.4	8,200*	220.0	54.1	7,200
190.0	44.1	17,000	190.0	46.1	17,400	200.0	46.1	16,000	200,0	49.1	17,200	210,0	47.9	15,400*	210,0	51.8	13,600*	230.0	46.7	7,900*	230.0	51.4	7,200
200.0	40.6 36.8	15,100 13,400	200.0	42.6 38.5	15,500 13,800	210.0 220.0	43.0 39.6	14,300 12,900	210.0 220.0	45.8 42.3	15,400 13,700	230.0	45.0 42.0	14,000 12,500	220.0	48.8 45.6	13,400* 13,400	240.0 250.0	44.0	7,800* 7,600*	240.0 250.0	48.5 45.4	7,000
220.0	32.6	12,100	220.0	34.1	12,300	230.0	36.0	11,600	230.0	38.4	12,200	240.0	38.8	11,300	240.0	42.1	12,000	260.0	38.0	7,400*	260.0	42.0	6,900
225.7	30.0	11,200	228.3	30.0	11,200	240.0	32.0	10,400	240.0	34.1	10,900	250.0	35.3	10,200	250.0	38.3	10,700	270.0	34.6	7,400*	270.0	38.3	6,500
		-			1.74	244.7	30.0	9,900	248,3	30.0	9,900	260.0	31.4	9,000	260.0	34.0	9,600	280.0	30,9	7,100*	280.0	34.0	6,30
Doo	100	2	Doo	. mc	2	Doo	une	100	Doo	100		263.4	30.0	8,800	268,3	30.0	8,500	282.1	30.0	7,000*	288.0	30.0	6,10
Ree		2	Ree	ves	2	Ree	ves	2	Ree	ves	1	2000	30.0	3/4/	268,3 Ree	-	A CONTRACTOR	100	30.0 Ves	7,000* 1	288.0 Ree		6,100
Ree)' Boo		ves	2	Ree	ves	2	Ree	ves		263.4	30.0	8,800 1		-	8,500	100		1			6,100
Ree	220)' Boo	m fl Jib		2	Ree		2	t Jib			263.4	30.0 ves	8,800 1	Ree t Jib	ves	8,500	100	ves	1	Ree	ves	6,100
	220	Offset A	m ft Jib ngle (d	deg.) 30			10	2 60 t Offset Al	t Jib ngle (d	deg.) 30	1	263.4 Ree	30.0 ves	8,800 1 801 Offset A	Ree	ves deg.)	8,500 1	Ree	ves (1 100 Offset Ai	Ree	ves deg.)	6,100
Load	220	Offset A	m fl Jib	deg.) 30 Boom	Rated Load (lbs)	Ree Load Padius (ft)	(2 601	t Jib	deg.)		263.4	30.0 ves	8,800 1 80 i	Ree t Jib	ves	8,500	100	ves	100	Ree	ves deg.)	6,100
Load Padius (ft)	22(10 Boom Angle (deg.) 80.0	Offset A. Pated Load (lbs) 58,200	ft Jib ngle (d Load Padius	deg.) 30 Boom Angle	Rated Load	Load Padius (ft)	10 Boom Angle (deg.) 80.0	2 60 t Offset Al Pated Load (lbs) 46,500*	t Jib ngle (d Load Radius	deg.) 30 Boom Angle	1 Pated Load	Load Radius (ft) 70.5	30.0 ves 10 Boom Angle (deg.) 80.0	8,800 1 80 t Offset A Rated Load (lbs) 26,600*	Ree	deg.) 30 Boom Angle	8,500 1	Load Radius (ft)	10 Boom Angle (deg.) 80.0	100 Offset All Pated Load (lbs)	Ree	deg.) 30 Boom Angle	6,100 1
Load Padius (ft) 56.8	22(10 Boom Angle (deg.) 80.0 79.3	### AD 10 AD 11 AD 12 AD	ft Jib ngle (d Load Radius (ft)	deg.) 30 Boom Angle (deg.)	Rated Load (lbs)	Load Padius (ft) 63.6 65.0	10 Boom Angle (deg.) 80.0 79.7	2 601 Offset Al Pated Load (lbs) 46,500* 46,200*	t Jib ngle (d Load Radius	deg.) 30 Boom Angle	1 Pated Load	Load Padius (ft) 70.5 76.0	30.0 ves (0 10 Boom Angle (deg.) 80.0 79.1	8,800 1 801 Offset A Pated Load (lbs) 26,600* 26,100*	Ree	deg.) 30 Boom Angle	8,500 1	Load Redius (ft) 77.4	location (deg.) 80.0 79.6	100 Offset Ar Pated Load (lbs) 14,700** 14,400*	Ree	deg.) 30 Boom Angle	6,100 1 Patec Load
Load Padius (ft) 56.8 60.0 65.0	22(10 Boom Angle (deg.) 80.0 79.3 78.2	### April 10 April 1	ft Jib ngle (d Loed Radius (ft)	deg.) 30 Boom Angle (deg.)	Rated Load (ibs)	Load Padius (ft) 63.6 65.0 70.0	10 Boom Angle (deg.) 80.0 79.7 78.7	2 601 Offset Al Rated Load (lbs) 46,500* 46,200* 45,100*	t Jib ngle (d Load Radius	deg.) 30 Boom Angle	1 Pated Load	Load Radius (ft) 70.5	30.0 ves (0 10 Boom Angle (deg.) 80.0 79.1 78.1	8,800 1 20ffset A Rated Load (lbs) 26,600* 26,100* 25,600*	Ree	deg.) 30 Boom Angle	8,500 1	Load Radius (ft)	10 Boom Angle (deg.) 80.0 79.6 78.6	100 Diffset Air Pated Load (lbs) 14,700* 14,400* 14,100*	Ree	deg.) 30 Boom Angle	6,100 1 Patec Load
Load Padius (ft) 56.8 60.0	22(10 Boom Angle (deg.) 80.0 79.3	### April 19 April 1	Load Radius (ft) 68.8 70.0 75.0	30 Boom Angle (deg.) 80.0 79.7 78.6	Fated Load (lbs) 42,100° 42,000° 41,600°	Load Padius (ft) 63.6 65.0	80.0 79.7 78.7 77.6 76.6	2 60 f Offset Al Pated Load (lbs) 46,500° 46,200° 45,100° 44,100° 43,200°	t Jib ngle (d Load Padius (ft)	deg.) 30 Boom Angle (deg.)	Rated Load (ibs)	263.4 Rece Load Radius (ft) 70.5 76.0 80.0	30.0 ves 10 Boom Angle (deg.) 80.0 79.1 78.1 77.2 76.2	8,800 1 801 Offset A Pated Load (lbs) 26,600* 26,100*	Ft Jib ngle (d Load Redius (ft)	deg.) 30 Boom Angle (deg.)	8,500 1 Rated Load (lbs)	Load Radius (ft) 77.4 80.0 85.0 90.0 95.0	location (deg.) 80.0 79.6	100 Diffset Ai Pated Load (lbs) 14,700* 14,100* 13,700* 13,400*	Ree ft Jib ngle (co	deg.) 30 Boom Angle (deg.)	6,100 1 Fatec Load (lbs)
Load adjus (ft) 56.8 60.0 65.0 70.0 75.0 80.0	22(10 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.8	Pated Load (lbs) 58,200* 56,300* 54,300* 53,300*	El Jib ngle (de Radius (ft)) 68.8 70.0 75.0 80.0	30 Boom Angle (deg.) 80.0 79.7 78,6 77.4	Rated Load (lbs) 42,100* 42,000* 41,600* 41,000*	Load Padius (ft) 63.6 65.0 70.0 76.0 80.0 85.0	80.0 79.7 78.7 77.6 76.6 75.5	2 601 Offset Al Rated Load (lbs) 46,500* 46,200* 44,100* 43,200* 42,300*	Load Padius (ft)	30 Boom Angle (deg.) 80.0 79.3	Rated Load (ibs) 29,700* 29,700*	Load Fadius (ft) 70.5 76.0 85.0 90.0 95.0	30.0 ves 10 Boom Angle (deg.) 80.0 79.1 78.1 77.2 76.2 75.2	8,800 1 80 / 1 Pated Load (lbs) 26,600* 26,100* 24,900* 24,500* 24,100*	t Jib ngle (d Load Fadius (ft)	John Manual Manu	8,500 1 Rated Load (lbs) 17,800* 17,800*	Load Radius (ft) 77.4 80.0 95.0 95.0 100.0	10 Boom Angle (deg.) 80.0 79.6 78.6 77.7 76.7 75.8	100 Diffset AI Pated Load (lbs) 14,700" 14,400" 13,700" 13,400" 13,100"	Ree ft Jib ngle (d) Load Fadius (ft)	deg.) 30 Boom Angle (deg.)	6,100 1 Pates Load (lbs)
Load adjus (t) 56.8 60.0 65.0 75.0 80.0 85.0	22(10 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.8 73.6	Pated Load (lbs) 58,200* 56,300* 54,300* 53,300* 52,500*	Ft Jib ngle (d Load Radius (tt) 68.8 70.0 85.0 85.0	80.0 79.7 78.6 77.4 76.3	Pated Load (lbs) 42,100* 42,000* 41,600* 41,000* 40,500*	Load Padius (ft) 63.6 65.0 70.0 75.0 80.0 85.0 90.0	80.0 79.7 78.7 77.6 76.6 74.4	2 601 Offset Al Pated Load (lbs) 46,500° 46,200° 45,100° 44,100° 43,200° 42,300° 41,300°	Load Padius (ft) 81.6 85.0 90.0	30 Boom Angle (deg.) 80.0 79.3 78.2	Rated Load (ibs) 29,700* 29,700* 29,700*	263.4 Ree Load Fadius (ft) 70.5 76.0 80.0 90.0 95.0 100.0	30.0 yes 10 80.0 79.1 77.2 76.2 74.2	8,800 1 Dffset A Dffset A (lbs) 26,600 26,100 25,600 24,500 24,100 23,600	Hat Jib ngle (de Load Fadius (ft) 94.4 95.0 100.0	deg.) 30 Boom Angle (deg.) 80.0 79.9 78.9	8,500 1 Rated Load (lbs) 17,800* 17,800* 17,500*	Load Redius (ft) 77.4 80.0 85.0 90.0 100.0	10 Boom Angle (deg.) 80.0 79.6 78.6 77.7 76.7 76.8 73.9	700 Diffset AI Pated Load (lbs) 14,700" 14,400" 13,700" 13,400" 13,400" 12,600"	ft Jib ngle (d Load Fadius (ft)	deg.) 30 Boom Angle (deg.) 80.0 79.5	9,200 9,200
Load adjus (ft) 56.8 60.0 65.0 70.0 80.0 85.0 90.0	22(10 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.8 73.6 72.5	Pated Load (lbs) 58,200* 56,300* 54,300* 53,300* 51,300* 51,300*	Ft Jib ngle (de Padius (ft) 68.8 70.0 75.0 80.0 90.0	80.0 79.7 78.6 77.4 76.3 75.1	Fated Load (lbs) 42,100° 42,000° 41,600° 41,000° 40,500° 39,700°	Load Padius (ft) 63.6 65.0 70.0 75.0 80.0 85.0 90.0 95.0	80.0 79.7 77.6 76.6 74.4 73.4	2 60 f Offset AI Pated Load (lbs) 46,500* 46,200* 44,100* 43,200* 42,300* 41,300* 40,500*	Load Padius (ft) 81.6 85.0 90.0 95.0	30 Boom Angle (deg.) 80.0 79.3 78.2 77.1	Pated Load (lbs) 29,700* 29,700* 29,700* 29,700*	263.4 Ree Load Fadius (ft) 70.5 76.0 80.0 90.0 90.0 100.0 110.0	30.0 yes 30.	8,800 1 BOTSet A Pated Load (lbs) 26,600° 26,100° 24,900° 24,900° 24,100° 23,600° 22,800°	Ft Jib ngle (d Redius (ft) 94.4 95.0 100.0 110.0	deg.) 30 Boom Angle (deg.) 80.0 79.9 78.9 76.8	8,500 1 Fated Load (lbs) 17,800* 17,800* 17,500* 17,000*	Load Radius (ft) 77.4 80.0 85.0 90.0 95.0 100.0 110.0 120.0	80.0 79.5 76.7 76.7 75.8 73.9 72.0	700 Diffset AI Pated Load (lbs) 14,700" 14,400" 13,700" 13,400" 12,600" 12,600"	ft Jb ngle (d Load Radius (ft) 107.2 110.0 120.0	deg.) 30 Boom Angle (deg.) 80.0 79.5 77.5	9,200 9,200 9,100
Load adjus (ft) 56.8 60.0 65.0 75.0 80.0 95.0 95.0	22(10 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.8 73.6	Pated Load (lbs) 58,200* 56,300* 54,300* 53,300* 52,500*	Ft Jib ngle (d Load Radius (tt) 68.8 70.0 85.0 85.0	80.0 79.7 78.6 77.4 76.3	Pated Load (lbs) 42,100* 42,000* 41,600* 41,000* 40,500*	Load Padius (ft) 63.6 65.0 70.0 75.0 80.0 85.0 90.0	80.0 79.7 78.7 77.6 76.6 74.4	2 601 Offset Al Pated Load (lbs) 46,500° 46,200° 45,100° 44,100° 43,200° 42,300° 41,300°	Load Padius (ft) 81.6 85.0 90.0	30 Boom Angle (deg.) 80.0 79.3 78.2	Rated Load (ibs) 29,700* 29,700* 29,700*	263.4 Ree Load Fadius (ft) 70.5 76.0 80.0 90.0 95.0 100.0	30.0 yes 10 80.0 79.1 77.2 76.2 74.2	8,800 1 Dffset A Dffset A (lbs) 26,600 26,100 25,600 24,500 24,100 23,600	Hat Jib ngle (de Load Fadius (ft) 94.4 95.0 100.0	deg.) 30 Boom Angle (deg.) 80.0 79.9 78.9	8,500 1 Rated Load (lbs) 17,800* 17,800* 17,500*	Load Redius (ft) 77.4 80.0 85.0 90.0 100.0	10 Boom Angle (deg.) 80.0 79.6 78.6 77.7 76.7 76.8 73.9	700 Diffset AI Pated Load (lbs) 14,700" 14,400" 13,700" 13,400" 13,400" 12,600"	ft Jib ngle (d Load Fadius (ft)	deg.) 30 Boom Angle (deg.) 80.0 79.5	9,200 9,200 8,800
Load adjus (ft) 56.8 60.0 65.0 70.0 80.0 95.0 100.0	(deg.) 80.0 79.3 78.2 77.0 75.9 74.8 73.6 72.5 71.3 70.1 67.7	7 Eoc 40 1 7 Fated Load (lbs) 58,200 67,500 56,300 56,300 54,300 53,300 52,500 51,300 51,300 48,800 43,900	Load Radius (ft) 68.8 70.0 75.0 80.0 95.0 100.0 110.0	300 Boom Angle (deg.) 80.0 79.7 78.6 77.4 76.3 76.1 73.9 72.7 70.3	Fated Load (lbs) 42,100* 42,000* 41,000* 41,000* 40,500* 39,700* 38,900* 38,000* 36,400*	Load Radius (ft) 63.6 65.0 70.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0	((100 Boom Angle (deg.) 80.0 79.7 77.6 76.6 75.5 74.4 72.3 70.1 67.9	2 60 f Offset Al Fated Load (lbs) 46,500* 46,500* 44,100* 43,200* 42,300* 41,300* 40,500* 38,300* 37,000*	Load Padius (ft) 81.6 85.0 90.0 95.0 100.0 110.0 120.0	80.0 79.3 80.0 79.3 78.2 77.1 76.0 73.8 71.5	Fated Load (lbs) 29,700* 29,700* 29,700* 29,500* 29,500* 29,500* 27,300*	263.4 Received Fadius (ft) 70.5 76.0 80.0 95.0 110.0 120.0 130.0 140.0	30.0 ((10 Boom Angle (deg.) 80.0 79.1 76.2 76.2 74.2 70.1 68.0 65.9	8,800 1 800 1 Pated Load (lbs) 26,600 26,100 24,500 24,500 24,900 22,800 21,900 21,900 21,000 20,300	Page (ft Jib ngle (d Fedius (ft)) 94.4 95.0 100.0 110.0 120.0 140.0	80.0 79.9 76.8 74.7 72.6 70.4	8,500 1 Rated Load (lbs) 17,800* 17,900* 17,000* 16,400* 16,100* 15,700*	Load Radius (ft) 77.4 80.0 90.0 90.0 110.0 120.0 140.0 150.0	70.0 Boom Angle (deg.) 80.0 79.5 78.6 77.7 76.8 73.9 72.0 70.1 68.1 66.2	100 Diffset Ai Load (lbs) 14,700° 14,100° 13,700° 13,400° 12,600° 11,500° 11,500° 11,600°	Fee ft Jib ngle (d Fedius (ft) 107.2 110.0 120.0 130.0 150.0	80.0 79.5 77.6 73.5 71.5	9,200 9,200 9,200 8,800 8,400
Load addius (ft) 56.8 60.0 65.0 75.0 80.0 95.0 100.0 110.0 120.0	(deg.) 80.0 79.3 78.2 77.0 75.9 74.8 73.6 72.5 71.3 70.1 67.7 66.3	7 Eoo 40:0 7 Fated Load (lbs) 58,200 67,500 56,300 56,300 54,300 52,500 51,300 50,100 48,800 43,900 38,200	68.8 70.0 75.0 80.0 95.0 100.0 120.0	300 Boom Angle (deg.) 80.0 79.7 78.6 77.4 76.3 76.1 73.9 72.7 70.3 67.8	Fated Load (lbs) 42,100* 42,000* 41,600* 41,000* 40,500* 38,900* 38,900* 36,400* 35,000*	Load Padius (ft) 63.6 65.0 70.0 80.0 85.0 90.0 110.0 120.0 130.0	((100 Boom Angle (deg.) 80.0 79.7 77.6 76.6 75.5 74.4 72.3 70.1 67.9 65.6	2 60 f Offset Al Coad (lbs) 46,500* 46,200* 44,100* 43,200* 42,300* 40,500* 38,300* 37,000* 34,500*	Radius (ft) 81.6 85.0 90.0 95.0 110.0 120.0 130.0	80.0 79.3 77.1 76.0 73.8 71.5 69.2	78ated Load ((bs) 29,700* 29,700* 29,500* 29,500* 29,500* 27,300* 26,300*	263.4 Received Fadius (ft) 70.5 76.0 80.0 95.0 110.0 130.0 140.0 150.0	30.0 30.0 (C) 10 80.0 80.0 79.1 78.1 77.2 76.2 74.2 74.2 72.1 68.0 65.9 63.8	8,800 1 800 1 Street A Load (lbs) 26,600° 26,100° 24,900° 24,900° 24,900° 21,900° 21,900° 21,000° 20,300° 19,600°	Page (1 Jib Ingle (1 Load Radius (11) 100.0 110.	80.0 79.9 76.8 74.7 72.6 70.4 68.2	8,500 1 Rated Load (lbs) 17,800* 17,800* 17,000* 16,400* 16,400*	Load Redius (tt) 77.4 80.0 85.0 90.0 110.0 1120.0 150.0 150.0 160.0	70.0 Boom Angle (deg.) 80.0 79.5 78.6 77.7 76.7 83.9 72.0 70.1 68.1 66.2 64.1	100 Diffset Al Load (lbs) 14,700° 14,100° 13,700° 13,400° 12,600° 11,500° 11,500° 10,600° 10,200°	Nee Ree Ree Ree Ree Ree Ree Ree Ree Ree	80.0 79.5 77.6 73.5 69.4	9,200 9,200 9,200 8,800 8,400 8,100
0.08d addius (ft) 56.8 60.0 65.0 75.0 85.0 90.0 95.0 10.0 120.0 330.0	220 (10 Boom Angle (deg.) 80.0 79.3 78.2 77.9 74.8 72.6 71.3 70.1 67.7 66.3 62.9	7 Eoo 40 10 Offset A Load (lbs) 58,200 57,500 56,300 52,500 50,100 48,800 48,900 38,200 33,600	Load Reduce (t) 68.8 70.0 75.0 80.0 95.0 100.0 120.0 130.0	80.0 79.7 78.6 77.4 76.1 73.9 72.7 70.3 67.8 65.3	42,100° 42,000° 41,600° 41,600° 41,500° 39,700° 38,900° 36,400° 35,000° 33,600°	Load Padius (ft) 63.6 66.0 70.0 80.0 85.0 90.0 110.0 1130.0 1130.0 140.0	79.7 78.7 76.6 75.4 73.4 72.3 70.1 67.9 65.6 63.3	2 60 f Offset Al Pated Load (lbs) 46,500* 46,200* 43,200* 42,300* 40,500* 39,800* 39,800* 33,300* 34,500* 30,700*	81.6 85.0 90.0 110.0 120.0 130.0 140.0	80.0 79.3 77.1 76.0 73.8 71.5 69.2 66.8	29,700° 29,700° 29,700° 29,700° 29,500° 29,500° 28,400° 27,300° 26,300° 25,300°	263.4 Received Facilities (ft) 70.5 76.0 80.0 96.0 110	30.0 30.0 Ves 30.0 September 30.0 September 30.0 September 30.0 79.1 78.1 77.2 76.2 74.2 74.2 72.2 68.0 65.9 63.8 61.6	8,800 1 80 0 57 0 58 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Page (1 Load Radius (ft) 94.4 95.0 110.0 120.0 140.0 150.0 160.0	300 80.00 79.9 76.8 74.7 70.4 68.2 65.9	8,500 1 17,800* 17,800* 17,500* 17,500* 16,400* 16,100* 15,700* 15,700*	Load Padius (ft) 77.4 80.0 95.0 100.0 110.0 120.0 150.0 170.	100 Boom Angle (deg.) 80.0 79.5 78.6 77.7 76.8 73.9 72.0 168.1 66.2 64.1 62.1	100 Diffset Al Rated Load (lbs) 14,700° 14,400° 13,700° 13,400° 12,600° 12,600° 11,500° 11,500° 10,600° 10,200° 9,700°	Nee Ree Ree Ree Ree Ree Ree Ree Ree Ree	80.0 79.5 77.6 73.6 71.5 89.4 67.3	9,20 9,20 9,20 9,10 8,80 8,40 8,10 7,90
56.8 60.0 65.0 70.0 75.0 80.0 85.0 95.0 100.0 110.0 120.0 140.0	(deg.) 80.0 79.3 78.2 77.0 75.9 74.8 73.6 72.5 71.3 70.1 67.7 66.3	7 Rated Load (lbs) 58,200° 57,500° 54,300° 53,300° 52,500° 51,300° 52,500° 54,300° 38,200° 38,200° 38,200° 29,600° 26,100° 500° 50,000	68.8 70.0 75.0 80.0 95.0 100.0 120.0	300 Boom Angle (deg.) 80.0 79.7 78.6 77.4 76.3 76.1 73.9 72.7 70.3 67.8	42,100° 42,000° 41,600° 41,600° 40,500° 38,700° 38,000° 36,000° 36,000° 36,000° 27,200	Load Radius (ft) 63.6 65.0 70.0 75.0 80.0 95.0 100.0 110.0 1	((100 Boom Angle (deg.) 80.0 79.7 77.6 76.6 75.5 74.4 72.3 70.1 67.9 65.6	2 Fated Load (lbs) 46,500* 46,200* 44,100* 43,200* 40,500* 39,800* 37,000* 30,700 27,200 24,200	Radius (ft) 81.6 85.0 90.0 95.0 110.0 120.0 130.0	80.0 79.3 77.1 76.0 73.8 71.5 69.2	29,700° 29,700° 29,700° 29,700° 29,100° 29,100° 27,300° 26,300° 26,300° 24,300° 23,600°	263.4 Received Fadius (ft) 70.5 76.0 80.0 95.0 110.0 130.0 140.0 150.0	30.0 30.0 (C) 10 80.0 80.0 79.1 78.1 77.2 76.2 74.2 74.2 72.1 68.0 65.9 63.8	8,800 1 801 Diffset A Load (lbs) 26,600° 24,500° 24,500° 24,500° 24,500° 22,800° 21,900° 21,900° 20,300° 19,600° 19,000° 18,300° 17,800°	Page (1 Jib Ingle (1 Load Radius (11) 100.0 110.	80.0 79.9 76.8 74.7 72.6 70.4 68.2	8,500 1 Fated Load (lbs) 17,800* 17,800* 17,500* 16,400* 15,700* 15,100* 14,700* 14,400*	Load Redius (tt) 77.4 80.0 85.0 90.0 110.0 1120.0 1150.0 160.0	70.0 Boom Angle (deg.) 80.0 79.5 78.6 77.7 76.7 83.9 72.0 70.1 68.1 66.2 64.1	100 Diffset Al Load (lbs) 14,700° 14,100° 13,700° 13,400° 12,600° 11,500° 11,500° 10,600° 10,200°	Nee Ree Ree Ree Ree Ree Ree Ree Ree Ree	80.0 79.5 77.6 73.5 69.4	9,200 9,200 9,200 9,800 8,600 8,400 7,900 7,800
56.8 60.0 65.0 75.0 80.0 90.0 100.0 110.0 120.0 140.0 150.0 160.0	220 (0 100 Boom Angle (deg.) 80.0 80.0 79.3 78.2 77.0 75.9 74.8 73.6 72.5 71.3 70.1 66.3 66.3 66.3 57.7 55.1	Pated Load (lbs) 58,200° 57,500° 54,300° 54,300° 54,300° 54,300° 54,300° 52,500° 67,500° 54,300° 52,500° 50,100° 48,900° 38,200° 38,200° 38,200° 29,600° 20,100° 23,200°	Fit Jib ngle (C Load Radius (ft) Load 88.8 70.0 75.0 95.0 100.0 1120.0 120.0 150.0 160.0 160.0	80.0 79.7 78.6 77.4 76.3 76.1 73.9 72.7 60.1 57.3	Fated Load (lbs) 42,100° 42,000° 41,000° 41,000° 39,700° 38,900° 36,400° 35,000° 33,600° 27,200 24,100	Load Redius (ft) 63.6 65.0 70.0 75.0 80.0 95.0 110.0 120.0 130.0 140.0 160.0 170.0	70.0 Boom Angle (deg.) 879.7 78.7 77.6 76.6 78.6 74.4 72.3 70.1 66.6 66.6 66.1 66.1	2 60 f Offset Ai Pated Load (lbs) 46,500° 46,200° 43,100° 43,200° 42,300° 41,300° 40,500° 39,800° 38,300° 37,000° 30,700° 27,200 24,200 21,500	81.6 85.0 90.0 90.0 110.0 130.0 140.0 170.0	80.0 79.3 76.0 80.0 79.3 78.2 77.1 76.0 66.8 64.4 61.9 59.4	29,700* 29,700* 29,700* 29,700* 29,700* 29,700* 29,500* 29,300* 27,300* 26,300* 24,300* 23,600* 22,900*	263.4 Received for the second for th	30.0 ((10 m) specific stress of the stress o	8,800 1 801 26,600 26,600 26,100 24,900 24,900 24,900 21,900 21,900 21,900 19,000 19,000 17,800 17,400	94.4 95.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	80.0 79.9 76.8 74.7 72.6 65.9 661.2 58.7	8,500 1 Fated Load (lbs) 17,800* 17,800* 17,500* 16,400* 15,700* 15,100* 14,700* 14,400* 14,400* 14,400*	Load Fadius (ft) 77.4 80.0 85.0 90.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0	(6 (10 (deg.) 10 (d	100 Diffset Air Load (lbs) 14,700" 14,400" 13,700" 13,400" 13,000" 12,000" 11,500" 11,500" 11,500" 10,200" 9,700" 9,400" 9,200" 8,900"	Ree ft Jb ggle (co load Redius (ft) 107.2 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0	80.0 79.5 77.5 69.4 665.1 62.8 60.5	9,200 9,200 9,200 9,200 8,800 8,400 8,100 7,900 7,700
10.00 (ft) 56.8 (60.0 65.0 75.0 80.0 90.0 90.0 110.0	220 (10 80.00 79.3 78.2 77.0 75.9 74.8 73.6 67.7 66.3 62.9 75.9 65.3 62.9 75.9 7	78ted Load (lbs) 58,200* 57,500* 56,300* 56,300* 55,300* 50,100 48,800 43,900 38,200 33,600 29,600 20,600	Fit Jib ngle (Control of the state of the st	80.0 79.7 78.6 76.1 73.9 72.7 70.3 67.8 65.3 67.8 65.3 65.3 65.3 65.3 65.3 65.3	Fated Load (ibs) 42,100° 42,000° 41,600° 41,000° 40,500° 38,900° 38,000° 36,400° 33,6000° 33,6000° 27,200 24,100 21,300	Load Radius (ft) 63.6 65.0 70.0 75.0 80.0 95.0 100.0 110.0 120.0 150.0 170.0 170.0 180.0 170.0 180.0 180.0	70.0 Boom Room Room Room Room Room Room Room	2 60 f Offset Ai Pated Load (lbs) 46,500* 46,500* 44,100* 43,200* 42,300* 40,500* 39,800* 39,800* 37,000* 34,600* 30,700 27,200 24,200 24,200 19,200	81.6 85.0 99.0 110.0 120.0 140.0 170.0 180.0	80.0 79.3 77.1 76.0 73.8 71.5 69.2 66.4 61.9 69.4 56.7	29,700* 29,700* 29,700* 29,700* 29,700* 29,100* 28,400* 27,300* 26,300* 25,300* 23,600* 22,900*	263.4 Received for the control of th	30.0 ((10 m) 10 m)	8,800 1 800 1 Fated Load (lbs) 26,600° 26,100° 24,500° 24,500° 21,900° 21,900° 21,900° 21,900° 19,000° 19,000° 19,000° 17,400° 16,500°	94.4 95.0 110.0 120.0 120.0 140.0 150.0 190.0 190.0 200.0	80.0 79.9 76.8 74.7 72.6 70.4 68.2 65.9 63.5 61.2 68.7 56.2	8,500 1 Rated Load (lbs) 17,800* 17,800* 17,500* 16,400* 15,700* 15,100* 14,700* 14,400* 14,000*	Load Radius (ft) 77.4 80.0 85.0 90.0 95.0 100.0 120.0 130.0 140.0 150.0 170.0 200.0 210.0	70 Boom (deg.) 80.0 79.5 78.6 77.7 76.7 76.8 75.9 70.1 68.1 62.2 64.1 62.1 65.8 53.3	100 Diffset Aid Load (lbs) 14,700° 14,400° 14,100° 13,400° 12,000° 11,500° 11,500° 10,600° 10,200° 9,700° 9,400° 8,900° 8,900° 8,500°	107.2 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0 210.0	80.0 79.5 77.6 73.6 71.5 69.4 67.3 66.1 62.8 60.5 58.1	9,200 9,200 9,200 9,100 8,800 8,400 8,7,900 7,900 7,400 7,400
1000 1000	220 6 10 80.00 79.3 78.2 77.0 75.9 74.8 73.6 72.5 71.3 70.1 67.7 65.3 62.9 60.3 62.9 63.3 62.9 63.3 64.9 65.3 64.9 65.3 64.9 65.3 65.9 65.3 65.9 65.3 65.9 65.3 65.9	## April 12	68.8 70.0 75.0 80.0 95.0 110.0 120.0 170.0 170.0 180.0 180.0 180.0 170.0 170.0 180.0 170.0 180.0	80.0 79.7 78.6 77.4 76.3 76.1 73.9 72.7 70.3 67.8 65.3 65.3 65.3 54.5 51.5	Fated Load (ibs) 42,100° 42,000° 41,000° 41,000° 40,500° 38,900° 36,400° 36,600° 33,600 27,200 27,200 21,300 19,000	Load Radius (ft) 63.6 65.0 70.0 75.0 80.0 95.0 100.0 120.0 120.0 150.0 170.0 150.0 170.0 180.0 190.0 190.0	70.0 Boom 80.0 79.7 77.6 76.6 75.6 74.4 72.3 70.1 67.9 65.6 63.0 58.6 65.0 58.6 50.9	2 60 f Offset Ai Fated Load (fbs) 46,500* 46,500* 44,100* 43,200* 42,300* 44,300* 44,500* 39,800* 37,000* 34,600* 37,000 27,200 24,200 21,500 19,200 17,200	81.6 85.0 99.0 110.0 120.0 140.0 170.0 180.0 190.0	80.0 79.3 77.1 76.0 73.8 71.5 66.8 64.4 66.9 65.4 56.7 54.0	29,700* 29,700* 29,700* 29,700* 29,700* 29,700* 29,100* 28,400* 27,300* 26,300* 25,300* 22,900* 23,600* 20,900* 18,500	263.4 Received from the control of t	30.0 (C 10 Boom 10 Rom	8,800 1 800 1 Fated Load (lbs) 26,600° 26,100° 24,900° 24,100° 23,600° 21,900° 21,900° 21,900° 11,900° 19,000° 18,300° 17,400° 16,500° 14,900	94.4 95.0 110.0 110.0 120.0 130.0 140.0 150.0 190.0 200.0 210.0	80.0 79.9 76.8 74.7 72.6 70.4 68.2 65.9 61.2 65.9 61.2 65.3 66.2 65.3 65.3	8,500 1 Taled Load (lbs) 17,800* 17,800* 17,500* 16,400* 15,700* 16,400* 14,700* 14,400* 14,400* 14,000* 13,600*	Load Radius (ft) 77.4 80.0 85.0 95.0 100.0 130.0 150.0 170.0 200.0 210.0 220.0	70 Boom (deg.) 80.0 79.5 78.6 77.7 76.7 75.8 75.8 64.1 62.1 60.0 65.8 65.3 60.9	100 100 Diffset Ai Load (lbs) 14,700° 14,100° 13,700° 13,400° 13,000° 12,000° 10,600° 10,600° 10,600° 10,200° 9,400° 9,200° 8,900° 8,900° 8,900° 8,900° 8,900° 8,900° 8,900° 8,900° 8,900° 8,900°	107.2 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0 210.0 220.0	80.0 79.5 77.6 73.6 73.6 65.1 662.8 60.5 58.1 556.6	9,200 9,200 9,200 9,200 9,200 8,600 8,400 8,7,900 7,7,700 7,7,400 7,200
56.8 60.0 75.0 80.0 90.0 95.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0	220 (10 80.00 79.3 78.2 77.0 75.9 74.8 73.6 67.7 66.3 62.9 75.9 65.3 62.9 75.9 7	78ted Load (lbs) 58,200* 57,500* 56,300* 56,300* 55,300* 50,100 48,800 43,900 38,200 33,600 29,600 20,600	Fit Jib ngle (Control of the state of the st	80.0 79.7 78.6 76.1 73.9 72.7 70.3 67.8 65.3 67.8 65.3 65.3 65.3 65.3 65.3 65.3	Fated Load (ibs) 42,100° 42,000° 41,600° 41,000° 40,500° 38,900° 38,000° 36,400° 33,6000° 33,6000° 27,200 24,100 21,300	Load Radius (ft) 63.6 65.0 70.0 75.0 80.0 95.0 100.0 110.0 120.0 150.0 170.0 170.0 180.0 170.0 180.0 180.0	70.0 Boom Room Room Room Room Room Room Room	2 60 f Offset Ai Pated Load (lbs) 46,500* 46,500* 44,100* 43,200* 42,300* 40,500* 39,800* 39,800* 37,000* 34,600* 30,700 27,200 24,200 24,200 19,200	81.6 85.0 99.0 110.0 120.0 140.0 170.0 180.0	80.0 79.3 77.1 76.0 73.8 71.5 69.2 66.4 61.9 69.4 56.7	29,700* 29,700* 29,700* 29,700* 29,700* 29,100* 28,400* 27,300* 26,300* 25,300* 23,600* 22,900*	263.4 Received for the control of th	30.0 ((10 m) 10 m)	8,800 1 800 1 Fated Load (lbs) 26,600° 26,100° 24,500° 24,500° 21,900° 21,900° 21,900° 21,900° 19,000° 19,000° 19,000° 17,400° 16,500°	94.4 95.0 110.0 120.0 120.0 140.0 150.0 190.0 190.0 200.0	80.0 79.9 76.8 74.7 72.6 70.4 68.2 65.9 63.5 61.2 68.7 56.2	8,500 1 Rated Load (lbs) 17,800* 17,800* 17,500* 16,400* 15,700* 15,100* 14,700* 14,400* 14,000*	Load Radius (ft) 77.4 80.0 85.0 90.0 95.0 100.0 120.0 130.0 140.0 150.0 170.0 200.0 210.0	70 Boom (deg.) 80.0 79.5 78.6 77.7 76.7 76.8 75.9 70.1 68.1 62.2 64.1 62.1 65.8 53.3	100 Diffset Aid Load (lbs) 14,700° 14,400° 14,100° 13,400° 12,000° 11,500° 11,500° 10,600° 10,200° 9,700° 9,400° 8,900° 8,900° 8,500°	107.2 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0 210.0	80.0 79.5 77.6 73.6 71.5 69.4 67.3 66.1 62.8 60.5 58.1	9,200 9,200 9,200 9,200 8,600 8,400 8,100 7,700 7,400 7,200 7,200
100.0 10	220 (deg.) 80.0 79.3 78.2 77.0 75.9 74.8 73.6 72.5 66.3 62.9 60.3 57.7 66.3 62.9 60.3 57.7 65.3 49.4 44.4 43.2 39.8	## April 19	Coad Reduced (t) Load R	80.0 79.7 78.6 77.4 76.3 76.1 70.3 67.8 65.3 62.7 60.1 157.3 54.5 46.1 41.5	42,100° 42,000° 41,600° 41,600° 41,600° 38,900° 38,900° 38,600° 33,600° 27,200° 24,100° 21,300° 16,800° 15,000° 13,200°	Load Padius (ft) 63.6 66.0 70.0 75.0 80.0 85.0 90.0 110.0 120.0 150.0 160.0 170.0 170.0 120.0 20.0 220.0 220.0	70.1 80.0 79.7 78.7 77.6 76.6 76.6 74.4 72.3 70.1 67.9 65.6 63.3 61.0 58.6 66.1 53.5 94.1 45.2 42.1	2 60 f Offset Ai Pated Load (fbs) 46,500* 46,500* 41,100* 42,300* 41,300* 40,500* 39,800* 37,000* 34,500* 30,700 27,200 24,200 21,500 19,200 17,200 15,300 13,600 12,300	81.6 85.0 90.0 110.0 120.0 130.0 170.0 170.0 20.0 220.0 220.0	80.0 79.3 78.2 77.1 76.0 73.8 71.5 69.2 66.8 64.4 61.9 69.4 56.7 69.4 48.1 48.1	29,700* 29,700* 29,700* 29,700* 29,700* 29,500* 29,500* 22,400* 22,500* 22,900* 20,900* 18,500 14,900 13,300	263.4 Rece Load Radius (ft) 70.5 76.0 80.0 85.0 90.0 110.0	30.0 30.0 Vves 10 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	8,800 1 800 1 800 1 800 1 800 1 800 800 26,600 26,600 25,600 24,500 24,500 23,600 23,600 19,000 19,000 17,800 17,400 14,900 13,400 12,000 10,700	Page (15 Jib Ingle (16 Jib Ing	80.0 80.0 79.9 78.9 74.7 72.6 61.2 65.9 63.5 61.2 65.2 55.2 55.2 44.6	8,500 1 Rafed Load (lbs) 17,800* 17,500* 16,400* 15,700+ 14,700* 14,400* 14,000* 13,500* 12,900 11,600	Load Redius (nt) 77.4 80.0 85.0 90.0 120.0 120.0 170.0 150.0 200.0 220.0 220.0 220.0 220.0 250.0	70.7 76.8 73.9 72.0 70.1 66.2 64.1 62.1 60.0 57.8 65.3 56.9 44.5 45.9 43.2	100 700 700 700 700 700 700 700	107.2 110.0 150.0 170.0 180.0 190.0 220.0 230.0 250.0	80.0 79.5 77.6 73.6 71.5 69.4 67.3 65.1 62.8 60.5 73.1 56.8 53.1 50.3 47.5	9,200 9,200 9,200 9,200 9,200 7,700 7,400 7,200 7,000 7,000
100.0 10	220 60 100 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.8 73.6 72.5 62.9 60.3 57.7 65.3 62.9 60.3 57.7 65.3 62.9 60.3 57.7 65.3 62.9 60.3 57.7 65.3 62.9 60.3 60.0 6	7 Fated Load (lbs) 58,200 57,500 56,300 52,500 50,100 33,600 29,600 20,600 18,300 14,400 13,000 11,400	Control of the state of the sta	80.0 79.7 78.6 77.4 76.3 76.1 77.9 72.7 70.3 67.8 65.3 62.7 60.1 157.3 54.5 54.5 54.5 54.5 37.6	42,100° 42,000° 41,600° 41,600° 41,600° 38,900° 38,000° 38,600° 33,600 27,200 24,100 21,300 19,000 15,000 13,200 11,700	Load Padius (ft) 63.6 66.0 70.0 85.0 99.0 95.0 110.0 120.0 1	70.1 70.1 70.1 70.1 70.1 70.1 70.1 70.1	2 Fated Load (lbs) 46,500* 46,500* 46,200* 44,100* 43,200* 44,300* 41,300* 40,500* 39,800* 37,000* 37,000* 21,500* 17,200 17,200 17,200 17,200 17,200 17,200 17,200 17,200 17,200 10,900 10,900	81.6 85.0 90.0 110.0 120.0 130.0 140.0 170.0 180.0 220.0 220.0 220.0 230.0	80.0 79.3 78.2 77.1 76.0 73.8 71.5 69.2 66.8 64.4 61.9 69.4 56.7 64.0 64.1 48.1 44.8	78red Load (lbs) 29,700° 29,700° 29,700° 29,700° 29,100° 28,400° 27,300° 26,300° 24,300° 22,900° 18,500 11,800 11,800	263.4 Rece Load Radius (ft) 70.5 76.0 80.0 85.0 90.0 110.0	30.0 30.0 Vves 10 10 Boom Angle (deg.) 80.0 79.1 78.1 77.2 76.2 76.2 74.2 72.2 70.1 68.0 65.9 63.8 61.6 69.3 57.0 54.6 44.2 41.2 38.1	8,800 1 Rated Load (lbs) 26,600* 24,500* 24,500* 24,500* 24,500* 21,900* 21,900* 21,900* 19,600* 17,800* 17,800* 11,800* 11,800* 11,800* 11,900*	Page (15 Jib Ingle (16 Jib Ing	80.0 79.9 76.8 74.7 72.6 65.9 63.6 61.2 68.7 47.8 44.6 41.2	8,500 1 Fated Load (lbs) 17,800* 17,800* 17,500* 16,400* 15,100* 14,400* 14,400* 14,000* 13,500* 12,900 10,200	Load Redius (ft) 77.4 80.0 85.0 90.0 120.0 120.0 170.0 120.0 120.0 120.0 220.0 220.0 220.0 220.0 220.0 250.0 260.0	70.7 76.8 73.9 72.0 66.2 64.1 62.1 60.0 57.8 55.6 53.3 43.2 40.4	100 Diffset Ai Rated Load (lbs) 14,700° 14,400° 14,100° 13,700° 13,000° 12,600° 11,500° 11,500° 11,500° 10,600° 10,600° 10,600° 9,700° 9,200° 8,300° 8,300° 8,300° 7,700° 7,500°	107 2 110.0 150.0 170.0 180.0 190.0 220.0 230.0 250.0 260.0	80.0 79.5 77.6 73.6 71.5 69.4 67.3 65.1 62.8 60.5 53.1 50.3 47.5 44.4	9,200 9,200 9,200 9,200 8,800 8,400 8,400 7,700 7,400 7,200 7,000 7,000 7,000
100.0 100.0 100.0 110.0 120.0 120.0 150.0 160.0 170.0 180.0 190.0 120.0	220 (0 10 Boom 79.3 80.0 79.3 78.2 77.0 75.4 87.3 67.7 66.3 70.1 67.7 66.3 57.7 65.1 52.3 49.4 46.4 43.2 43.8 39.8 32.0	78ted Load ((bs) 58,200* 56,300* 54,300* 52,500* 50,100 48,800 43,900 33,600 26,100 23,200 20,600 18,300 11,400 10,100	100.0 170.0 190.0 220.0 230.0	80.0 79.7 78.6 77.4 76.3 76.1 73.9 72.7 70.3 65.3 65.3 54.5 51.5 48.4 44.1 5 37.6 33.3	42,100° 42,000° 41,600° 41,600° 38,900° 38,600° 38,600° 33,600° 27,200° 24,100° 21,300° 19,000° 16,800° 13,200° 11,700° 10,300°	Load Redius (ft) 63.6 65.0 70.0 75.0 80.0 95.0 110.0 120.0 140.0 150.0 170.0 180.0 190.0 220.0 220.0 220.0 220.0 220.0	70.1 80.0 79.7 76.6 76.6 74.4 73.4 72.3 70.1 65.6 66.1 53.5 50.9 48.1 48.2 48.2 35.3	2 60 f) Pated Load (lbs) 46,500* 46,200* 44,100* 43,200* 40,500* 39,800* 37,000* 34,500* 30,700 24,200 21,500 19,200 17,200 15,300 13,600 12,300 10,900 9,700	81.6 85.0 99.0 95.0 100.0 170.0 180.0 170.0 220.0 220.0 220.0 240.0	80.0 79.3 78.2 77.1 76.0 73.8 64.4 61.9 59.4 56.7 64.0 51.1 48.1 44.8 41.4 37.6	29,700° 29,700° 29,700° 29,700° 29,700° 29,100° 29,100° 22,300° 24,300° 25,300° 22,900° 18,500 16,600 14,900 11,800 10,500	263.4 Rece Load Redius (ft) 70.5 76.0 80.0 85.0 95.0 100.0 110.0 120.0 140.0 150.0 170.0 180.0 190.0 220.0 220.0 220.0 220.0 240.0 220.0 260.0	30.0 ((10 m) source (10 m) sou	8,800 1 801 26,600* 26,600* 26,600* 24,900* 24,500* 24,100* 23,600* 21,900* 21,900* 19,000* 11,800* 17,400* 16,500* 11,400* 1	94.4 95.0 110.0 120.0 110.0 120.0 120.0 150.0 160.0 170.0 180.0 200.0 220.0 220.0 220.0 220.0 220.0 250.0 260.0	80.0 79.9 76.8 74.7 72.6 65.9 66.2 68.7 56.2 53.5 50.7 44.8 44.6 41.2 37.5	8,500 1 17,800* 17,800* 17,800* 17,500* 16,400* 15,700* 15,100* 14,700* 14,400* 14,400* 14,000* 13,500* 12,900 9,000	Load Fadius (ft) 77.4 80.0 85.0 90.0 110.0 120.0 130.0 140.0 150.0 170.0 190.0 210.0 220.0 230.0 240.0 250.0 270.0	(662) 76.7 76.8 77.7 76.8 76.7 76.8 76.7 76.8 76.7 76.8 72.0 70.1 68.1 66.2 64.1 66.2 64.1 60.0 57.8 65.6 63.3 60.9 48.5 48.5 40.4 37.3	100 700 700 700 700 700 700 700	Ree ft Jb ggle (c toldad) 107.2 110.0 120.0 130.0 140.0 150.0 190.0 200.0 210.0 220.0 230.0 250.0 270.0	80.0 79.5 77.5 75.6 73.5 69.4 60.5 58.1 62.8 60.5 53.1 44.4 41.1	9,200 9,200 9,200 9,200 9,100 8,800 8,400 7,900 7,400 7,200 7,000 7,000 7,000 7,000 7,000
Load adjus (ft) 56.8 60.0 65.0 70.0 80.0 85.0 90.0	220 60 100 Boom Angle (deg.) 80.0 79.3 78.2 77.0 75.9 74.8 73.6 72.5 62.9 60.3 57.7 65.3 62.9 60.3 57.7 65.3 62.9 60.3 57.7 65.3 62.9 60.3 57.7 65.3 62.9 60.3 60.0 6	7 Fated Load (lbs) 58,200 57,500 56,300 52,500 50,100 33,600 29,600 20,600 18,300 14,400 13,000 11,400	Control of the state of the sta	80.0 79.7 78.6 77.4 76.3 76.1 77.9 72.7 70.3 67.8 65.3 62.7 60.1 157.3 54.5 54.5 54.5 54.5 37.6	42,100° 42,000° 41,600° 41,600° 41,600° 38,900° 38,000° 38,600° 33,600 27,200 24,100 21,300 19,000 15,000 13,200 11,700	Load Padius (ft) 63.6 66.0 70.0 85.0 99.0 95.0 110.0 120.0 1	70.1 70.1 70.1 70.1 70.1 70.1 70.1 70.1	2 Fated Load (lbs) 46,500* 46,500* 46,200* 44,100* 43,200* 44,300* 41,300* 40,500* 39,800* 37,000* 37,000* 21,500* 17,200 17,200 17,200 17,200 17,200 17,200 17,200 17,200 17,200 10,900 10,900	81.6 85.0 90.0 110.0 120.0 130.0 140.0 170.0 180.0 220.0 220.0 220.0 230.0	80.0 79.3 78.2 77.1 76.0 73.8 71.5 69.2 66.8 64.4 61.9 69.4 56.7 64.0 64.1 48.1 44.8	78red Load (lbs) 29,700° 29,700° 29,700° 29,700° 29,100° 28,400° 27,300° 26,300° 24,300° 22,900° 18,500 11,800 11,800	263.4 Rece Load Radius (ft) 70.5 76.0 80.0 85.0 90.0 110.0	30.0 30.0 Vves 10 10 Boom Angle (deg.) 80.0 79.1 78.1 77.2 76.2 76.2 74.2 72.2 70.1 68.0 65.9 63.8 61.6 69.3 57.0 54.6 44.2 41.2 38.1	8,800 1 Rated Load (lbs) 26,600* 24,500* 24,500* 24,500* 24,500* 21,900* 21,900* 21,900* 19,600* 17,800* 17,800* 11,800* 11,800* 11,800* 11,900*	Page (15 Jib Ingle (16 Jib Ing	80.0 79.9 76.8 74.7 72.6 65.9 63.6 61.2 68.7 47.8 44.6 41.2	8,500 1 Fated Load (lbs) 17,800* 17,800* 17,500* 16,400* 15,100* 14,400* 14,400* 14,000* 13,500* 12,900 10,200	Load Redius (ft) 77.4 80.0 85.0 90.0 120.0 120.0 170.0 120.0 120.0 120.0 220.0 220.0 220.0 220.0 220.0 250.0 260.0	70.7 76.8 73.9 72.0 66.2 64.1 62.1 60.0 57.8 55.6 53.3 43.2 40.4	100 Diffset Ai Rated Load (lbs) 14,700° 14,400° 14,100° 13,700° 13,000° 12,600° 11,500° 11,500° 11,500° 10,600° 10,600° 10,600° 9,700° 9,200° 8,300° 8,300° 8,300° 7,700° 7,500°	107 2 110.0 150.0 170.0 180.0 190.0 220.0 230.0 250.0 260.0	80.0 79.5 77.6 73.6 71.5 69.4 67.3 65.1 62.8 60.5 53.1 50.3 47.5 44.4	9,200 9,200 9,200 9,200 8,800 8,400 8,400 7,700 7,400 7,200 7,000 7,000 7,000

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes on page 23.

Fixed Jib Lift Capacity (without main hook)

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

		401	t Jib					60 f	t Jib					80 1	t Jb					100	ft Jib		
	(Offset A	ngle (d	deg.)			(Offset Ai	ngle (deg.)			- (Offset A	ngle (deg.)			(Offset A	ngle (d	deg.)	
	10		7444	30	Dutad	Total	10	Dutand	land	30	Detect	7004	10	Delad	Jane	30	Detail	Land	10		Land	30	Dela
oad adius (ft)	Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Angle (deg.)	Rated Load (lbs)	Load Padius (ft)	Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Pate Load (lbs
58.7	80.0	58,200*				65.3	80.0	46,500*				72.2	80.0	26,400*				79.1	80.0	14,700*			
60.0 65.0	79.7 78.6	57,900* 56,800*				70.0 75.0	79.1 78.1	45,600° 44,600°		h, 1		75.0 80.0	79.5 78.5	26,100° 25,600°				80.0 85.0	79.8 78.9	14,700* 14,300*			
70.0	77.5	55,700*	70.5	80.0	42,100*	80.0	77.0	43,600*	83.3	80.0	29,700*	85.0	77.6	25,100*				90.0	78.1	14,000*			
75.0	76.4	54,700*	75.0	79.0	41,800*	85.0	76.0	42,600*	85.0	79.7	29,700*	90.0	76.6	24,600*	004	00.0	47.0004	95.0	77.2	13,600*	400.0	00.0	0.40
80.0 85.0	75.3 74.2	53,800° 52,900°	80.0 85.0	77.9 76.8	41,300° 40,800°	90.0 95.0	75.0 74.0	41,700° 41,000°	90.0 95.0	78.6 77.6	29,700° 29,500°	95.0 100.0	76.7 74.7	24,100° 23,700°	96.4 100.0	80.0 79.3	17,800* 17,500*	100.0	76,3 74,4	13,300° 12,600°	110.0	80.0 79.8	9,40
90.0	73.1	51,900°	90.0	75.7	40,100*	100.0	72.9	40,200*	100.0	76.5	29,200*	110.0	72.8	22,800*	110.0	77.3	17,000*	120.0	72.6	12,200*	120.0	78.0	9,10
95.0	72.0	51,100	95.0	74.5	39,300*	110,0	70.8	38,700*	110.0	74.4	28,500*	120.0	70.8	22,100*	120.0	75.2	16,600*	130.0	70.7	11,700*	130.0	76.0	8,80
100.0	70.9 68.6	49,600 43,200	100.0 110.0	73.4 71.1	38,500° 36,800°	120.0 130.0	68.7 66.5	37,300* 34,000	120.0 130.0	72.2 70.0	27,800° 26,600°	1 30.0	68,8 66,8	21,200° 20,500°	130.0 140.0	73.2 71.1	16,100" 15,700"	140.0 150.0	66,9	11,100° 10,800°	140.0 150.0	74.1 72.1	8,70 8,40
120.0	66.3	37,600	120.0	68.7	35,400	140.0	64.3	30,000	140.0	67.7	25,500"	150.0	64.7	19,900"	150.0	69.0	15,400"	160.0	65.0	10,400*	160.0	70.1	8,20
30.0	64.0	32,900	130.0	66.3	33,900	150.0	62.1	26,500	150.0	65.4	24,700*	160.0	62.6	19,200*	160.0	66.8	15,100*	170.0	63.0	9,900*	170.0	68.1	8,10
140.0	61.5 59.1	28,900 25,400	140.0 150.0	63.9 61.3	30,000 26,500	160.0 170.0	69.8 57.4	23,500 20,800	160.0 170.0	63.1 60.6	23,800° 22,500°	170.0 180.0	60.4 58.2	18,500* 18,100*	170.0	64.6 62.3	14,700* 14,500*	180.0 190.0	61.0 58.9	9,600* 9,200*	180.0 190.0	66.0 63.8	7,80
160.0	56.5	22,400	160.0	58.8	23,400	180.0	65.0	18,600	180.0	68.1	20,200*	190.0	56.0	17,600*	190.0	60.0	14,300*	200.0	56.8	9,100*	200.0	61.6	7,60
170.0	53.9	19,900	170.0	56.1	20,600	190.0	52.5	16,500	190.0	55.5	18,100	200.0	53.6	16,000*	200.0	57.5	14,000*	210.0	54.6	8,800*	210.0	59.4	7,40
1 80.0	51.2 48.4	17,600 15,700	180.0	53.3 50.4	18,200 16,100	200.0	49.9 47.2	14,600 13,000	200.0	52.8 50.0	16,100 14,300	210.0	51.2 48.7	14,300 12,700	210.0	55.0 52.4	13,800* 13,500*	220.0 230.0	52.4 50.1	8,400* 8,300*	230.0	57.0 54.6	7,30
200.0	45.4	13,800	200.0	47.3	14,200	220.0	44.4	11,600	220.0	47.1	12,600	230.0	46.1	11,400	230.0	49.7	12,200	240.0	47.7	8,000*	240.0	62.0	7,20
210.0	42.3	12,100	210.0	44.1	12,500	230.0	41.4	10,300	230.0	43.9	11,100	240.0	43.4	10,000	240.0	46.8	10,900	250.0	45.1	7,900*	250.0	49,4	7,00
220.0 230.0	38.9 35.3	10,700 9,400	220.0 230.0	40.6 36.8	11,100 9,600	240.0 250.0	38.1 34.6	8,900 7,800	240.0 250.0	40.6 36.8	9,800 8,500	260.0 260.0	40.6 37.4	8,900 7,900	260.0 260.0	43.7 40.4	9,600 8,400	260.0 270.0	42.5 39.7	7,600* 7,200*	260.0 270.0	46.5 43.5	7,00
240.0	31.3	8,200	240.0	32.6	8,400	260,0	30.8	6,800	260.0	32.6	7,600	270.0	34,0	6,900	270.0	36.7	7,300	280.0	36.7	6,500*	280.0	40.3	6,70
243.1	30.0	7,900	245.4	30.0	7,700	261.8	30.0	6,600	265.4	30.0	6,800	280.0	30.3	6,000	280.0	32,6	6,300	290.0	33.4	5,800	290.0	36.7	6,10
												280.8	30.0	5,900	285,4	30.0	5,700	299.5	30.0	5,000	300.0	32.5	5,40
												5270	250.7			2.00		2.6	300		305.4	30.0	100,000
Rec	ves	2	Ree	ves	2	Ree	ves	2	Rec	ves	1	Ree	ves	1	Ree	ves	1	Ree	ves	1	305.4 Ree	-	4,800
Rec				ves	2	Ree	ves	2	Rec	ves	1	-220	ves	1	Ree	ves	4	Rec	ves	1		-	4,800
Ree	240)' Boo 40 t	m t Jb	1	2	Ree		60 f	t Jb		1	-220		80 1	t Jb		1	Ree		100	Ree	ves	4,800
Rec	240	O' Boo 40 i Offset A	m t Jb	deg.)	2	Ree	(t Jb	deg.)	1	-220	(t Jb	deg.)	1	Ree		100 Offset Ar	Ree	ves deg.)	4,800
	240	O' Boo 40 i Offset A	m ft Jib ngle (d	deg.) 30			10	60 f Offset Ai	t Jib ngle (deg.) 30		Ree	10	80 i Offset Ai	ft Jib ngle (t	deg.) 30			10	100 Offset Ai	Ree ft Jib ngle (d	ves deg.)	4,800 1
Load Padius (ft)	240 10 Boom Angle (deg.)	O' Boo 40 i Offset Al Pated Load (lbs)	m t Jb	deg.)	Pated Load (lbs)	Load Radius (ff)	10 Boom Angle (deg.)	60 f Offset Al Pared Load (lbs)	t Jb	deg.)	Pated Load (lbs)	Ree Load Radius (ft)	10 Boom Angle (deg.)	80 f Offset Al Pated Load (lbs)	t Jb	deg.)	Pated Load (lbs)	Load Radius (ft)	10 Boom Angle (deg.)	100 Offset Ar Rated Load (lbs)	Ree	ves deg.)	4,800
Load Padius (ft)	240 10 800m Angle (deg.) 80.0	Offset All Offset All Rated Load (lbs) 58,200*	ft Jib ngle (d Load Radius	deg.) 30 Boom Angle	Rated Load	Load Radius (ft) 67,3	10 Boom Angle (deg.) 80.0	60 f Offset Al Pared Load (lbs) 46,500*	ft Jib ngle (i Load Radius	deg.) 30 Boom Angle	Rated Load	Load Radius (ft)	10 Boom Angle (deg.) 80.0	80 t Offset Al Pated Load (lbs) 26,600*	ft Jib ngle (d Load Padius	deg.) 30 Boom Angle	Rated Load	Load Radius (ft) 80.7	10 Boom Angle (deg.) 80.0	100 Offset Ai Pated Load (lbs) 14,700*	ft Jib ngle (d	deg.) 30 Boom Angle	1 Rated Load
Load Padius (ft)	240 10 Boom Angle (deg.)	O' Boo 40 i Offset Al Pated Load (lbs)	ft Jib ngle (d Load Radius	deg.) 30 Boom Angle	Rated Load	Load Radius (ff)	10 Boom Angle (deg.)	60 t Offset Al Pared Load (lbs)	ft Jib ngle (i Load Radius	deg.) 30 Boom Angle	Rated Load	Ree Load Radius (ft)	10 Boom Angle (deg.)	80 f Offset Al Pated Load (lbs)	ft Jib ngle (d Load Padius	deg.) 30 Boom Angle	Rated Load	Load Radius (ft)	10 Boom Angle (deg.)	100 Offset Ar Rated Load (lbs)	ft Jib ngle (d	deg.) 30 Boom Angle	4,80
Load Padius (ft) 60.4 65.0 70.0 75.0	240 10 Boom Angle (deg.) 80.0 79.0 78.0 76.9	### Act of the control of the contro	met Jib ngle (d Load Radius (ft)	deg.) 30 Boom Angle (deg.) 80.0 79.4	Rated Load (lbs) 42,100° 41,800°	Load Radius (ft) 67,3 70.0 75.0 80.0	10 Boom Angle (deg.) 80.0 79.4 78.5 77.5	80 f Offset Ai Pared Load (lbs) 46,500* 45,900* 44,800* 43,800*	ft Jib ngle (i Load Radius (ft)	deg.) 30 Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft) 73.8 76.0 80.0 85.0	10 Boom Angle (deg.) 80.0 79.8 78.9 78.0	80 ff Dffset Ai Pated Load (lbs) 26,600° 25,800° 25,300°	ft Jib ngle (d Load Padius	deg.) 30 Boom Angle	Rated Load	Load Radius (ft) 80.7 85.0 90.0 95.0	80.0 79.3 78.4	700 Offset Air Rated Load (lbs) 14,700* 14,300* 14,000* 13,700*	ft Jib ngle (d	deg.) 30 Boom Angle	1 Rated Load
Load Padius (ft) 60.4 65.0 70.0 76.0 80.0	240 10 Boom Angle (deg.) 80.0 79.0 78.0 76.9 75.9	## April 10 Fated Load (lbs) 58,200* 57,200* 56,200* 54,	t Jb ngle (d Load Radius (ft) 72.1 75.0 80.0	30 Boom Angle (deg.) 80.0 79.4 78.4	Fated Load (lbs) 42,100* 41,800* 41,300*	Load Radius (ft) 67.3 70.0 75.0 80.0 85.0	80.0 79.4 78.5 77.6 76.5	60 f Dffset All Rafed Load (lbs) 46,500* 46,900* 44,800* 43,800*	t Jib ngle (i Load Radius (ft)	deg.) 30 Boom Angle (deg.)	Pated Load (lbs)	Load Radius (ft) 73.8 75.0 80.0 90.0	10 Boom Angle (deg.) 80.0 79.8 78.9 78.0 77.1	80 f Dffset Al Pated Load (lbs) 26,600° 26,500° 25,800° 24,800°	ft Jib ngle (t Load Radius (ft)	deg.) 30 Boom Angle (deg.)	Pated Load (lbs)	Load Fadius (ft) 80.7 85.0 90.0 95.0	80.0 79.3 78.4 77.5 76.7	100 Offset Al Rated Load (lbs) 14,700* 14,300* 13,700* 13,500*	ft Jib ngle (d Load Radius (ft)	deg.) 30 Boom Angle (deg.)	4,800
Load Padius (ft) 60.4 65.0 70.0 75.0	240 10 Boom Angle (deg.) 80.0 79.0 78.0 76.9	### Act of the control of the contro	met Jib ngle (d Load Radius (ft)	deg.) 30 Boom Angle (deg.) 80.0 79.4	Rated Load (lbs) 42,100° 41,800°	Load Radius (ft) 67,3 70.0 75.0 80.0	80.0 79.4 78.5 77.6 76.5 76.6	80 f Offset Ai Pared Load (lbs) 46,500* 45,900* 44,800* 43,800*	ft Jib ngle (i Load Radius (ft)	deg.) 30 Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft) 73.8 76.0 80.0 85.0	10 Boom Angle (deg.) 80.0 79.8 78.9 78.0	80 ff Dffset Ai Pated Load (lbs) 26,600° 25,800° 25,300°	ft Jib ngle (d Load Padius	deg.) 30 Boom Angle (deg.)	Rated Load	Load Radius (ft) 80.7 85.0 90.0 95.0	80.0 79.3 78.4	700 Offset Air Rated Load (lbs) 14,700* 14,300* 14,000* 13,700*	ft Jib ngle (d	deg.) 30 Boom Angle (deg.)	A,800
(ft) 60.4 65.0 70.0 76.0 80.0 80.0 90.0 90.0	240 10 Boom Angle (deg.) 80.0 79.0 78.0 76.9 75.9 74.8 73.8 72.7	7 Page 1	Ft Jib ngle (d Radius (ft) 72.1 75.0 80.0 85.0 90.0 95.0	80.0 79.4 76.2 76.1	Fated Load (lbs) 42,100° 41,800° 41,300° 41,000° 40,500° 39,800°	Load Radius (fi) 67,3 70.0 75.0 80.0 95.0 100.0	10 Boom Angle (deg.) 80.0 79.4 78.5 77.6 76.5 76.6 74.5 73.6	60 f Offset Al Pated Load (lbs) 46,500° 43,800° 43,800° 43,000° 42,200° 41,300° 40,600°	t Jib ngle (1 Load Radius (ft) 85.3 90.0 95.0 100.0	80.0 79.0 77.0	Pated Load (/bs) 29,700* 29,700* 29,600* 29,400*	Losd Radius (ft) 73.8 76.0 80.0 95.0 100.0 110.0	79.8 78.9 78.0 77.1 76.1 75.2 73.3	80 f Dffset Ai Dffset Ai Dffset Ai Load (lbs) 26,600° 25,800° 25,800° 24,800° 24,400° 24,000° 23,200°	Pt Jib ngle (1 Load Radius (ft) 98.0 100.0 110.0	30 Boom Angle (deg.) 80.0 79.6 77.7	Fated Load (lbs) 17,800* 17,500* 17,200*	Load Radius (ft) 80.7 85.0 90.0 95.0 100.0 110.0 120.0 130.0	70 Boom Angle (deg.) 80.0 79.3 78.4 77.5 76.7 74.9 73.1 71.3	700 78ted Al Coad (lbs) 14,700* 14,300* 13,700* 13,700* 12,800* 12,200* 11,700*	ft Jib ngle (d Load Radius (ft)	deg.) 30 Boom Angle (deg.) 80.0 78.3 76.5	4,800 1 Parev Loac ((bs) 9,100 9,000
Load adius (ft) 60.4 65.0 70.0 76.0 80.0 85.0 90.0 96.0 100.0	240 10 Boom Angle (deg.) 80.0 79.0 78.0 76.9 75.9 74.8 73.8 72.7 71.6	7 Eoo 40 ii Offset Al Load (lbs) 58,200* 57,200* 56,200* 54,200* 52,500* 63,400* 52,500* 61,000 48,700	T Jb ngle (d Radius (ft) 72.1 76.0 80.0 85.0 90.0 95.0 100.0	80.0 79.4 76.2 76.1 74.0	Rated Load (lbs) 42,100° 41,800° 41,900° 41,000° 40,500° 38,800° 38,900°	Load Radius (ff) 67,3 70.0 75.0 80.0 95.0 100.0 110.0	10 Boom Angle (deg.) 80.0 79.4 78.5 77.6 76.5 76.6 74.5 73.6 71.5	60 f Offset Al Pated Load (lbs) 46,500° 45,900° 43,800° 43,800° 43,800° 42,200° 40,600° 39,200°	Et Jib ngle (1 Load Radius (ft) 85.3 90.0 95.0 100.0	80.0 79.0 74.9	Pated Load (lbs) 29,700* 29,700* 29,600* 29,400* 28,700*	Load Redius (ft) 73.8 76.0 80.0 95.0 100.0 110.0	79.8 78.9 78.0 77.1 76.1 75.2 73.3 71.4	80 f Dffset Al Pated Load (fbs) 26,600° 26,500° 25,800° 24,800° 24,400° 24,000° 23,200° 22,300°	## Jib Ingle (1) Load Radius (ft) 98.0 100.0 110.0 120.0	30 Boom Angle (deg.) 80.0 79.6 77.7 75.7	Rated Load ((lbs) 17,800* 17,500* 17,200* 16,600*	Load Radius (ft) 80.7 85.0 90.0 95.0 100.0 120.0 130.0 140.0	70 Boom Angle (deg.) 80.0. 79.3 78.4 77.5 76.7 74.9 73.1 71.3 69.5	700 78ted Al Coad (lbs) 14,700* 14,300* 13,700* 13,500* 12,800* 12,200* 11,700* 11,300*	## Ree ## Jib ngle (d Load Radius (ft) 110.8 120.0 130.0 140.0	deg.) 30 Boom Angle (deg.) 80.0 78.3 76.5 74.6	4,800 1 Partex (lbs) 9,400 9,100 9,000 8,700
(ft) 60.4 65.0 70.0 75.0 80.0 85.0 90.0 91.0 100.0	240 10 Boom Angle (deg.) 80.0 79.0 78.0 76.9 75.9 74.8 73.8 72.7 71.6 69.4	7 Eoo 40 ii Offset Al Load (lbs) 58,200 57,200 56,200 54,200 53,400 52,500 54,000 42,400	To Jb Ingle (con Padius (ft)) 72.1 76.0 80.0 85.0 90.0 100.0 110.0	80.0 79.4 76.2 76.1	Rated Load (lbs) 42,100° 41,800° 41,300° 40,500° 38,900° 37,200°	Load Padius (ft) 67,3 70.0 75.0 80.0 90.0 100.0 110.0 120.0	80.00 79.4 78.5 77.6 76.5 76.6 74.5 73.6 71.5 69.6	80 f Dffset Al Rated Load (lbs) 46,500° 45,900° 43,800° 43,800° 43,800° 42,200° 42,200° 41,300° 40,600° 39,200° 37,500°	Et Jib ngle (1 Load Radius (ft) 85.3 90.0 95.0 100.0 110.0	80.0 79.0 74.9 72.8	29,700* 29,700* 29,600* 29,600* 28,700* 28,000*	Feee Load Redius (ft) 73.8 76.0 80.0 86.0 90.0 100.0 110.0 120.0 130.0	70.0 80.0 79.8 78.9 78.0 77.1 76.1 75.2 73.3 71.4 69.5	80 f Dffset Al Pated Load (fbs) 26,600° 26,500° 25,800° 24,800° 24,400° 24,000° 23,200° 21,600°	98.0 100.0 110.0 130.0	80.0 79.6 77.7 73.8	Pated Load ((lbs) 17,800* 17,500* 16,600* 16,600* 16,300*	Load Fadius (ft) 80.7 85.0 90.0 95.0 100.0 120.0 130.0 140.0 160.0	70 Boom Angle (deg.) 80.0 79.3 78.4 77.5 76.7 74.9 73.1 71.3 69.5 67.7	700 784ed Load (fbs) 14,700* 14,300* 14,000* 13,700* 12,800* 12,200* 11,700* 11,300* 10,800*	Hee ft Jib ngle (d Radius (ft)) 110.8 120.0 130.0 140.0 150.0	80.0 78.5 74.6 72.7	4,800 1 Rate Lose (lbs) 9,400 9,100 9,000 8,700 8,400
Load Padius (ft) 60.4 65.0 70.0 75.0 80.0 90.0	2400 (0 100 Boom Angle (deg.) 80.0 79.0 78.0 76.9 74.8 73.8 72.7 71.6 69.4 67.2	7 Eoo 40 ii Offset Al Load (lbs) 58,200* 57,200* 56,200* 54,200* 52,500* 63,400* 52,500* 61,000 48,700	T Jb ngle (d Radius (ft) 72.1 76.0 80.0 85.0 90.0 95.0 100.0	80.0 79.4 77.3 76.2 76.1 74.0 71.8	Rated Load (lbs) 42,100° 41,800° 41,900° 41,000° 40,500° 38,800° 38,900°	Load Radius (ff) 67,3 70.0 75.0 80.0 95.0 100.0 110.0	10 Boom Angle (deg.) 80.0 79.4 78.5 77.6 76.5 76.6 74.5 73.6 71.5	60 f Offset Al Pated Load (lbs) 46,500° 45,900° 43,800° 43,800° 43,800° 42,200° 40,600° 39,200°	Et Jib ngle (1 Load Radius (ft) 85.3 90.0 95.0 100.0	80.0 79.0 74.9	Pated Load (lbs) 29,700* 29,700* 29,600* 29,400* 28,700*	Load Redius (ft) 73.8 76.0 80.0 95.0 100.0 110.0	79.8 78.9 78.0 77.1 76.1 75.2 73.3 71.4	80 f Dffset Al Pated Load (fbs) 26,600° 26,500° 25,800° 24,800° 24,400° 24,000° 23,200° 22,300°	## Jib Ingle (1) Load Radius (ft) 98.0 100.0 110.0 120.0	30 Boom Angle (deg.) 80.0 79.6 77.7 75.7	Rated Load ((lbs) 17,800* 17,500* 17,200* 16,600*	Load Radius (ft) 80.7 85.0 90.0 95.0 100.0 120.0 130.0 140.0	70 Boom Angle (deg.) 80.0. 79.3 78.4 77.5 76.7 74.9 73.1 71.3 69.5	700 78ted A/00* 14,700* 14,300* 14,000* 13,700* 12,800* 12,200* 11,300* 10,800* 10,400* 10,400* 10,100*	## Ree ## Jib ngle (d Load Radius (ft) 110.8 120.0 130.0 140.0	deg.) 30 Boom Angle (deg.) 80.0 78.3 76.5 74.6	9,400 9,100 9,100 8,700 8,400 8,100
60.4 65.0 70.0 76.0 86.0 90.0 91.0 10.0 120.0 140.0	24(0 10 Boom Angle (deg.) 80.0 79.0 76.9 75.9 74.8 72.7 71.6 69.4 67.2 85.0 62.7	7 Page 1 Page 2	The state of the s	30 Boom Angle (deg.) 80.0 79.4 77.3 76.2 76.1 74.0 69.5 67.3 64.9	Fated Load (lbs) 42,100° 41,800° 41,300° 40,500° 38,900° 37,200° 33,500 29,800	Load Radius (ff) 67.33 70.0 90.0 85.0 90.0 110.0 120.0 140.0 150.0	(deg.) 80.0 79.4 78.5 77.5 76.5 71.5 63.6 67.4 65.3 63.1	60 f Offset Ai Diffset Ai Load (lbs) 46,500° 43,800° 43,800° 43,800° 42,200° 41,300° 40,600° 37,500° 37,500° 28,600 26,100	Redius (ft) 85.3 90.0 100.0 120.0 140.0 150.0	80.0 79.0 77.0 88.6 66.3	29,700° 29,700° 29,700° 29,600° 29,400° 28,000° 26,000° 25,000°	Rece Load Redius (ft) 73.8 76.0 80.0 95.0 100.0 110.0 120.0 110.	78.9 78.9 77.1 76.1 75.2 73.3 71.4 69.6 67.5 66.6 63.5	80 f Dffset Al Fated Load (lbs) 26,600° 26,500° 25,800° 24,800° 24,900° 24,900° 21,600° 21,000° 20,300° 19,600°	98.0 (ft) 98.0 100.0 120.0 130.0 160.0 160.0	80.0 79.6 77.7 73.8 89.7 67.6	7,800° 17,800° 17,500° 16,600° 16,600° 16,600° 15,300°	Load Radius (ti) 80.7 85.0 90.0 95.0 100.0 110.0 120.0 140.0 160.0 170.0 180.0	700 Boom Angle (deg.) 879.3 78.4 77.5 76.7 74.9 73.1 71.3 69.5 65.8 63.9 62.0	700 Dffset Al Fated Load (lbs) 14,700* 14,300* 13,500* 12,800* 12,200* 11,300* 10,400* 10,100* 9,800*	Free Free Free Free Free Free Free Free	300 Boom Angle (deg.) 80.0 78.3 76.5 74.6 72.7 70.8 68.8 66.8	9,400 9,400 9,000 8,700 8,700 8,700 8,700 8,700
60.4 65.0 70.0 80.0 86.0 90.0 91.0 10.0 120.0 140.0 150.0	240 100 Boom Angle (deg.) 80.00 78.00 78.00 75.99 74.8 73.8 72.7 71.6 69.4 66.0 62.7 60.3	7 Page 1 Page 2	Load Radius (ft) 72.11 75.0 95.0 100.0 110.0 1230.0 140.0 150.0	80.0 79.4 77.3 76.2 76.1 74.0 64.9 62.5	Fated Load (lbs) 42,100° 41,800° 41,300° 40,500° 39,800° 37,200° 35,900 26,100	Load Radius (ff) 67.3 70.0 75.0 80.0 85.0 90.0 110.0 120.0 130.0 150.0 160.0 160.0	70.5 70.5 70.5 70.5 70.5 70.5 70.5 70.5	60 f Offset Al Pated Load (lbs) 46,500° 45,900° 43,800° 43,800° 44,800° 43,000° 40,600° 37,600° 33,600 26,100 23,100	85.3 90.0 95.0 110.0 120.0 150.0 160.0	80.0 79.0 77.0 74.9 72.8 66.3 64.1	29,700° 29,700° 29,700° 29,600° 29,400° 28,000° 27,000° 25,000° 24,300°	Ree Load Redius (ft) 73.8 76.0 80.0 85.0 95.0 100.0 110.0 120.0 150.0 160.0 170.0 160.0 17	70.8 80.0 77.1 76.1 75.2 73.3 71.4 69.5 66.6 63.5 61.6	80 f Dffset Al Pated Load (lbs) 26,600° 26,500° 25,800° 24,800° 24,400° 24,000° 21,000° 21,000° 19,600° 19,600°	98.0 100.0 110.0 140.0 170.0 170.0 170.0	80.0 79.6 77.7 73.8 69.7 67.6 65.6	17,800° 17,500° 17,500° 16,600° 16,600° 15,300° 15,300°	Load Fadius (ft) 80.7 85.0 90.0 95.0 110.0 120.0 140.0 160.0 160.0 160.0 190.0 190.0 190.0	70.0 Boom Angle (deg.) 80.0 79.3 779.3 779.3 779.3 774.9 73.1 71.5 67.7 65.8 63.9 62.0 60.0	700 78ted Al Coad (bs) 14,700* 14,300* 13,700* 13,700* 12,800* 12,200* 11,700* 10,800* 10,400* 10,400* 10,400* 9,800* 9,400*	Rece ft Jb ngle (c Load Radius (ft) 110.8 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	80.0 78.3 76.5 74.6 72.7 68.8 66.8 64.7	9,400 9,100 9,000 8,700 8,200 7,700
10.00 10	240 (0 10 80,00 79,0 78,0 76,9 76,9 74,8 72,7 71,6 69,4 67,2 60,3 57,9 68,4 67,2 60,3 57,9 65,4	7 Page 1 Page 2	110 (Load Radius (ft) 175.0 72.1 75.0 80.0 96.0 110.0 120.0 140.0 140.0 150.0 170.0 170.0	80.0 79.4 77.3 76.2 76.1 74.0 71.8 69.5 67.3 62.5 60.1 57.5	Fated Load (lbs) 42,100° 41,800° 41,300° 40,500° 38,900° 37,200° 33,500 29,800	Load Radius (ff) 67.3 70.0 75.0 80.0 85.0 110.0 120.0 130.0 150.0 170.0 180.0 170.0 180.0 170.0 180.0	70.5 80.0 79.4 78.5 77.5 76.5 74.5 74.5 69.6 67.4 65.3 60.9 58.7 66.4	60 f Offset Ai Diffset Ai Load (lbs) 46,500° 43,800° 43,800° 43,800° 42,200° 41,300° 40,600° 37,500° 37,600° 28,600 26,100	85.3 90.0 95.0 110.0 120.0 150.0 170.0 180.0 170.0	80.0 79.0 74.9 72.8 76.3 66.3 66.3 69.4	29,700° 29,700° 29,700° 29,600° 29,400° 28,000° 26,000° 25,000°	Load Redius (ft) 73.8 75.0 80.0 95.0 110.0 120.0 140.0 150.0 160.0 170.0 180.0 190.0	70.0 80.0 79.8 80.0 79.8 78.9 76.1 76.1 75.2 75.2 71.4 69.5 61.5 61.5 61.5 61.5 65.4 67.2	80 f Dffset Al Fated Load (lbs) 26,600° 26,500° 25,800° 24,800° 24,900° 24,900° 21,600° 21,000° 20,300° 19,600°	98.0 100.0 110.0 120.0 140.0 150.0 180.0 190.0	80.0 77.6 77.7 73.8 71.8 69.7 66.6 63.3 61.1	7,800° 17,800° 17,500° 16,600° 16,600° 16,600° 15,300°	Load Radius (tt) 80.7 85.0 90.0 95.0 100.0 120.0 140.0 140.0 160.0 170.0 190.0 200.0 210.0	70 Boom 80.0 79.3 78.4 77.5 76.7 74.9 77.1 3 69.5 67.7 65.8 63.9 60.0 57.9 56.9	700 78ted Al Coad (lbs) 14,700* 14,300* 14,000* 13,700* 13,700* 12,800* 12,200* 11,700* 10,400* 10,400* 10,400* 9,800* 9,800* 9,800* 9,800* 9,800*	110.8 120.0 140.0 160.0 170.0 180.0 200.0 210.0	300 Boom Angle (deg.) 80.0 78.3 76.5 74.6 72.7 70.8 68.8 66.8	9,400 9,100 9,100 9,000 8,700 8,200 8,100 7,900 7,400
10.00 10	240 100 Boom Angle (deg.) 79.0 76.9 75.9 74.8 72.7 71.6 69.4 67.2 66.0 62.7 60.3 62.7 60.3 65.4 52.9	7 Eoo 40 to 20 fiset Al Load (lbs) 58,200° 56,200° 56,200° 54,200° 52,500° 51,000 42,400 37,100 32,500 28,500 25,000 19,600 17,100	72.1 75.0 80.0 85.0 99.0 120.0 140.0 150.0 170.0 180.0 180.0 180.0 170.0 180.0	80.0 79.4 77.3 76.2 71.8 69.5 67.3 64.9 60.1 67.5 54.9	### Rated Load (lbs) 42,100° 41,800° 41,300° 41,000° 40,500° 33,800° 33,600° 29,800° 26,100° 20,400° 18,000°	Load Padius (ft) (70.0 75.0 80.0 85.0 90.0 110.0 120.0 150.0 150.0 180.0 190.0	70.5 80.0 79.4 78.5 77.5 76.5 74.5 74.5 63.1 60.9 63.1 60.9 64.0	80 f Diffset Ai Pared Load (lbs) 46,500° 45,900° 44,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 40,600° 37,600° 33,600° 29,600° 20,400° 18,100° 18,100° 16,100°	85.3 90.0 95.0 110.0 120.0 130.0 150.0 180.0 190	80.0 79.0 77.0 74.9 72.8 70.7 66.3 66.3 66.1 66.3 65.4	29,700° 29,700° 29,700° 29,600° 29,600° 28,000° 26,000° 25,000° 24,300° 24,300° 17,600	Load Radius (ft) 73.8 75.0 86.0 95.0 110.0 120.0 140.0 150.0 150.0 190.0 200.0	70.0 100 Boom Angle (deg.) 80.0 79.8 78.9 78.0 77.1 76.1 75.2 73.3 71.4 69.5 67.5 66.6 63.5 69.4 67.2 55.0	80 f Diffset Ai Pated Load (fbs) 26,600° 26,500° 25,800° 24,800° 24,400° 24,000° 21,000° 21,000° 21,000° 19,600° 19,600° 19,600° 19,600° 19,600° 19,600° 19,600° 19,000° 19,000° 17,200° 15,500°	98.0 100.0 110.0 10.0	80.0 77.7 75.7 73.8 71.8 69.7 66.6 66.3 61.1 58.8	7,800° 17,800° 17,500° 17,500° 16,600° 16,600° 15,300° 15,000° 14,600° 14,400°	Load Padius (ft) 80.7 85.0 90.0 95.0 100.0 120.0 140.0 150.0 160.0 170.0 120.0	70.0 Boom Angle (deg.) 80.0 79.3 78.4 77.5 76.7 74.9 773.1 71.3 69.5 67.7 65.8 63.9 62.0 60.0 65.9 955.3 78.7 65.9 53.7	700 78set A/ Rated Load (fbs) 14,700* 14,300* 14,000* 13,700* 12,800* 12,200* 11,700* 11,300* 10,400* 10,400* 9,800* 9,400* 9,400* 9,100* 8,800* 8,700*	110.8 120.0 140.0 160.0 190.0 220.0 220.0	80.0 76.5 8.8 86.8 66.8 66.4 62.6 60.5 58.3	9,400 9,100 9,000 8,700 8,700 7,700 7,700 7,300
(nad adius (ft) 60.4 65.0 70.0 75.0 80.0 90.0 110.0 120.0 130.0 160.0 170.0 180.0 190.0 190.0	240 100 100 100 100 100 100 100 1	Pated Load (lbs) 58,200° 57,200° 56,200° 54,200° 51,000° 51,000° 51,000° 52,500° 25,50	72.1 75.0 80.0 86.0 90.0 120.0 130.0 150.0 160.0 180.0 190.0	80.0 79.4 77.3 76.2 71.8 69.5 67.3 64.9 62.5 60.1 67.5 54.9 62.2	### Rated Load (lbs) 42,100° 41,800° 41,300° 40,500° 33,800° 33,500° 29,800° 26,100° 22,100° 20,400° 18,000° 15,900°	Load Padius (ff) 67.3 70.0 75.0 80.0 85.0 95.0 110.0 120.0 130.0 140.0 150.0 180.0 190.0 200.0	700 Boom Angle (deg.) 88.0 79.4 78.5 77.5 76.5 74.5 74.5 67.4 65.3 63.1 60.9 66.4 65.1 60.9 61.5	Rated Load (lbs) 46,500° 44,800° 43,000° 42,200° 43,000° 37,500° 33,600 29,600 20,400 16,100 14,200	85.3 90.0 95.0 110.0 120.0 130.0 140.0 150.0 180.0 190.0 200.0	80.0 79.0 78.0 74.9 72.8 70.7 66.3 64.1 61.8 65.4 57.0 54.4	29,700* 29,700* 29,600* 29,600* 28,700* 26,000* 24,300* 24,300* 11,600 15,700	Rece Load Redius (t) 73.8 76.0 80.0 95.0 100.0 110.0 120.0 140.0 150.0 170.0 180.0 200.0 210.0 210.0 210.0	70.0 70.0 80.0 79.8 78.9 78.0 77.1 76.1 75.2 77.3 71.4 69.6 67.5 66.6 63.5 61.5 67.2 55.0 52.7	80 f Diffset Ai Pated Load (fbs) 26,600° 26,500° 25,800° 24,800° 24,400° 24,900° 21,000° 21,000° 20,300° 19,600° 19,600° 19,600° 17,200° 13,800° 13,800°	98.0 100.0 110.0 120.0 130.0 160.0 170.0 180.0 190.0 200.0 210.0	80.0 79.6 77.7 73.8 89.7 67.6 66.6 66.6 66.3 61.1 58.8 66.4	7,800° 17,500° 17,500° 16,600° 16,600° 15,300° 15,000° 14,600° 14,600° 14,200° 13,800°	Load Padius (ft) 80.7 85.0 90.0 95.0 100.0 120.0 120.0 140.0 150.0 170.0 190.0 220.0 220.0 220.0 230.0	70 800m Angle (deg.) 79.3 78.4 77.5 76.7 74.9 73.1 71.3 69.5 67.7 65.8 63.9 62.0 60.0 60.0 60.0 65.7 65.9	700 76set A/ Rated Load (fbs) 14,700* 14,900* 14,900* 12,800* 12,800* 11,700* 11,300* 10,400* 10,400* 10,400* 9,800* 9,800* 9,800* 9,800* 9,800* 9,700* 8,800* 8,700* 8,300*	110.8 120.0 140.0 160.0 180.0 190.0 220.0 230.0	80.0 74.6 72.7 70.8 68.8 66.8 64.7 62.6 60.5 58.3 56.0	9,400 9,100 9,000 8,700 8,700 7,700 7,700 7,200
(coad ladius (ft) 60.4 65.0 70.0 75.0 80.0 85.0 90.0 110.0 120.0 130.0 150.0 160.0 170.0 180.0 190.0 200.0	240 (0 10 80.00 79.0 78.0 76.9 74.8 73.8 72.7 71.6 69.4 67.2 60.3 57.9 65.4 55.4 56.0 62.7 60.3 57.9 60.2 47.4	7 Eoo 40 to 20 fiset Al Load (lbs) 58,200° 56,200° 56,200° 54,200° 52,500° 51,000 42,400 37,100 32,500 28,500 25,000 19,600 17,100	72.1 75.0 80.0 85.0 99.0 120.0 140.0 150.0 170.0 180.0 180.0 180.0 170.0 180.0	80.0 79.4 77.3 76.2 71.8 69.5 67.3 64.9 60.1 67.5 54.9	### Rated Load (lbs) 42,100° 41,800° 41,300° 41,000° 40,500° 33,800° 33,600° 29,800° 26,100° 20,400° 18,000°	Load Padius (ft) (70.0 75.0 80.0 85.0 90.0 110.0 120.0 150.0 150.0 180.0 190.0	70.5 80.0 79.4 78.5 77.5 76.5 74.5 74.5 63.1 60.9 63.1 60.9 64.0	80 f Diffset Ai Pared Load (lbs) 46,500° 45,900° 44,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 40,600° 37,600° 33,600° 29,600° 20,400° 18,100° 18,100° 16,100°	85.3 90.0 95.0 110.0 120.0 130.0 150.0 180.0 190	80.0 79.0 77.0 74.9 72.8 70.7 66.3 66.3 66.1 66.3 65.4	29,700° 29,700° 29,700° 29,600° 29,600° 28,000° 26,000° 25,000° 24,300° 24,300° 17,600	Load Radius (ft) 73.8 75.0 86.0 95.0 110.0 120.0 140.0 150.0 150.0 190.0 200.0	70.0 100 Boom Angle (deg.) 80.0 79.8 78.9 78.0 77.1 76.1 75.2 73.3 71.4 69.5 67.5 66.6 63.5 69.4 67.2 55.0	80 f Diffset Ai Pated Load (fbs) 26,600° 26,500° 25,800° 24,800° 24,400° 24,000° 21,000° 21,000° 21,000° 19,600° 19,600° 19,600° 19,600° 19,600° 19,600° 19,600° 19,000° 19,000° 17,200° 15,500°	98.0 100.0 110.0 10.0	80.0 77.7 75.7 73.8 71.8 69.7 66.6 66.3 61.1 58.8	7,800° 17,800° 17,500° 17,500° 16,600° 16,600° 15,300° 15,000° 14,600° 14,400°	Load Padius (ft) 80.7 85.0 90.0 95.0 100.0 120.0 140.0 150.0 160.0 170.0 120.0	70.0 Boom Angle (deg.) 80.0 79.3 78.4 77.5 76.7 74.9 773.1 71.3 69.5 67.7 65.8 63.9 62.0 60.0 65.9 955.3 78.7 65.9 53.7	700 78set A/ Rated Load (fbs) 14,700* 14,300* 14,000* 13,700* 12,800* 12,200* 11,700* 11,300* 10,400* 10,400* 9,800* 9,400* 9,400* 9,100* 8,800* 8,700*	110.8 120.0 140.0 160.0 190.0 220.0 220.0	80.0 76.5 8.8 86.8 66.8 66.4 62.6 60.5 58.3	9,400 9,100 9,000 8,700 8,700 7,700 7,700 7,200 7,200
76.0 76.0 86.0 90.0 95.0 100.0 110.0 120.0 140.0 160.0 160.0 180.0 190.0 190.0 190.0 190.0 190.0 190.0 190.0	240 60 10 80.00 79.0 78.0 76.9 75.9 75.9 75.9 75.8 72.7 71.6 69.4 67.2 60.3 57.9 65.4 52.9 60.3 60.4 60.4 60.0	740 to 20 to	Toda Load Radius (ft) 72.1 76.0 80.0 96.0 110.0 120.0 110.0 150.0 170.0 180.0 170.0 190.0 220.0 220.0	80.0 79.4 78.4 78.4 76.2 76.1 74.0 71.8 69.5 69.5 60.1 67.5 60.1 67.5 64.9 62.5 60.1 62.2 46.4 43.2	Fated Load (lbs) 42,100° 41,800° 41,800° 41,000° 39,800° 37,200° 33,900° 26,100° 23,100° 20,400° 15,900° 14,000° 15,900° 10,7	Load Radius (ff) 67.3 70.0 75.0 80.0 85.0 95.0 100.0 110.0 150.0 160.0 170.0 180.0 190.0 200.0 220.0 230.0	70 Boom 80.0 79.4 78.5 77.5 76.5 74.5 73.5 71.5 69.6 67.4 66.3 1 60.9 58.7 66.4 54.0 61.9 46.3 43.6	## Pared Load (Ibs) 46,500° 45,900° 43,800° 43,800° 44,800° 44,200° 41,300° 40,600° 39,200° 37,600° 29,600° 20,400° 18,100° 14,200° 14,200° 14,200° 19,800° 11,200° 9,800° 11,200° 9,800° 11,2	85.3 90.0 95.0 110.0 120.0 150.0 170.0 180.0 190.0 200.0 220.0 230.0	80.0 77.0 74.9 72.8 66.3 64.1 61.8 69.4 57.0 54.4 45.7 46.1	29,700° 29,700° 29,700° 29,600° 29,600° 28,700° 28,000° 27,000° 26,000° 24,300° 22,400° 19,800 17,600 15,700 13,800 10,900	Ree Load Redius (ft) 73.8 75.0 80.0 85.0 90.0 110.0 120.0 140.0 170.0 180.0 170.0 190.0 200.0 210.0 220.0 230.0 240.0	70.0 80.0 79.8 80.0 79.8 78.9 78.0 77.1 75.2 73.3 71.4 69.6 67.5 66.5 66.5 66.5 66.5 61.6 59.4 47.2 55.0 47.9 45.3	80 f Dffset Al Pated Load (fbs) 26,600° 26,500° 25,800° 24,800° 24,400° 24,000° 21,600° 21,600° 19,600° 19,600° 17,200° 15,500° 13,800° 13,800° 10,900° 9,700°	98.0 100.0 110.0 120.0 150.0 190.0 220.0 220.0 240.0	80.0 77.6 77.7 73.8 71.9 66.6 63.3 61.1 58.8 66.4 64.0 61.4 48.7	17,800° 17,500° 17,500° 17,500° 16,600° 16,600° 16,600° 14,600° 14,800° 14,800° 13,800° 13,400° 12,000 10,700	Load Radius (ii) 80.7 85.0 90.0 95.0 100.0 120.0 140.0 150.0 190.0 200.0 210.0 220.0 230.0 240.0 250.0 260.0	70 Boom Angle (deg.) 80.0 79.3 78.4 777.5 76.7 74.9 73.1 71.3 69.5 67.7 65.8 63.0 60.0 57.9 65.9 53.7 51.5 44.4	700 78ted Al Coad (lbs) 14,700* 14,300* 14,000* 13,700* 12,800* 12,200* 11,700* 11,300* 10,400* 10,400* 10,400* 10,400* 9,800* 9,400* 9,100* 8,200* 7,500* 8,200* 7,600*	110.8 120.0 130.0 140.0 150.0 120.0 220.0 220.0 220.0 260.0 260.0 260.0	80.0 78.3 76.5 74.6 60.5 58.3 66.8 61.1 48.4	9,400 9,100 9,000 8,700 8,400 8,200 7,700 7,600 7,200 7,000 7,000 7,000
(ft) 60.4 76.0 86.0 76.0 96.0 91.0 91.0 110.0 11	240 (0 10 80.00 79.0 78.0 76.9 75.9 75.9 75.9 75.8 72.7 71.6 69.4 67.2 60.3 57.9 65.4 52.9 60.2 44.6 41.5 38.2	740 to 20 to	Toda (ft) Load Radius (ft) 72.1 75.0 80.0 95.0 100.0 110.0 150.0 170.0 180.0 170.0 190.0 200.0 220.0 230.0	80.0 79.4 (deg.) 80.0 79.4 78.4 78.4 74.0 71.8 69.5 60.1 67.5 54.9 62.5 60.1 67.5 53.8 46.4 43.2 39.8	Pated Load (lbs) 42,100° 41,800° 41,900° 41,000° 39,800° 37,200° 33,900° 26,100° 29,800° 20,400° 18,000° 14,000° 14,000° 9,200° 9,200° 1,000° 9,200° 1,000° 1,000° 9,200° 1,000°	Load Radius (ft) 67.3 70.0 75.0 80.0 85.0 100.0 110.0 120.0 120.0 120.0 120.0 120.0 220.0 220.0 220.0 240.0	70 Boom 80.0 79.4 78.5 77.5 76.5 74.5 76.5 69.6 67.4 65.3 160.9 58.7 66.4 54.0 640.6 40.6	60 f Diffset Ai Pated Load (ibs) 46,500° 45,900° 43,800° 43,800° 43,800° 44,800° 43,900° 37,600° 39,200° 37,600° 29,600° 29,600° 18,100° 16,100° 14,200° 11,200° 9,800° 8,600°	85.3 90.0 95.0 110.0 120.0 170.0 180.0 170.0 220.0 220.0 220.0 240.0	80.0 79.0 79.0 77.0 74.9 72.8 66.3 66.1 61.8 59.4 57.0 54.4 51.8 46.1 43.0	29,700° 29,700° 29,700° 29,600° 28,700° 28,000° 27,000° 25,000° 24,300° 22,400° 13,800 17,600 13,800 12,300 10,900 9,600	Ree Load Redius (ft) 73.8 75.0 80.0 85.0 90.0 110.0 120.0 140.0 170.0 180.0 190.0 210.0 220.0 230.0 240.0 250.0	70.0 80.0 79.8 80.0 79.8 78.9 78.0 77.1 75.2 73.3 71.4 69.6 67.5 66.5 66.5 66.5 66.5 65.5 65.5 65.5 65.5 65.5 65.0 45.0	80 f Diffset Al Pated Load (fbs) 26,600° 26,500° 25,800° 24,800° 24,400° 24,000° 23,200° 21,900° 20,300° 19,600° 19,600° 17,200° 13,800° 12,300° 12,300° 12,300° 12,300° 12,300° 8,600° 10,900° 9,700° 8,600° 8,600° 8,600° 8,600° 10,900° 9,700° 8,60	98.0 100.0 110.0 120.0 130.0 140.0 150.0 190.0 200.0 210.0 220.0 240.0 250.0	80.0 77.6 66.6 63.3 61.1 58.8 66.4 54.0 48.7 45.9	77,800° 17,800° 17,500° 17,500° 16,600° 16,600° 16,000° 14,600° 14,200° 13,800° 14,200° 13,400° 12,000 10,700 9,300	Load Radius (tt) 80.7 85.0 90.0 95.0 100.0 120.0 140.0 150.0 190.0 220.0 220.0 220.0 220.0 250.0 260.0 270.0	70 Boom Report R	7,500* 7,500* 7,500* 7,500* 7,500* 7,500* 7,500* 7,500* 7,100* 7,500* 7,100*	110.8 120.0 130.0 140.0 150.0 190.0 220.0 220.0 220.0 260.0 270.0 270.0	80.0 80.0 72.7 70.8 68.8 64.7 62.6 60.5 58.3 66.0 61.1 48.4 445.7	9,40 9,10 9,10 9,00 8,70 8,70 7,70 7,70 7,20 7,20 7,20 7,00 7,00
(coad eadlus (ft) 60.4 65.0 70.0 75.0 80.0 96.0 100.0 120.0 120.0 150.0 150.0 220.0 220.0 220.0 2240.0	240 (68) 80,00 79,0 78,0 76,9 75,9 74,8 72,7 71,6 69,4 67,2 66,0 69,4 67,2 66,3 66,2 66,3 66,2 66,3 66,2 66,3 66,2 66,3	## Act ## Act	72.1 75.0 80.0 95.0 100.0 120.	80.0 79.4 77.3 76.2 76.1 74.0 69.5 60.1 67.5 54.9 62.2 49.3 36.0	### Rated Load (lbs) 42,100° 41,800° 41,900° 41,900° 33,900° 33,900° 29,800 20,400 18,000 16,900 12,300 12,300 12,300 7,800 7,800	Load Padius (ft) 67.3 70.0 75.0 80.0 85.0 90.0 995.0 110.0 120.0 150.0 170.0 200.0 220.0 220.0 220.0 220.0 225.0 250.0	70.5 80.0 79.4 78.5 76.5 76.5 74.5 69.6 67.4 65.3 60.9 58.7 66.4 64.0 64.0 64.3 64.0 64.3 64.0 63.7 64.0 65.3	80 f Diffset Ai Pared Load (lbs) 46,500° 46,900° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 43,800° 39,200° 37,500° 33,600 26,100 26,100 16,100 14,200 11,200 11,200 9,800 8,600 7,400	85.3 90.0 95.0 110.0 120.0 170.0 180.0 170.0 220.0 220.0 220.0 250.0 250.0	80.0 79.0 77.0 74.9 72.8 70.7 68.6 66.3 66.3 66.3 65.4 57.0 54.4 57.0 54.4 57.0 54.4 57.0 54.4 57.0 54.4 57.0 54.4 57.0 54.4 57.0 54.4 57.0 54.4 57.0 54.4 57.0 54.4 57.0 54.4 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57.0	29,700* 29,700* 29,600* 29,600* 28,700* 26,000* 25,000* 24,300* 24,300* 17,600 11,600 11,600 12,300 12,300 12,300 12,300 8,200	Load Redius (ft) 73.8 76.0 80.0 95.0 110.0 120.0 140.0 150.0 140.0 170.0 180.0 200.0 210.0 220.0 220.0 230.0 226.0 260.0	70.0 80.0 79.8 80.0 79.8 78.9 76.1 76.1 75.2 75.2 71.4 69.6 67.5 66.6 61.6 67.5 65.0 62.7 50.0 47.9 47.9 47.9 47.9 47.9 47.9 47.9 47.9 47.9 47.9 47.9 47.9 47.9	80 f Diffset Ai Pated Load (fbs) 26,600° 26,500° 25,800° 24,800° 24,400° 24,000° 23,200° 21,000° 20,300° 21,000° 19,600° 19,600° 17,200° 13,800 12,300° 12,300° 13,800 12,300° 13,800 12,500° 13,800 10,900 9,700 8,500 7,500°	98.0 100.0 110.0 120.0 130.0 140.0 150.0 190.0 200.0 220.0 230.0 250.0 260.0	80.0 77.7 75.7 75.7 75.8 71.8 65.6 66.3 61.1 58.8 66.4 44.9 44.9 42.8	7,800° 17,800° 17,500° 17,500° 16,600° 16,600° 15,300° 16,000° 14,300° 14,200° 13,800° 13,400° 12,000° 9,300 8,100	Load Radius (tt) 80.7 85.0 90.0 95.0 100.0 120.0 120.0 120.0 220.0	70 Boom 60 Boom 79.3 78.4 77.5 76.7 74.9 77.1 3 69.5 67.7 65.8 63.9 65.9 65.9 65.9 65.9 44.4 44.8 39.0	7,00° 7,00° 14,700° 14,700° 14,700° 14,700° 13,700° 13,700° 13,700° 13,700° 10,400° 10,400° 10,400° 10,400° 9,400° 9,400° 9,400° 9,100° 8,800° 8,200° 7,900° 7,500° 7,100° 6,100	110.8 120.0 140.0 160.0 170.0 180.0 220.0	80.0 78.3 76.5 74.6 72.7 70.8 68.8 64.7 62.6 60.5 53.6 65.0 53.6 14.4 45.7 42.7	9,400 9,100 9,000 8,700 8,700 7,700 7,200 7,200 7,000 6,50
76.0 76.0 96.0 96.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1	240 (b) Boom Angle (deg.) (de	740 to 20 to	Toda (ft) Load Radius (ft) 72.1 75.0 80.0 95.0 100.0 110.0 150.0 170.0 180.0 170.0 190.0 200.0 220.0 230.0	80.0 79.4 77.3 76.2 74.0 69.5 67.3 64.9 62.2 49.3 46.4 3.2 39.8 36.0 31.9	Pated Load (lbs) 42,100° 41,800° 41,900° 41,000° 39,800° 37,200° 33,900° 26,100° 29,800° 20,400° 18,000° 14,000° 14,000° 9,200° 9,200° 1,000° 9,200° 1,000° 1,000° 9,200° 1,000°	Load Radius (fi) 67.3 70.0 75.0 80.0 85.0 95.0 100.0 110.0 120.0 120.0 120.0 120.0 120.0 220.0 220.0 220.0 220.0 220.0 220.0 220.0 270.0 270.0	70.5 80.0 79.4 78.5 77.5 76.6 74.5 76.6 67.4 66.3 63.1 60.9 58.7 66.4 05.6 40.6 40.6 40.6 40.6 37.4 37.4 030.2	## Rated Load (lbs) 46,500° 45,900° 43,800° 44,800° 43,000° 44,800° 37,500° 33,600° 26,100° 23,100° 20,400° 18,100° 11,200° 9,800° 2,500° 8,600° 7,400° 6,400° 5,500° 5,500° 11,000° 1,0	85.3 90.0 95.0 110.0 120.0 130.0 150.0 220.0 220.0 220.0 270	80.0 79.0 78.0 77.0 78.0 77.0 76.6 66.3 64.1 61.8 69.4 451.8 49.0 46.1 43.0 39.7 36.0 31.9	29,700° 29,700° 29,700° 29,700° 29,600° 28,700° 28,000° 26,000° 25,000° 24,300° 17,600 13,800 12,300 10,900 9,600 8,200 7,000 6,000	Rece Load Redius (ft) 73.8 75.0 80.0 95.0 100.0 110.0 120.0 150.0 170.0 120.0 220.	78.0 78.9 78.9 78.0 77.1 76.1 75.2 73.3 71.4 69.6 61.6 63.5 61.6 63.5 61.6 63.5 61.6 63.5 63.5 63.5 63.3 63.3 63.3 63.3 63	80 f Diffset Al Pated Load (fbs) 26,600° 26,500° 25,800° 24,800° 24,400° 24,000° 23,200° 21,900° 20,300° 19,600° 19,600° 17,200° 13,800° 12,300° 12,300° 12,300° 12,300° 12,300° 8,600° 10,900° 9,700° 8,600° 8,600° 8,600° 8,600° 10,900° 9,700° 8,60	98.0 100.0 110.0 120.0 1	80.0 79.6 77.7 75.7 77.8 67.6 66.6 63.3 61.1 54.0 54.0 61.4 48.7 45.9 36.0	77,800° 17,800° 17,500° 17,500° 16,600° 16,600° 16,000° 14,600° 14,200° 13,800° 14,200° 13,400° 12,000 10,700 9,300	Load Radius (tt) 80.7 85.0 90.0 95.0 100.0 120.0 140.0 150.0 190.0 220.0 220.0 220.0 220.0 250.0 260.0 270.0	70 Boom Report R	700 784ed Load (lbs) 14,700* 14,300* 14,000* 13,500* 12,800* 12,200* 11,700* 10,400* 10,400* 10,400* 10,400* 9,100* 8,800* 9,100* 8,800* 9,100* 8,000* 7,500* 7,500* 7,500* 7,500* 7,100* 6,100 4,300 4,300	110.8 120.0 130.0 140.0 150.0 190.0 220.0 220.0 220.0 260.0 270.0 270.0	80.0 80.0 72.7 70.8 68.8 64.7 62.6 60.5 58.3 66.0 61.1 48.4 445.7	9,400 9,100 9,100 8,700 8,700 7,700 7,200 7,000 7,000 7,000 5,800 5,100
0ad adius (ft) 60.4 70.0 75.0 80.0 85.0 90.0 90.0 60.0 70.0 80.0 90.0 90.0 90.0 90.0 90.0 90.0 9	240 (b) Boom Angle (deg.) (de	7,700 6,500 7,700 6,500 7,700 6,500 7,900 6,500 7,900	72.1 75.0 80.0 85.0 99.0 120.0 120.0 150.0 190.0 220.0 220.0 220.0 220.0 220.0 220.0 250.0 120.0	80.0 79.4 77.3 76.2 74.0 69.5 67.3 64.9 62.2 49.3 46.4 3.2 39.8 36.0 31.9	### Rated Load (lbs) 42,100° 41,800° 41,900° 41,300° 40,500° 38,900° 37,200° 35,900 26,100 20,400 18,000 15,900 10,700 9,200 7,800 6,700	Load Padius (ff) 67.3 70.0 75.0 80.0 85.0 90.0 10.0 120.0 150.0 150.0 200.0 220.0 220.0 220.0 240.0 250.0 260.0	70.5 80.0 79.4 78.5 77.5 76.6 74.5 76.6 67.4 66.3 63.1 60.9 58.7 66.4 05.6 40.6 40.6 40.6 40.6 37.4 37.4 030.2	80 f Diffset Ai Rated Load (lbs) 46,500° 46,900° 43,800° 44,800° 44,800° 41,300° 40,600° 37,600° 23,100° 20,400 14,200 12,500 11,200 9,800 8,600 7,400 6,400 6,400	85.3 90.0 95.0 110.0 120.0 130.0 190.0 220.0 220.0 220.0 250.0 260.0	80.0 79.0 78.0 77.0 78.0 77.0 76.6 66.3 64.1 61.8 69.4 451.8 49.0 46.1 43.0 39.7 36.0 31.9	29,700° 29,700° 29,700° 29,600° 29,600° 28,700° 25,000° 25,000° 24,300° 24,300° 17,600 15,700 12,300 12,300 12,300 12,300 7,000	Rece Load Redius (t) 73.8 76.0 86.0 95.0 100.0 110.0 120.0 140.0 150.0 170.0 180.0 200.0 210.0 220.0 240.0 240.0 240.0 240.0 240.0 270.0	70.0 80.0 79.8 78.9 78.0 77.1 76.1 75.2 75.3 71.4 69.5 67.5 66.6 63.5 61.5 65.0 62.7 50.3 47.9	80 f Diffset Ai Pated Load (fbs) 26,600° 26,500° 25,800° 24,800° 24,400° 24,000° 23,200° 21,000° 20,300° 19,600° 19,600° 17,200° 13,800 12,300 10,900 9,700 8,600 7,500 6,600	98.0 100.0 110.0 120.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0 220.0 220.0 220.0 220.0 270.0	80.0 77.7 75.7 75.7 75.7 75.7 76.6 66.3 61.1 58.8 66.4 54.0 44.9 42.8 39.6	7,800* 17,800* 17,500* 16,600* 16,600* 15,300* 15,000* 14,300* 14,200* 13,800* 12,000 10,700 9,300 8,100 7,100	Load Radius (tl) 80.7 85.0 90.0 95.0 100.0 120.0 140.0 160.0 170.0 220.0	70.0 Boom Report	7,00° 7,500° 7,500° 7,500° 7,500° 7,600° 7,600° 7,100° 8,200° 7,600° 7,600° 7,600° 7,100° 8,100° 8,100° 8,200° 7,600° 7,600° 7,600° 7,600°	110.8 120.0 130.0 140.0 150.0 120.0 220.0	80.0 78.3 76.5 74.6 72.7 62.6 60.5 53.6 51.1 48.4 45.7 335.9 31.9	9,40 9,10 9,10 9,00 8,70 7,70 7,70 7,20 7,20 7,00 6,50 5,80

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes on page 23.

Fixed Jib Lift Capacity (without main hook)

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

		401	t Jb					601	t Jb					801	t Jb					100	ft Jib		
	(Offset A	2,00	dea.)			(Offset A	7,500	dea)			(Offset A	11100	dea.)			(Offset A		dea.)	
,	10			30			10			30	1	-	10		-	30			10		1	30	
Load Padius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Pated 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 Padius (ft)	Boom Angle (deg.)	Pated Load (lbs)	Load Padius (ft)	Boom Angle (deg.)	Pated Load (lbs)
62.0 66.0 77.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 140.0 160.0 170.0 200.0 220.0 240.0 260.0 260.0	80.0 79.4 78.4 77.4 76.4 74.3 73.3 72.3 70.2 66.0 66.0 68.0 68.0 68.1 69.1 49.3 46.6 43.7 40.7 30.2 30.0	58,200** 57,600* 56,600* 55,600* 55,600* 53,800* 53,800* 60,300 44,100 31,800 27,800 24,300 21,300 18,800 11,000 19,500 11,000 9,500 8,100 6,900 5,800 4,800 4,800	74.1 75.0 80.0 96.0 96.0 110.0 120.0 140.0 160.0 170.0 190.0 200.0 220.0 240.0 240.0 260.0 260.0 260.0 262.7	80.0 79.8 78.8 76.7 76.7 76.7 70.3 68.1 65.9 63.6 61.2 68.8 51.1 48.4 45.4 36.3 36.3 31.2 30.0	42,100* 42,000* 41,200* 41,200* 40,700* 40,100* 39,400* 37,700* 36,300 29,100 26,600 22,400 19,700 11,400 16,200 13,300 11,600 9,900 7,300 6,100 5,000 4,800	68.9 70.0 75.0 80.0 85.0 95.0 100.0 110.0 120.0 150.0 170.0 200.0 220.0 220.0 220.0 220.0 270.0 270.0 270.0 270.0	80,0 79,8 78,8 77,9 76,9 75,0 75,0 75,0 74,1 72,1 70,2 66,1 64,1 62,0 59,8 67,6 53,0 50,6 48,1 45,5 42,8 33,4 33,4 30,0	46,500* 46,200* 45,200* 44,300* 43,400* 41,800* 41,800* 37,600* 37,600* 32,900 25,400 22,400 19,700 17,500 11,900 10,400 9,000 7,800 6,700 6,700 4,700 3,900	86.9 90.0 95.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 200.0 210.0 220.0 220.0 250.0 250.0 280.0 280.0 282.8	80.0 79.4 78.4 77.4 75.4 75.4 75.4 76.3 67.2 65.1 62.8 60.6 60.6 60.8 48.1 42.2 38.9 35.3 35.3 35.3	29,700* 29,700* 29,400* 28,300* 27,200* 26,200* 25,400* 21,700* 13,400 11,700 13,400 11,700 10,300 7,600 6,600 5,400 4,400 4,100	75.8 80.0 95.0 95.0 110.0 120.0 130.0 140.0 170.0 180.0 170.0 200.0 220.0 230.0 240.0 250.0 270.0 290.0 290.0 297.9	80.0 79.2 78.3 77.5 76.6 72.0 70.1 68.3 72.0 70.1 68.3 66.4 62.4 60.4 62.4 60.4 44.6 49.5 47.1 44.6 36.1 36.1 32.9 30.0	26,400° 26,100° 25,600° 25,600° 24,700° 24,300° 23,400° 21,900° 19,800° 19,800° 16,800° 14,900 11,600 10,300 9,000 7,800 6,800 4,900 4,100 3,300	99.7 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 200.0 220.0 230.0 240.0 270.0 270.0 270.0 290.0 270.0 300.0 300.0 300.0 300.0	80.0 79.9 78.1 76.2 74.3 72.4 66.4 66.4 64.3 62.2 65.7 65.6 47.8 35.8 35.3 33.3 30.0	17,600° 17,800° 17,200° 16,800° 16,300° 15,600° 15,600° 14,700° 14,700° 14,200° 14,100° 12,900 11,400 10,000 7,600 6,500 5,600 4,500 3,600 3,300	82,7 85,0 90,0 95,0 110,0 120,0 130,0 140,0 150,0 170,0 180,0 190,0 220,0 240,0 220,0 240,0 220,0 280,0 280,0 290,0 300,0 316,0 316,9	80.0 79.6 78.8 77.9 77.1 76.4 73.6 71.9 70.1 68.4 60.9 59.0 62.8 60.9 59.0 62.9 50.7 48.5 46.1 38.4 35.5 32.3 30.0	14,700* 14,500* 14,200* 13,800* 13,800* 13,900* 11,900* 11,500* 11,900* 11,000* 10,700* 10,700* 9,800* 9,700* 9,800* 8,70	112.5 120.0 130.0 140.0 150.0 170.0 180.0 200.0 220.0 220.0 220.0 220.0 280.0 280.0 280.0 300.0 300.0 330.0	80.0 78.7 76.9 75.1 73.3 69.5 67.6 65.6 63.6 61.5 54.9 52.6 54.9 44.8 41.9 38.7 35.2 31.2	9,400° 9,200° 9,000° 8,700° 8,600° 7,700° 7,400° 7,200° 7,200° 7,200° 7,000° 6,300° 6,300° 6,300° 3,800 3,800
	eves	2	Ree		2	Ree		2	Ree	=	1	Ree		1	Ree	The same	1	-000	ves	-40000	322.8	30.0 ves	2,800

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

Clamshell

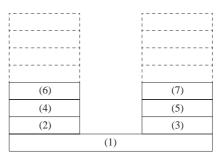
- 1. Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or de-rate rated loads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

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

Maximum Load Per Line

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

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



COUNTERWEIGHTS



CARBODY WEIGHTS

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

Clamshell

Boom:

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

Basic boom length: 50 ft (15.2 m) Max. boom length: 120 ft (36.6 m)

Limit on clamshell bucket weight: 4,600 lbs (2,100 kg) Optional tagline: Hydraulic operated type and spring type.

Boom Component Chart:

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

Base = Boom Base Insert : A = 10 ft (3.05 m)B = 20 ft (6.10 m)C = 40 ft (12.2 m)

Tip = Boom Tip

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

Counterweights: 105,570 lbs Without carbody weights

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

Clamshell

Counterweights: 105,570 lbs Without carbody weights

80)' Boo	m	90)' Boo	m	10	0' Boo	om
Load Padius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Padius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0	66.3 64.7 60.7 56.4 52.0 47.2 42.0 36.2	29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 29,500 *	45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	64.2 60.6 56.8 52.9 48.7 44.3 39.4 34.0	29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 29,500 *	50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	63.8 60.5 57.2 53.7 50.0 46.1 41.9 37.3 32.2	29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 29,500 *
Load Padius		360° Rated Load	Load Radius	0' Boom Angle	360° Rated Load			
(ft) 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0	66.4 63.5 60.5 57.4 54.3 50.9 47.5 43.8 39.8 35.5 30.6	(lbs) 29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 27,700 25,700	(ft) 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 105.0	65.8 63.2 60.5 57.6 54.8 51.7 48.6 45.3 41.8 38.0 33.9	(/bs) 29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 29,500 * 27,900 25,700 23,800			

- Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or de-rate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, multiple machine lifts, and traveling with a load).
- 2. Rated loads do not exceed 75% of minimum tipping loads. Rated loads based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
- 3. The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.
- Machine shall be positively secured to prevent shifting.
- Boom backstops are required for all boom length.
- Gantry must be fully raised position for all operations.
- Must have 200,650 lbs (15) Counterweights fully installed.
- Must have 60,240 lbs (4) Carbody weights fully installed.
- 4. Do not attempt to lift where no radius on load is listed as crane may tip or collapse.
- 5. Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine rated loads.
- 6. Weight of hooks, hook blocks, slings and other lifting devices are a part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.
- 7. When lifting over boom point with jib or auxiliary sheave, rated loads for the boom must be deducted as shown below.

Jib Length	Aux Sheave	40 ft	60 ft	80 ft	100 ft
Deduct (lbs)	700		Not Ap	plicable	

- 8. To install the jib is prohibited when the machine is on a barge.
- 9. 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.

- 10. Boom lengths that can attach auxiliary sheave are from 50 ft (15.2 m) to 290 ft (88.4 m).
- 11. The boom should be erected over the front of the crawlers, not laterally.
- 12. Least stable position is over the side.
- 13. 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

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

MARNING

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.

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

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

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

		50	Boor 'B	n				60	Boor	n				70	' Boor	n		
Record Marchine			3	60° Pated	Load (lb	s)			3	60° Rated	Load (It	os)			3	60° Pated	Load (It	os)
	adius	Angle	Machine	Machine	Machine	Machine	Padius	Angle	Machine	Machine	Machine	Machine	Padius	Angle	Machine	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List
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26.0 63.3 25.300 * 325.300 * 325.300 * 27.1400 * 28.0 68.4 302.900 * 298.000 * 298.000 * 216.900 * 32.0 68.1 265.000 * 24.000 23.0 68.1 267.000 * 24.000 23.0 68.1 267.000 * 24.0 24.000	17.25				22007.00	272:100 *	200	0.7			.0.37	219.100 ×			1	269,100	228,200	182,50
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Real	32,0		266,300 *	256,200	G-004-3514	234,100	34.0		247,900	224,600	215,900	207,200	38.0	62.6	211,200	192,400	185,900	175,40
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30.0 72.5 281,600 * 269,400			P1000000000000000000000000000000000000	1000			77.5	7.0		267.000 1			1077	1000		241 100 *		
32.0 71.0 264,600	255		0.0000000000000000000000000000000000000	75.79.00			1000	1000	CT CAN DOTTE				1000	10000	The state of the	241,100 * 237,400 *		
34.0 69.4 247,000 224,800 196,500 155,500 34.0 71.8 243,000 224,600 174,800 36.0 72.5 226,800 207,300 36.0 67.9 229,000 207,600 194,000 153,900 38.0 69.1 210,100 192,200 171,000 135,300 40.0 70.1 194,800 179,400 40.0 64.7 195,000 179,600 173,800 151,100 40.0 67.7 195,000 179,200 167,700 134,100 42.0 68.8 182,800 168,400 61.5 171,100 158,500 153,900 145,900 44.0 64.9 171,000 158,100 148,900 131,300 44.0 66.3 158,800 149,300 149,300 145,200 141,100 46.0 63.5 159,100 148,900 131,300 48.0 65.1 150,600 141,500 133,700 133,700 133,900 48.0 62.0 150,800 141,100 134,900 126,000 50.0 63.8 142,300 133,700 130,300 126,800 50.0 66.0 142,500 133,300 128,800 133,700 130,300 126,800 150,800 141,100 134,900 126,000 50.0 63.8 142,300 133,500 140,300 140,300 126,800 50.0 66.0 142,500 133,300 128,800 133,400 126,800 50.0 60.0 47.1 110,900 105,300 103,100 100,900 60.0 52.9 110,500 144,900 100,100 65.0 53.6 99,000 94,00 99,500 94,100 99,500 94,100 99,500 87,900 88,300 84,200 82,600 75.0 64,200 62.0 176,000 177,000 177,000 177,000 177,000 177,000 177,000 177,000 177,000 177,000 177,000 177,000 177,000 177,000 177,000 177,000 177,000 177,000 177,000 177,000 177,0	5 797			100000	198.800.		127.1		1.00		176.800*	4	2 7 7 7 7	20.54	F 1 - 1 - 1 - 1	224,800		
36.0 67.9 229,000 207,600 194,000 * 153,900 * 36.0 70.5 226,500 207,200 172,800 * 38.0 71.3 210,000 192,380 66.3 211,100 192,600 186,100 152,500 * 38.0 69.1 210,100 192,200 171,000 * 135,300 * 40.0 70.1 194,800 179,400 64.7 195,000 179,600 179,600 173,800 151,100 * 40.0 67.7 195,000 179,200 167,700 134,100 * 42.0 68.8 182,800 168,400 61.5 171,100 158,500 153,900 145,900 44.0 64.9 171,000 158,100 148,900 131,300 * 46.0 66.3 158,800 148,400 59.8 159,300 149,300 145,200 141,100 46.0 63.5 159,100 148,900 141,100 129,000 * 48.0 65.1 150,600 141,400 134,500 133,700 133,700 133,700 133,900 48.0 62.0 150,800 141,100 134,900 126,000 50.0 63.8 142,300 135,500 155.0 60.5 124,600 175,500 175,900 1	200		15.7 W.S. Y.	E 40 E 30	100	155.500*	1.5				14004345		12/00	1000	And the second second	207,400	156,300*	
38.0 66.3 211,100 192,600 186,100 152,500 38.0 69.1 210,100 192,200 171,000 135,300 40.0 70.1 194,800 179,400 179,400 179,600 179,600 179,600 179,600 158,500 151,100 40.0 67.7 195,000 179,200 167,700 134,100 40.0 67.6 170,700 158,400 165.0 171,100 158,500 153,900 145,900 44.0 64.9 171,000 158,100 148,900 131,300 46.0 66.3 158,800 148,400 59.8 159,300 149,300 145,200 141,100 46.0 63.5 159,100 148,900 141,100 129,000 48.0 65.1 150,600 141,48,00 141,500 137,700 133,900 48.0 62.0 150,800 141,100 134,900 126,000 50.0 63.8 142,300 133,500 142,900 133,700 133,700 133,900 48.0 62.0 150,800 141,100 134,900 126,000 50.0 63.8 142,300 135,500 159,900 147,900 115,200 117,900 115,200 117,900 115,200 117,900 115,200 117,900 105,300 103,100 100,900 60.0 52.9 110,500 104,900 102,700 100,100 65.0 53.6 99,000 94,100 92,500 65.0 41.9 99,700 95,600 94,100 92,500 65.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 72.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 72.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 72.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 72.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 72.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 72.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 72.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 72.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 72.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 72.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 72.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 72.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 72.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 72.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 72.0 44.2 90,000 85,700 72.0 44.2 90,000 85,700 72.0 44.2 90,000 85,700 72.0 44.2 90,000 85,700 72.0 44.2 90,000 85,700 72.0 44.2 90,000 85,700 72.0 44.2 90,000 85,700 72.0 44.2 90,000 85,700 72.0 44.2 90,000 85,700 72.0 44.2 90,000 85,700 72.0 44.2 90,000 85,700 72.0 44.2 90,000 85,700 72.0 44.2 90,000 85,700 72.0 44.2 90,000 85,700 72.0 44.2 90,000 85,700 72.0 44			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1000	49 10 10 10 10	2 10 20 20 20 20	10.00		100		Production of the second	-	2000	1000	1.00	192,400	154,700*	
42.0 63.1 183,700 169,000 163,800 148,500 42.0 66.3 183,000 168,600 158,300 132,700 * 44.0 67.6 170,700 158,400 165.5 171,100 158,500 153,900 145,900 44.0 64.9 171,000 158,100 148,900 131,300 * 46.0 66.3 158,800 148,40.5 59.8 159,300 149,300 145,200 141,100 46.0 63.5 159,100 148,900 141,100 129,000 * 48.0 65.1 150,600 141,48.0 58.1 151,100 141,500 137,700 133,900 48.0 62.0 150,800 141,100 134,900 126,000 50.0 63.8 142,300 133,500 56.4 142,900 133,700 130,300 126,800 50.0 60.6 142,500 133,300 128,700 123,000 55.0 60.5 124,600 117,500 158,000 141,100 134,900 126,000 50.0 63.8 142,300 133,500 126,800 50.0 60.6 142,500 133,300 128,700 123,000 55.0 60.5 124,600 117,500 114,800 109,300 60.0 57.1 110,400 104,60.0 47.1 110,900 105,300 103,100 100,900 60.0 52.9 110,500 104,900 102,700 100,100 65.0 53.6 99,000 94,600 90,700 70.0 49.9 89,800 85,700 87,900 87,900 87,900 87,900 87,900 88,300 87,900 88,300 87,500 80.0 41.8 75,000 72,800 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 4	38.0		PY0.767801	100	186,100		38.0	I CAN S	7.0		45.00	135,300 *	40.0	70.1		179,200	152,900 *	119,90
44.0 61.5 171,100 158,500 153,900 145,900 44.0 64.9 171,000 158,100 148,900 131,300* 46.0 66.3 158,800 148,46.0 59.8 159,300 149,300 145,200 141,100 46.0 63.5 159,100 148,900 141,100 129,000* 48.0 65.1 150,600 141,48.0 58.1 151,100 141,500 133,700 133,900 48.0 62.0 150,800 141,100 134,900 126,000 50.0 63.8 142,300 133,500 56.4 142,900 133,700 130,300 126,800 50.0 60.6 142,500 133,300 128,700 123,000 55.0 60.5 124,600 177,55.0 51.9 125,200 117,900 115,200 112,500 55.0 56.8 124,700 117,500 114,800 109,300 60.0 57.1 110,400 104,60.0 47.1 110,900 105,300 103,100 100,900 60.0 52.9 110,500 104,900 102,700 100,100 65.0 53.6 99,000 94,600 95,00 94,100 92,500 65.0 48.7 99,200 94,500 92,600 90,700 70.0 49.9 89,800 85,70.0 36.0 90,500 87,900 87,900 88,300 88,700 82,600 77,100 75,800 80.0 41.8 75,000 72,800 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000 80.0 41.8 75,000	10000		PARS 100				10.500	1.000	100000000000000000000000000000000000000		C. A.C. 31	100000000000000000000000000000000000000		1000	100000000000000000000000000000000000000	168,600	149,400	118,90
46.0 59.8 159,300 149,300 145,200 141,100 46.0 63.5 159,100 148,900 141,100 129,000* 48.0 65.1 150,600 141,48.0 58.1 151,100 141,500 133,700 133,900 48.0 62.0 150,800 141,100 134,900 126,000 50.0 63.8 142,300 133,500 56.4 142,900 133,700 130,300 126,800 50.0 60.6 142,500 133,300 128,700 123,000 55.0 60.5 124,600 117,550 51.9 125,200 117,900 105,300 103,100 100,900 60.0 52.9 110,500 104,900 102,700 100,100 65.0 53.6 99,000 94,600 99,700 70.0 49.9 89,800 85,700 86,300 87,900 86,300 84,700 70.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 78,800 85,000 72,800 72,800 72,600 72,600 71,600 70,600 85.0 32.0 64,200 62.0 62.0 64,200 64,200	100		9718 35 37	1 25 - 11		The second second	77.72	100	to the same of the	Land of	1165 3350	The Second	756	200	The Control	158,100	145,900	117,90
48.0 58.1 151,100 141,500 133,700 133,900 48.0 62.0 150,800 141,100 134,900 126,000 50.0 63.8 142,300 135 50.0 56.4 142,900 133,700 130,300 126,800 50.0 60.6 142,500 133,300 128,700 123,000 55.0 60.5 124,600 117 55.0 51.9 125,200 117,900 115,200 112,500 55.0 56.8 124,700 117,500 114,800 109,300 60.0 57.1 110,400 104 60.0 47.1 110,900 105,300 103,100 100,900 60.0 52.9 110,500 104,900 102,700 100,100 65.0 53.6 99,000 94 65.0 41.9 99,700 95,600 94,100 92,500 65.0 48.7 99,200 94,500 92,600 90,700 70.0 49.9 89,800 85 70.0 36.0 90,500 87,900 86,300 84,700 70.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 78 75.0 39.3 82,100 78,400 77,100 75,800 80.0 41.8 75,000 72 80.0 33.9 75,200 72,600 71,600 70,600 85.0 37.3 69,300 66	0.002		Ch. R 25.	00011610	100000000000000000000000000000000000000		100.000	10.00	200000	100000000000000000000000000000000000000	U. 1905/41	10.0 1000000	F 45.0%	3440	0.5000000000000000000000000000000000000	148,900	140,600	117,10
50.0 56.4 142,900 133,700 130,300 126,800 50.0 60.6 142,500 133,300 128,700 123,000 55.0 60.5 124,600 117,550, 51.9 125,200 117,900 115,200 112,500 55.0 56.8 124,700 117,500 114,800 109,300 60.0 57.1 110,400 104,60.0 47.1 110,900 105,300 103,100 100,900 60.0 52.9 110,500 104,900 102,700 100,100 65.0 53.6 99,000 94,65.0 41.9 99,700 95,600 94,100 92,500 65.0 48.7 99,200 94,500 92,600 90,700 70.0 49.9 89,800 85,700 87,900 87,900 86,300 84,700 70.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 78,800 85,700 84,200 82,600 75.0 46.0 81,900 78,800 85,700 84,200 82,600 70,600 85.0 37.3 69,300 66,700 72,600 71,600 70,600 85.0 37.3 69,300 66,700 64,200 62,700 71,600 70,600 85.0 37.3 69,300 66,700 64,200 62,700 71,600 70,600 85.0 37.3 69,300 66,700 64,200 62,700 71,600 70,600 85.0 37.3 69,300 66,700 64,200 62,700 71,600 70,600 85.0 37.3 69,300 66,700 64,200 62,700 71,600 70,600 85.0 37.3 69,300 66,700 64,200 62,700 71,600 70,600 85.0 37.3 69,300 66,700 71,600 70,600 85.0 37.3 69,300 66,700 71,600 70,600 85.0 37.3 69,300 66,700 71,600 70,600 85.0 37.3 69,300 66,700 71,600 70,600 85.0 37.3 69,300 66,700 71,600 70,600 85.0 37.3 69,300 66,700 71,600 70,600 85.0 37.3 69,300 66,700 71,600 70,600 85.0 37.3 69,300 66,700 71,600 70,600 85.0 37.3 69,300 66,700 71,600 70,600 85.0 37.3 69,300 66,700 85.0 37.3 69,300 85.0 37.3 69,300 85.0 37.3 69,300 85.0 37.3 69,300 85.0 37.3 69,300 85.0 37.3 69,300 85.0 37.3 69,300 85.0 37.3 69,300 85.0 37.3 69,300 85.0 37.3 69,300 85.0 37.3 69,300 85.0 37.3 69,300 85.0 37.3 69,300 85.0 37.3 69,300 85.0 37.3 69,300 85.0 37.3	Charles and		Sec. 1550	290 SEC. 100 SEC. 1	7 4 5 6 6 6	The Contract	350.00	LANCE.	14.5 M . A	400000000000000000000000000000000000000	2.0 0.2.0	1 - 2 5 5 5 5 5 5	1 - Dinner	100		141,100	133,500	116,30
55,0 51,9 125,200 117,900 115,200 112,500 55.0 56.8 124,700 117,500 114,800 109,300 60.0 57.1 110,400 104,60.0 47.1 110,900 105,300 103,100 100,900 60.0 52.9 110,500 104,900 102,700 100,100 65.0 53.6 99,000 94,600 41.9 99,700 95,600 94,100 92,500 65.0 48.7 99,200 94,500 92,600 90,700 70.0 49.9 89,800 85,700 87,900 86,300 87,900 86,300 84,700 70.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 78,800 85,900 80			C. (200 / 200)	the fact of the same	F W		T. V. 275	1000	Charles and a second	With the Control of the	Vietning and	50000000	100		100000000000000000000000000000000000000	133,300 117,500	126,400 112,000	115,50 109,30
60.0 47.1 110,900 105,300 103,100 100,900 60.0 52.9 110,500 104,900 102,700 100,100 65.0 53.6 99,000 94,600 41.9 99,700 95,600 94,100 92,500 65.0 48.7 99,200 94,500 92,600 90,700 70.0 49.9 89,800 85,700 86,300 87,900 86,300 84,700 70.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 78,800 85,700 84,200 82,600 75.0 46.0 81,900 72,500 72,500 72,500 72,500 72,500 72,600 71,600 70,600 85.0 37.3 69,300 66,900 85,700 86,3	2000		4. C.V. 12.	1 - Sept. 2010 (19)	36 17 341 37	10000000	15.539	2.50	100000000000000000000000000000000000000	V5.55.01.1	1000		17.76.2	- 20	1.5.45.00	104,800	100,300	98,10
65.0 41.9 99,700 95,600 94,100 92,500 65.0 48.7 99,200 94,500 92,600 90,700 70.0 49.9 89,800 85,700 36.0 90,500 87,900 86,300 84,700 70.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 78,800 75.0 84,200 82,600 75.0 46.0 81,900 78,800 75.0 84,200 82,600 75.0 46.0 81,900 78,800 75.0 80,0 41.8 75,000 72,800 72,600 71,600 70,600 85.0 37.3 69,300 66,900 85,0	1000		155 FOA 30		L. C.S. LOO!!!	A A A A A A A A A A A A A A A A A A A	100000	1.00		A CONTRACT AND IN	Same of the test	A CONTRACT	The same of	Description of the last	The second second	94,400	91,900	88,80
70.0 36.0 90,500 87,900 86,300 84,700 70.0 44.2 90,000 85,700 84,200 82,600 75.0 46.0 81,900 78, 75.0 39.3 82,100 78,400 77,100 75,800 80.0 41.8 75,000 72, 80.0 33.9 75,200 72,600 71,600 70,600 85.0 37.3 69,300 66, 90.0 32.0 64,200 62	Contract of		Charles and St.	70.0%	A CONTRACTOR	100000000000000000000000000000000000000	13.5 25	6.50	100000000000000000000000000000000000000	1 2 2 2 2 2 2 2 2	Control of the contro	100	The latest and the		700	85,600	84,000	80,90
75.0 39.3 82.100 78,400 77.100 75,800 80.0 41.8 75,000 72 80.0 33.9 75,200 72,600 71,600 70,600 85.0 37.3 69,300 66 90.0 32.0 64,200 62	A		C. 20	5.00	100	St. of the second second	Section 1	1000	The second	100000000000000000000000000000000000000	200	100000	April 1997	-377	000000	78,200	76,900	75,30
90.0 32.0 64,200 62			1	- 5	1	120	1000	Jan. 1997	7717 207	Exp. 2.2.4		The state of the	2.5	100	1200 100 100 100	72,000	70,800	69,70
							80.0	194	75,200	72,600	71,600	70,600	and the second	District Control	1000	66,500 62,000	65,500 61,200	64,50 60,50

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

Load Radius (ft) 25.2 26.0 28.0 30.0 32.0 34.0	Boom Angle (deg.)	0 Degree Machine List	60° Rateo 1 Degree Machine	Load (lb	s) 3 Degree	Load	Boom	0 Degree		Load (lb		6.54	8.00	1	60° Pateo		
25.2 26.0 28.0 30.0 32.0	Angle (deg.)	Machine			3 Degree	Load	Form	Δ. Ποστασ	d Doorno	D.Dahmah I	2 Beauty	- Carried	Marian.	A Barrer	200.	1 A B	
26.0 28.0 30.0 32.0	80.0		List	Machine List	Machine List	Radius (ft)	Angle (deg.)	Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List	Load Radius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List
28.0 30.0 32.0		317,000*	5-11		-	26.9	80.0	280,600*				28.5	80.0	255,000 *			
30.0 32.0	79.5	313,000*				28.0	79.4	277,400 *				30.0	79.4	250,700 *		177	
32.0	78.4	295,100 *				30.0	78.4	268,700 *				32.0	78.5	240,700 *			
200	77.4	276,100 *				32.0	77.5	250,800 *	100			34.0	77.5	228,900 *	100		
	76.3	257,300 *	215 000 *	100		34.0	76.5	235,300	104 600 #			36.0	76.6	215,700 *	170 (00 *		
36.0	75.2 74.1	240,400 224,700	215,800*			36.0 38.0	75.5	221,500	194,600 * 185,600			38.0 40.0	75.7 74.8	202,500 * 190,200	179,600*		
38.0	73.1	209,100	192,000	H. dy		40.0	73.5	194,400	173,200			42.0	73.9	179,600	162,800		
40.0	72.0	194,600	178,700	139,500 *		42.0	72.5	182,300	163,200			44.0	73.0	168,900	152,800		
42.0	70.8	182,500	168,200	138,000 *	1 0 1	44.0	71.5	170,300	153,200			46.0	72.0	158,400	144,100		
44.0	69.7	170,500	157,700	136,600 *		46.0	70.5	158,400	144,500	123,700#		48.0	71.1	150,100	136,600	4	
46.0	68.6	158,600	148,500	133,700 *	105,700 *	48.0	69.5	150,200	137,000	122,500 *		50.0	70.2	141,900	129,100	111,900*	
48.0	67.5	150,400	140,600	129,400 *	104,800 *	50.0	68.4	142,000	129,600	121,400 *	94,800 *	55.0	67.8	124,000	113,900	108,400	85,100
50.0	66.3	142,100	132,800	125,100 *	104,000 *	55.0	65.8	124,200	114,400	108,900	93,100*	60.0	65.4	109,600	101,700	97,200	83,500
55.0	63.4	124,300	117,000	111,400	101,300*	60.0	63.2	109,800	103,200	99,500	91,200*	65.0	62.9	98,100	91,600	87,900	81,600
60.0	60.5	110,000	104,200	99,800	95,700	65.0	60.4	98,400	93,900	90,200	86,800	70,0	60.4	88,900	83,200	80,000	77,700
65.0	57.4	98,600	93,800	90,000	86,800	70.0	57.6	89,100	85,300	82,200	79,300	75.0	57.8	81,000	76,600	74,300	72,000
70.0	54.2	89,200	85,000	82,000	80,400	75.0	54.7	81,200	77,900	75,200	72,700	80.0	55.2	74,000	70,800	68,600	66,400
75.0	50,9	81,300	77,800	75,100	73,800	80.0	51.7	74,300	71,500	69,200	67,200	85.0	52.4	68,000	65,400	63,400	61,500
80.0	47.4	74,500 68,400	71,400 65,800	69,800 64,800	67,900 62,800	90.0	48.6 45.3	68,200	66,000	64,000 59,500	63,000 58,600	90.0	49.5	63,100 58,500	60,600 56,300	58,800 54,800	57,100 53,400
90.0	39.7	63,500	61,000	60,100	59,100	95.0	41.7	58,800	57,000	55,900	54,600	100.0	43.4	54,400	52,600	51,100	50,400
95.0	35.4	59,000	56,800	56,000	55,200	100.0	38.0	54,900	53,200	52,500	51,700	110.0	36.4	47,700	46,200	45,600	44,500
100.0	30.6	55,100	53,300	52,700	52,200				2000		- 10,15	,,,,,				10000	
Ree	Pave	12	8	5	4	Ros	eves	10	7	5	4	Res	eves	10	7	4	3
100		' Boo				100) Boo				1400) Boo			
	140		and the second	d Load (lb	s)		100		0.31	i Load (lb	s)		100		60° Pateo	Load (II:	(s)
Load Radius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List	Load Radius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List	Load Padius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List
30,1	80.0	236,300 *				32.1	80.0	216,700 *				33,7	80.0	204,100 *	100		
32.0	79.3	231,100*				34.0	79.2	208,500 *				34,0	79.9	203,200+			
34.0	78,5	221,600*				36.0	78.5	199,600 *				36.0	79.2	194,800*			
36.0	77.6	209,600*				38.0	77.7	190,800 *				38.0	78,5	186,500 *			
38.0	76,8	197,600 *				40.0	76.9	181,900 *				40.0	77.7	178,100 "			
40.0	75,9	186,400				42.0	76.1	173,200 *				42.0	77.0	169,600 *			
42.0	75.1	177,000	.004			44.0	75.3	164,500 *	140 500#			44.0	76,2	161,100*			
44,0	74.2	167,700 158,400	144,100			46.0	74.5	155,800 148,100	142,500* 135,500			46.0 48.0	75.5 74.8	152,700 145,900			
48.0	72.5	150,100	136,600			50.0	72.9	140,500	128,500			50.0	74.0	139,100	128,300		
50.0	71.6	141,700	129,100	103,300 *		55.0	70.9	123,300	113,300	93,200 *		55.0	72.1	123,100	113,100	87,100*	
55.0	69.5	123,800	113,900	101,100*		60.0	68.9	108,900	101,000	90,800 *	70,400*	60.0	70.2	108,700	100,800	85,400.*	
60.0	67.3	109,600	101,700	97,200	76,700 *	65.0	66.8	97,500	91,000	85,900	69,200*	65.0	68.3	97,300	90,700	83,200*	64,300
65.0	65.0	98,100	91,500	87,700	75,500 *	70.0	64.7	88,300	82,500	79,300	68,100*	70.0	66.4	88,000	82,300	77,700	63,400
70.0	62.7	88,800	83,100	80,000	74,100*	75.0	62.5	80,300	75,200	72,500	66,800 *	75.0	64.4	80,000	75,000	71,100	62,300
75.0	60.4	80,800	75,900	73,100	70,800	80.0	60.4	73,400	69,000	66,700	64,000 *	80.0	62.4	73,000	68,800	65,500	61,200
80.0	58.0	73,900	69,700	67,400	65,300	85.0	58.1	67,300	63,700	61,700	59,800	85.0	60.3	67,100	63,500	60,700	58,400
85.0	55.5	68,000	64,200	62,100	60,400	90.0	55.8	62,200	58,900	57,000	55,500	90.0	58.2	62,000	58,700	56,800	54,400
90.0	53.0	62,900	59,500	57,700	56,400	95.0	53.5	57,700	54,700	53,100	51,700	95.0	56.1	57,500	54,400	52,900	51,100
95.0	50.3	58,400	55,700	54,400	53,000	100.0	51.0	53,700	51,000	49,600	48,300	100.0	53.9	53,500	50,700	49,300	48,100
100.0	47.6	54,300	52,300	50,900	49,600	110.0	45.9	46,800	45,000	44,100	43,100	110.0	49.3	46,600	44,500	43,400	42,300
110.0	41.7	47,500	46,000	44,800	44,300	120.0	40.2	41,300	40,000	39,000	38,200	120.0	44.3	41,100	39,500	38,700	37,900
120.0	35.0	42,000	40,600	40,000	39,200	130.0	33.8	36,600	35,500	35,000	34,300	130.0	38.9 32.6	36,400 32,700	35,300 31,700	34,500 31,200	33,800 30,600

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

	170)' B ooi	m	-		1.	180)' B ooi	in .			U.	190)' Booi	m.		
		3	60° Rated	Load (Ib	is)			-31	60° Rated	Load (It	os)			36	60° Rated	Load (It	is)
Load adius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List	Load Radius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List	Load Radius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List
35.4	80.0	186,700 *				37.4	80.0	179,400 *	77			39.0	80.0	167,700*			
36.0	79.8	185,000 *				38.0	79.8	177,100 *				40.0	79.7	164,200 *			
38.0	79.1	179,200*				40.0	79.1	169,500 *				42.0	79.1	157,300 *			
40.0	78.5	172,800*				42.0	78.5	161,700*				44.0	78.5	150,400 *			
42.0	77.8 77.1	165,100*				44.0	77.8	154,000 * 146,300				46.0	77.8	143,500 *			
46.0	76.4	149,600				48.0	76.5	140,300				50.0	76.6	131,700 *			
48.0	75.7	143,400				50.0	75.8	134,300				55.0	75.0	118,500			
50.0	75.0	137,200		100		55.0	74.2	120,400	109,100*	-		60.0	73.5	107,000	97,500		
55.0	73.2	122,200	112,900	802.50		60.0	725	108,000	97,900	73,700*		65.0	71.9	96,100	87,800	67,100 *	
60.0	71.5	108,500	100,600	79,200 *		65.0	70.8	96,600	88,000	72,300 *		70.0	70.3	86,900	79,600	65,900 *	
65.0	69.7 67.8	97,000	90,400	77,700 *	50 300 +	70.0	69.1	87,200	79,800	70,900 *	52.000 =	75.0	68.7	78,900	72,500	64,700 *	48,900
70.0 75.0	66.0	87,700 79,600	81,800 74,700	75,600 * 70,800	58,200 * 57,200 *	75.0 80.0	65.7	79,200 72,300	73,800 68,000	69,200 * 64,600	53,000 * 52,300 *	80.0 85.0	65.4	71,800 65,800	66,400	62,400 * 58,400	48,000*
80.0	64.1	72,700	68,500	65,100	56,300*	85.0	63.9	66,200	62,600	59,700	51,500+	90.0	63.7	60,800	56,600	54,100	46,500
85.0	62.2	66,700	63,000	60,100	55,600 *	90.0	62.1	61,100	57,800	55,200	50,600 *	95.0	62.0	56,300	52,600	50,500	45,900 *
90.0	60.3	61,600	58,200	55,600	53,600 *	95.0	60,3	56,600	53,600	51,300	48,800 *	100.0	60.3	52,100	49,300	47,400	45,100
95.0	58.3	57,100	54,000	51,700	50,300	100.0	58,4	52,600	49,900	47,800	45,800	110.0	56.7	45,300	43,200	41,500	39,900
0.00	56.3	53,000	50,300	48,400	47,000	110.0	54.6	45,700	43,400	41,700	40,700	120.0	53.0	39,800	38,000	36,500	35,500
10.0	52.1	46,100	44,100	42,900	41,600	120.0	50,6	40,100	38,300	37,400	36,100	130.0	49.1	35,100	33,600	32,500	31,600
30.0	47.7	40,700 36,000	38,800 34,500	37,900 33,700	37,000 33,000	130.0	46.3	35,500 31,600	34,000 30,200	33,200 29,500	32,400 29,000	140.0	45.0	31,200 27,800	29,800 26,600	29,100 26,000	28,300 25,400
40.0	37.6	32,100	31,100	30,500	29,800	150.0	36,6	28,300	27,400	26,900	26,400	160.0	35.5	24,900	24,000	23,500	23,100
50.0	31.7	28,900	28,000	27,400	27,100	160.0	30.7	25,400	24,800	24,200	24,000	,,,,,,,	772			2,011	34/1.48
Bhr	eves	7	4	3	2	Por	ves	7	4	3	2	Por	eves	6	4	3	2
TEC	_) Boo		9		IVEC) Boo			- 2	1420) Boo		3	L
	200	1		d Load (Ib	ns)		210		60° Rated	Load (It	os)		221			d Load (lb	is)
Load Padius	Boom Angle	0 Degree Machine	1 Degree Machine	2 Degree Machine	3 Degree Machine	Load Padius	Boom Angle	0 Degree Machine	1 Degree Machine	2 Degree Machine	3 Degree Machine	Load Radius	Boom Angle	0 Degree Machine	1 Degree Machine	2 Degree Machine	3 Degree Machine
(ft)	(deg.)	List	List	List	List	(ft)	(deg.)	List	List	List	Пq	(ft)	(deg.)	List	List	List	List
40.6	80.0	151,600 *				42.3	80.0	148,800 *				44.2	80.0	140,600 *			
44.0	79.6	144,000 *				44.0	79.6	143,600 * 137,500 *				46.0	79.5	134,900 **			
46.0	78.5	139,300 *				48.0	78.5	132,000 *				50.0	78.5	124,000 *			
48.0	77.9	134,000 *				50.0	77.9	126,400 *				55.0	77.1	111,800			
50.0	77.3	128,700 *				55.0	76,5	113,900				60.0	75.8	101,400			
55.0	75.8	116,400	20000			60.0	75.1	103,200	as itel			65.0	74.4	92,500	83,400*		
60.0	74.3	105,300	96,200*			65.0	73.7	94,100	86,400+	PM SASE		70.0	73.1	85,100	78,100 *	FO 200 P	
65.0 70.0	72.8	95,700 86,600	87,400 79,100	61,900*		70.0 75.0	72.2	85,800 78,000	78,700 71,600	57,300 F		75.0 80.0	71.7	77,900 71,000	71,400 65,500	52,400 ° 51,400 °	
	69.8	78,500	72,300	60,800*	45,500*	80.0	69.3	71,000	65,700	55,400	41,300*	85.0	68.9	64,900	60,100	50,600*	37,600*
13.11		200		59,700*	44.900*	85.0	67.9	65,100	60,300	54,500*	40,600*	90.0	67.5	59,800	55,500	49,300*	37,100*
75.0 80.0	68.3	71,600	66,200	22,700				60,000	55,700	52,700+	39,900*	95.0	66.1	55,200	51,400	47,600 *	36,400*
	68.3 66.7	71,600 65,600	60,900	57,500*	44,300*	90.0	66.4	UU,UUU	22/100		meters.	20,000					Committee of the last
80.0	1	11	60,900 56,200		1000000	90.0 95.0	64.9	55,400	51,700	49,400	39,300 *	100.0	64.7	51,000	47,700	45,100	35,800 *
80.0 85.0 90.0 95.0	66.7 65.1 63.5	65,600 60,500 56,000	60,900 56,200 52,100	57,500 * 53,700 49,900	44,300 * 43,400 * 42,700 *	95.0 100.0	64.9 63.4	55,400 51,300	51,700 47,900	49,400 45,900	39,300 * 38,800 *	100.0 110.0	61.7	51,000 44,100	41,400	39,700	34,600 *
80.0 85.0 90.0 95.0 00.0	66.7 65.1 63.5 61.9	65,600 60,500 56,000 51,900	60,900 56,200 52,100 48,500	57,500 * 53,700 49,900 46,500	44,300 * 43,400 * 42,700 * 42,100 *	95.0 100.0 110.0	64.9 63.4 60.3	55,400 51,300 44,400	51,700 47,900 41,600	49,400 45,900 39,900	39,300 * 38,800 * 37,600 *	100.0 110.0 120.0	61.7 58.7	51,000 44,100 38,500	41,400 36,100	39,700 34,800	34,600 * 32,800 *
80.0 85.0 90.0 95.0 00.0	66.7 65.1 63.5 61.9 58.6	65,600 60,500 56,000 51,900 45,000	60,900 56,200 52,100 48,500 42,200	57,500 * 53,700 49,900 46,500 40,700	44,300 * 43,400 * 42,700 * 42,100 * 39,400 *	95.0 100.0 110.0 120.0	64.9 63.4 60.3 57.0	55,400 51,300 44,400 38,900	51,700 47,900 41,600 36,500	49,400 45,900 39,900 35,200	39,300 * 38,800 * 37,600 * 33,900	100.0 110.0 120.0 130.0	61.7 58.7 55.6	51,000 44,100 38,500 34,000	41,400 36,100 31,900	39,700 34,800 30,800	34,600 * 32,800 * 29,700
80.0 85.0 90.0 95.0 00.0 10.0	66.7 65.1 63.5 61.9 58.6 55.2	65,600 60,500 56,000 51,900 45,000 39,400	60,900 56,200 52,100 48,500 42,200 37,500	57,500* 53,700 49,900 46,500 40,700 36,100	44,300 ° 43,400 ° 42,700 ° 42,100 ° 39,400 ° 34,800	95.0 100.0 110.0 120.0 130.0	64.9 63.4 60.3 57.0 53.7	55,400 51,300 44,400 38,900 34,200	51,700 47,900 41,600 36,500 32,100	49,400 45,900 39,900 35,200 31,100	39,300 * 38,800 * 37,600 * 33,900 30,200	100.0 110.0 120.0 130.0 140.0	61.7 58.7 55.6 52.4	51,000 44,100 38,500 34,000 30,000	41,400 36,100 31,900 28,300	39,700 34,800 30,800 27,300	34,600 * 32,800 * 29,700 26,400
80.0 85.0 90.0 95.0 100.0 110.0 120.0	66.7 65.1 63.5 61.9 58.6 55.2 51.6	65,600 60,500 56,000 51,900 45,000 39,400 34,700	60,900 56,200 52,100 48,500 42,200 37,500 33,200	57,500* 53,700 49,900 46,500 40,700 36,100 32,000	44,300 ° 43,400 ° 42,700 ° 42,100 ° 39,400 ° 34,800 30,900	95.0 100.0 110.0 120.0 130.0 140.0	64.9 63.4 60.3 57.0 53.7 50,2	55,400 51,300 44,400 38,900 34,200 30,200	51,700 47,900 41,600 36,500 32,100 28,900	49,400 45,900 39,900 35,200 31,100 27,900	39,300 ° 38,800 ° 37,600 ° 33,900 30,200 26,900	100.0 110.0 120.0 130.0 140.0 150.0	61.7 58.7 55.6 52.4 49.0	51,000 44,100 38,500 34,000 30,000 26,700	41,400 36,100 31,900 28,300 25,400	39,700 34,800 30,800 27,300 24,600	34,600 * 32,800 * 29,700 26,400 23,800
80.0 85.0 90.0	66.7 65.1 63.5 61.9 58.6 55.2	65,600 60,500 56,000 51,900 45,000 39,400 34,700 30,900	60,900 56,200 52,100 48,500 42,200 37,500	57,500* 53,700 49,900 46,500 40,700 36,100 32,000 28,500	44,300 ° 43,400 ° 42,700 ° 42,100 ° 39,400 ° 34,800	95.0 100.0 110.0 120.0 130.0	64.9 63.4 60.3 57.0 53.7	55,400 51,300 44,400 38,900 34,200 30,200 26,900	51,700 47,900 41,600 36,500 32,100	49,400 45,900 39,900 35,200 31,100 27,900 24,800	39,300 ° 38,800 ° 37,600 ° 33,900 30,200 26,900 24,200	100.0 110.0 120.0 130.0 140.0	61.7 58.7 55.6 52.4	51,000 44,100 38,500 34,000 30,000 26,700 23,700	41,400 36,100 31,900 28,300 25,400 22,700	39,700 34,800 30,800 27,300 24,600 22,000	34,600 * 32,800 * 29,700 26,400 23,800 21,200
80.0 85.0 90.0 95.0 100.0 110.0 120.0 130.0	66.7 65.1 63.5 61.9 58.6 55.2 51.6 47.8	65,600 60,500 56,000 51,900 45,000 39,400 34,700	60,900 56,200 52,100 48,500 42,200 37,500 33,200 29,500	57,500* 53,700 49,900 46,500 40,700 36,100 32,000	44,300 ° 43,400 ° 42,700 ° 42,100 ° 39,400 ° 34,800 30,900 27,900	95.0 100.0 110.0 120.0 130.0 140.0 150.0	64.9 63.4 60.3 57.0 53.7 50.2 46.6	55,400 51,300 44,400 38,900 34,200 30,200	51,700 47,900 41,600 36,500 32,100 28,900 25,700	49,400 45,900 39,900 35,200 31,100 27,900	39,300 ° 38,800 ° 37,600 ° 33,900 30,200 26,900	100.0 110.0 120.0 130.0 140.0 150.0 160.0	61.7 58.7 55.6 52.4 49.0 45.4	51,000 44,100 38,500 34,000 30,000 26,700	41,400 36,100 31,900 28,300 25,400	39,700 34,800 30,800 27,300 24,600	34,600 * 32,800 * 29,700 26,400 23,800
80.0 85.0 90.0 95.0 00.0 10.0 20.0 30.0 40.0 50.0	66.7 65.1 63.5 61.9 58.6 55.2 51.6 47.8 43.8	65,600 60,500 56,000 51,900 45,000 39,400 34,700 30,900 27,600	60,900 56,200 52,100 48,500 42,200 37,500 33,200 29,500 26,400	57,500 * 53,700 49,900 46,500 40,700 36,100 32,000 28,500 25,700	44,300 ° 43,400 ° 42,700 ° 42,100 ° 39,400 ° 34,800 30,900 27,900 25,000	95.0 100.0 110.0 120.0 130.0 140.0 150.0	64.9 63.4 60.3 57.0 53.7 50.2 46.6 42.6	55,400 51,300 44,400 38,900 34,200 30,200 26,900 24,000	51,700 47,900 41,600 36,500 32,100 28,900 25,700 23,000	49,400 45,900 39,900 35,200 31,100 27,900 24,800 22,300	39,300 * 38,800 + 37,600 * 33,900 30,200 26,900 24,200 21,800	100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0	61.7 58.7 55.6 52.4 49.0 45.4 41.6	51,000 44,100 38,500 34,000 30,000 26,700 23,700 21,300	41,400 36,100 31,900 28,300 25,400 22,700 20,200	39,700 34,800 30,800 27,300 24,600 22,000 19,600	34,600 32,800 29,700 26,400 23,800 21,200 19,100
80.0 85.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0	66.7 65.1 63.5 61.9 58.6 55.2 51.6 47.8 43.8 39.4	65,600 60,500 56,000 51,900 45,000 39,400 34,700 30,900 27,600 24,600	60,900 56,200 52,100 48,500 42,200 37,500 33,200 29,500 26,400 23,600	57,500 * 53,700 49,900 46,500 40,700 36,100 32,000 28,500 25,700 23,100	44,300 * 43,400 * 42,700 * 42,100 * 39,400 * 34,800 30,900 27,900 25,000 22,700	95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0	64.9 63.4 60.3 57.0 53.7 50.2 46.6 42.6 38.4	55,400 51,300 44,400 38,900 34,200 30,200 26,900 24,000 21,500	51,700 47,900 41,600 36,500 32,100 28,900 25,700 23,000 20,700	49,400 45,900 39,900 35,200 31,100 27,900 24,800 22,300 20,200	39,300 * 38,800 * 37,600 * 33,900 30,200 26,900 24,200 21,800 19,800	100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	61.7 58.7 55.6 52.4 49.0 45.4 41.6 37.5	51,000 44,100 38,500 34,000 30,000 26,700 23,700 21,300 19,000	41,400 36,100 31,900 28,300 25,400 22,700 20,200 18,200	39,700 34,800 30,800 27,300 24,600 22,000 19,600 17,800	34,600 * 32,800 * 29,700 26,400 23,800 21,200 19,100 17,300

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

	Boom Angle (deg.)	0 Degree Mechine Ust	60° Rateo	Load (lb 2 Degree				3	60° Rated	Load (Ib	(5)			30	60° Rated	Load (Ib	(s)
45.9 46.0 48.0 50.0 55.0 60.0	Angle (deg.) 80.0	Machine		2 Degree	20												
46,0 48,0 50.0 55.0 60.0	W(1) 4	54.40	Machine List	Machine List	3 Degree Machine List	Load Radius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List	Load Radius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List
48.0 50.0 55.0 60.0	70.0	130,900*				47.5	80.0	120,100 *				49.5	80.0	108,200 *			
50.0 55.0 60.0	79,9	130,700*				48.0	79.9	119,400*				50.0	79.9	108,000 *			
55.0 60.0	79.5	125,200*				50.0	79.4	116,400 *				55.0	78.7	103,100*			
60.0	79.0 77.7	119,700* 108,100				55,0	78.2 77.0	107,400 97,300				65.0	77.5	95,800 87,400			
41.300	76.4	98,900				65.0	75.8	88,900	73,100 *			70.0	75.2	80,300	65,200		
	75.1	90,500				70.0	74.5	81,700	70,500*	H		75.0	74.0	74,000	62,800 *		
70.0	73.8	83,400	75,200 *			75.0	73.3	75,300	67,900+	7		80.0	72.8	68,300	60,100 *	120	
75.0	72.5	76,700	70,600*			80.0	72.0	69,500	63,400	44,800*		85.0	71.6	63,300	57,700*	40,300 *	
80.0	71.2	70,300	64,900	47,900 *		85.0	70.8	64,000	58,200	43,800 *	31,700 *	90.0	70.3	58,600	53,500	39,000 *	
90.0	69.9	64,200	59,600	46,900 *	22.000	90.0	69.5	58,900	53,700	42,700	31,100*	95.0	69.1	54,100	49,300	37,700 *	28,200
95.0	68.6 67.2	59,100 54,600	54,900 50,800	45,700 * 44,400 *	33,900 * 33,300 *	100.0	68.2	54,300 50,200	50,300 46,700	41,500 * 40,200 *	30,600*	110.0	67.9	49,900 43,000	45,800 39,600	36,500 *	27,700
100.0	65.8	50,600	47,200	42,900*	32,800 *	110.0	64.3	43,300	40,400	37,500	28,500*	120.0	62.8	37,400	35,000	31,700 *	24,700
110.0	63.1	43,700	40,900	38,700	31,700 *	120.0	61.6	37,600	35,300	33,500	26,700 *	130.0	60.2	32,700	30,800	29,000 *	23,000
120.0	60.2	38,000	35,700	33,900	29,800 *	130.0	58.8	32,900	31,000	29,400	24,900 *	140.0	57.5	28,700	27,000	25,700	21,300
130.0	57,3	33,300	31,300	30,100	28,000 *	140.0	56.0	29,000	27,400	26,200	23,100*	150.0	54.8	25,400	23,800	22,700	19,600
140.0	54.3	29,300	27,600	26,700	25,700	150.0	53.0	25,600	24,100	23,200	21,100	160.0	51.9	22,400	21,200	20,400	18,100
150.0	51.1	26,000	24,500	23,700	22,900	160.0	50.0	22,900	21,400	20,700	18,700	170.0	48.9	19,700	18,500	17,800	16,500
160.0	47.8	23,100 20,600	21,800 19,600	21,100 18,900	20,500 18,200	170.0 180.0	46.8	20,200 17,800	19,000 16,900	18,200 16,300	16,700 14,700	180.0	45.8	17,400	16,300	15,600	14,900
180.0	40.6	18,200	17,400	16,700	16,300	190.0	39.8	15,700	14,900	14,300	13,100	200.0	38.9	13,300	12,600	12,100	11,700
190.0	36.6	16,100	15,300	14,900	14,500	200.0	35.8	13,800	13,100	12,700	11,600	210.0	35.1	11,600	10,900	10,400	10,100
200.0	32.2	14,200	13,500	13,200	12,900	210.0	31.5	12,100	11,500	11,200	10,400	220.0	30.8	10,100	9,500	9,200	8,900
Ree	Reeves 5 3 2 2			2	Rose	eves	5	3	2	2	Roc	ves	4	3	2	2	
7.7	3.7	Boo					_) Boo						' Boo	_		
^	200	S. CALLES AND ADDRESS	60° Rated	Load (lb	s)		210		60° Rated	l Load (lb	s)		200			Load (It	(S)
	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List	Load Radius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List	Load Radius (ft)	Boom Angle (deg.)	0 Degrée Machine Ust	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List
51.1	80.0	98,500 *				52.8	80.0	90,100*				54.4	80.0	82,400 *			
55.0	79.1	97,000 *				55.0	79.5	89,200 *				55.0	79.9	82,200 *			
60.0	78.0	93,700				60.0	78.5	86,800 *				60.0	78.9	80,300 *			
65.0	76.9	85,600	** ***			65.0	77.4	83,300 *	11			65.0	77.8	78,200 *			
70.0	75.7 74.6	78,700 72,500	61,000 * 58,600 *			70.0 75.0	76.3 75.2	77,000	54,600+			70,0 75.0	76.8 75.7	74,300 * 69,400	51,300*		
77	73.5	66,800	56,400*			80.0	74.1	65,300	52,400*	4 - 1		80.0	74.7	64.000	49,100*		
85.0	72.3	62,000	54,000 *			85.0	73.0	60,400	50,200 *	34,300.*		85.0	73.6	59,300	47,100 *		
90.0	71.1	57,600	51,800 *	36,300 *		90.0	71.9	56,200	48,000 #	33,000 1		90.0	72.5	55,100	44,900 ×	30,800 °	
95.0	70.0	53,400	48,900	35,000*		95.0	70.7	52,300	45,800 *	31,900 *		95.0	71.4	51,200	42,900 *	29,700 *	
100.0	68,8	49,500	45,400	33,700*	25,500 *	100.0	69.6	48,700	43,800 *	30,800 *	Q000013	100.0	70.4	47,700	41,000 *	28,400 *	7
110.0	66.4	42,600	39,200	31,300 *	24,100*	110.0	67.3	41,900	38,500	28,400 *	21,500*	110.0	68.2	41,500	37,200.*	26,200*	19,700
120.0	64.0	36,900	34,100	28,900 *	22,300 *	120.0	65.0	36,300	33,500	26,200 *	19,900 *	120.0	65.9	36,000	33,000	24,000 *	18,200
130.0	61.5 58,9	32,200 28,200	29,700 26,500	26,400 * 24,400 *	20,700 * 19,200 *	130.0	62.6	31,600 27,600	29,300 25,500	23,800 * 21,600 *	18,400 * 16,600 *	130.0	61.4	31,200 27,400	28,800 25,300	22,000 * 19,800 *	16,400
150.0	56.3	24,900	23,400	22,100*	17,500 *	150.0	57.7	24,300	22,400	19,700*	15,200*	150.0	59.0	23,800	22,000	17,800 *	13,500
160.0	53.6	22,000	20,500	19,400	15,900 ×	160.0	55.2	21,200	19,800	17,700*	13,600 *	160.0	56.6	20,800	19,100	15,800 ×	12,000
170.0	50.8	19,300	18,000	17,100	14,400*	170.0	52.5	18,400	17,200	15,700.*	12,100*	170.0	54.1	18,000	16,500	14,000 =	10,600
180.0	47.9	16,700	15,600	14,900	13,000 *	180.0	49.8	16,000	14,900	14,000 *	10,800 *	180.0	51.5	15,600	14,500	12,200 *	9,200
190.0	44.8	14,600	13,600	13,000	11,400*	190.0	46.9	13,900	12,700	12,200	9,300 *	190.0	48.8	13,500	12,500	10,700 *	8,000
200.0	41.6	12,600	11,800	11,300	10,200 *	200.0	43.9	11,900	10,900	10,400	8,100 *	200.0	46.0	11,400	10,500	9,000*	6,700
210.0	38.1	11,000	10,200	9,700	8,900 *	210.0	40.8	10,100	9,300	8,900	6,700 *	210.0	43.1	9,600	8,900	7,500 *	5,500
220.0	34.3 30.2	9,400 8,000	8,800 7,500	8,400 7,200	7,500 ° 6,300 °	230.0	37.4 33.7	8,600 7,200	7,900 6,600	7,500 6,200 *	5,600 **	220.0 230.0 240.0	40.0 36.7 33.1	6,700 5,500	7,400 6,100	6,100.*	
	ė.											1					

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

	290	Boo	m	-			300) Boo	m			1					
		3	60° Rated	Load (It	(s)			3	60° Rated	Load (lb	s)			30	60° Pated	Load (It	s)
pad adius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List	Load Radius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List	Load Radius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degre Machine List
56.4	80.0	74,500*				58.0	80,0	68,300*									
60.0	79.3	73,000*				60.0	79.6	67,700 *	1.7								
65.0	78.3	71,200*				65.0	78.7	65,900*									
70.0 75.0	77.2 76.2	69,500 * 66,800 *				70.0 75.0	77.7	64,200 * 62,400 *	1000								
80.0	75.2	63,100*	44,600 *			80.0	75.7	60,200*	41,400*								
85.0	74.2	58,200*	42,900*			85.0	74.7	56,800*	39,500*								
90.0	73.1	54,100	41,000*			90.0	73.7	52,800*	37,700*								
95.0	72.1	50,300	39,000 *	26,800 *		95.0	72.7	49,100 *	35,800 *	24,400*							
0.00	71.1	46,800	37,200 *	25,500*		100.0	71.7	45,700	34,000 *	23,300 *							
10.0	69.0	40,700	33,500 *	23,300*	17,100*	110.0	69.7	39,600	30,500 *	21,300*	15,400 *						
20.0 30.0	66.8	35,700 31,000	30,200 * 26,800 *	21,100 * 19,100 *	15,600 * 14,200 *	120.0	67.6	34,600 30,200	27,500 * 24,400 *	19,100 * 17,100 *	13,800 * 12,300 *						
40.0	62.4	27,100	24,000 *	16,900 *	12,700	140.0	63.4	26,500	21,600*	15,200 *	10,800 *						
50.0	60.2	23,600	21,100*	15,300 *	11,100*	150.0	61.3	23,200	18,900 *	13,200*	9,600 *						
60.0	57.9	20,600	18,700	13,400 *	9,900*	160.0	59.1	19,900	16,500 =	11,400*	8,000 =						
70.0	55.5	17,700	16,300	11,600*	8,400*	170.0	56.8	17,100	14,100*	9,800 *	6,800 *						
80.0	53.1	15,200	13,800	9,800*	7,100 *	180.0	54.5	14,700	11,900 *	8,100 *	5,500 *						
90.0	50.5	13,000	12,000	8,400 *	5,900 *	190.0	52.1	12,400	9,900 *	6,500 *							
0.00	47.9	11,100	10,100	6,800*		200.0	49.6	10,400	8,100 *								
10.0	45.2	9,400	8,300*	5,300*		210.0	47.1	8,800	6,300 *								
20.0	42.3 39.3	7,700 6,300	6,500*			220.0	44.4	7,000									
Ree	ves	4	2	2	2	Ree	ves	3	2	2	2						
		-				1		-				-	-				-
		3	60° Rated	Load (lb	s)			3	60° Rated	Load (lb	s)			36	60° Rated	Load (Ib	s)
oad adius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List	Load Radius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List	Load Radius (ft)	Boom Angle (deg.)	0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degre Machine List
(11)	(deg.)	200	Da	Da	23	(rej	(ucg.)	200	200	20	Da	(it)	(uog.)	24	23	23	200
- 1																	

General Description

Luffing boom with luffing jib maximum lift capacity

275,500 lbs (125,000 kg) @ 28' operating radius

Luffing jib maximum lift capacity

176,300 lbs (80,000 kg) @ 32' operating radius

Maximum luffing boom length

200' (61.0 m)

Maximum luffing jib length

200' (61.0 m)

Working weight

Approx. 508,175 lbs (230,500 kg)

Ground bearing pressure

Approx. 15.6 psi (107.6 kPa)

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

Luffing Attachments

Luffing boom:

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

Maximum boom length

200' (61.0 m)

Basic boom length

70' (21.3 m)

Boom base section

25' (7.6 m)

Boom insert section

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

Tapered Boom Insert

11' 10" (3.6 m)

Boom tip section (with pin connected boom point sheave)

3' 3" (1.0 m)

Luffing boom insert (optional):

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

Boom insert

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

Luffing jib (optional):

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

Maximum luffing jib length200' (61.0 m)Basic luffing jib length70' (21.3 m)Jib base section30' (9.1 m)

Luffing jib insert 10' (3.0 m), 20' (6.1 m), 40' (12.2 m)

2

Jib tip section 30' (9.1 m)

No. of point sheaves

Working Speed

Hoist line speed (front and rear drums)

360 to 10 ft/min (110 to 3 m/min)

Lowering line speed (front and rear drums)

360 to 10 ft/min (110 to 3 m/min)

Boom hoist line speed

72 to 6.6 ft/min x 2 (22 to 2 m/min x 2)

2 minutes: 250' (76.2 m) boom raise 0 to 80 degrees

Boom lowering line speed

72 to 6.6 ft/min x 2 (22 to 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.

Auxiliary sheave:

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

Diameter of wire rope:

Hoist rope 26 mm
Luffing jib rope (10 parts) 22 mm
Boom hoist rope (16 parts) 26 mm
Boom suspension rope 38 mm
Luffing jib suspension rope 38 mm
Luffing jib center hitch suspension 26 mm
(luffing jib length of 170' (51.8 m) or longer)

Luffing boom hoist reeving:

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

Luffing jib hoist reeving:

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

Luffing jib hoist drum:

Hoist drum (Third drum on straight crane) Powered by

hydraulic motor through planetary reducer.

Drum Single drum grooved for 22 mm dia. wire

rope.

Brake A spring set, hydraulically released multiple-

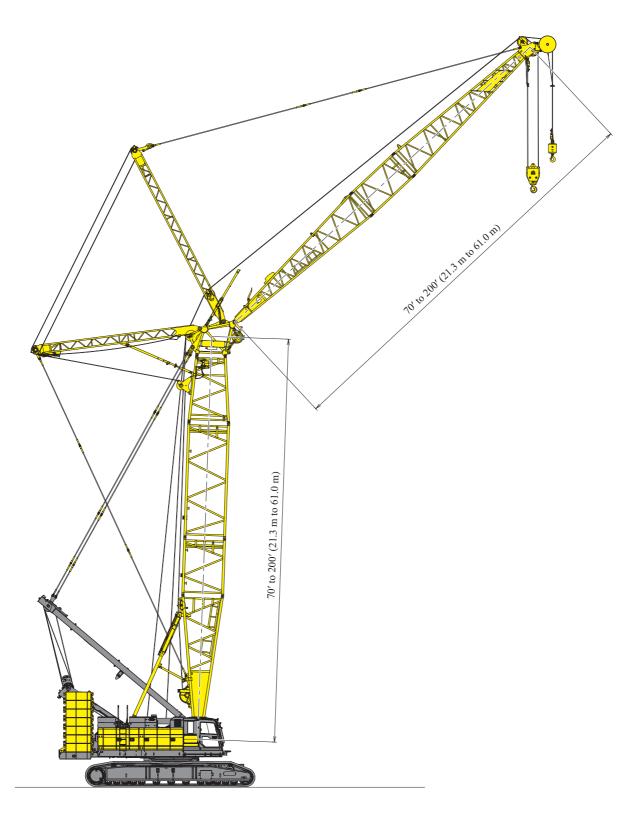
disc brake is internally configured in the hoist motor and is operated through a

counterbalance valve.

External ratchet for locking drum.

Luffing Jib

Unit: ft (m)

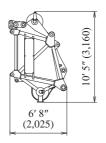


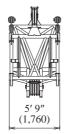
CK2750G-3 LUFFING BOOM/JIB - DIMENSIONS & WEIGHT

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

Luffing Boom Tip

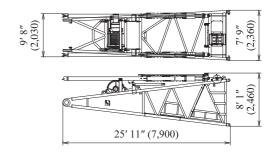
Weight: 4,595 lbs (2,085 kg)





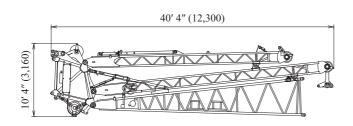
Luffing Boom Base (with winch)

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



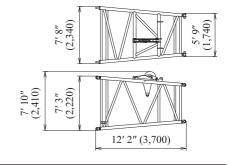
Luffing Boom Tip Assembly

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



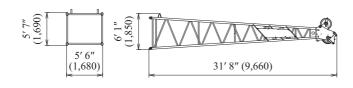
Luffing Taper Boom Insert

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



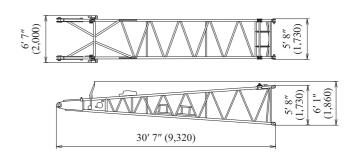
Luffing Jib Tip

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



Luffing Jib Base

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



CK2750G-3

LUFFING BOOM/JIB - DIMENSIONS & WEIGHT

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

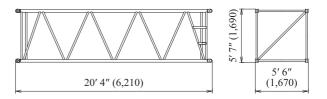
10 ft (3.0 m) Luffing Jib Insert

Weight: 920 lbs (420 kg) Includes cable roller and guy lines

10' 4" (3,160) 10' 4" (3,160) 5' 6" (1,670)

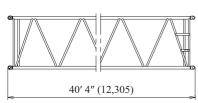
20 ft (6.1 m) Luffing Jib Insert

Weight: 1,475 lbs (670 kg) Includes cable roller and guy lines



40 ft (12.2 m) Luffing Jib Insert

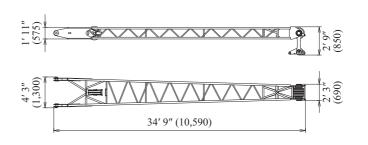
Weight: 2,590 lbs (1,175 kg) Includes cable roller and guy lines





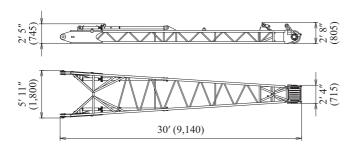
Front Strut (luffing jib)

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



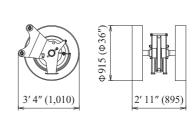
Rear Strut (luffing jib)

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



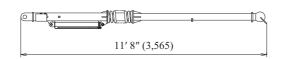
Auxiliary Sheave (luffing jib)

Weight: 840 lbs (380 kg)



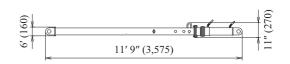
Luffing Jib Backstop (L/R)

Weight: 290 lbs (130 kg)

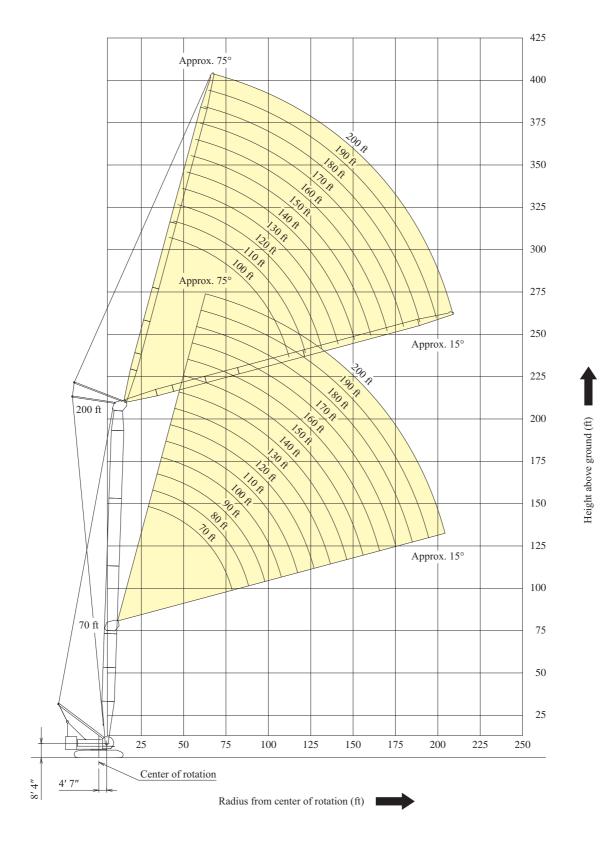


Luffing Jib Strut Backstop (L/R)

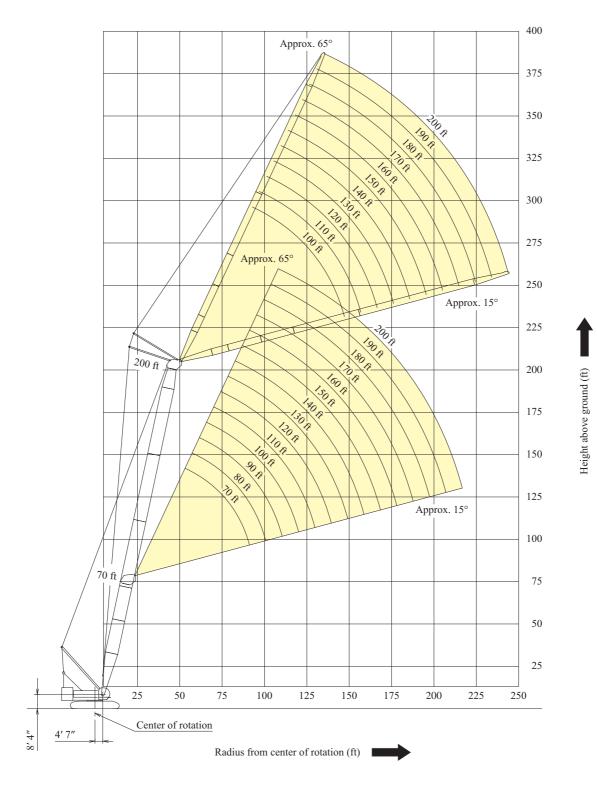
Weight: 144 lbs (65 kg)



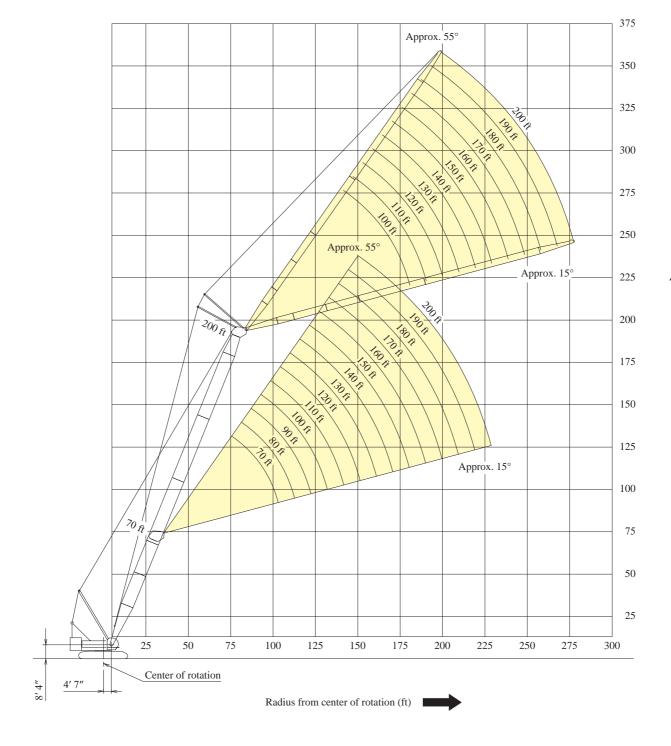
Luffing Jib 88°



Luffing Jib 78°



Luffing Jib 68°





Luffing Boom Arrangement

Boom length : ft (m)	Boom arrangement
70 (21.3)	■10 20 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
80 (24.4)	
90 (27.4)	
100 (30.5)	
110 (33.5)	
120 (36.6)	
130 (39.6)	★ B 10 20 20 40 11/8 T ★ B 10 40 40 11/8 T ★ T T T T T T T T T T T T T T T T
140 (42.7)	## B 10 10 20 20 40 11.78 T B 10 10 10 40 40 17.78 T B 20 40 40 11.78 T 11.78 T
150 (45.7)	★ ■ 10 20 40 40 11.78 ▼ 11.78

Boom length : ft (m)	Boom arrangement
160 (48.8)	
170 (51.8)	★ ■ 10 20 20 40 40 11.75 T ■ 10 40 40 40 11.75 T 11.78 T
180 (54.9)	
190 (57.9)	
200 (61.0)	## B 10 10 20

^{**} mark shows the standard luffing boom arrangement which enables each boom length of less than that boom length to be configured.

Symbol	Boom Length	Remarks
В	25 ft (7.6 m)	Boom Base
От	3 ft 3 in (1.0 m)	Luffing Boom Tip
11.7B	11 ft 10 in (3.6 m)	Taper Boom Insert
10	10 ft (3.0 m)	Boom Insert
20	20 ft (6.1 m)	Boom Insert
40	40 ft (12.2 m)	Boom Insert

Luffing Jib Arrangement

Jib length : ft (m)	Jib arrangement
70 (21.3)	B T
80 (24.4)	※ ■ 10A 10 T
90 (27.4)	
100 (30.5)	※ B 10A 10 20 T
110 (33.5)	
120 (36.6)	
130 (39.6)	No. 10 10 10 20 20 T
140 (42.7)	₩
150 (45.7)	

Jib length : ft (m)	Jib arrangement
160 (48.8)	
170 (51.8)	
180 (54.9)	₩ B
190 (57.9)	
200 (61.0)	

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

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

- 1. Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or derate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, multiple machine lifts, and traveling with a load).
- 2. Rated loads do not exceed 75% of minimum tipping loads. Rated loads based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
- 3. The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.
- Boom backstops are required for all boom lengths.
- Gantry must be fully raised position for all operations.
- The crane must be leveled to within 1% on a firm supporting surface.
- 4. Do not attempt to lift where no ratings are shown as crane may tip or collapse.
- 5. Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
- 6. Weight of hooks, hook blocks, slings and other lifting devices are a part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.
- 7. The total load that can be lifted over a jib is limited by rated jib loads.
- 8. The total load that can be lifted over an auxiliary sheave should not exceed 29,700 lbs.

9. Luffing boom and jib combinations.

Boom						Jib	Len	gth	(ft)					
Length (ft)	70	80	90	100	110	120	130	140	150	160	170	180	190	200
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200	×	X	X	O	0	0	O	O	0	O	O	0	0	0

: Combinations which is allowed.

× : Combinations which is not allowed.

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

CK2750G-3

LUFFING BOOM/JIB - SUPPLEMENTAL DATA

- 14. Maximum number of reeving parts of line for hoist rope.
- (1) Luffing Jib

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

X : Combinations which is not allowed.

(2) Main boom with luffing jib

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

X: Combinations which is not allowed.

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

Main Boom Hoist Loads

No. of Parts of Line	1	2	3	4	5
Maximum Loads (lbs)	29,700	59,500	89,200	119,000	148,800
Maximum Loads (t)	13.5	27.0	40.5	54.0	67.5
No. of Parts of Line	6	7	8	10	
Maximum Loads (lbs)	178,500	208,300	238,000	275,500	

Maximum Loads (t) Jib Hoist Loads

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

94.5

108.0

81.0

125.0

Auxiliary Hoist Loads

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

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

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



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

- 17. The total load that can be lifted over an luffing jib with main hook block is the value for 5,100 lbs deducted from rated load for the luffing jib without main hook block.
- 18. Lifting capacities listed apply only to the machine as originally manufactured and designed by KOBELCO CONSTRUCTION MACHINERY CO.,LTD. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.
- 19. Designed and rated to comply with ASME B30.5-2014.

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

Luffing Boom with Luffing Jib Lift Capacity

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

	oom 70 ft .	Fb.		80 ft J	ih.		90 ft .	1h		100 ft	£b.
1			11224			Total			Facility		
Load Radius (ft)	Boom Angle (deg.)	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 Loa (lbs)
22.0	79.3	275,500 *	22.0	79.3	270,200*	22.0	79.3	264,500 *	22.0	79.3	262,300 *
24.0	77.6	275,500 *	24.0	77.6	270,200*	24.0	77.6	264,500 *	24.0	77.6	262,300 *
26.0	75.9	275,500*	26.0	75.9	270,200 *	26.0	75.9	264,500 *	26.0	75.9	262,300 *
28.0	74.1	259,900 *	28.0	74.1	254,900 *	28.0	74.1	249,700 *	28.0	74.1	247,700 *
30.0	72.4	242,300 *	30.0	72.4	237,700 *	30.0	72.4	232,900 *	30.0	72.4	231,100 *
32.0	70.6	225,600 *	32.0	70.6	221,100 *	32.0	70.6	216,600 *	32.0	70.6	214,900 *
34.0	68.8	208,200	34.0	68.8	203,800	34.0	68.8	199,500	34.0	68.8	197,800
36.0	67.0	190,200	36.0	67.0	186,000	36.0	67.0	181,700	36.0	67.0	180,100
38.0	65.2	172,300	38.0	65.2	168,200	38.0	65.2	164,000	38.0	65.2	162,400
40.0	63.3	156,300	40.0	63.3	152,400	40.0	63.3	148,200	40.0	63.3	146,700
42.0	61.3	144,700	42.0	61.3	140,800	42.0	61.3	136,800	42.0	61.3	135,400
44.0	59.4	133,100	44.0	59.4	129,300	44.0	59.4	125,400	44.0	59.4	124,000
46.0	57.4	121,600	46.0	57.4	117,900	46.0	57.4	114,100	46.0	57.4	112,800
48.0	55.3	113,900	48.0	55.3	110,300	48.0	55.3	106,600	48.0	55.3	105,300
50.0	53.2	106,300	50.0	53.2	102,700	50.0	53.2	99,100	50.0	53.2	97,700
55.0	47.5	89,800	55.0	47.5	86,400	55.0	47.5	82,900	55.0	47.5	81,700
Ree	ves	10	Ree	ves	10	Ree	eves	10	Ree	ves	10
70' B	oom						745				
	110 ft	i b		120 ft	Jib		130 ft	Jib		140 ft	Jib
Load Padius	Boom Angle (deg.)	360° Rated Load	Load Radius	Boom Angle	360° Rated Load	Load Padius	Boom Angle	360 Rated Load	Load Radius	Boom Angle	360° Rated Loa
(IL)	(UCU.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)		(lbs)
(ft) 22.0		1	(ft) 22.0	(deg.) 79.3	1-1	(ft) 22.0	(deg.) 79.3	7 6	(ft) 22.0	(deg.) 79.3	
22.0	79.3	259,900*	22.0	79.3	255,900 *	22.0	79.3	251,500 *	22.0	(deg.) 79.3	246,600
22.0 24.0	79.3 77.6	259,900 * 259,900 *		79.3 77.6	255,900 * 255,900 *	22.0 24.0	79.3 77.6	7 6	22.0 24.0	(deg.) 79.3 77.6	246,600 246,600
22.0 24.0 26.0	79.3	259,900*	22.0 24.0 26.0	79.3	255,900 * 255,900 * 255,900 *	22.0 24.0 26.0	79.3 77.6 75.9	251,500 * 251,500 * 251,500 *	22.0 24.0 26.0	(deg.) 79.3 77.6 75.9	246,600 246,600 246,600
22.0 24.0 26.0 28.0	79.3 77.6 75.9	259,900 * 259,900 * 259,900 *	22.0 24.0	79.3 77.6 75.9	255,900 * 255,900 *	22.0 24.0	79.3 77.6	251,500 * 251,500 * 251,500 * 238,100 *	22.0 24.0 26.0 28.0	(deg.) 79.3 77.6	246,600° 246,600° 246,600° 233,800°
22.0 24.0 26.0 28.0 30.0	79.3 77.6 75.9 74.1	259,900 * 259,900 * 259,900 * 245,600 *	22.0 24.0 26.0 28.0	79.3 77.6 75.9 74.1	255,900 * 255,900 * 255,900 * 242,000 *	22.0 24.0 26.0 28.0	79.3 77.6 75.9 74.1	251,500 * 251,500 * 251,500 *	22.0 24.0 26.0	(deg.) 79.3 77.6 75.9 74.1	246,600 246,600 246,600 233,800 218,800
22.0 24.0 26.0 28.0 30.0 32.0	79.3 77.6 75.9 74.1 72.4	259,900 * 259,900 * 259,900 * 245,600 * 229,400 *	22.0 24.0 26.0 28.0 30.0	79.3 77.6 75.9 74.1 72.4	255,900 * 255,900 * 255,900 * 242,000 * 226,100 *	22.0 24.0 26.0 28.0 30.0	79.3 77.6 75.9 74.1 72.4	251,500 * 251,500 * 251,500 * 251,500 * 238,100 * 222,600 *	22.0 24.0 26.0 28.0 30.0	(deg.) 79.3 77.6 75.9 74.1 72.4	246,600 246,600 246,600 233,800 218,800
22.0 24.0 26.0 28.0 30.0 32.0 34.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8	259,900 * 259,900 * 259,900 * 245,600 * 229,400 * 213,100 * 196,000	22.0 24.0 26.0 28.0 30.0 32.0 34.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8	255,900 * 255,900 * 255,900 * 242,000 * 226,100 * 210,000 * 193,000	22.0 24.0 26.0 28.0 30.0 32.0 34.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8	251,500 * 251,500 * 251,500 * 238,100 * 222,600 * 206,400 * 189,500	22.0 24.0 26.0 28.0 30.0 32.0 34.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8	246,600 246,600 246,600 233,800 218,800 202,800 186,000
22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0	79.3 77.6 75.9 74.1 72.4 70.6	259,900 * 259,900 * 259,900 * 245,600 * 229,400 * 213,100 *	22.0 24.0 26.0 28.0 30.0 32.0	79.3 77.6 75.9 74.1 72.4 70.6	255,900 * 255,900 * 255,900 * 242,000 * 226,100 * 210,000 * 193,000 175,400	22.0 24.0 26.0 28.0 30.0 32.0	79.3 77.6 75.9 74.1 72.4 70.6	251,500 * 251,500 * 251,500 * 251,500 * 238,100 * 222,600 * 206,400 *	22.0 24.0 26.0 28.0 30.0 32.0	(deg.) 79.3 77.6 75.9 74.1 72.4 70.6	246,600 246,600 246,600 233,800 218,800 202,800
-	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0	259,900 * 259,900 * 259,900 * 245,600 * 229,400 * 213,100 * 196,000 178,400	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0	255,900 * 255,900 * 255,900 * 242,000 * 226,100 * 210,000 * 193,000	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0	251,500 * 251,500 * 251,500 * 251,500 * 238,100 * 222,600 * 206,400 * 189,500 172,100	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0	246,600 246,600 246,600 233,800 218,800 202,800 186,000 168,700
22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2	259,900 * 259,900 * 259,900 * 245,600 * 229,400 * 213,100 * 196,000 178,400 160,800	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2	255,900 * 255,900 * 255,900 * 242,000 * 226,100 * 210,000 * 193,000 175,400 157,900	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2	251,500 * 251,500 * 251,500 * 251,500 * 238,100 * 222,600 * 206,400 * 189,500 172,100 154,700	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2	246,600 246,600 246,600 233,800 218,800 202,800 186,000 168,700 151,400
22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3	259,900 * 259,900 * 259,900 * 245,600 * 229,400 * 213,100 * 196,000 178,400 160,800 145,200	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3	255,900 * 255,900 * 255,900 * 242,000 * 226,100 * 210,000 * 193,000 175,400 157,900 142,300	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3	251,500 * 251,500 * 251,500 * 251,500 * 238,100 * 222,600 * 206,400 * 189,500 172,100 154,700 139,300	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3	246,600° 246,600° 233,800° 218,800° 202,800° 186,000 168,700 151,400
22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3	259,900 * 259,900 * 259,900 * 245,600 * 229,400 * 213,100 * 196,000 178,400 160,800 145,200 133,900 122,600	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3	255,900 * 255,900 * 255,900 * 242,000 * 210,000 * 193,000 175,400 157,900 142,300 131,000	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3 59.4	251,500 * 251,500 * 251,500 * 251,500 * 238,100 * 222,600 * 206,400 * 189,500 172,100 154,700 139,300 128,000 116,700	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3 59.4	246,600 246,600 233,800 218,800 202,800 186,000 151,400 136,000 124,800 113,700
22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3 59.4 57.4	259,900 * 259,900 * 259,900 * 245,600 * 229,400 * 213,100 * 196,000 178,400 160,800 145,200 133,900	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3 59.4 57.4	255,900 * 255,900 * 255,900 * 242,000 * 210,000 * 193,000 175,400 157,900 142,300 131,000 119,800	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3	251,500 * 251,500 * 251,500 * 251,500 * 238,100 * 222,600 * 206,400 * 189,500 172,100 154,700 139,300 128,000 116,700 105,500	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3 59.4 57.4	246,600° 246,600° 233,800° 218,800° 202,800° 186,000 151,400 136,000 124,800°
22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 44.0 46.0 48.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3 59.4	259,900 * 259,900 * 259,900 * 245,600 * 229,400 * 213,100 * 196,000 178,400 160,800 145,200 133,900 122,600 111,500	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3 59.4	255,900 * 255,900 * 255,900 * 242,000 * 210,000 * 193,000 175,400 157,900 142,300 131,000 119,800 108,600	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3 59.4 57.4	251,500 * 251,500 * 251,500 * 251,500 * 238,100 * 222,600 * 206,400 * 189,500 172,100 154,700 139,300 128,000 116,700	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3 59.4	246,600° 246,600° 233,800° 218,800° 202,800° 186,000 151,400 136,000 124,800 113,700 102,700
22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 44.0 44.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3 59.4 57.4 55.3	259,900 * 259,900 * 259,900 * 245,600 * 229,400 * 213,100 * 196,000 178,400 160,800 145,200 133,900 122,600 111,500 103,900	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 44.0 44.0 44.0 48.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3 59.4 57.4 55.3	255,900 * 255,900 * 255,900 * 242,000 * 210,000 * 193,000 175,400 157,900 142,300 131,000 119,800 108,600 101,100	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 44.0 44.0 46.0 48.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3 59.4 57.4 55.3	251,500 * 251,500 * 251,500 * 251,500 * 238,100 * 222,600 * 206,400 * 189,500 172,100 154,700 139,300 128,000 116,700 105,500 98,100	22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 44.0 44.0 48.0	79.3 77.6 75.9 74.1 72.4 70.6 68.8 67.0 65.2 63.3 61.3 59.4 57.4 55.3	246,600° 246,600° 246,600° 233,800° 218,800° 202,800° 186,000 151,400 136,000 124,800 113,700 102,700 95,300

CK2750G-3 **LUFFING BOOM/JIB - LIFTING CHART**

70' E	oom										
7	150 ft .	lib	1.7	160 ft	Jib		170 ft	Jib		180 ft	Jib
oad adius (ft)	Boom Angle (deg.)	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)
2.0	79.3	240,000*	22.0	79.3	236,900 *	22.0	79.3	233,600 *	22.0	79.3	228,300*
4.0	77.6	240,000 *	24.0	77.6	236,900*	24.0	77.6	233,600 *	24.0	77.6	228,300*
6.0	75.9	240,000 *	26.0	75.9	236,900 *	26.0	75.9	233,600 *	26.0	75.9	228,300
8.0	74.1	227,800 *	28.0	74.1	224,900 *	28.0	74.1	222,000 *	28.0	74.1	217,300
0.0	72.4	213,400 *	30.0	72.4	210,800 *	30.0	72.4	208,100 *	30.0	72.4	204,000
2.0	70.6	197,700 *	32.0	70.6	195,200 *	32.0	70.6	192,500 *	32.0	70.6	188,500
4.0	68.8	181,100	34.0	68.8	179,100	34.0	68.8	176,100	34.0	68.8	172,100
5.0	67.0	163,900	36.0	67.0	162,600	36.0	67.0	159,000	36.0	67.0	155,100
8.0	65.2	146,700	38.0	65.2	146,100	38.0	65.2	141,900	38.0	65.2	138,100
0.0	63.3	131,400	40.0	63.3	131,400	40.0	63.3	126,800	40.0	63.3	123,100
2.0	61.3	120,400	42.0	61.3	120,300	42.0	61.3	115,800	42.0	61.3	112,200
4.0	59.4	109,400	44.0	59.4	109,200	44.0	59.4	104,700	44.0	59.4	101,300
6.0	57.4	98,500	46.0	57.4	98,200	46.0	57.4	93,800	46.0	57.4	90,500
8.0	55.3	91,100	48.0	55.3	90,900	48.0	55.3	86,700	48.0	55.3	83,300
0.0	53.2	83,800	50.0	53.2	83,600	50.0	53.2	79,500	50.0	53.2	76,200
5.0	47.5	68,300	55.0	47.5	68,000	55.0	47.5	64,100	55.0	47.5	60,900
Ree	eves	10	Ree	ves	8	Ree	eves	8	Ree	ves	8
71 7-1	oom									,,,,,	
	190 ft	<i>l</i> h	-	200 ft	Jb		_				
oad adius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
2.0	79.3	221,100*	22.0	79.3	214,200 *						
4.0	77.6	221,100*	24.0	77.6	214,200*						
5.0	75.9	221,100*	26.0	75.9	214,200*						
3.0	74.1	210,800 *	28.0	74.1	204,700*						
0.0	72.4	198,300 *	30.0	72.4	192,800 *						
2.0	70.6	183,100 *	32.0	70.6	177,800 *						
4.0	68.8	166,900	34.0	68.8	161,700						
0.5	67.0	150,100	36.0	67.0	145,000						
5.0	65.2	133,200	38.0	65.2	128,300						
	25.5	118,200	40.0	63.3	113,400						
8.0	63.3	407 400	42.0	61.3	102,800						
3.0 0.0 2.0	61.3	107,400			100,000						
3.0 0.0 2.0 4.0	61.3 59.4	96,600	44.0	59.4	92,200						
8.0 0.0 2.0 4.0 6.0	61.3 59.4 57.4	96,600 85,900	44.0 46.0	59.4 57.4	92,200 81,700						
8.0 0.0 2.0 4.0 6.0 8.0	61.3 59.4 57.4 55.3	96,600 85,900 78,900	44.0 46.0 48.0	59.4 57.4 55.3	92,200 81,700 74,700						
8.0 0.0 2.0 4.0 6.0	61.3 59.4 57.4	96,600 85,900	44.0 46.0	59.4 57.4	92,200 81,700						

Refer to notes on page 55 to 56.

Reeves

Reeves

8

Luffing Boom with Luffing Jib Lift Capacity

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

Load Padius (ft) 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0	70 ft 3 Boom Angle (deg.) 79.2 77.7 76.2	360° Rated Load (lbs)	Load Padius	80 ft . Boom	360°	Parent 1	90 ft .	360°	Load	100 ft Boom	70.5
24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0	Angle (deg.) 79.2 77.7	Rated Load (lbs)					Poom				
24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0	79.2 77.7	1 1	(ft)	Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Radius (ft)	Angle (deg.)	360° Rated Loa (lbs)
26.0 28.0 30.0 32.0 34.0 36.0 38.0	77.7	275,500 *	24.0	79.2	273,100 *	24.0	79.2	267,800 *	24.0	79.2	265,800 *
28.0 30.0 32.0 34.0 36.0 38.0		275,500 *	26.0	77.7	273,100 *	26.0	77.7	267,800 *	26.0	77.7	265,800 *
30.0 32.0 34.0 36.0 38.0		259,700 *	28.0	76.2	256,100 *	28.0	76.2	251,200 *	28.0	76.2	249,400 *
32.0 34.0 36.0 38.0	74.7	242,100 *	30.0	74.7	237,500 *	30.0	74.7	232,900 *	30.0	74.7	231,400 *
34.0 36.0 38.0	73.2	225,500 *	32.0	73.2	221,100 *	32.0	73.2	216,800 *	32.0	73.2	215,200
36.0 38.0	71.6	208,200	34.0	71.6	203,900	34.0	71.6	199,800	34.0	71.6	198,300
38.0	70.1	190,300	36.0	70.1	186,300	36.0	70.1	182,200	36.0	70.1	180,700
400000000000000000000000000000000000000	68.5	172,500	38.0	68.5	168,600	38.0	68.5	164,600	38.0	68.5	163,200
70.0	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
Reev	ves	10	Rec	ves	10	Ree	eves	10	Rec	ves	10
80' B				1020						705.0	
	110ft			120 ft			130 ft			140 ft	
Load Padius (ft)	Boom Angle (deg.)	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 Loa (lbs)
24.0	79.2	263,600 *	24.0	79.2	260,100 *	24.0	79.2	256,100 *	24.0	79.2	251,900
26.0	77.7	263,600 *	26.0	77.7	260,100 *	26.0	77.7	256,100 *	26.0	77.7	251,900
28.0	76.2	247,500 *	28.0	76.2	244,200 *	28.0	76.2	240,600 *	28.0	76.2	236,600
30.0	74.7	229,600 *	30.0	74.7	226,600 *	30.0	74.7	223,200 *	30.0	74.7	219,600
32.0	73.2	213,500 *	32.0	73.2	210,600 *	32.0	73.2	207,300 *	32.0	73.2	203,800
34.0	71.6	196,600	34.0	71.6	193,700	34.0	71.6	190,500	34.0	71.6	187,200
36.0	70.1	179,100	36.0	70.1	176,300	36.0	70.1	173,100	36.0	70.1	169,900
38.0	68.5	161,600	38.0	68.5	158,900	38.0	68.5	155,800	38.0	68.5	152,700
40.0	66.9	146,100	40.0	66.9	143,400	40.0	66.9	140,400	40.0	66.9	137,300
42.0	65.3	134,700	42.0	65.3	132,100	42.0	65.3	129,200	42.0	65.3	126,200
44.0	63.7	123,400	44.0	63.7	120,700	44.0	63.7	117,900	44.0	63.7	115,000
46.0	62.0	112,100	46.0	62.0	109,500	46.0	62.0	106,800	46.0	62.0	104,000
48.0	60.3	104,600	48.0	60.3	102,000	48.0	60.3	99,300	48.0	60.3	96,500
50.0	58.6	97,100	50.0	58.6	94,600	50.0	58.6	91,800	50.0	58.6	89,100
55.0	54.1	81,000	55.0	54.1	78,500	55.0	54.1	75,700	55.0	54.1	73,200
60.0	49.4	68,100	60.0	49.4	65,700	60.0	49.4	63,000	60.0	49.4	60,600
65.0	44.2	57,700	65.0	44.2	55,400	65.0	44.2	52,800	65.0	44.2	50,400
Reev		10		ves	10		eves	10		ves	10

CK2750G-3 **LUFFING BOOM/JIB - LIFTING CHART**

Reeves

80' E	doom										
	150 ft	Jib	11	160 ft	Jb	1	170 ft	Jib	2	180 ft	J ib
oad adius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Pated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
24.0	79.2	245,800 *	24.0	79.2	242,900 *	24.0	79.2	240,000*	24.0	79.2	235,200 *
26.0	77.7	245,800 *	26.0	77.7	242,900 *	26.0	77.7	240,000*	26.0	77.7	235,200 *
0.8	76.2	231,000 *	28.0	76.2	228,400 *	28.0	76.2	225,700 *	28.0	76.2	221,200*
0.0	74.7	214,500 *	30.0	74.7	212,100 *	30.0	74.7	209,500*	30.0	74.7	205,400 *
2.0	73.2	198,900 *	32.0	73.2	196,500 *	32.0	73.2	194,000*	32.0	73.2	190,200
4.0	71.6	182,400	34.0	71.6	180,000	34.0	71.6	177,700	34.0	71.6	173,900
6.0	70.1	165,300	36.0	70.1	163,000	36.0	70.1	160,700	36.0	70.1	157,000
8.0	68.5	148,200	38.0	68.5	145,900	38.0	68.5	143,700	38.0	68.5	140,100
0.0	66.9	132,900	40.0	66.9	130,900	40.0	66.9	128,500	40.0	66.9	125,000
2.0	65.3	121,800	42.0	65.3	120,500	42.0	65.3	117,500	42.0	65.3	114,200
4.0	63.7	110,700	44.0	63.7	110,100	44.0	63.7	106,500	44.0	63.7	103,300
6.0	62.0	99,800	46.0	62.0	99,800	46.0	62.0	95,600	46.0	62.0	92,500
8.0	60.3	92,500	48.0	60.3	92,500	48.0	60.3	88,300	48.0	60.3	85,300
0.0	58.6	85,100	50.0	58.6	85,100	50.0	58.6	81,100	50.0	58.6	78,000
5.0	54.1	69,400	55.0	54.1	69,400	55.0	54.1	65,600	55.0	54.1	62,600
0.0	49.4	56,900	60.0	49.4	56,900	60.0	49.4	53,200	60.0	49.4	50,400
5.0	44.2	47,000	65.0	44.2	46,800	65.0	44.2	43,300	65.0	44.2	40,600
Ree	eves	10	Ree	ves	10	Rec	eves	10	Ree	ves	8
80' E	loom										
	190 ft	Jib		200 ft	Jib		_				
oad adius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)						
24.0	79.2	228,600 *	24.0	79.2	222,400 *						
6.0	77.7	228,600 *	26.0	77.7	222,400 *						
8.0	76.2	215,100*	28.0	76.2	209,400 *						
0.0	74.7	199,900 *	30.0	74.7	194,600 *						
2.0	73.2	184,800 *	32.0	73.2	179,700 *						
4.0	71.6	168,800	34.0	71.6	163,800						
6.0	70.1	152,000	36.0	70.1	147,300						
8.0	68.5	135,300	38.0	68.5	130,800						
0.0	66.9	120,400	40.0	66.9	116,100						
4.65	65.3	109,600	42.0	65.3	105,300						
2.0	63.7	98,800	44.0	63.7	94,500						
and the same of the same of	12.25	88,100	46.0	62.0	83,900						
4.0	62.0		• TEACHT								
4.0 6.0	62.0 60.3		48.0	60.3	76,900						
2.0 4.0 6.0 8.0 0.0	60.3	81,000	48.0 50.0	60.3 58.6	76,900 69,800						
4.0 6.0 8.0 0.0	60.3 58.6	81,000 73,900	50.0	58.6	69,800						
4.0 6.0 8.0	60.3	81,000									

Refer to notes on page 55 to 56.

Reeves

Luffing Boom with Luffing Jib Lift Capacity

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

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

CK2750G-3 **LUFFING BOOM/JIB - LIFTING CHART**

Luffing Boom with Luffing Jib Lift Capacity

90' B	oom										
	150 ft	<i>l</i> ib		160 ft	Jib		170 ft	Jib	1	180 ft	Jib
Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
28.0	77.8	233,700 *	28.0	77.8	231,200 *	28.0	77.8	228,700 *	28.0	77.8	224,700 *
30,0	76,4	214,900 *	30.0	76.4	212,500 *	30.0	76.4	210,100 *	30.0	76.4	206,400 *
32.0	75.1	197,300 *	32.0	75.1	195,100 *	32.0	75.1	192,800 *	32.0	75.1	189,100 *
34.0	73.8	180,600	34.0	73.8	178,500	34.0	73.8	176,300	34.0	73.8	172,600
36.0	72.4	164,600	36.0	72.4	162,500	36.0	72.4	160,400	36.0	72.4	156,800
38.0	71.0	148,500	38.0	71.0	146,500	38.0	71.0	144,500	38.0	71.0	141,100
40.0	69.7	134,000	40.0	69.7	132,100	40.0	69.7	130,100	40.0	69.7	126,800
42.0	68.3	122,900	42.0	68.3	121,000	42.0	68.3	119,100	42.0	68.3	115,800
44.0	66.9	111,800	44.0	66.9	110,000	44.0	66.9	108,000	44.0	66.9	104,900
46.0	65.5	100,900	46.0	65.5	99,100	46.0	65.5	97,100	46.0	65.5	94,100
48.0	64.0	93,600	48.0	64.0	91,800	48.0	64.0	89,800	48.0	64.0	86,800
50.0	62.5	86,200	50.0	62.5	84,500	50.0	62.5	82,500	50.0	62.5	79,500
55.0	58.8	70,500	55.0	58.8	68,700	55.0	58.8	66,800	55.0	58.8	64,000
60.0	54.8	57,800	60.0	54.8	56,300	60.0	54.8	54,300	60.0	54.8	51,600
65.0	50.7	47,700	65.0	50.7	47,500	65.0	50.7	44,200	65.0	50.7	41,700
70.0	46.2	39,500	70.0	46.2	39,500	70.0	46.2	36,200	70.0	46.2	33,700
Ree	ves	10									
90' B	oom										
	190 ft	Jib		200 ft	J b						
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
28.0	77.8	219,000 *	28.0	77.8	213,800 *						
30.0	76.4	200,900 *	30.0	76.4	195,900 *						
32.0	75.1	183,900 *	32.0	75.1	179,000 *						
34.0	73.8	167,700	34.0	73.8	162,900						
36.0	72.4	152,000	36.0	72.4	147,400						
38.0	71.0	136,300	38.0	71.0	131,800						
40.0	69.7	122,200	40.0	69.7	117,800						
42.0	68.3	111,400	42.0	68.3	107,200						
44.0	66.9	100,600	44.0	66.9	96,500						
46.0	65.5	89,900	46.0	65.5	85,900						
48.0	64.0	82,700	48.0	64.0	78,800						
50.0	62.5	75,500	50.0	62.5	71,700						
55.0	58.8	60,100	55.0	58.8	56,500						
60.0	54.8	47,900	60.0	54.8	44,400						
65.0	50.7	38,200	65.0	50.7	34,700						
70.0	46.2	30,400	70.0	46.2	27,000						

Luffing Boom with Luffing Jib Lift Capacity

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

(ft) (deg.) 28.0 79.0 24 30.0 77.8 23 32.0 76.6 21 34.0 75.4 26 38.0 73.0 17 40.0 71.8 18 42.0 70.6 14 44.0 69.3 13 46.0 68.1 12 48.0 66.8 17 55.0 62.3 63 60.0 58.9 67 65.0 55.4 66 65.0 55.4 70.0 51.7 75.0 47.8 47.8 Reeves 100' Boom 110 ft Jib Load Room Radius (ft) (deg.) 28.0 79.0 23 30.0 77.8 22 32.0 76.6 26 34.0 75.4 19 38.0 73.0 16 44.0 69.3 12 44.0 70.6 13 44.0 70.6 13 44.0 70.6 13 44.0 69.3 12 46.0 68.1 17	ated Load (lbs) 244,600 * 232,800 * 217,200 * 201,800 186,500 171,200 145,400 133,800 122,300 114,500 106,700 90,000 76,600 65,900 57,000 49,500	Load Radius (ft) 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	120 ft . Boom Angle	360° Rated Load (lbs) 244,800 * 233,000 * 217,500 * 202,000 186,700 171,400 157,200 145,700 134,100 122,700 114,900 107,100 90,400 77,100 66,300 57,500 50,000	Load Radius (ft) 28.0 30.0 32.0 34.0 36.0 38.0 40.0 44.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	90ft J Boom Angle (deg.) 79.0 77.8 76.6 75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	360° Pated Load (lbs) 240,800 * 229,100 * 213,600 * 198,400 168,000 153,900 142,400 130,800 119,400 111,700 103,900 87,400 74,200 63,400 54,800 47,300		79.0 77.8 76.6 75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	360° Rated Load (lbs) 236,900 * 225,400 * 210,100 * 194,900 179,700 164,600 139,200 116,500 101,200 84,800 71,600 61,000 52,500 45,100
Radius (ft) (deg.) 28.0 79.0 24 30.0 77.8 23 32.0 76.6 21 34.0 75.4 20 38.0 73.0 17 40.0 71.8 18 42.0 70.6 14 44.0 69.3 13 46.0 68.1 12 48.0 66.8 17 55.0 62.3 63 60.0 58.9 65.5 55.0 65.0 55.4 66 70.0 51.7 75.0 47.8 47.8 Reeves 100' Boom 110ft Jib Load Radius (deg.) Red (ft) Radius (deg.) 28.0 79.0 23 30.0 77.8 22 32.0 76.6 20 34.0 75.4 19 36.0 74.2 17 38.0 73.0 16 44.0 69.3 12 44.0 70.6 13 44.0 69.3 12 44.0 70.6 13 44.0 69.3 12 45.0 70.6 13 46.0 68.1 17 48.0 66.8 16	ated Load (lbs) 244,600 * 232,800 * 217,200 * 201,800 186,500 171,200 145,400 133,800 122,300 114,500 106,700 90,000 76,600 65,900 57,000 49,500	Radius (ft) 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 50.0 55.0 60.0 65.0 70.0 75.0 Ree Load Radius (ft)	79.0 77.8 76.6 75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	Rated Load (lbs) 244,800 * 233,000 * 217,500 * 202,000 186,700 171,400 157,200 145,700 134,100 122,700 114,900 107,100 90,400 77,100 66,300 57,500 50,000	Reedius (ft) 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 70.0 75.0	79.0 77.8 76.6 75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	Rated Load (lbs) 240,800 * 229,100 * 213,600 * 198,400 168,000 153,900 142,400 130,800 119,400 111,700 103,900 87,400 74,200 63,400 54,800 47,300	Reedius (ft) 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	79.0 77.8 76.6 75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	Rated Load (lbs) 236,900 * 225,400 * 210,100 * 194,900 150,700 139,200 127,800 116,500 108,900 71,600 61,000 52,500 45,100
30.0 77.8 23 32.0 76.6 21 34.0 75.4 20 36.0 74.2 18 38.0 73.0 17 40.0 71.8 18 42.0 70.6 14 44.0 69.3 13 46.0 68.1 12 48.0 66.8 17 50.0 65.5 10 55.0 62.3 60.0 58.9 67 65.0 55.4 66 70.0 51.7 75.0 47.8 47.8 Reeves 100' Boom 110 ft Jb Load Room Angle (deg.) 28.0 79.0 23 30.0 77.8 22 31.0 76.6 20 34.0 75.4 19 38.0 73.0 16 44.0 69.3 12 44.0 70.6 13 44.0 70.6 13 44.0 69.3 12 48.0 66.8 10	232,800 * 217,200 * 201,800 186,500 171,200 157,000 145,400 133,800 122,300 114,500 106,700 90,000 76,600 65,900 57,000 49,500	30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 50.0 55.0 60.0 65.0 70.0 75.0	77.8 76.6 75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	233,000 * 217,500 * 202,000 186,700 171,400 157,200 145,700 134,100 122,700 114,900 107,100 90,400 77,100 66,300 57,500 50,000	30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0	77.8 76.6 75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	229,100 * 213,600 * 198,400 183,200 168,000 153,900 142,400 130,800 119,400 111,700 103,900 87,400 74,200 63,400 54,800 47,300	30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	77.8 76.6 75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	225,400 * 210,100 * 194,900 179,700 164,600 150,700 139,200 116,500 101,200 84,800 71,600 61,000 52,500 45,100
30.0 77.8 23 32.0 76.6 21 34.0 75.4 20 36.0 74.2 18 38.0 73.0 17 40.0 71.8 18 42.0 70.6 14 44.0 69.3 13 46.0 68.1 12 48.0 66.8 17 50.0 65.5 10 55.0 62.3 9 65.0 55.4 66 70.0 51.7 55.0 47.8 47.8 Reeves 100' Boom 110ft Jb Load Room Radius (ft) (deg.) 28.0 79.0 23 30.0 77.8 22 31.0 76.6 20 34.0 75.4 19 38.0 73.0 16 44.0 69.3 12 44.0 70.6 13 44.0 70.6 13 44.0 69.3 12 46.0 68.1 15 48.0 66.8 10	232,800 * 217,200 * 201,800 186,500 171,200 157,000 145,400 133,800 122,300 114,500 106,700 90,000 76,600 65,900 57,000 49,500	30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 50.0 55.0 60.0 65.0 70.0 75.0	77.8 76.6 75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	233,000 * 217,500 * 202,000 186,700 171,400 157,200 145,700 134,100 122,700 114,900 107,100 90,400 77,100 66,300 57,500 50,000	30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0	77.8 76.6 75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	229,100 * 213,600 * 198,400 183,200 168,000 153,900 142,400 130,800 119,400 111,700 103,900 87,400 74,200 63,400 54,800 47,300	30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	77.8 76.6 75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	225,400 * 210,100 * 194,900 179,700 164,600 150,700 139,200 116,500 108,900 101,200 84,800 71,600 61,000 52,500 45,100
32.0 76.6 21 34.0 75.4 20 36.0 74.2 18 38.0 73.0 17 40.0 71.8 18 42.0 70.6 14 44.0 69.3 13 46.0 68.1 12 48.0 66.8 17 50.0 65.5 10 55.0 62.3 9 65.0 55.4 66 70.0 51.7 75.0 47.8 47.8 47.8 47.8 47.8 47.8 47.8 47.8	217,200 * 201,800 186,500 171,200 157,000 145,400 133,800 122,300 114,500 106,700 90,000 76,600 65,900 57,000 49,500	34.0 36.0 38.0 40.0 42.0 44.0 46.0 55.0 60.0 65.0 70.0 75.0	76.6 75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	217,500 * 202,000 186,700 171,400 157,200 145,700 134,100 122,700 114,900 107,100 90,400 77,100 66,300 57,500 50,000	32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0	76.6 75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	213,600 * 198,400 183,200 168,000 153,900 142,400 130,800 119,400 111,700 103,900 87,400 74,200 63,400 54,800 47,300	32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	76.6 75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	210,100 * 194,900 179,700 164,600 150,700 139,200 116,500 108,900 101,200 84,800 71,600 61,000 52,500 45,100
34.0 75.4 20 36.0 74.2 18 38.0 73.0 17 40.0 71.8 18 42.0 70.6 14 44.0 69.3 13 46.0 68.1 17 48.0 66.8 17 50.0 65.5 10 55.0 62.3 9 65.0 55.4 66 70.0 51.7 75.0 47.8 20 Reeves 100' Boom 110ft Jb Load Boom Angle (deg.) 28.0 79.0 23 30.0 77.8 22 32.0 76.6 20 34.0 75.4 19 38.0 73.0 16 44.0 69.3 12 44.0 70.6 13 44.0 69.3 12 46.0 68.1 11 48.0 66.8 10	201,800 186,500 171,200 157,000 145,400 133,800 122,300 114,500 106,700 90,000 76,600 65,900 57,000 49,500	34.0 36.0 38.0 40.0 42.0 44.0 46.0 55.0 60.0 65.0 70.0 75.0	75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	202,000 186,700 171,400 157,200 145,700 134,100 122,700 114,900 107,100 90,400 77,100 66,300 57,500 50,000 10	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	198,400 183,200 168,000 153,900 142,400 130,800 119,400 111,700 103,900 87,400 74,200 63,400 54,800 47,300	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	75.4 74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	194,900 179,700 164,600 150,700 139,200 127,800 116,500 101,200 84,800 71,600 61,000 52,500 45,100
38.0 73.0 17 40.0 71.8 18 42.0 70.6 14 44.0 69.3 13 46.0 68.1 12 48.0 66.8 17 55.0 62.3 9 65.0 55.4 66 70.0 51.7 75.0 47.8 47.8 Reeves 100' Boom 110ft Jib Load Boom Angle (deg.) 28.0 79.0 23 30.0 77.8 22 32.0 76.6 20 34.0 75.4 19 36.0 74.2 17 38.0 73.0 16 44.0 69.3 12 44.0 69.3 12 48.0 66.8 16	171,200 157,000 145,400 133,800 122,300 114,500 106,700 90,000 76,600 65,900 57,000 49,500 10	38.0 40.0 42.0 44.0 46.0 50.0 55.0 60.0 65.0 70.0 75.0	73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	171,400 157,200 145,700 134,100 122,700 114,900 107,100 90,400 77,100 66,300 57,500 50,000 10	38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	168,000 153,900 142,400 130,800 119,400 111,700 103,900 87,400 74,200 63,400 54,800 47,300	38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	74.2 73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	164,600 150,700 139,200 127,800 116,500 101,200 84,800 71,600 61,000 52,500 45,100
38.0 73.0 17 40.0 71.8 18 42.0 70.6 14 44.0 69.3 13 46.0 68.1 12 48.0 66.8 17 50.0 65.5 10 55.0 62.3 9 65.0 55.4 66 70.0 51.7 75.0 47.8 47.8 Reeves 100' Boom 110ft Jib Load Boom Angle (deg.) 28.0 79.0 23 30.0 77.8 22 33.0 76.6 20 34.0 75.4 19 36.0 74.2 17 38.0 73.0 16 44.0 69.3 12 46.0 68.1 11 48.0 66.8 10	171,200 157,000 145,400 133,800 122,300 114,500 106,700 90,000 76,600 65,900 57,000 49,500 10	38.0 40.0 42.0 44.0 46.0 50.0 55.0 60.0 65.0 70.0 75.0	73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	157,200 145,700 134,100 122,700 114,900 107,100 90,400 77,100 66,300 57,500 50,000 10	38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	168,000 153,900 142,400 130,800 119,400 111,700 103,900 87,400 74,200 63,400 54,800 47,300	38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	73.0 71.8 70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	164,600 150,700 139,200 127,800 116,500 108,900 101,200 84,800 71,600 61,000 52,500 45,100
42.0 70.6 14 44.0 69.3 13 46.0 68.1 12 48.0 66.8 12 50.0 65.5 10 55.0 62.3 9 65.0 55.4 66 70.0 51.7 75.0 47.8 2 Reeves 100' Boom 110ft Jib Load Padius (deg.) 28.0 79.0 23 30.0 77.8 22 32.0 76.6 20 34.0 75.4 19 36.0 74.2 17 38.0 73.0 16 44.0 69.3 12 44.0 69.3 12 46.0 68.1 15 48.0 66.8 10	145,400 133,800 122,300 114,500 106,700 90,000 76,600 65,900 57,000 49,500 10	42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	145,700 134,100 122,700 114,900 107,100 90,400 77,100 66,300 57,500 50,000	42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	153,900 142,400 130,800 119,400 111,700 103,900 87,400 74,200 63,400 54,800 47,300	42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	70.6 69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	139,200 127,800 116,500 108,900 101,200 84,800 71,600 61,000 52,500 45,100
### Add #### Add ### A	133,800 122,300 114,500 106,700 90,000 76,600 65,900 57,000 49,500	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	145,700 134,100 122,700 114,900 107,100 90,400 77,100 66,300 57,500 50,000	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	130,800 119,400 111,700 103,900 87,400 74,200 63,400 54,800 47,300	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	69.3 68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	127,800 116,500 108,900 101,200 84,800 71,600 61,000 52,500 45,100
46.0 68.1 12 48.0 66.8 14 50.0 65.5 10 55.0 62.3 60.0 58.9 76.0 55.4 66.0 77.5 75.0 47.8 75.0 47.8 75.0 76.6	122,300 114,500 106,700 90,000 76,600 65,900 57,000 49,500	46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	122,700 114,900 107,100 90,400 77,100 66,300 57,500 50,000	46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	119,400 111,700 103,900 87,400 74,200 63,400 54,800 47,300	46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	68.1 66.8 65.5 62.3 58.9 55.4 51.7 47.8	116,500 108,900 101,200 84,800 71,600 61,000 52,500 45,100
48.0 66.8 17.5	114,500 106,700 90,000 76,600 65,900 57,000 49,500 10	48.0 50.0 55.0 60.0 65.0 70.0 75.0	66.8 65.5 62.3 58.9 55.4 51.7 47.8	114,900 107,100 90,400 77,100 66,300 57,500 50,000	48.0 50.0 55.0 60.0 65.0 70.0 75.0	66.8 65.5 62.3 58.9 55.4 51.7 47.8	111,700 103,900 87,400 74,200 63,400 54,800 47,300	48.0 50.0 55.0 60.0 65.0 70.0 75.0	66.8 65.5 62.3 58.9 55.4 51.7 47.8	108,900 101,200 84,800 71,600 61,000 52,500 45,100
So.0 65.5 10 10 10 10 10 10 10 1	106,700 90,000 76,600 65,900 57,000 49,500 10	50.0 55.0 60.0 65.0 70.0 75.0	65.5 62.3 58.9 55.4 51.7 47.8	107,100 90,400 77,100 66,300 57,500 50,000 10	50.0 55.0 60.0 65.0 70.0 75.0	65.5 62.3 58.9 55.4 51.7 47.8	103,900 87,400 74,200 63,400 54,800 47,300	50.0 55.0 60.0 65.0 70.0 75.0	65.5 62.3 58.9 55.4 51.7 47.8	101,200 84,800 71,600 61,000 52,500 45,100
Seeves S	90,000 76,600 65,900 57,000 49,500	55.0 60.0 65.0 70.0 75.0	62.3 58.9 55.4 51.7 47.8	90,400 77,100 66,300 57,500 50,000	55.0 60.0 65.0 70.0 75.0	62.3 58.9 55.4 51.7 47.8	87,400 74,200 63,400 54,800 47,300	55.0 60.0 65.0 70.0 75.0	62.3 58.9 55.4 51.7 47.8	84,800 71,600 61,000 52,500 45,100
Reeves 100' Boom 110ft Jb Load Rodge (deg.) 28.0 79.0 23 30.0 77.8 22 32.0 76.6 20 34.0 75.4 19 36.0 74.2 17 38.0 73.0 16 44.0 69.3 12 44.0 69.3 12 46.0 68.1 11 48.0 66.8 10	76,600 65,900 57,000 49,500	60.0 65.0 70.0 75.0	58.9 55.4 51.7 47.8 47.8	77,100 66,300 57,500 50,000	60.0 65.0 70.0 75.0	58.9 55.4 51.7 47.8	74,200 63,400 54,800 47,300	60.0 65.0 70.0 75.0	58.9 55.4 51.7 47.8	71,600 61,000 52,500 45,100
Reeves 100' Boom 110ft Jib Load Redius (deg.) 28.0 79.0 23 30.0 77.8 22 32.0 76.6 20 34.0 75.4 19 36.0 74.2 17 38.0 73.0 16 44.0 69.3 12 44.0 69.3 12 44.0 66.8 16	65,900 57,000 49,500 10 360° ated Load (lbs)	65.0 70.0 75.0 Ree Load Radius (ft)	55.4 51.7 47.8 47.8	66,300 57,500 50,000 10 Jb 360° Rated Load	65.0 70.0 75.0 Res	55.4 51.7 47.8 47.8	63,400 54,800 47,300	65.0 70.0 75.0 Ree	55.4 51.7 47.8 eves	61,000 52,500 45,100
Reeves 100' Boom 110ft Jib Load Redius (deg.) 28.0 79.0 23 30.0 77.8 22 32.0 76.6 20 34.0 75.4 19 36.0 74.2 17 38.0 73.0 16 44.0 70.6 13 44.0 69.3 12 44.0 69.3 12 48.0 66.8 16	10 360° ated Load (lbs)	70.0 75.0 Ree Load Radius (ft)	47.8 47.8 eves 120 ft. Boom Angle	57,500 50,000 10 Jb 360° Rated Load	70.0 75.0	51.7 47.8 eves	54,800 47,300 10	70.0 75.0 Ree	51.7 47.8 eves	52,500 45,100 10
Reeves 100' Boom 110ft Jib Load Redius (ft) Angle (deg.) 28.0 79.0 23 30.0 77.8 22 32.0 76.6 20 34.0 75.4 19 36.0 74.2 17 38.0 73.0 16 40.0 71.8 14 42.0 70.6 13 44.0 69.3 12 46.0 68.1 11 48.0 66.8 10	10 360° I ated Load (lbs)	Ree Load Radius (ft)	47.8 eves 120 ft. Boom Angle	50,000 10 Jb 360° Rated Load	75.0	47.8 eves 130 ft	47,300 10	75.0 Ree	47.8 eves	45,100 10
Reeves 100' Boom 110ft Jib Load Radius (ft) Angle (deg.) 28.0 79.0 23 30.0 77.8 22 32.0 76.6 20 34.0 75.4 19 36.0 74.2 17 38.0 73.0 16 40.0 71.8 14 42.0 70.6 13 44.0 69.3 12 46.0 68.1 11 48.0 66.8 10	360° Interest Load (fbs)	Ree Load Padius (ft)	120 ft Soom Angle	Jb 360° Rated Load	Ree	130 ft	10 Jb	Ree	eves	10 Jib
100' Boom 110ft Jib Load Boom Padius (deg.) 28.0 79.0 23 30.0 77.8 22 32.0 76.6 20 34.0 75.4 19 38.0 73.0 16 40.0 71.8 14 42.0 70.6 13 44.0 69.3 12 46.0 68.1 11 48.0 66.8	360° lated Load (lbs)	Load Radius (ft)	120 ft . Boom Angle	Jib 360° Rated Load	Load	130 ft	J b		140 ft .	Jib
110 ft Jib	ated Load F (lbs)	Radius (ft)	Boom Angle	360° Rated Load		Boom		la set		
Load Padius (ft) Boom Angle (deg.) Pate 28.0 79.0 23 30.0 77.8 22 32.0 76.6 20 34.0 75.4 15 38.0 73.0 16 40.0 71.8 14 42.0 70.6 13 44.0 69.3 12 46.0 68.1 11 48.0 66.8 10	ated Load F (lbs)	Radius (ft)	Boom Angle	360° Rated Load		Boom		James		
Readius (ft) Angle (deg.) Readius (de	ated Load F (lbs)	Radius (ft)	Angle	Rated Load		Boom	W. W. W. W.	Land	Boom	360°
28.0 79.0 23 30.0 77.8 22 32.0 76.6 20 34.0 75.4 19 36.0 74.2 17 38.0 73.0 16 40.0 71.8 14 42.0 70.6 13 44.0 69.3 12 46.0 68.1 11 48.0 66.8 10		-	(deg.)	(lbs)	(ft)	Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Angle (deg.)	Rated Loa (lbs)
30.0 77.8 22 32.0 76.6 20 34.0 75.4 19 36.0 74.2 17 38.0 73.0 16 40.0 71.8 14 42.0 70.6 13 44.0 69.3 12 46.0 68.1 11 48.0 66.8 10	233,600 *	28.0	79.0	229,400 *	28.0	79.0	226,300 *	28.0	79.0	222,700 *
32.0 76.6 20 34.0 75.4 19 36.0 74.2 17 38.0 73.0 16 40.0 71.8 14 42.0 70.6 13 44.0 69.3 12 46.0 68.1 11 48.0 66.8 10		30.0	77.8	218,400 *	30.0	77.8	215,300 *	30.0	77.8	211,800 *
34.0 75.4 19 36.0 74.2 17 38.0 73.0 16 40.0 71.8 14 42.0 70.6 13 44.0 69.3 12 46.0 68.1 11 48.0 66.8 10		32.0	76.6	203,200 *	32.0	76.6	200,300 *	32.0	76.6	197,100 *
36.0 74.2 17 38.0 73.0 16 40.0 71.8 14 42.0 70.6 13 44.0 69.3 12 46.0 68.1 11 48.0 66.8 10		34.0	75.4	188,200	34.0	75.4	185,300	34.0	75.4	182,300
38.0 73.0 16 40.0 71.8 14 42.0 70.6 13 44.0 69.3 12 46.0 68.1 11 48.0 66.8 10		36.0	74.2	173,200	36.0	74.2	170,500	36.0	74.2	167,500
40.0 71.8 14 42.0 70.6 13 44.0 69.3 12 46.0 68.1 11 48.0 66.8 10		38.0	73.0	158,300	38.0	73.0	155,600	38.0	73.0	152,700
42.0 70.6 13 44.0 69.3 12 46.0 68.1 11 48.0 66.8 1 0		40.0	71.8	144,500	40.0	71.8	141,900	40.0	71.8	139,100
44.0 69.3 12 46.0 68.1 11 48.0 66.8 10		42.0	70.6	133,300	42.0	70.6	130,700	42.0	70.6	127,900
46.0 68.1 11 48.0 66.8 10		44.0	69.3	122,000	44.0	69.3	119,500	44.0	69.3	116,800
48.0 66.8 10		46.0	68.1	110,800	46.0	68.1	108,400	46.0	68.1	105,700
		48.0	66.8	103,200	48.0	66.8	100,900	48.0	66.8	98,300
		50.0	65.5	95,600	50.0	65.5	93,300	50.0	65.5	90,800
	ACCOUNT OF THE PARTY OF THE PAR	55.0	62.3	79,400	55.0	62.3	77,200	55.0	62.3	74,800
		60.0	58.9	66,500	60.0	58.9	64,300	60.0	58.9	61,900
	According to the second	65.0	55.4	56,100	65.0	55.4	53,900	65.0	55.4	51,700
	The second second	70.0	51.7	47,600	70.0	51.7	45,400	70.0	51.7	43,400
75.0 47.8 4	42,800	75.0	47.8	40,300	75.0	47.8	38,100	75.0	47.8	36,200

CK2750G-3 LUFFING BOOM/JIB - LIFTING CHART

Reeves

Luffing Boom with Luffing Jib Lift Capacity

100'	Boom										
70.00	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° Pated Load (lbs)
28.0	79.0	217,700*	28.0	79.0	215,400 *	28.0	79.0	212,800 *	28.0	79.0	209,000*
30.0	77.8	207,000 *	30.0	77.8	204,900 *	30.0	77.8	202,500 *	30.0	77.8	198,700 *
32.0	76.6	192,400 *	32.0	76.6	190,300 *	32.0	76.6	188,100 *	32.0	76.6	184,300 *
34.0	75.4	177,700	34.0	75.4	175,800	34.0	75.4	173,600	34.0	75.4	170,000
36.0	74.2	163,100	36.0	74.2	161,200	36.0	74.2	159,100	36.0	74.2	155,600
38.0	73.0	148,400	38.0	73.0	146,600	38.0	73.0	144,600	38.0	73.0	141,200
40.0	71.8	134,900	40.0	71.8	133,100	40.0	71.8	131,200	40.0	71.8	127,900
42.0	70.6	123,800	42.0	70.6	122,100	42.0	70.6	120,200	42.0	70.6	116,900
44.0	69,3	112,700	44.0	69.3	111,000	44.0	69.3	109,100	44.0	69.3	106,000
46.0	68.1	101,800	46.0	68.1	100,000	46.0	68.1	98,200	46.0	68,1	95,200
48.0	66.8	94,400	48.0	66.8	92,600	48.0	66.8	90,900	48.0	66.8	87,900
50.0	65.5	87,000	50.0	65.5	85,200	50.0	65.5	83,500	50.0	65.5	80,600
55.0	62.3	71,200	55.0	62.3	70,100	55.0	62.3	67,700	55.0	62.3	65,100
60.0	58.9	58,600	60.0	58.9	58,600	60.0	58.9	55,100	60.0	58.9	52,700
65.0	55.4	48,400	65.0	55.4	48,400	65.0	55.4	45,100	65.0	55.4	42,600
70.0	51.7	40,200	70.0	51.7	40,200	70.0	51.7	36,900	70.0	51.7	34,600
75.0	47.8	33,200	75,0	47.8	33,200	75.0	47.8	30,000	75.0	47.8	27,700
	eves Boom	8	160	ves	8	Ree	100	8	100	ves	8
	190 ft			200 ft							
Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)						
28.0	79.0	203,500 *	28.0	79.0	198,400 *						
30.0	77.8	193,500*	30.0	77.8	188,700 *						
32.0	76.6	179,400*	32.0	76.6	174,700 *						
34.0	75.4	165,200	34.0	75.4	160,600						
36.0	74.2	150,900	36.0	74.2	146,500						
38.0	73.0	136,700	38.0	73.0	132,400						
40.0	71.8	123,500	40.0	71.8	119,400						
42.0	70.6	112,700	42.0	70.6	108,600						
	69.3	101,900	44.0	69.3	97,900						
44.0	68.1	91,200	46.0	68.1	87,200						
44.0 46.0	00.1	83,900	48.0	66.8	80,100						
46.0 48.0	66.8	03,900		65.5	73,000						
46.0 48.0 50.0	66.8 65.5	76,700	50.0						1		
46.0 48.0 50.0	66.8		50.0 55.0	62.3	57,800						
46.0	66.8 65.5 62.3 58.9	76,700	55.0 60.0	62.3 58.9	57,800 45,700						
46.0 48.0 50.0 55.0 60.0	66.8 65.5 62.3	76,700 61,200	55.0	62.3							
46.0 48.0 50.0 55.0 60.0 65.0 70.0	66.8 65.5 62.3 58.9 55.4 51.7	76,700 61,200 49,000	55.0 60.0 65.0 70.0	62.3 58.9 55.4 51.7	45,700						
46.0 48.0 50.0 55.0 60.0 65.0	66.8 65.5 62.3 58.9 55.4	76,700 61,200 49,000 39,100	55.0 60.0 65.0	62.3 58.9 55.4	45,700 36,000						
46.0 48.0 50.0 55.0 60.0 65.0 70.0	66.8 65.5 62.3 58.9 55.4 51.7	76,700 61,200 49,000 39,100 31,100	55.0 60.0 65.0 70.0	62.3 58.9 55.4 51.7	45,700 36,000 28,000						
46.0 48.0 50.0 55.0 60.0 65.0 70.0	66.8 65.5 62.3 58.9 55.4 51.7	76,700 61,200 49,000 39,100 31,100	55.0 60.0 65.0 70.0	62.3 58.9 55.4 51.7	45,700 36,000 28,000						
46.0 48.0 50.0 55.0 60.0 65.0 70.0	66.8 65.5 62.3 58.9 55.4 51.7	76,700 61,200 49,000 39,100 31,100	55.0 60.0 65.0 70.0	62.3 58.9 55.4 51.7	45,700 36,000 28,000						

Refer to notes on page 55 to 56.

Reeves

Luffing Boom with Luffing Jib Lift Capacity

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

				100000		-					201
70 ft Jb				80 ft J			90 ft .			100 ft	
Load Radius (ft)	Boom Angle (deg.)	360' Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)
30.0	79.0	219,200 *	30.0	79.0	215,500 *	30.0	79.0	211,500 *	30.0	79.0	208,900 *
32.0	77.9	213,000 *	32.0	77.9	209,400 *	32.0	77.9	205,600 *	32.0	77.9	203,100 *
34.0	76.8	202,100	34.0	76.8	198,600	34.0	76.8	194,900	34.0	76.8	192,600
36.0	75.7	188,100	36.0	75.7	184,700	36.0	75.7	181,000	36.0	75.7	178,800
38.0	74.6	174,000	38.0	74.6	170,700	38.0	74.6	167,100	38.0	74.6	165,000
40.0	73.5	160,700	40.0	73.5	157,400	40.0	73.5	154,000	40.0	73.5	152,000
42.0	72.4	149,000	42.0	72.4	145,800	42.0	72.4	142,500	42.0	72.4	140,500
44.0	71.3	137,300	44.0	71.3	134,200	44.0	71.3	131,000	44.0	71.3	129,000
46.0	70.2	125,800	46.0	70.2	122,700	46.0	70.2	119,600	46.0	70.2	117,600
48.0	69.1	118,000	48.0	69.1	114,900	48.0	69.1	111,900	48.0	69.1	109,900
50.0	67.9	110,200	50.0	67.9	107,100	50.0	67.9	104,200	50.0	67.9	102,200
55.0	65.0	93,400	55.0	65.0	90,400	55.0	65.0	87,600	55.0	65.0	85,600
60.0	62.1	79,900	60.0	62.1	77,100	60.0	62.1	74,400	60.0	62.1	72,500
65.0	59.0	69,000	65.0	59.0	66,300	65.0	59.0	63,700	65.0	59.0	61,900
70.0	55.8	60,100	70.0	55.8	57,500	70.0	55.8	54,800	70.0	55.8	53,200
75.0	52.5	52,400	75.0	52.5	49,900	75.0	52.5	47,300	75.0	52.5	45,700
80.0	49.0	45,700	80.0	49.0	43,300	80.0	49.0	40,900	80.0	49.0	39,200
85.0	45.4	40,200	85.0	45.4	37,800	85.0	45.4	35,500	85.0	45.4	33,800
Ree	ves	8	Rec	ves	8	Rec	eves	8	Rec	ves	8
	Boom		100			, 50	Tectos 0 Tectos		100		
110							-		_		
	110 ft			120 ft	777	130 ft Jib			140 ft Jib		
Load Padius (ft)	Boom Angle (deg.)	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° Pated Load (lbs)
30.0	79.0	204,700 *	30.0	79.0	200,800*	30.0	79.0	198,000 *	30.0	79.0	194,700 *
32.0	77.9	199,100 *	32.0	77.9	195,300 *	32.0	77.9	192,600 *	32.0	77.9	189,500 *
34.0	76.8	188,700	34.0	76.8	185,000	34.0	76.8	182,400	34.0	76.8	179,300
36.0	75.7	174,900	36.0	75.7	171,400	36.0	75.7	168,900	36.0	75.7	165,900
38.0	74.6	161,200	38.0	74.6	157,800	38.0	74.6	155,400	38.0	74.6	152,500
40.0	73.5	148,300	40.0	73.5	145,000	40.0	73.5	142,600	40.0	73.5	139,700
42.0	72.4	136,900	42.0	72.4	133,700	42.0	72.4	131,300	42.0	72.4	128,500
44.0	71.3	125,600	44.0	71.3	122,400	44.0	71.3	120,000	44.0	71.3	117,300
46.0	70.2	114,300	46.0	70.2	111,200	46.0	70.2	108,800	46.0	70.2	106,200
48.0	69.1	106,700	48.0	69.1	103,600	48.0	69.1	101,300	48.0	69.1	98,700
50.0	67.9	99,000	50.0	67.9	96,100	50.0	67.9	93,800	50.0	67.9	91,300
55.0	65.0	82,600	55.0	65.0	79,800	55.0	65.0	77,600	55.0	65.0	75,300
60.0	62.1	69,600	60.0	62.1	66,800	60.0	62.1	64,800	60.0	62.1	62,600
65.0	59.0	59,000	65.0	59.0	56,300	65.0	59.0	54,400	65.0	59.0	52,200
70.0	55.8	50,300	70.0	55.8	47,800	70.0	55.8	45,900	70.0	55.8	43,800
75.0	52.5	43,000	75.0	52.5	40,600	75.0	52.5	38,600	75.0	52.5	36,600
80.0	49.0	36,700	80.0	49.0	34,300	80.0	49.0	32,300	80.0	49.0	30,400
85.0	45.4	31,400	85.0	45.4	28,900	85.0	45,4	27,000	85,0	45.4	25,200

CK2750G-3 **LUFFING BOOM/JIB - LIFTING CHART**

110	Boom										
	150 ft	lib .		160 ft	J b	T	170 ft	Jib		180 ft	lib
Load Padius (ft)	Boom Angle (deg.)	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 Padius (ft)	Boom Angle (deg.)	360° Pated Load (lbs)
30.0	79.0	189,900*	30.0	79.0	187,700 *	30.0	79.0	185,500 *	30.0	79.0	181,800 *
32.0	77.9	184,800 *	32.0	77.9	182,700 *	32.0	77.9	180,700 *	32.0	77.9	177,100 *
34.0	76.8	174,800	34.0	76.8	172,900	34.0	76.8	170,900	34.0	76.8	167,400
36.0	75.7	161,600	36.0	75.7	159,700	36.0	75.7	157,700	36.0	75.7	154,400
38.0	74.6	148,300	38.0	74.6	146,500	38.0	74.6	144,600	38.0	74.6	141,400
0,04	73.5	135,800	40.0	73.5	134,000	40.0	73,5	132,100	40.0	73.5	129,000
2.0	72.4	124,600	42.0	72.4	122,900	42.0	72.4	121,000	42.0	72.4	118,000
4.0	71.3	113,500	44.0	71.3	111,800	44.0	71.3	110,000	44.0	71.3	107,100
16.0	70.2	102,400	46.0	70.2	100,900	46.0	70.2	99,100	46.0	70.2	96,300
8.0	69.1	95,000	48.0	69.1	93,500	48.0	69.1	91,700	48.0	69.1	88,900
0.0	67.9	87,600	50.0	67.9	86,100	50.0	67.9	84,300	50.0	67.9	81,600
5.0	65.0	71,800	55.0	65.0	70,200	55.0	65.0	68,600	55.0	65.0	66,000
0.0	62.1	59,100	60.0	62.1	57,600	60.0	62.1	56,000	60.0	62.1	53,600
5.0	59.0	48,800	65.0	59.0	47,500	65.0	59.0	45,900	65.0	59.0	43,500
0.0	55.8	40,600	70.0	55.8	40,200	70.0	55.8	37,600	70.0	55.8	35,400
5.0	52.5	33,600	75.0	52.5	33,600	75.0	52.5	30,500	75.0	52.5	28,300
0.0	49.0	27,500	80.0	49.0	27,500	80.0	49.0	24,500	80.0	49.0	22,300
5.0	45.4	22,300	85.0	45.4	22,300	85.0	45.4	19,400	85.0	45.4	17,400
Rec	eves	8	Ree	ves	8	Ree	ves	8	Ree	ves	8
110	Boom	1 500		-					·		4 - 42 -
110	190 ft	1h		200 ft	Ib						
	10016	J. L.			UID						
oad adius (ft)	Boom Angle	360° Rated Load	Load Padius (ft)	Boom Angle	360° Rated Load						
edius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)						
dius (ft) 0.0	Boom Angle (deg.) 79.0	360° Rated Load (lbs) 176,800 *	Radius (ft) 30.0	Boom Angle (deg.) 79.0	360 Rated Load (lbs) 172,000 *						
60.0 (7t) 30.0 32.0	Boom Angle (deg.) 79.0 77.9	360" Rated Load (lbs) 176,800 * 172,200 *	Radius (ft) 30.0 32.0	Boom Angle (deg.) 79.0 77.9	360 Rated Load (lbs) 172,000 * 167,500 *						
60.0 (71) (2.0 (4.0	Boom Angle (deg.) 79.0 77.9 76.8	360° Pated Load (lbs) 176,800 * 172,200 * 162,700	730.0 30.0 32.0 34.0	Boom Angle (deg.) 79.0 77.9 76.8	360 Rated Load (lbs) 172,000 * 167,500 * 158,200						
0.0 (70.0 (2.0 (4.0 (6.0	Boom Angle (deg.) 79.0 77.9 76.8 75.7	360° Pat ed Load (lbs) 176,800 * 172,200 * 162,700 149,800	Radius (ft) 30.0 32.0 34.0 36.0	Boom Angle (deg.) 79.0 77.9 76.8 75.7	360 Rated Load (lbs) 172,000 * 167,500 * 158,200 145,500						
80.0 (71) (2.0 (4.0 (6.0 (8.0	Boom Angle (deg.) 79.0 77.9 76.8 75.7 74.6	360° Pat ed Load (lbs) 176,800 * 172,200 * 162,700 149,800 136,900	Radius (ft) 30.0 32.0 34.0 36.0 38.0	Boom Angle (deg.) 79.0 77.9 76.8 75.7 74.6	360 Pat ed Load (lbs) 172,000 * 167,500 * 158,200 145,500 132,800						
60.0 62.0 64.0 66.0 68.0	Boom Angle (deg.) 79.0 77.9 76.8 75.7 74.6 73.5	360° Pat ed Load (lbs) 176,800 * 172,200 * 162,700 149,800 136,900 124,600	78adius (ft) 30.0 32.0 34.0 36.0 38.0 40.0	79.0 77.9 76.8 75.7 74.6 73.5	360 Rated Load (lbs) 172,000 * 167,500 * 158,200 145,500 132,800 120,700						
60.0 62.0 64.0 66.0 88.0 60.0	Boom Angle (deg.) 79.0 77.9 76.8 75.7 74.6 73.5 72.4	360° Pated Load (lbs) 176,800 * 172,200 * 162,700 149,800 136,900 124,600 113,800	7840ius (ft) 30.0 32.0 34.0 36.0 38.0 40.0 42.0	79.0 77.9 76.8 75.7 74.6 73.5 72.4	360 Fated Load (lbs) 172,000 * 167,500 * 158,200 145,500 132,800 120,700 109,900						
30.0 32.0 34.0 36.0 38.0 40.0 42.0	Boom Angle (deg.) 79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3	360° Pated Load (lbs) 176,800 * 172,200 * 162,700 149,800 136,900 124,600 113,800 103,000	784.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0	79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3	360 Fated Load (lbs) 172,000 * 167,500 * 158,200 145,500 132,800 120,700 109,900 99,200						
(ft) 0.0 2.0 4.0 6.0 8.0 0.0 2.0 4.0 6.0	Boom Angle (deg.) 79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2	360° Fated Load (lbs) 176,800 * 172,200 * 162,700 149,800 136,900 124,600 113,800 103,000 92,300	784.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0	79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2	360 Fated Load (lbs) 172,000 * 167,500 * 158,200 145,500 132,800 120,700 109,900 99,200 88,500						
60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0	800m Angle (deg.) 79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2 69.1	360° Fated Load (lbs) 176,800 * 172,200 * 162,700 149,800 136,900 124,600 113,800 103,000 92,300 85,000	784.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0	79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2 69.1	360 Fated Load (lbs) 172,000 * 167,500 * 158,200 145,500 132,800 120,700 109,900 99,200 88,500 81,400						
60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0	800m Angle (deg.) 79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2 69.1 67.9	360° Fated Load (/bs) 176,800 * 172,200 * 162,700 149,800 136,900 124,600 113,800 103,000 92,300 85,000 77,800	784.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0	79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2 69.1 67.9	360 Rated Load (lbs) 172,000 * 167,500 * 158,200 145,500 132,800 120,700 109,900 99,200 88,500 81,400 74,200						
(ft) 0.0 2.0 4.0 6.0 8.0 0.0 4.0 4.0 6.0 8.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	800m Angle (deg.) 79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2 69.1 67.9 65.0	360° Fated Load (lbs) 176,800 * 172,200 * 162,700 149,800 136,900 124,600 113,800 103,000 92,300 85,000 77,800 62,300	784.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 55.0	79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2 69.1 67.9 65.0	360 Rated Load (lbs) 172,000 * 167,500 * 158,200 145,500 120,700 109,900 99,200 88,500 81,400 74,200 58,900						
(ft) (0.0 (2.0 (4.0 (6.0 (8.0 (0.0 (4.0 (6.0 (8.0 (6.0 (8.0 (6.0	800m Angle (deg.) 79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2 69.1 67.9 65.0 62.1	360° Fated Load (lbs) 176,800 * 172,200 * 162,700 149,800 136,900 124,600 113,800 103,000 92,300 85,000 77,800 62,300 50,100	784.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0	79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2 69.1 67.9 65.0 62.1	360 Rated Load (lbs) 172,000 * 167,500 * 158,200 145,500 132,800 120,700 109,900 99,200 88,500 81,400 74,200 58,900 46,800						
60.0 65.0 66.0 66.0 66.0 66.0 66.0 66.0	800m Angle (deg.) 79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2 69.1 67.9 65.0 62.1 59.0	360° Fated Load (lbs) 176,800 * 172,200 * 162,700 149,800 136,900 124,600 113,800 103,000 92,300 85,000 77,800 62,300 50,100 40,000	784.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 60.0 65.0	79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2 69.1 67.9 65.0 62.1 59.0	360 Rated Load (lbs) 172,000 * 167,500 * 158,200 145,500 132,800 120,700 109,900 99,200 88,500 81,400 74,200 58,900 46,800 36,900						
60.0 66.0 66.0 66.0 66.0 66.0 66.0 66.0	800m Angle (deg.) 79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2 69.1 67.9 65.0 62.1 59.0 55.8	360° Fated Load (/bs) 176,800 * 172,200 * 162,700 149,800 136,900 124,600 113,800 103,000 92,300 85,000 77,800 62,300 50,100 40,000 32,000	70.0 Fadius (ft) 30.0 Fadius (ft) 30.0 Fadius (ft) 34.0 Fadius (ft) 40.0 F	79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2 69.1 67.9 65.0 62.1 59.0 55.8	360° Rated Load (lbs) 172,000 * 167,500 * 158,200 145,500 132,800 120,700 109,900 99,200 88,500 81,400 74,200 58,900 46,800 36,900 29,000						
(ft) 0.0 2.0 4.0 6.0 8.0 0.0 4.0 6.0 8.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	800m Angle (deg.) 79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2 69.1 67.9 65.0 62.1 59.0	360° Fated Load (lbs) 176,800 * 172,200 * 162,700 149,800 136,900 124,600 113,800 103,000 92,300 85,000 77,800 62,300 50,100 40,000	784.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 60.0 65.0	79.0 77.9 76.8 75.7 74.6 73.5 72.4 71.3 70.2 69.1 67.9 65.0 62.1 59.0	360 Rated Load (lbs) 172,000 * 167,500 * 158,200 145,500 132,800 120,700 109,900 99,200 88,500 81,400 74,200 58,900 46,800 36,900						

Refer to notes on page 55 to 56.

Reeves

Reeves

Luffing Boom with Luffing Jib Lift Capacity

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

	70 ft Jib			80 ft J	li h		90 ft J	ib.	100 ft Jib			
Load	Boom	360	Load	Boom	360°	Load	Boom	360	Load	Boom	360°	
Padius (ft)	Angle (deg.)	Pated Load (lbs)	Radius (ft)	Angle (deg.)	Rated Load (lbs)	Padius (ft)	Angle (deg.)	Rated Load (lbs)	Radius (ft)	Angle (deg.)	Rated Loa (lbs)	
34.0	77.9	198,500 *	34.0	77.9	195,000 *	34.0	77.9	192,400 *	34.0	77.9	189,200 *	
36.0	76.9	185,700 *	36.0	76.9	182,300 *	36.0	76.9	179,700 *	36.0	76.9	176,700 *	
38.0	76.0	172,900 *	38.0	76.0	169,600 *	38.0	76.0	167,100 *	38.0	76.0	164,200 *	
40.0	75.0	160,500	40.0	75.0	157,200	40.0	75.0	154,800	40.0	75.0	152,000	
42.0	74.0	148,800	42.0	74.0	145,700	42.0	74.0	143,300	42.0	74.0	140,500	
44.0	72.9	137,100	44.0	72.9	134,100	44.0	72.9	131,700	44.0	72.9	129,000	
46.0	71.9	125,600	46.0	71.9	122,700	46.0	71.9	120,300	46.0	71.9	117,600	
48.0	70.9	117,800	48.0	70.9	114,900	48.0	70.9	112,500	48.0	70.9	110,000	
50.0	69.9	110,000	50.0	69.9	107,100	50.0	69.9	104,800	50.0	69.9	102,300	
55.0	67.3	93,200	55.0	67.3	90,400	55.0	67.3	88,300	55.0	67.3	85,900	
60.0	64.6	79,700	60.0	64.6	77,000	60.0	64.6	75,000	60.0	64.6	72,700	
65.0	61.9	68,800	65.0	61.9	66,100	65.0	61.9	64,100	65.0	61.9	61,900	
70.0	59.1	59,900	70.0	59.1	57,300	70.0	59.1	55,400	70.0	59.1	53,200	
75.0	56.2	52,200	75.0	56.2	49,600	75.0	56.2	47,900	75.0	56.2	45,700	
80.0	53.2	45,500	80.0	53.2	43,100	80.0	53.2	41,300	80.0	53.2	39,200	
85.0	50.1	40,000	85.0	50,1	37,500	85.0	50.1	35,800	85.0	50.1	33,800	
90.0	46.7	35,100	90.0	46.7	32,800	90.0	46.7	31,000	90.0	46.7	29,000	
95.0	43.2	30,900	95.0	43.2	28,700	95,0	43.2	27,000	95.0	43.2	25,000	
Rec	ves	8	Ree	ves	8	Ree	ves	8	Ree	ves	8	
100000			1,00	. 40			12010			100		
120	Boom	6	_	1.00			3940	4		2000		
	110ft			120 ft			130ft		140 ft Jib			
Load Padius (ft)	Boom Angle (deg.)	360° Rated Load	Load Padius	Boom Angle	360° Rated Load (lbs)	Load Padius	Boom Angle	360° Rated Load	Load Padius	Boom Angle	360° Rated Loa (lbs)	
(it)	137	(lbs)	(ft)	(deg.)	(103)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(103)	
34.0	77.9	(Ibs) 185,400 *	34.0	(deg.)	181,800 *	34.0	(deg.) 77.9		34.0	(deg.) 77.9		
	77.9			77.9	181,800 *		77.9	179,200 *		77.9	176,200	
34.0 36.0		185,400 *	34.0			34.0			34.0		176,200 1 164,100	
34.0 36.0 38.0	77.9 76.9 76.0	185,400 * 173,000 * 160,600 *	34.0 36.0	77.9 76.9 76.0	181,800 * 169,500 * 157,200 *	34.0 36.0 38.0	77.9 76.9 76.0	179,200 * 166,900 * 154,700 *	34.0 36.0	77.9 76.9 76.0	176,200 164,100 152,000	
34.0 36.0	77.9 76.9	185,400 * 173,000 * 160,600 * 148,500	34.0 36.0 38.0	77.9 76.9	181,800 * 169,500 * 157,200 * 145,200	34.0 36.0 38.0 40.0	77.9 76.9	179,200 * 166,900 * 154,700 * 142,800	34.0 36.0 38.0 40.0	77.9 76.9 76.0 75.0	176,200 164,100 152,000 140,200	
34.0 36.0 38.0 40.0	77.9 76.9 76.0 75.0	185,400 * 173,000 * 160,600 * 148,500 137,000	34.0 36.0 38.0 40.0	77.9 76.9 76.0 75.0	181,800 * 169,500 * 157,200 *	34.0 36.0 38.0	77.9 76.9 76.0 75.0	179,200 * 166,900 * 154,700 * 142,800 131,600	34.0 36.0 38.0 40.0 42.0	77.9 76.9 76.0 75.0 74.0	176,200 164,100 152,000 140,200 128,900	
34.0 36.0 38.0 40.0 42.0	77.9 76.9 76.0 75.0 74.0	185,400 * 173,000 * 160,600 * 148,500	34.0 36.0 38.0 40.0 42.0	77.9 76.9 76.0 75.0 74.0	181,800 * 169,500 * 157,200 * 145,200 133,900	34.0 36.0 38.0 40.0 42.0	77.9 76.9 76.0 75.0 74.0	179,200 * 166,900 * 154,700 * 142,800	34.0 36.0 38.0 40.0	77.9 76.9 76.0 75.0	176,200 164,100 152,000 140,200	
34.0 36.0 38.0 40.0 42.0 44.0	77.9 76.9 76.0 75.0 74.0 72.9	185,400 * 173,000 * 160,600 * 148,500 137,000 125,600	34.0 36.0 38.0 40.0 42.0 44.0	77.9 76.9 76.0 75.0 74.0 72.9	181,800 * 169,500 * 157,200 * 145,200 133,900 122,600	34.0 36.0 38.0 40.0 42.0 44.0	77.9 76.9 76.0 75.0 74.0 72.9	179,200 * 166,900 * 154,700 * 142,800 131,600 120,400	34.0 36.0 38.0 40.0 42.0 44.0	77.9 76.9 76.0 75.0 74.0 72.9	176,200 164,100 152,000 140,200 128,900 117,700 106,600	
34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9	185,400 * 173,000 * 160,600 * 148,500 137,000 125,600 114,300 106,700	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9	181,800 * 169,500 * 157,200 * 145,200 133,900 122,600 111,500 103,900	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9	179,200 * 166,900 * 154,700 * 142,800 131,600 120,400 109,300 101,700	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9	176,200 164,100 152,000 140,200 128,900 117,700 106,600 99,200	
34.0 36.0 38.0 40.0 42.0 44.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9	185,400 * 173,000 * 160,600 * 148,500 137,000 125,600 114,300 106,700 99,100	34.0 36.0 38.0 40.0 42.0 44.0 46.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9	181,800 * 169,500 * 157,200 * 145,200 133,900 122,600 111,500	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9	179,200 * 166,900 * 154,700 * 142,800 131,600 120,400 109,300	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9	176,200 164,100 152,000 140,200 128,900 117,700 106,600	
34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9	185,400 * 173,000 * 160,600 * 148,500 137,000 125,600 114,300 106,700	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9	181,800 * 169,500 * 157,200 * 145,200 133,900 122,600 111,500 103,900 96,300	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9	179,200 * 166,900 * 154,700 * 142,800 131,600 120,400 109,300 101,700 94,200	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9	176,200 164,100 152,000 140,200 128,900 117,700 106,600 99,200 91,700 75,700	
34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3	185,400 * 173,000 * 160,600 * 148,500 137,000 125,600 114,300 106,700 99,100 82,800	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3	181,800 * 169,500 * 157,200 * 145,200 133,900 122,600 111,500 103,900 96,300 80,000	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 55.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3	179,200 * 166,900 * 154,700 * 142,800 131,600 120,400 109,300 101,700 94,200 78,000	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 55.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3	176,200 164,100 152,000 140,200 128,900 117,700 106,600 99,200 91,700	
34.0 36.0 38.0 40.0 42.0 44.0 46.0 55.0 60.0 65.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6	185,400 * 173,000 * 160,600 * 148,500 137,000 125,600 114,300 106,700 99,100 82,800 69,600	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6	181,800 * 169,500 * 157,200 * 145,200 133,900 122,600 111,500 103,900 96,300 80,000 67,000	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 55.0 60.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6	179,200 * 166,900 * 154,700 * 142,800 131,600 120,400 109,300 101,700 94,200 78,000 65,000	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6	176,200 164,100 152,000 140,200 128,900 117,700 106,600 99,200 91,700 75,700 62,800	
34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1	185,400 * 173,000 * 160,600 * 148,500 137,000 125,600 114,300 106,700 99,100 82,800 69,600 59,000 50,300	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1	181,800 * 169,500 * 157,200 * 145,200 133,900 122,600 111,500 103,900 96,300 80,000 67,000 56,600 47,900	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1	179,200 * 166,900 * 154,700 * 142,800 131,600 120,400 109,300 101,700 94,200 78,000 65,000 54,600 46,100	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1	176,200 164,100 152,000 140,200 128,900 117,700 106,600 99,200 91,700 75,700 62,800 52,400 44,000	
34.0 36.0 38.0 40.0 42.0 44.0 46.0 55.0 60.0 65.0 75.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9	185,400 * 173,000 * 160,600 * 148,500 137,000 125,600 114,300 106,700 99,100 82,800 69,600 59,000 50,300 43,000	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 67.3 64.6 61.9 59.1	181,800 * 169,500 * 157,200 * 145,200 133,900 122,600 111,500 103,900 96,300 80,000 67,000 56,600 47,900 40,600	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1 56.2	179,200 * 166,900 * 154,700 * 142,800 131,600 120,400 109,300 101,700 94,200 78,000 65,000 54,600 46,100 38,700	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1 56.2	176,200 164,100 152,000 140,200 128,900 117,700 106,600 99,200 91,700 75,700 62,800 52,400 44,000 36,800	
34.0 36.0 38.0 40.0 42.0 44.0 46.0 55.0 60.0 65.0 70.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2	185,400 * 173,000 * 160,600 * 148,500 137,000 125,600 114,300 106,700 99,100 82,800 69,600 59,000 50,300 43,000 36,700	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0 80.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2	181,800 * 169,500 * 157,200 * 145,200 133,900 122,600 111,500 103,900 96,300 80,000 67,000 56,600 47,900 40,600 34,300	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0 80.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2	179,200 * 166,900 * 154,700 * 142,800 131,600 120,400 109,300 101,700 94,200 78,000 65,000 54,600 46,100 38,700 32,400	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2	176,200 164,100 152,000 140,200 128,900 117,700 106,600 99,200 91,700 75,700 62,800 44,000 36,800 30,600	
34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 75.0 80.0 85.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2 50.1	185,400 * 173,000 * 160,600 * 148,500 137,000 125,600 114,300 106,700 99,100 82,800 69,600 59,000 50,300 43,000 36,700 31,100	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 75.0 80.0 85.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 67.3 64.6 61.9 59.1 56.2 53.2	181,800 * 169,500 * 157,200 * 145,200 133,900 122,600 111,500 103,900 96,300 80,000 67,000 56,600 47,900 40,600 34,300 28,900	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0 80.0 85.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2 50.1	179,200 * 166,900 * 154,700 * 142,800 131,600 120,400 109,300 101,700 94,200 78,000 65,000 54,600 46,100 38,700 32,400 27,200	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0 80.0 85.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2 50.1	176,200 164,100 152,000 140,200 128,900 117,700 106,600 99,200 91,700 75,700 62,800 44,000 36,800 30,600 25,200	
34.0 38.0 40.0 42.0 44.0 46.0 55.0 65.0 75.0 80.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2	185,400 * 173,000 * 160,600 * 148,500 137,000 125,600 114,300 106,700 99,100 82,800 69,600 59,000 50,300 43,000 36,700	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0 80.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2	181,800 * 169,500 * 157,200 * 145,200 133,900 122,600 111,500 103,900 96,300 80,000 67,000 56,600 47,900 40,600 34,300	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0 80.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2	179,200 * 166,900 * 154,700 * 142,800 131,600 120,400 109,300 101,700 94,200 78,000 65,000 54,600 46,100 38,700 32,400	34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	77.9 76.9 76.0 75.0 74.0 72.9 71.9 70.9 69.9 67.3 64.6 61.9 59.1 56.2 53.2	176,200 164,100 152,000 140,200 128,900 117,700 106,600 99,200 91,700 75,700 62,800 44,000 36,800 30,600	

CK2750G-3 **LUFFING BOOM/JIB - LIFTING CHART**

120'	Boom										
	150 ft	Jib	1	160 ft	Jb		170 ft	Jib		180 ft	Jib
Load Padius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
34.0	77.9	171,800 *	34.0	77.9	169,900 *	34.0	77.9	167,900 *	34.0	77.9	164,700 *
36.0	76.9	159,900 *	36.0	76.9	158,000 *	36.0	76.9	156,100 *	36.0	76.9	152,900 *
38.0	76.0	147,900 *	38.0	76.0	146,100 *	38.0	76.0	144,300 *	38.0	76.0	141,200 *
40.0	75.0	136,200	40.0	75.0	134,500	40.0	75.0	132,700	40.0	75.0	129,700
42.0	74.0	125,100	42.0	74.0	123,500	42.0	74.0	121,700	42.0	74.0	118,700
44.0	72.9	114,100	44.0	72.9	112,400	44.0	72.9	110,700	44.0	72.9	107,800
46.0	71.9	103,100	46.0	71.9	101,500	46.0	71.9	99,800	46.0	71.9	96,900
48.0	70.9	95,600	48.0	70.9	94,100	48.0	70.9	92,400	48.0	70.9	89,600
50.0	69.9	88,200	50.0	69.9	86,600	50.0	69.9	85,000	50.0	69.9	82,300
55.0	67.3	72,200	55.0	67.3	70,800	55.0	67.3	69,200	55.0	67.3	66,700
60.0	64.6	59,500	60.0	64.6	58,200	60.0	64.6	56,700	60.0	64.6	54,300
65.0	61.9	49,300	65.0	61.9	48,000	65.0	61.9	46,400	65.0	61.9	44,200
70.0	59.1	40,900	70.0	59.1	39,600	70.0	59.1	38,100	70.0	59.1	35,900
75.0	56.2	33,800	75.0	56.2	32,500	75.0	56.2	31,000	75.0	56.2	28,800
80.0	53.2	27,700	80.0	53.2	26,400	80.0	53.2	24,900	80.0	53.2	22,900
85.0	50.1	22,500	85.0	50.1	21,200	85.0	50.1	19,900	85.0	50.1	17,700
90.0	46.7	18,100	90.0	46.7	17,700	90.0	46.7	15,500	05.0	30.1	17,700
95.0	43.2	14,400	95.0	43.2	14,400	90.0	40.7	15,500			
	eves Boom	8	Reeves 6		Rec	Reeves 6		Reeves		6	
120	190 ft	lh		200 ft	16						
Load Padius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)						
34.0	77.9	160,100 *	34.0	77.9	155,800 *		-				
36.0	76.9	148,500 *	36.0	76.9	144,300 *						
38.0	76.0	136,900 *	38.0	76.0	132,800 *						
40.0	75.0	125,500	40.0	75.0	121,600						
42.0	74.0	114,600	42.0	74.0	110,800						
44.0	72.9	103,700	44.0	72.9	100,100						
46.0	71.9	93,000	46.0	71.9	89,400						
48.0	70.9	85,800	48.0	70.9	82,200						
	69.9	78,600	50.0	69.9	75,100						
50.0	67.3	63,100	55.0	67.3	59,700						
50.0	The second second	50,800	60.0	64.6	47,500						
55.0	64.6	50,000			37,700						
55.0 60.0	64.6	40 000	650								
55.0 60.0 65.0	61.9	40,900 32,700	65.0 70.0	61.9 59.1							
55.0 60.0 65.0 70.0	61.9 59.1	32,700	70.0	59.1	29,800						
55.0 60.0 65.0	61.9										

Refer to notes on page 55 to 56.

Reeves

6

Reeves

6

Luffing Boom with Luffing Jib Lift Capacity

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

Load Padius (ft) 34.0 36.0 38.0 40.0 42.0 44.0 46.0	70 ft s Boom Angle (deg.) 78.9	360" Rated Load	Load	80 ft .			90 ft J			100 ft	JID	
34.0 36.0 38.0 40.0 42.0 44.0	Angle (deg.) 78.9	Rated Load	Load				The second second					
34.0 36.0 38.0 40.0 42.0 44.0	78.9	(lbs)	Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	
36.0 38.0 40.0 42.0 44.0	1000000	184,400 *	34.0	78.9	181,000 *	34.0	78.9	177,800 *	34.0	78.9	174,200*	
38.0 40.0 42.0 44.0	78.0	175,800*	36.0	78.0	172,800 *	36.0	78.0	169,600 *	36.0	78.0	166,300*	
40.0 42.0 44.0	77.1	167,200*	38.0	77.1	164,700*	38.0	77.1	161,400*	38.0	77.1	158,400*	
42.0 44.0	76.2	157,900	40.0	76.2	155,700	40.0	76.2	152,400	40.0	76.2	149,600	
44.0	75.2	147,100	42.0	75.2	144,900	42.0	75.2	141,700	42.0	75.2	138,900	
	74.3	136,300	44.0	74.3	134,100	44.0	74.3	130,900	44.0	74.3	128,200	
40.0	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	
10000	2.55		0.00		27,430					7.9615	3,73	
Reev	ves	8	Ree	ves	8	Ree	ves	8	Ree	eves	8	
130'	Boom								100 m tr			
	110 ft		14	120 ft			130 ft .		140 ft Jib			
Load Padius (ft)	Boom Angle (deg.)	360 Pated Load (lbs)	Load Padius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	
34.0	78.9	171,300 *	34.0	78.9	168,900 *	34.0	78.9	165,200 *	34.0	78.9	161,300*	
36.0	78.0	163,100 *	36.0	78.0	160,900 *	36.0	78.0	157,400 *	36.0	78.0	153,800*	
38.0	77.1	155,000 *	38.0	77.1	152,900 *	38.0	77.1	149,500 *	38.0	77.1	146,400	
40.0	76.2	146,100	40.0	76.2	144,100	40.0	76.2	140,800	40.0	76.2	138,000	
42.0	75.2	135,500	42.0	75.2	133,600	42.0	75.2	130,300	42.0	75.2	127,700	
44.0	74.3	125,000	44.0	74.3	123,000	44.0	74.3	119,900	44.0	74.3	117,300	
46.0	73.4	114,500	46.0	73.4	112,600	46.0	73.4	109,500	46.0	73.4	107,100	
48.0	72.5	106,900	48.0	72.5	105,000	48.0	72.5	102,000	48.0	72.5	99,500	
50.0	71.5	99,200	50.0	71.5	97,400	50.0	71.5	94,400	50.0	71.5	92,000	
55.0	69.1	82,900	55.0	69.1	81,100	55.0	69.1	78,200	55.0	69.1	75,900	
60.0	66.7	69,800	60.0	66.7	68,100	60.0	66.7	65,200	60.0	66.7	63,000	
65.0	64.3	59,000	65.0	64.3	57,500	65.0	64.3	54,800	65.0	64.3	52,800	
70.0	61.8	50,500	70.0	61.8	49,000	70.0	61.8	46,300	70.0	61.8	44,300	
75.0	59.2	43,100	75.0	59.2	41,600	75.0	59.2	38,900	75.0	59.2	37,000	
80.0	56.5	36,700	80.0	56.5	35,100	80.0	56.5	32,500	80.0	56.5	30,700	
85.0	53.8	30,900	85.0	53.8	29,400	85.0	53.8	27,000	85.0	53.8	25,200	
90.0	50.9	26,500	90.0	50.9	24,900	90.0	50.9	22,500	90.0	50.9	20,800	
95.0	47.9	22,400	95.0	47.9	20,900	95.0	47.9	18,600	95.0	47.9	16,800	
100.0	44.7	18,800	100.0	44.7	17,200	100.0	44.7	15,000	95,0	47.3	10,000	
Reev		6		ves	6		ves	6		ves	6	

CK2750G-3 **LUFFING BOOM/JIB - LIFTING CHART**

Reeves

130	Boom										
	150 ft	Jib		160 ft	Jib		170 ft	Jib		180 ft	Jib
Load Padius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Pated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)
34.0	78.9	159,900 *	34.0	78.9	155,800*	34.0	78.9	152,200 *	34.0	78.9	148,400 *
36.0	78.0	151,600 *	36.0	78.0	148,300 *	36.0	78.0	145,400 *	36.0	78.0	142,000 *
38.0	77.1	143,200 *	38.0	77.1	140,900 *	38.0	77.1	138,600 *	38.0	77.1	135,500 *
40.0	76.2	134,300	40.0	76.2	132,500	40.0	76.2	130,800	40.0	76.2	127,900
42.0	75.2	123,900	42.0	75.2	122,200	42.0	75.2	120,600	42.0	75.2	117,800
44.0	74.3	113,600	44.0	74.3	112,000	44.0	74.3	110,300	44.0	74.3	107,600
46.0	73.4	103,300	46.0	73.4	101,800	46.0	73.4	100,200	46.0	73.4	97,600
48.0	72.5	95,900	48.0	72.5	94,400	48.0	72.5	92,800	48.0	72.5	90,300
50.0	71.5	88,500	50.0	71.5	87,000	50.0	71.5	85,400	50.0	71.5	82,900
55.0	69.1	72,700	55.0	69.1	71,200	55.0	69.1	69,700	55.0	69.1	67,200
60.0	66.7	60,000	60.0	66.7	58,600	60.0	66.7	57,100	60.0	66.7	54,700
65.0	64,3	49,700	65.0	64.3	48,400	65.0	64.3	46,800	65.0	64.3	44,600
70.0	61.8	41,400	70.0	61.8	40,100	70.0	61.8	38,500	70.0	61.8	36,500
75.0	59.2	34,200	75.0	59.2	32,800	75,0	59.2	31,400	75.0	59.2	29,400
0.08	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 95.0	50.9 47.9	18,100 14,300	90.0 95.0	50.9 47.9	16,900 13,700	90.0	50.9	15,600	90.0	50.9	13,600
-	eves	6	Reeves 6		Ree	Reeves		Ree	ves	6	
130	Boom 190 ft	.ib		200 ft	Jib						
Load adius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
34.0	78.9	144,100 *	34.0	78.9	139,600*						
36.0	78.0	137,700 *	36.0	78.0	133,400*						
38.0	77.1	131,300*	38.0	77.1	127,200 *						
40.0	76.2	123,800	40.0	76.2	119,800						
42.0	75.2	113,700	42.0	75.2	109,900						
44.0	74.3	103,600	44.0	74.3	99,900						
46.0	73.4	93,600	46.0	73.4	90,100						
48.0	72.5	86,400	48.0	72.5	83,000						
50.0	71.5	79,200	50.0	71.5	75,800						
55.0	69.1	63,800	55.0	69.1	60,600						
60.0	66.7	51,400	60.0	66.7	48,300						
65.0	64.3	41,300	65.0	64.3	38,400						
70.0	61.8	33,300	70.0	61.8	30,400						
	59.2	26,300 20,200	75.0	59.2	23,600						
75.0		20.200							1		
	56.5 53.8	15,000									

Refer to notes on page 55 to 56.

Reeves

Luffing Boom with Luffing Jib Lift Capacity

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

	70 ft 3	ib	10	80 ft .	i b		90 ft .	i b		100 ft	Jib
Load Padius	Boom Angle	360° Rated Load	Load Radius	Boom Angle	360° Rated Load	Load Radius	Boom Angle	360° Rated Load	Load Radius	Boom Angle	360° Rated Loa
(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)
40.0	77.2	154,800	40.0	77.2	151,700	40.0	77.2	148,600	40.0	77.2	145,800
42.0	76.3	145,200	42.0	76.3	142,200	42.0	76.3	139,200	42.0	76.3	136,400
44.0	75.5	135,600	44.0	75.5	132,600	44.0	75.5	129,700	44.0	75.5	127,000
46.0	74.6	126,000	46.0	74.6	123,100	46.0	74.6	120,300	46.0	74.6	117,600
48.0	73,8	118,200	48.0	73.8	115,300	48.0	73.8	112,500	48.0	73.8	110,000
50.0	72.9	110,400	50.0	72.9	107,600	50.0	72.9	104,800	50.0	72.9	102,300
55.0	70.7	93,500	55.0	70.7	90,800	55.0	70.7	88,200	55.0	70.7	85,800
60.0	68.5	79,900	60.0	68.5	77,400	60.0	68.5	74,800	60.0	68.5	72,400
65.0	66.3	68,800	65.0	66.3	66,400	65.0	66.3	63,900	65.0	66.3	61,700
70.0	64.0	59,600	70.0	64.0	57,300	70.0	64.0	54,900	70.0	64.0	52,700
75.0	61.6	51,800	75.0	61.6	49,500	75.0	61.6	47,200	75.0	61.6	45,100
80.0	59.2	45,200	80.0	59.2	42,900	80.0	59.2	40,700	80.0	59.2	38,700
85.0	56.8	39,500	85.0	56.8	37,300	85.0	56.8	35,100	85.0	56.8	33,100
90.0	54.2	34,600	90,0	54.2	32,400	90.0	54.2	30,200	90.0	54.2	28,400
95.0	51.6	30,300	95.0	51.6	28,200	95.0	51.6	26,000	95.0	51.6	24,200
100.0	48.9	26,400	100.0	48.9	24,500	100.0	48.9	22,300	100.0	48.9	20,500
110.0	43.0	20,100	110.0	43.0	18,100	110.0	43.0	16,100	110.0	43.0	14,300
Ree	ves	6	Ree	ves	6	Ree	ves	6	Ree	ves	6
140'	Room										
					_	_	20.0			7.1	
-	110 ft		<u></u>	120 ft			130 ft			140 ft	
Load		Jib 360° Rated Load (lbs)	Load Padius (ft)	120 ft Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	130 ft Boom Angle (deg.)	360 Rated Load (lbs)	Load Padius (ft)	140 ft Boom Angle (deg.)	360
Load Radius	110 ft . Boom Angle	360° Rated Load	Radius	Boom Angle	360° Rated Load	Radius	Boom Angle	360° Rated Load	Radius	Boom Angle	360 Rated Loa
Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Radius (ft) 40.0	Boom Angle (deg.)	360° Rated Load (lbs) 140,500	Radius (ft) 40.0	Boom Angle (deg.)	360° Rated Load (lbs) 137,000	Padius (ft)	Boom Angle (deg.)	360 Rated Loa (lbs) 134,400
Load Radius (ft) 40.0 42.0	Boom Angle (deg.) 77.2 76.3	360° Rated Load (lbs) 143,600 134,300	### Radius (ft) 40.0 42.0	Boom Angle (deg.) 77.2 76,3	360° Rated Load (lbs) 140,500 131,300	######################################	Boom Angle (deg.) 77.2 76.3	360 Rated Load (lbs) 137,000 127,800	### Radius (ft) 40.0 42.0	Boom Angle (deg.) 77.2 76.3	360 Pated Loa (lbs) 134,400 125,300
Load Radius (ft) 40.0 42.0 44.0	Boom Angle (deg.)	360 Rated Load (lbs) 143,600 134,300 124,900	### Radius (ft) 40.0 42.0 44.0	Boom Angle (deg.)	360' Rated Load (lbs) 140,500 131,300 122,000	Radius (ft) 40.0	Boom Angle (deg.) 77.2 76.3 75.5	360 Rated Load (lbs) 137,000 127,800 118,600	### Radius (ft) 40.0 42.0 44.0	Boom Angle (deg.) 77.2 76.3 75.5	360 Rated Los (lbs) 134,400 125,300 116,100
Load Radius (ft) 40.0 42.0	110 ft. Boom Angle (deg.) 77.2 76.3 75.5	360 Rated Load (lbs) 143,600 134,300 124,900 115,600	### Radius (ft) 40.0 42.0 44.0 46.0	Boom Angle (deg.) 77.2 76.3 75.5	360' Rated Load (lbs) 140,500 131,300 122,000	### Radius (ft) 40.0 42.0 44.0 46.0	Boom Angle (deg.) 77.2 76.3 75.5 74.6	360 Rated Load (lbs) 137,000 127,800 118,600 109,500	### Radius (ft) 40.0 42.0	Boom Angle (deg.) 77.2 76.3 75.5 74.6	360 Rated Loa (lbs) 134,400 125,300 116,100 107,100
Load Padius (ft) 40.0 42.0 44.0 46.0	### 110 ft 15	360 Rated Load (lbs) 143,600 134,300 124,900	### Radius (ft) 40.0 42.0 44.0	Boom Angle (deg.) 77.2 76.3 75.5 74.6	360' Rated Load (lbs) 140,500 131,300 122,000	### ##################################	Boom Angle (deg.) 77.2 76.3 75.5	360 Rated Load (lbs) 137,000 127,800 118,600	### Radius (ft) 40.0 42.0 44.0 46.0	Boom Angle (deg.) 77.2 76.3 75.5	360 Rated Loa (lbs) 134,400 125,300 116,100
Load Radius (ft) 40.0 42.0 44.0 46.0 48.0	### 110 ft / Boom Angle (deg.) 77.2 76.3 75.5 74.6 73.8	360 Rat ed Load (lbs) 143,600 134,300 124,900 115,600 108,000	### Radius (ft) 40.0 42.0 44.0 46.0 48.0	Boom Angle (deg.) 77.2 76.3 75.5 74.6 73.8	360 Rated Load (lbs) 140,500 131,300 122,000 112,800 105,200	### Radius (ft) 40.0 42.0 44.0 46.0 48.0	Boom Angle (deg.) 77.2 76.3 75.5 74.6 73.8	360 Rated Load (lbs) 137,000 127,800 118,600 109,500 102,000	### Radius (ft) 40.0 42.0 44.0 46.0 48.0	Boom Angle (deg.) 77.2 76.3 75.5 74.6 73.8	360 Rated Loa (lbs) 134,400 125,300 116,100 107,100 99,600
Load adius (ft) 40.0 42.0 44.0 46.0 48.0 50.0	77.2 76.3 75.5 74.6 73.8 72.9	360 Rat ed Load (lbs) 143,600 134,300 124,900 115,600 108,000	### Radius (ft) 40.0 42.0 44.0 46.0 48.0 50.0	77.2 76.3 75.5 74.6 73.8 72.9	360 Rated Load (lbs) 140,500 131,300 122,000 112,800 105,200 97,600	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0	Room Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9	360 Rated Load (lbs) 137,000 127,800 118,600 109,500 102,000 94,400	### Readius (ft) 40.0 42.0 44.0 46.0 48.0 50.0	### Record	360 Rated Loa (lbs) 134,400 125,300 116,100 107,100 99,600 92,100
Load Padius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0	77.2 76.3 75.5 74.6 73.8 72.9 70.7	360 Rat ed Load (lbs) 143,600 134,300 124,900 115,600 108,000 100,300 83,900	40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0	77.2 76.3 75.5 74.6 73.8 72.9 70.7	360 Rated Load (lbs) 140,500 131,300 122,000 112,800 105,200 97,600 81,300	40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7	360 Rated Load (lbs) 137,000 127,800 118,600 109,500 102,000 94,400 78,300	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7	360 Rated Loa (lbs) 134,400 125,300 116,100 107,100 99,600 92,100 76,100
Load Padius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0	77.2 76.3 75.5 74.6 73.8 70.7 68.5	360' Rat ed Load (lbs) 143,600 134,300 124,900 115,600 108,000 100,300 83,900 70,600	40.0 42.0 44.0 46.0 48.0 50.0 55.0	77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5	360° Rated Load (lbs) 140,500 131,300 122,000 112,800 105,200 97,600 81,300 68,200	40.0 42.0 44.0 46.0 48.0 50.0 55.0	77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5	360 Rated Load (lbs) 137,000 127,800 118,600 109,500 102,000 94,400 78,300 65,400	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0	## Property	360 Rated Loa (lbs) 134,400 125,300 116,100 107,100 99,600 92,100 76,100 63,200
Load Padius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0	77.2 76.3 75.5 74.6 73.8 70.7 68.5 66.3	360' Rated Load (lbs) 143,600 134,300 124,900 115,600 108,000 100,300 83,900 70,600 59,700	40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0	77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3	360° Rated Load (lbs) 140,500 131,300 122,000 112,800 105,200 97,600 81,300 68,200 57,300	40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0	## Page 18	360 Rated Load (lbs) 137,000 127,800 118,600 109,500 102,000 94,400 78,300 65,400 54,600	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 60.0 65.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3	360 Rated Loa (lbs) 134,400 125,300 116,100 107,100 99,600 92,100 76,100 63,200 52,600
Load Padius (ft) 40.0 42.0 44.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	71.0 ft. Boom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6	360' Rated Load (lbs) 143,600 134,300 124,900 115,600 108,000 100,300 83,900 70,600 59,700 50,900 43,300	40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6	360° Rated Load (lbs) 140,500 131,300 122,000 112,800 105,200 97,600 81,300 68,200 57,300 48,600 41,100	### Addius (ft) 40.0 42.0 44.0 46.0 50.0 55.0 60.0 65.0 70.0 75.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6	360 Fated Load (lbs) 137,000 127,800 118,600 109,500 102,000 94,400 78,300 65,400 54,600 45,900 38,500	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6	360 Rated Loa (lbs) 134,400 125,300 116,100 107,100 99,600 92,100 76,100 63,200 52,600 44,000 36,600
Load Padius (ft) 40.0 42.0 44.0 46.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2	360' Rated Load (lbs) 143,600 134,300 124,900 115,600 100,300 83,900 70,600 59,700 50,900 43,300 36,900	40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2	360° Rated Load (lbs) 140,500 131,300 122,000 112,800 105,200 97,600 81,300 68,200 57,300 48,600 41,100 34,700	40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2	360 Fated Load (lbs) 137,000 127,800 118,600 109,500 94,400 78,300 65,400 54,600 45,900 38,500 32,100	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2	360 Rated Loa (lbs) 134,400 125,300 116,100 107,100 99,600 92,100 76,100 63,200 52,600 44,000 36,600 30,300
Load Radius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 65.0 60.0 65.0 70.0 75.0 80.0 85.0	77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8	360' Rated Load (lbs) 143,600 134,300 124,900 115,600 108,000 100,300 83,900 70,600 59,700 50,900 43,300 36,900 31,400	## Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0 80.0 85.0	77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8	360° Rated Load (lbs) 140,500 131,300 122,000 112,800 105,200 97,600 81,300 68,200 57,300 48,600 41,100 34,700 29,200	40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8	360 Fated Load (lbs) 137,000 127,800 118,600 109,500 94,400 78,300 65,400 54,600 45,900 38,500 32,100 26,700	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8	360 Rated Loa (lbs) 134,400 125,300 116,100 107,100 99,600 92,100 76,100 63,200 52,600 44,000 36,600 30,300 25,000
Load Padius (ft) 40.0 42.0 44.0 48.0 50.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8 54.2	360' Rated Load (lbs) 143,600 134,300 124,900 115,600 108,000 100,300 83,900 70,600 59,700 50,900 43,300 36,900 31,400 26,600	## Addius (ft) 40.0 42.0 44.0 46.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8 54.2	360° Rated Load (lbs) 140,500 131,300 122,000 112,800 105,200 97,600 81,300 68,200 57,300 48,600 41,100 34,700 29,200 24,600	40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 70.0 75.0 80.0 85.0 90.0	77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8 54.2	360 Fated Load (lbs) 137,000 127,800 118,600 109,500 102,000 94,400 78,300 65,400 54,600 45,900 38,500 32,100 26,700 22,100	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8 54.2	360 Rated Loa (lbs) 134,400 125,300 116,100 107,100 99,600 92,100 76,100 63,200 52,600 44,000 36,600 30,300 25,000 20,400
Load ≥adius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0	77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8 54.2 51.6	360' Rated Load (lbs) 143,600 134,300 124,900 115,600 108,000 100,300 83,900 70,600 59,700 50,900 43,300 36,900 31,400 26,600 22,400	## Addius (ft) 40.0 42.0 44.0 46.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8 54.2 51.6	360° Rated Load (lbs) 140,500 131,300 122,000 112,800 105,200 97,600 81,300 68,200 57,300 48,600 41,100 34,700 29,200 24,600 20,500	40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 70.0 75.0 80.0 85.0 90.0 95.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8 54.2 51.6	360 Fated Load (lbs) 137,000 127,800 118,600 109,500 102,000 94,400 78,300 65,400 54,600 45,900 38,500 32,100 26,700 22,100 18,100	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8	360 Rated Loa (lbs) 134,400 125,300 116,100 107,100 99,600 92,100 76,100 63,200 52,600 44,000 36,600 30,300 25,000
Load dedius (ft) 40.0 42.0 44.0 46.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8 54.2	360' Rated Load (lbs) 143,600 134,300 124,900 115,600 108,000 100,300 83,900 70,600 59,700 50,900 43,300 36,900 31,400 26,600	## Addius (ft) 40.0 42.0 44.0 46.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8 54.2	360° Rated Load (lbs) 140,500 131,300 122,000 112,800 105,200 97,600 81,300 68,200 57,300 48,600 41,100 34,700 29,200 24,600	40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 70.0 75.0 80.0 85.0 90.0	77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8 54.2	360 Fated Load (lbs) 137,000 127,800 118,600 109,500 102,000 94,400 78,300 65,400 54,600 45,900 38,500 32,100 26,700 22,100	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	Poom Angle (deg.) 77.2 76.3 75.5 74.6 73.8 72.9 70.7 68.5 66.3 64.0 61.6 59.2 56.8 54.2	360 Rated Loa (lbs) 134,400 125,300 116,100 107,100 99,600 92,100 76,100 63,200 52,600 44,000 36,600 30,300 25,000 20,400

140'	Boom										
	150ft	Jib		160 ft	Jib	-	170ft	Jib		180 ft	Ji b
Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
40.0	77.2	130,700	40.0	77.2	129,200	40.0	77.2	127,400	40.0	77.2	124,400
42.0	76.3	121,600	42.0	76.3	120,200	42.0	76.3	118,500	42.0	76.3	115,500
44.0	75.5	112,500	44.0	75.5	111,200	44.0	75.5	109,600	44.0	75.5	106,600
46.0	74.6	103,500	46.0	74.6	102,200	46.0	74.6	100,700	46.0	74.6	97,800
48.0	73.8	96,100	48.0	73.8	94,800	48.0	73.8	93,300	48.0	73.8	90,500
50.0	72.9	88,800	50.0	72.9	87,400	50.0	72.9	85,900	50.0	72.9	83,300
55.0	70.7	72,900	55.0	70.7	71,600	55.0	70.7	70,100	55.0	70.7	67,700
60.0	68,5	60,200	60.0	68.5	58,800	60.0	68.5	57,500	60.0	68.5	55,100
65.0	66.3	49,700	65.0	66.3	48,400	65.0	66.3	47,100	65.0	66.3	44,900
70.0	64.0	41,100	70.0	64.0	39,900	70.0	64.0	38,600	70.0	64.0	36,400
75.0	61.6	33,800	75.0	61.6	32,600	75.0	61.6	31,300	75.0	61.6	29,200
80.0	59.2	27,700	80.0	59.2	26,400	80.0	59.2	25,100	80.0	59.2	23,100
85.0	56.8	22,300	85.0	56,8	21,200	85.0	56.8	19,900	85.0	56.8	17,900
90.0	54.2	17,900	90.0	54.2	16,800	90.0	54.2	15,500	90.0	54.2	13,500
95.0	51.6	13,900	95.0	51.6	13,400						
_	ves	6	Rec	ves	6	Ree	eves	6	Rec	ves	6
140'	Boom 190 ft	Eb.	T-	200 ft	f h		-				
land]	Boom	360	Load	Boom	360						
Load Radius (ft)	Angle (deg.)	Rated Load (lbs)	Radius (ft)	Angle (deg.)	Rated Load (lbs)						
40.0	77.2	120,400	40.0	77.2	116,700						
42.0	76.3	111,700	42.0	76.3	108,000						
44.0	75.5	103,000	44.0	75.5	99,400						
46.0	74.6	94,300	46.0	74.6	90,800						
48.0	73.8	87,000	48.0	73,8	83,600						
50.0	72.9	79,800	50.0	72.9	76,400						
55.0	70.7	64,200	55.0	70.7	61,000						
60.0	68.5	51,800	60.0	68.5	48,800						
65.0	66.3	41,600	65.0	66.3	38,700						
70.0	64.0	33,400	70.0	64.0	30,500						
75.0	61.6	26,300	75.0	61.6	23,600						
80.0	59.2	20,300		17.71							
85.0	56.8	15,200									

Refer to notes on page 55 to 56.

Reeves

Reeves

Luffing Boom with Luffing Jib Lift Capacity

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

Load Radius	70 ft s	360		80 ft 3							
Radius	DUUIII		Load	Boom	360	Load	90 ft S Boom	360	Load	100 ft Boom	360°
(ft)	Angle (deg.)	Rated Load (lbs)	Radius (ft)	Angle (deg.)	Rated Load (lbs)	Radius (ft)	Angle (deg.)	Rated Load (lbs)	Radius (ft)	Angle (deg.)	Rated Load (lbs)
40.0	78.0	142,600	40.0	78.0	139,700	40.0	78.0	137,900	40.0	78.0	134,900
42.0	77.3	137,100	42.0	77.3	134,200	42.0	77.3	132,000	42.0	77.3	129,600
44.0	76.5	131,600	44.0	76.5	128,700	44.0	76.5	126,200	44.0	76.5	124,200
46.0	75.7	126,000	46.0	75.7	123,100	46.0	75.7	120,300	46.0	75.7	118,700
48.0	74.9	118,100	48.0	74.9	115,300	48.0	74.9	112,500	48.0	74.9	111,000
50.0	74.1	110,300	50.0	74.1	107,600	50.0	74.1	104,800	50.0	74.1	103,300
55.0	72.1	93,400	55.0	72.1	90,800	55.0	72.1	88,200	55.0	72.1	86,700
60.0	70.0	79,800	60.0	70.0	77,200	60.0	70.0	74,800	60.0	70.0	73,300
65.0	68.0	68,600	65.0	68.0	66,100	65.0	68.0	63,700	65.0	68.0	62,400
70.0	65.8	59,500	70.0	65.8	57,100	70.0	65.8	54,800	70.0	65.8	53,400
75.0	63.7	51,700	75.0	63.7	49,400	75.0	63.7	47,100	75.0	63.7	45,800
80.0	61.5	45,000	80.0	61.5	42,800	80.0	61.5	40,400	80.0	61.5	39,300
85.0	59.3	39,300	85.0	59.3	37,100	85.0	59.3	34,900	85.0	59.3	33,600
90.0	57.0	34,400	90.0	57.0	32,300	90.0	57.0	30,100	90.0	57.0	28,800
95.0	54.6	30,000	95.0	54.6	28,100	95.0	54.6	25,900	95.0	54.6	24,600
100.0	52.2	26,200	100.0	52.2	24,200	100.0	52.2	22,100	100.0	52.2	20,900
110.0	47.1	19,800	110.0	47.1	17,900	110.0	47.1	15,900	110.0	47.1	14,700
Ree	ves	6	Ree	ves	6	Ree	ves	6	Ree	ves	6
150'	Boom	T									
	110 ft	Jib		120 ft	Jib		130 ft	Jib		140 ft	Jib
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Padius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
40.0	78.0	132,500	40.0	78.0	129,000	40.0	78.0	125,700	40.0	78.0	122,700
42.0	77.3	126,900	42.0	77.3	123,600	42.0	77.3	120,400	42.0	77.3	117,600
44.0	76.5	121,300	44.0	76.5	118,200	44.0	76.5	115,100	44.0	76.5	112,500
46.0	75.7	115,600	46.0	75.7	112,800	46.0	75.7	109,700	46.0	75.7	107,300
48.0	74.9	108,000	48.0	74.9	105,200	48.0	74.9	102,200	48.0	74.9	99,800
50.0	74.1	100,300	50.0	74.1	97,600	50.0	74.1	94,700	50.0	74.1	92,400
55.0	72.1	83,900	55.0	72.1	81,300	55.0	72.1	78,400	55.0	72.1	76,300
60.0	70.0	70,600	60.0	70.0	68,200	60.0	70.0	65,400	60.0	70.0	63,400
65.0	68.0	59,700	65.0	68.0	57,500	65.0	68.0	54,800	65.0	68.0	52,800
70.0	65.8	50,900	70.0	65.8	48,700	70.0	65.8	46,200	70.0	65.8	44,200
75.0	63.7	43,300	75.0	63.7	41,100	75.0	63.7	38,700	75.0	63.7	36,800
80.0	61.5	36,900	80.0	61.5	34,700	80.0	61.5	32,300	80.0	61.5	30,600
85.0	59.3	31,400	85.0	59.3	29,200	85.0	59.3	27,000	85.0	59.3	25,200
90.0	57.0	26,600	90.0	57.0	24,600	90.0	57.0	22,200	90.0	57.0	20,600
95.0	54.6	22,400	95.0	54.6	20,500	95.0	54.6	18,100	95.0	54.6	16,500
100.0	52.2	18,700	100.0	52.2	16,800	100.0	52.2	14,600		3.00	
110.0	47.1	12,500		0.00	3,400	100					

150	Boom										
	150 ft	Jib		160 ft	Jib		170 ft	Jib		180 ft	Jib
Load Padius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Pated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Load Padius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
40.0	78.0	121,100	40.0	78.0	117,600	40.0	78.0	115,700	40.0	78.0	112,800
42.0	77.3	115,400	42.0	77.3	112,600	42.0	77.3	110,800	42.0	77.3	108,000
44.0	76.5	109,600	44.0	76.5	107,600	44.0	76.5	105,900	44.0	76,5	103,200
46.0	75.7	103,800	46.0	75.7	102,400	46.0	75.7	100,900	46.0	75,7	98,200
48.0	74.9	96,400	48.0	74.9	95,000	48.0	74.9	93,600	48.0	74.9	91,000
50.0	74.1	89,000	50.0	74.1	87,600	50.0	74.1	86,200	50.0	74.1	83,700
55.0	72.1	73,100	55.0	72.1	71,800	55.0	72.1	70,500	55.0	72.1	68,100
60.0	70.0	60,400	60.0	70.0	59,000	60.0	70.0	57,700	60.0	70.0	55,500
65.0	68.0	50,000	65.0	68.0	48,600	65.0	68.0	47,300	65.0	68.0	45,100
70.0	65.8	41,300	70.0	65.8	40,100	70.0	65.8	38,800	70.0	65.8	36,800
75.0	63.7	34,000	75.0	63.7	32,800	75.0	63.7	31,600	75.0	63.7	29,600
0.08	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						
Rec	eves	6	Ree	ves	6	Ree	eves	4	Rec	ves	4
150'	Boom										
	190 ft	Jib		200 ft	Jib						
Load Padius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
40.0	78.0	108,900	40.0	78.0	105,200						
42.0	77.3	104,200	42.0	77.3	100,600						
44.0	76.5	99,500	44.0	76.5	95,900						
46.0	75.7	94,700	46.0	75.7	91,200						
48.0	74.9	87,500	48.0	74,9	84,100						
50.0	74.1	80,200	50.0	74.1	77,000						
55.0	72.1	64,700	55.0	72.1	61,600						
60.0	70.0	52,200	60.0	70.0	49,200						
65.0	68.0	42,000	65.0	68.0	39,100						
0.00	65.8	33,700	70.0	65.8	30,900						
70.0	62.7	26,600	75.0	63.7	24,000						
70.0 75.0	63.7										
70.0 75.0 80.0	61.5	20,700									
70.0 75.0 80.0 85.0		20,700 15,500									
70.0 75.0 80.0	61.5										
70.0 75.0 80.0	61.5										
70.0 75.0 80.0	61.5										

Refer to notes on page 55 to 56.

Reeves

Reeves

Luffing Boom with Luffing Jib Lift Capacity

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

100	Boom									7000	
	70 ft J			80 ft J			90 ft .			100 ft	
Load Radius (ft)	Boom Angle (deg.)	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° Pated Loa (lbs)
40.0	78.8	142,100	40.0	78.8	139,800	40.0	78.8	137,200	40.0	78.8	134,000
42.0	78.1	135,600	42.0	78.1	133,200	42.0	78.1	130,800	42.0	78.1	127,800
44.0	77.3	129,200	44.0	77.3	126,500	44.0	77.3	124,300	44.0	77.3	121,700
46.0	76.6	122,700	46.0	76.6	119,900	46.0	76.6	117,900	46.0	76.6	115,500
48.0	75.8	115,800	48.0	75.8	113,000	48.0	75.8	111,100	48.0	75.8	108,700
50.0	75.1	108,900	50.0	75.1	106,200	50.0	75.1	104,300	50.0	75.1	101,900
55.0	73.2	93,200	55.0	73.2	90,500	55.0	73.2	88,900	55.0	73.2	86,500
60.0	71.3	79,600	60.0	71.3	77,000	60.0	71.3	75,500	60.0	71.3	73,300
65.0	69.4	68,400	65.0	69.4	66,100	65.0	69.4	64,400	65.0	69.4	62,400
70.0	67.5	59,300	70.0	67.5	57,000	70.0	67.5	55,300	70.0	67.5	53,400
75.0	65.5	51,500	75.0	65.5	49,200	75.0	65.5	47,700	75.0	65.5	45,700
80.0	63.5	44,800	80.0	63.5	42,600	80.0	63.5	41,100	80.0	63.5	39,100
85.0	61.4	39,100	85.0	61.4	36,900	85.0	61.4	35,300	85.0	61.4	33,600
90.0	59.3	34,200	90.0	59.3	32,000	90.0	59.3	30,600	90.0	59.3	28,700
95.0	57.2	29,800	95.0	57.2	27,700	95.0	57.2	26,300	95.0	57.2	24,400
100.0	55.0	26,000	100.0	55.0	24,000	100.0	55.0	22,400	100.0	55.0	20,700
110.0	50.4	19,400	110.0	50.4	17,400	110.0	50.4	15,900	110.0	50.4	14,300
120.0	45.4	14,300									
Ree	eves	6	Ree	ves	6	Ree	eves	6	Ree	ves	6
160'	Boom										
	110 ft	Jib		120 ft	Ji b		130 ft	Jib		140 ft	Jib
Load Padius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Padius (ft)	Boom Angle (deg.)	360° Pated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Pated Loa (lbs)
40.0	78.8	132,000	40.0	78.8	128,500	40.0	78.8	125,400	40.0	78.8	121,800
42.0	78.1	100000000000000000000000000000000000000	42.0	78.1	122,200	42.0	78.1	119,200	42.0	78.1	115,900
Visit and a second		125,500							42.0		
44.0	77.3	125,500 119.100	75,576,5	2000	and the second second	10000	10.00		100		the first district the
44.0 46.0	77.3 76.6	119,100	44.0	77,3	116,000	44.0	77.3	112,900	44.0	77.3	110,100
46.0	76.6	119,100 112,600	44.0 46.0	77.3 76.6	116,000 109,700	44.0 46.0	77.3 76.6	112,900 106,600	44.0 46.0	77.3 76.6	110,100 104,200
46.0 48.0	76.6 75.8	119,100 112,600 105,900	44.0 46.0 48.0	77.3 76.6 75.8	116,000 109,700 103,100	44.0 46.0 48.0	77.3 76.6 75.8	112,900 106,600 100,100	44.0 46.0 48.0	77.3 76.6 75.8	110,100 104,200 97,700
46.0 48.0 50.0	76.6 75.8 75.1	119,100 112,600 105,900 99,200	44.0 46.0 48.0 50.0	77.3 76.6 75.8 75.1	116,000 109,700 103,100 96,400	44.0 46.0 48.0 50.0	77.3 76.6 75.8 75.1	112,900 106,600 100,100 93,500	44.0 46.0 48.0 50.0	77.3 76.6 75.8 75.1	110,100 104,200 97,700 91,200
46.0 48.0 50.0 55.0	76.6 75.8 75.1 73.2	119,100 112,600 105,900 99,200 83,900	44.0 46.0 48.0 50.0 55.0	77.3 76.6 75.8 75.1 73.2	116,000 109,700 103,100 96,400 81,300	44.0 46.0 48.0 50.0 55.0	77.3 76.6 75.8 75.1 73.2	112,900 106,600 100,100 93,500 78,400	44.0 46.0 48.0 50.0 55.0	77.3 76.6 75.8 75.1 73.2	110,100 104,200 97,700 91,200 76,300
46.0 48.0 50.0	76.6 75.8 75.1	119,100 112,600 105,900 99,200	44.0 46.0 48.0 50.0	77.3 76.6 75.8 75.1	116,000 109,700 103,100 96,400 81,300 68,200	44.0 46.0 48.0 50.0	77.3 76.6 75.8 75.1	112,900 106,600 100,100 93,500	44.0 46.0 48.0 50.0	77.3 76.6 75.8 75.1	110,100 104,200 97,700 91,200
46.0 48.0 50.0 55.0 60.0 65.0	76.6 75.8 75.1 73.2 71.3 69.4	119,100 112,600 105,900 99,200 83,900 70,600 59,700	44.0 46.0 48.0 50.0 55.0 60.0 65.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4	116,000 109,700 103,100 96,400 81,300 68,200 57,500	44.0 46.0 48.0 50.0 55.0 60.0 65.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4	112,900 106,600 100,100 93,500 78,400 65,400 54,800	44.0 46.0 48.0 50.0 55.0 60.0 65.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4	110,100 104,200 97,700 91,200 76,300 63,400 52,800
46.0 48.0 50.0 55.0 60.0 65.0 70.0	76.6 75.8 75.1 73.2 71.3 69.4 67.5	119,100 112,600 105,900 99,200 83,900 70,600 59,700 50,900	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5	116,000 109,700 103,100 96,400 81,300 68,200 57,500 48,700	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5	112,900 106,600 100,100 93,500 78,400 65,400 54,800 46,200	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5	110,100 104,200 97,700 91,200 76,300 63,400 52,800 44,200
46.0 48.0 50.0 55.0 60.0 65.0	76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5	119,100 112,600 105,900 99,200 83,900 70,600 59,700 50,900 43,200	44.0 46.0 48.0 50.0 55.0 60.0 65.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5	116,000 109,700 103,100 96,400 81,300 68,200 57,500 48,700 41,100	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5	112,900 106,600 100,100 93,500 78,400 65,400 54,800 46,200 38,700	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5	110,100 104,200 97,700 91,200 76,300 63,400 52,800 44,200 36,800
46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5	119,100 112,600 105,900 99,200 83,900 70,600 59,700 50,900 43,200 36,700	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5	116,000 109,700 103,100 96,400 81,300 68,200 57,500 48,700 41,100 34,700	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5	112,900 106,600 100,100 93,500 78,400 65,400 54,800 46,200 38,700 32,300	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5	110,100 104,200 97,700 91,200 76,300 63,400 52,800 44,200 36,800 30,600
46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4	119,100 112,600 105,900 99,200 83,900 70,600 59,700 50,900 43,200 36,700 31,100	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4	116,000 109,700 103,100 96,400 81,300 68,200 57,500 48,700 41,100 34,700 29,200	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4	112,900 106,600 100,100 93,500 78,400 65,400 54,800 46,200 38,700 32,300 27,000	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4	110,100 104,200 97,700 91,200 76,300 63,400 52,800 44,200 36,800 30,600 25,200
46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4 59.3	119,100 112,600 105,900 99,200 83,900 70,600 59,700 50,900 43,200 36,700 31,100 26,400	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4 59.3	116,000 109,700 103,100 96,400 81,300 68,200 57,500 48,700 41,100 34,700 29,200 24,400	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4 59.3	112,900 106,600 100,100 93,500 78,400 65,400 54,800 46,200 38,700 32,300 27,000 22,200	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5	110,100 104,200 97,700 91,200 76,300 63,400 52,800 44,200 36,800 30,600 25,200 20,600
46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0	76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4 59.3 57.2	119,100 112,600 105,900 99,200 83,900 70,600 59,700 50,900 43,200 36,700 31,100 26,400 22,200	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4 59.3 57.2	116,000 109,700 103,100 96,400 81,300 68,200 57,500 48,700 41,100 34,700 29,200 24,400 20,200	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4 59.3 57.2	112,900 106,600 100,100 93,500 78,400 65,400 54,800 46,200 38,700 32,300 27,000 22,200 18,000	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4 59.3	110,100 104,200 97,700 91,200 76,300 63,400 52,800 44,200 36,800 30,600 25,200
46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0	76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4 59.3	119,100 112,600 105,900 99,200 83,900 70,600 59,700 50,900 43,200 36,700 31,100 26,400	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4 59.3	116,000 109,700 103,100 96,400 81,300 68,200 57,500 48,700 41,100 34,700 29,200 24,400	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4 59.3	112,900 106,600 100,100 93,500 78,400 65,400 54,800 46,200 38,700 32,300 27,000 22,200	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4 59.3	110,100 104,200 97,700 91,200 76,300 63,400 52,800 44,200 36,800 30,600 25,200 20,600
46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4 59.3 57.2 55.0	119,100 112,600 105,900 99,200 83,900 70,600 59,700 50,900 43,200 36,700 31,100 26,400 22,200 18,500	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4 59.3 57.2	116,000 109,700 103,100 96,400 81,300 68,200 57,500 48,700 41,100 34,700 29,200 24,400 20,200	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4 59.3 57.2 55.0	112,900 106,600 100,100 93,500 78,400 65,400 54,800 46,200 38,700 32,300 27,000 22,200 18,000	44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	77.3 76.6 75.8 75.1 73.2 71.3 69.4 67.5 65.5 63.5 61.4 59.3	110,100 104,200 97,700 91,200 76,300 63,400 52,800 44,200 36,800 30,600 25,200

160'	Boom										
	150 ft	Jib.		160 ft	Jib		170 ft	Jib	-	180 ft .	lib
Load Radius (ft)	Boom Angle (deg.)	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 Padius (ft)	Boom Angle (deg.)	360° Rated Load (Ibs)
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 95.0	59.3 57.2	20,600 16,500	90.0 95.0	59.3 57.2	18,400 14,400	90.0	59.3	15,700	90.0	59.3	13,900
Ree	ves	6	Ree	eves	6	Ree	eves	4	Ree	ves	4
-	Boom		100	100		100	100		1.00	100	
100	190 ft	lib.		200 ft	Jb.						
Load	Boom	360	Load	Boom	360°						
Padius (ft)	Angle (deg.)	Rated Load (lbs)	Padius (ft)	Angle (deg.)	Rated Load (lbs)						
40.0	78.8	107,000	40.0	78.8	102,700						
42.0	78.1	102,000	42.0	78.1	98,000						
44.0	77.3	97,000	44.0	77.3	93,300						
46.0	76.6	91,900	46.0	76.6	88,600						
48.0	75.8	85,600	48.0	75.8	82,300						
	75.1	79,300	50.0	75.1	76,100						
50,0	73.2	64,900	55.0	73.2	61,900						
55.0		52,500	60.0	71.3	49,600						
55.0 60.0	71.3			69.4	39,600						
55.0 60.0 65.0	71.3 69.4	42,400	65.0		20.000				1		
55.0 60.0 65.0 70.0	71.3 69.4 67.5	42,400 34,100	70.0	67.5	31,200						
55.0 60.0 65.0 70.0 75.0	71.3 69.4 67.5 65.5	42,400 34,100 27,000			31,200 24,200						
55.0 60.0 65.0 70.0 75.0 80.0	71.3 69.4 67.5 65.5 63.5	42,400 34,100 27,000 20,900	70.0	67.5							
55.0 60.0 65.0 70.0 75.0	71.3 69.4 67.5 65.5	42,400 34,100 27,000	70.0	67.5							

Refer to notes on page 55 to 56.

Reeves

Reeves

Luffing Boom with Luffing Jib Lift Capacity

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

Load Radius (ft) 40.0 42.0 44.0	Boom Angle (deg.)	360	Load	80 ft J Boom			90 ft J			100 ft	
### Adius (ft) 40.0 42.0	Angle				200	I Lond	Danm	200	Load	Doom	360
40.0 42.0	1000000	Pated Load (lbs)	Radius (ft)	Angle (deg.)	360 Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
42.0	79.5	141,900*	40.0	79.5	138,900*	40.0	79.5	136,300 *	40.0	79.5	133,200*
44.0	78.8	132,700 *	42.0	78.8	130,000*	42.0	78.8	127,400 *	42.0	78.8	124,600 *
	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									100
Ree	ves	6	Ree	ves	6	Ree	eves	6	Ree	ves	6
170'	Boom										
	110 ft .			120 ft			130 ft			140 ft	
Load Radius (ft)	Boom Angle (deg.)	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 Loa (lbs)
40.0	79.5	131,000 *	40.0	79.5	127,500 *	40.0	79.5	124,400 *	40.0	79.5	122,800 *
42.0	78.8	122,000 *	42.0	78.8	118,800 *	42.0	78.8	115,800 *	42.0	78.8	114,600
44.0	78.1	113,100 *	44.0	78.1	110,200 *	44.0	78.1	107,100 *	44.0	78.1	106,400
46.0	77.4	104,300	46.0	77.4	101,700	46.0	77.4	98,600	46.0	77.4	98,400
48.0	76.7	100,000	48.0	76.7	97,400	48.0	76.7	94,400	48.0	76.7	94,200
50.0	76.0	95,700	50.0	76.0	93,200	50.0	76.0	90,200	50.0	76.0	90,000
55.0	74.2	83,500	55.0	74.2	81,200	55.0	74.2	78,300	55.0	74.2	78,100
60.0	72.5	70,400	60.0	72.5	68,200	60.0	72.5	65,400	60.0	72.5	65,200
65.0	70.7	59,700	65.0	70.7	57,300	65.0	70.7	54,800	65.0	70.7	54,600
70.0	68.9	50,900	70.0	68.9	48,600	70.0	68.9	46,000	70.0	68.9	45,900
75.0	67.0	43,200	75.0	67.0	41,000	75.0	67.0	38,600	75.0	67.0	38,500
80.0	65.2	36,700	80.0	65.2	34,500	80.0	65.2	32,300	80.0	65.2	32,100
85.0	63.3	31,100	85.0	63.3	29,200	85.0	63.3	26,700	85.0	63.3	26,700
90.0	61.3	26,400	90.0	61.3	24,400	90.0	61.3	22,100	90.0	61.3	22,000
95.0	59.4	22,200	95.0	59.4	20,200	95.0	59.4	18,000	95.0	59.4	17,900
100.0	57.4	18,500	100.0	57.4	16,500	100.0	57.4	14,300	100.0	57.4	14,300
110.0	53.2	12,100	100.0	27.77	10,300	100.0	37,14	14,500	100.0	3,	14,300
	1										

Luffing Boom with Luffing Jib Lift Capacity

Counterweights: 200,650 lbs	Carbody weights: 60,240 lbs
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	150 ft	Jib		160 ft	Jib	-	170 ft	Jib		180 ft .	Jib
Load	Boom	360	Load	Boom	360"	Load	Boom	360	Load	Boom	360
Radius	Angle	Rated Load	Radius	Angle	Rated Load	Radius	Angle	Rated Load	Radius	Angle	Rated Load
(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)	(ft)	(deg.)	(lbs)
40.0	79.5	120,400 *	40.0	79.5	116,800 *	40.0	79.5	113,300 *	40.0	79.5	109,400*
42.0 44.0	78.8 78.1	112,500 * 104,500 *	42.0 44.0	78.8 78.1	109,100 * 101,300 *	42.0 44.0	78.8 78.1	105,500 * 97,800 *	42.0 44.0	78.8 78.1	102,100 * 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						
-	ves	6	Ree	ves	6	Ree	ves	4	Hee	eves	4
170	Boom	-									
	190 ft	ih		200 ft	lih:						
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
Radius	Boom Angle	360° Rated Load	Radius	Boom Angle	360° Rated Load						
Radius (ft) 40.0 42.0	Boom Angle (deg.) 79.5 78.8	360° Rated Load (lbs) 106,500 * 99,000 *	### Radius (ft) 40.0 42.0	Boom Angle (deg.) 79.5 78.8	360° Rated Load (lbs) 102,400 * 95,100 *						
40.0 42.0 44.0	Boom Angle (deg.) 79.5 78.8 78.1	360° Rated Load (lbs) 106,500 * 99,000 * 91,400 *	Radius (ft) 40.0	Boom Angle (deg.) 79.5 78.8 78.1	360° Rated Load (lbs) 102,400 * 95,100 * 87,900 *						
40.0 42.0 44.0 46.0	Boom Angle (deg.) 79.5 78.8 78.1 77.4	360° Rated Load (lbs) 106,500 * 99,000 * 91,400 * 84,000	Radius (ft) 40.0 42.0 44.0 46.0	Boom Angle (deg.) 79.5 78.8 78.1 77.4	360° Rated Load (lbs) 102,400 * 95,100 * 87,900 *			în a			
40.0 42.0 44.0 46.0 48.0	Boom Angle (deg.) 79.5 78.8 78.1 77.4 76.7	360° Rated Load (lbs) 106,500 * 99,000 * 91,400 * 84,000 80,200	### Radius (ft) 40.0 42.0 44.0 46.0 48.0	Boom Angle (deg.) 79.5 78.8 78.1 77.4 76.7	360° Rated Load (lbs) 102,400 * 95,100 * 87,900 * 80,700 76,900						
40.0 42.0 44.0 46.0 48.0 50.0	## Boom Angle (deg.) 79.5 78.8 78.1 77.4 76.7 76.0	360° Rated Load (lbs) 106,500 * 99,000 * 91,400 * 84,000 80,200 76,400	### Readius (ft) 40.0 42.0 44.0 46.0 48.0 50.0	800m Angle (deg.) 79.5 78.8 78.1 77.4 76.7 76.0	360° Rated Load (lbs) 102,400 * 95,100 * 87,900 * 80,700 76,900 73,100					-	
40.0 42.0 44.0 46.0 48.0 50.0 55.0	## Boom Angle (deg.) 79.5 78.8 78.1 77.4 76.7 76.0 74.2	360° Rated Load (lbs)* 106,500 * 99,000 * 91,400 * 84,000 80,200 76,400 65,100	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0	79.5 78.8 78.1 77.4 76.7 76.0 74.2	360° Rated Load (lbs) 102,400 * 95,100 * 87,900 * 80,700 76,900 73,100 62,000					-	
40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0	## Boom Angle (deg.) 79.5 78.8 78.1 77.4 76.7 76.0 74.2 72.5	360° Rated Load (lbs)* 106,500 * 99,000 * 91,400 * 84,000 80,200 76,400 65,100 52,700	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0	79.5 78.8 78.1 77.4 76.7 76.0 74.2 72.5	360° Rated Load (lbs) 102,400 * 95,100 * 87,900 * 80,700 76,900 73,100 62,000 49,900						
40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0	800m Angle (deg.) 79.5 78.8 78.1 77.4 76.7 76.0 74.2 72.5 70.7	360° Rated Load (lbs)* 106,500 * 99,000 * 91,400 * 84,000 80,200 76,400 65,100 52,700 42,600	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 60.0 65.0	79.5 78.8 78.1 77.4 76.7 76.0 74.2 72.5 70.7	360° Rated Load (lbs) 102,400 * 95,100 * 87,900 * 80,700 76,900 73,100 62,000 49,900 39,800						
40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0	## Boom Angle (deg.) 79.5 78.8 78.1 77.4 76.7 76.0 74.2 72.5 70.7 68.9	360° Rated Load (lbs) 106,500 * 99,000 * 91,400 * 84,000 80,200 76,400 65,100 52,700 42,600 34,300	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 60.0 65.0 70.0	79.5 78.8 78.1 77.4 76.7 76.0 74.2 72.5 70.7 68.9	360° Rated Load (lbs) 102,400 * 95,100 * 87,900 * 80,700 76,900 73,100 62,000 49,900 39,800 31,600						
### Radius (ft) 40.0 42.0 44.0 46.0 48.0 55.0 60.0 65.0 70.0 75.0	800m Angle (deg.) 79.5 78.8 78.1 77.4 76.7 76.0 74.2 72.5 70.7 68.9 67.0	360° Rated Load (/bs) 106,500 * 99,000 * 91,400 * 84,000 80,200 76,400 65,100 52,700 42,600 34,300 27,200	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	79.5 78.8 78.1 77.4 76.7 76.0 74.2 72.5 70.7 68.9 67.0	360° Rated Load (lbs) 102,400 * 95,100 * 87,900 * 80,700 76,900 73,100 62,000 49,900 39,800 31,600 24,600						
40.0 42.0 44.0 46.0 48.0 50.0 65.0 60.0 65.0 70.0 75.0 80.0	800m Angle (deg.) 79.5 78.8 78.1 77.4 76.7 76.0 74.2 72.5 70.7 68.9 67.0 65.2	360° Rated Load (/bs) 106,500 * 99,000 * 91,400 * 84,000 80,200 76,400 65,100 52,700 42,600 34,300 27,200 21,100	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 70.0 75.0 80.0	79.5 78.8 78.1 77.4 76.7 76.0 74.2 72.5 70.7 68.9 67.0 65.2	360° Rated Load (lbs) 102,400 * 95,100 * 87,900 * 80,700 76,900 73,100 62,000 49,900 39,800 31,600 24,600 18,500						
40.0 42.0 44.0 46.0 48.0 50.0 65.0 65.0 70.0 75.0	800m Angle (deg.) 79.5 78.8 78.1 77.4 76.7 76.0 74.2 72.5 70.7 68.9 67.0	360° Rated Load (/bs) 106,500 * 99,000 * 91,400 * 84,000 80,200 76,400 65,100 52,700 42,600 34,300 27,200	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	79.5 78.8 78.1 77.4 76.7 76.0 74.2 72.5 70.7 68.9 67.0	360° Rated Load (lbs) 102,400 * 95,100 * 87,900 * 80,700 76,900 73,100 62,000 49,900 39,800 31,600 24,600						
40.0 42.0 44.0 46.0 48.0 50.0 65.0 60.0 65.0 70.0 75.0 80.0	800m Angle (deg.) 79.5 78.8 78.1 77.4 76.7 76.0 74.2 72.5 70.7 68.9 67.0 65.2	360° Rated Load (/bs) 106,500 * 99,000 * 91,400 * 84,000 80,200 76,400 65,100 52,700 42,600 34,300 27,200 21,100	### Addius (ft) 40.0 42.0 44.0 46.0 48.0 50.0 55.0 60.0 70.0 75.0 80.0	79.5 78.8 78.1 77.4 76.7 76.0 74.2 72.5 70.7 68.9 67.0 65.2	360° Rated Load (lbs) 102,400 * 95,100 * 87,900 * 80,700 76,900 73,100 62,000 49,900 39,800 31,600 24,600 18,500						

Luffing Boom with Luffing Jib Lift Capacity

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

	Boom	TI.		90 ft	1b		00.6	6h		100 ft .	Kla.
T	70 ft .		1000	80 ft .		11	90 ft .		- 1 1		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)									
46.0	78.1	112,700	46.0	78.1	110,000	46.0	78.1	107,400	46.0	78.1	105,000
48.0	77.5	108,100	48.0	77.5	105,500	48.0	77.5	102,900	48.0	77.5	100,500
50.0	76.8	103,500	50.0	76.8	101,000	50.0	76.8	98,500	50.0	76.8	96,100
55.0	75.1	91,700	55.0	75.1	89,300	55.0	75.1	86,800	55.0	75.1	84,600
60.0	73.5	79,600	60.0	73.5	77,200	60.0	73.5	74,800	60.0	73.5	72,800
65.0	71.8	68,400	65.0	71.8	66,100	65.0	71.8	63,900	65.0	71.8	61,700
70.0	70.1	59,300	70.0	70.1	57,100	70.0	70.1	54,900	70.0	70.1	52,800
75.0	68.4	51,500	75.0	68.4	49,300	75.0	68.4	47,100	75.0	68.4	45,200
80.0	66.6	44,800	80.0	66.6	42,600	80.0	66.6	40,400	80.0	66.6	38,600
85.0	64.9	38,900	85.0	64.9	36,700	85.0	64.9	34,700	85.0	64.9	32,700
90.0	63.1	34,000	90.0	63.1	31,900	90.0	63.1	29,900	90.0	63.1	28,100
95.0	61.3	29,500	95.0	61.3	27,500	95.0	61.3	25,500	95.0	61.3	23,800
100.0	59.4	25,500	100.0	59.4	23,500	100.0	59.4	21,500	100.0	59.4	19,800
110.0 120.0	55.6 51.5	19,000 13,600	110.0	55.6	17,000	110.0	55.6	15,000	110.0	55.6	13,500
Ree	100	4	Ree	100	4	Ree	1400	4	Pho	ves	4
	-	4	Nee	ves	- 4	Nec	ves	4	Nee	ves	4
180	Boom 110 ft	Jib		120 ft .	Jib		130 ft	Jib		140 ft .	Jib
Load Padius	Boom Angle	360 Rated Load	Load Radius	Boom Angle	360 Rated Load	Load Radius	Boom Angle	360 Rated Load	Load Radius	Boom Angle	360 Rated Load
(ft)	(deg.)	(lbs)									
46.0	78.1	102,100	46.0	78.1	99,500	46.0	78.1	98,100	46.0	78.1	95,900
48.0	77.5	97,700	48.0	77.5	95,200	48.0	77.5	93,900	48.0	77.5	91,700
50.0	76.8	93,400	50.0	76.8	90,800	50.0	76.8	89,700	50.0	76.8	87,500
55.0	75.1	81,900	55.0	75.1	79,500	55.0	75.1	78,500	55.0	75.1	76,400
60.0	73.5	70,200	60.0	73.5	67,800	60.0	73.5	66,900	60.0	73.5	65,000
65.0	71.8	59,300	65.0	71.8	57,100	65.0	71.8	56,200	65.0	71.8	54,400
70.0	70.1	50,400	70.0	70.1	48,200	70.0	70.1	47,300	70.0	70.1	45,600
75.0	68.4	42,800	75.0	68.4	40,700	75.0	68.4	39,800	75.0	68.4	38,000
80.0	66.6	36,200	80.0	66.6	34,200	80.08	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
	61.3 59.4	21,700 17,800	95.0 100.0	61.3 59.4	19,700 15,900	95.0 100.0	61.3 59.4	19,000 15,200	95.0	61.3	17,500
95.0	33.4	17,000	100.0	35.4	13,500	100.0	39,4	13,200			
100.0											

180'	Boom										
	150 ft .	Jib		160 ft	Jib		170 ft	Jib	1	180 ft	Jib
Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Load Padius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
46.0	78.1	94,400	46.0	78.1	91,500	46.0	78.1	88,000	46.0	78.1	85,600
48.0	77.5	90,100	48.0	77.5	87,400	48.0	77.5	84,000	48.0	77.5	81,500
50.0	76.8	85,900	50.0	76.8	83,200	50.0	76.8	79,900	50.0	76.8	77,500
55.0	75.1	74,800	55.0	75.1	72,300	55.0	75.1	69,200	55.0	75.1	66,800
60.0	73.5	63,400	60.0	73.5	61,000	60.0	73.5	57,900	60.0	73.5	55,800
65.0	71.8	52,800	65.0	71.8	50,400	65.0	71.8	47,500	65.0	71.8	45,500
70.0	70.1	44,200	70.0	70.1	41,900	70.0	70.1	39,000	70.0	70.1	37,000
75.0	68.4	36,700	75.0	68.4	34,500	75.0	68.4	31,700	75.0	68.4	29,900
0.08	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						
Ree	eves	4	Ree	ves	4	Ree	ves	4	Rec	ves	4
180'	Boom										
	190 ft			200 ft							
Load Padius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
46.0	78.1	82,000	46.0	78.1	78,700						
48.0	77.5	78,100	48.0	77.5	74,800						
50.0	76.8	74,100	50.0	76.8	70,900						
55.0	75.1	63,600	55.0	75.1	60,600						
60.0	73.5	52,700	60.0	73.5	49,900						
65.0	71.8	42,400	65.0	71.8	39,800						
70.0	70.1	34,100	70,0	70.1	31,500						
75.0	68.4	27,000	75.0	68.4	24,400						
0.08	66.6	20,900	80.0	66.6	18,500						
85.0	64.9	15,700	85.0	64.9	13,300						

Refer to notes on page 55 to 56.

Reeves

Reeves

Luffing Boom with Luffing Jib Lift Capacity

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

	Boom 70 ft	lb.		80 ft J	<i>l</i> b		90 ft .	lb.		100 ft	.ib
Load	Boom	360°	Load	Boom	360°	Load	Boom	360°	Load	Boom	360°
Radius (ft)	Angle (deg.)	Rated Load (lbs)	Radius (ft)	Angle (deg.)	Rated Load (lbs)	Radius (ft)	Angle (deg.)	Rated Load (lbs)	Radius (ft)	Angle (deg.)	Rated Load (lbs)
46.0	78.8	110,900 *	46.0	78.8	108,200 *	46.0	78.8	105,600*	46.0	78.8	103,200*
48.0	78.1	105,600 *	48.0	78.1	102,900 *	48.0	78.1	100,400 *	48.0	78.1	98,000*
50.0	77.5	100,300 *	50.0	77.5	97,600 *	50.0	77.5	95,100 *	50.0	77.5	92,800 *
55.0	76.0	88,800	55.0	76.0	86,300	55.0	76.0	83,900	55.0	76.0	81,700
60.0	74.4	78,900	60.0	74.4	76,600	60.0	74.4	74,200	60.0	74.4	72,100
65.0	100		150000000	72.8	65,900	25/25/2011	72.8	63,600	3.536	72.8	1,000,000,000
200	72,8	68,300	65.0			65.0			65.0		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									
4 1 2 1 10 10 1	ves	4	Hee	ves	4	Ree	eves	4	Hee	ves	4
4 1 2 1 10 10 1	Boom		Hee			Ree			Ree		i E
190'	Boom 110 ft	Jib		120 ft	Jib		130 ft	Jib		140 ft	Jib
Load Padius (ft)	Boom Angle (deg.)	Jib 360° Pated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Jib 360° Pated Load (lbs)	Load Radius (ft)	130 ft Boom Angle (deg.)	Jib 360° Pated Load (lbs)	Load Radius (ft)	140 ft Boom Angle (deg.)	Jib 360° Pated Loa (Ibs)
190' Load Padius	Boom 110 ft Boom Angle	Jib 360° Rated Load	Load Radius	120 ft Boom Angle	Jib 360° Rated Load	Load Radius	130 ft Boom Angle	Jib 360 Rated Load	Load Radius	140 ft Boom Angle	Jib 360° Pated Loa
Load Padius (ft)	Boom Angle (deg.)	Jib 360° Pated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Jib 360° Pated Load (lbs)	Load Radius (ft)	130 ft Boom Angle (deg.)	Jib 360° Pated Load (lbs)	Load Radius (ft)	140 ft Boom Angle (deg.)	360° Rated Loa (lbs) 94,400* 89,300*
Load Padius (ft)	110 ft Boom Angle (deg.) 78.8	360° Rated Load (lbs) 100,500 *	Load Radius (ft)	120 ft Boom Angle (deg.) 78.8	360° Rated Load (lbs) 99,400*	Load Radius (ft) 46.0	130 ft Boom Angle (deg.) 78.8	360° Rated Load (lbs) 96,600 *	Load Radius (ft) 46.0	140 ft Boom Angle (deg.) 78.8	Jib 360° Rated Loa (lbs) 94,400 *
190' Load Padius (ft) 46.0 48.0	Boom Angle (deg.) 78.8 78.1	360° Rated Load (lbs) 100,500 * 95,300 *	Load Radius (ft) 46.0 48.0	120 ft Boom Angle (deg.) 78.8 78.1	360° Rated Load (lbs) 99,400 * 94,300 *	Load Radius (ft) 46.0 48.0	130 ft Boom Angle (deg.) 78.8 78.1	360° Rated Load (lbs) 96,600 * 91,500 *	Load Radius (ft) 46.0 48.0	140 ft Boom Angle (deg.) 78.8 78.1	360° Rated Loa (lbs) 94,400 * 89,300 *
190' Load Padius (ft) 46.0 48.0 50.0	## 110 ft ## Boom Angle (deg.) 78.8 78.1 77.5	360° Pated Load (lbs) 100,500 * 95,300 * 90,000 * 78,900	Load Padius (ft) 46.0 48.0 50.0	120 ft Boom Angle (deg.) 78.8 78.1 77.5	360° Pated Load (lbs) 99,400 * 94,300 * 89,200 * 78,200	Load Padius (ft) 46.0 48.0 50.0	130 ft Boom Angle (deg.) 78.8 78.1 77.5	360° Pated Load (lbs) 96,600 * 91,500 * 86,300 * 75,400	Load Radius (ft) 46.0 48.0 50.0	140 ft Boom Angle (deg.) 78.8 78.1 77.5	360° Rated Loa (Ibs) 94,400 * 89,300 * 84,300 * 73,500
190' Load Padius (ft) 46.0 48.0 50.0 55.0	### 110 ft ### Boom Angle (deg.) 78.8 78.1 77.5 76.0	360° Pated Load (lbs) 100,500 * 95,300 * 90,000 *	Load Padius (ft) 46.0 48.0 50.0 55.0	120 ft Boom Angle (deg.) 78.8 78.1 77.5 76.0	360° Rated Load (lbs) 99,400 * 94,300 * 89,200 *	Load Radius (ft) 46.0 48.0 50.0 55.0	130 ft Boom Angle (deg.) 78.8 78.1 77.5 76.0	360° Pated Load (lbs) 96,600 * 91,500 * 86,300 *	Load Radius (ft) 46.0 48.0 50.0 55.0	140 ft Boom Angle (deg.) 78.8 78.1 77.5 76.0	360° Rated Loa (Ibs) 94,400 * 89,300 * 84,300 *
190' Load Padius (ft) 46.0 48.0 50.0 55.0 60.0	### 110 ft ### Boom Angle (deg.) 78.8 78.1 77.5 76.0 74.4	360° Rated Load (lbs) 100,500 * 95,300 * 90,000 * 78,900 69,400 59,200	Loed Radius (ft) 46.0 48.0 50.0 55.0 60.0	78.8 78.1 77.5 76.0	360° Pated Load (lbs) 99,400 * 94,300 * 89,200 * 78,200 68,800	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0	130 ft Boom Angle (deg.) 78.8 78.1 77.5 76.0 74.4	360° Pated Load (lbs) 96,600 * 91,500 * 86,300 * 75,400 66,100 55,900	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0	78.8 78.1 76.0 74.4	360° Rated Loa (Ibs) 94,400 * 89,300 * 84,300 * 73,500 64,400
190' Load Padius (ff) 46.0 48.0 50.0 65.0 60.0 65.0 70.0	110 ft Boom Angle (deg.) 78.8 78.1 77.5 76.0 74.4 72.8	360° Rated Load (lbs) 100,500 * 95,300 * 90,000 * 78,900 69,400 59,200 50,300	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0	78.8 78.1 77.5 76.0 74.4 72.8	360° Pated Load (lbs) 99,400 * 94,300 * 89,200 * 78,200 68,800 58,500 49,600	Load Padius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0	130 ft Boom Angle (deg.) 78.8 78.1 77.5 76.0 74.4 72.8	360° Rated Load (lbs) 96,600 * 91,500 * 86,300 * 75,400 66,100 55,900 47,300	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0	78.8 78.1 77.5 76.0 74.4 72.8	360° Rated Loa (lbs) 94,400 * 89,300 * 84,300 * 73,500 64,400 54,100 45,500
190' Load Padius (ff) 46.0 48.0 50.0 65.0 65.0 70.0 75.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6	360° Rated Load (lbs) 100,500 * 95,300 * 90,000 * 78,900 69,400 59,200 50,300 42,700	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6	360° Pated Load (lbs) 99,400 * 94,300 * 89,200 * 78,200 68,800 58,500 49,600 42,000	Load Padius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	130 ft Boom Angle (deg.) 78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6	360° Rated Load (lbs) 96,600 * 91,500 * 86,300 * 75,400 66,100 55,900 47,300 39,800	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6	360° Rated Loa (lbs) 94,400 * 89,300 * 73,500 64,400 54,100 45,500 38,000
Load (ft) 46.0 48.0 50.0 65.0 65.0 75.0 80.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0	360° Rated Load (lbs) 100,500 * 95,300 * 90,000 * 78,900 69,400 59,200 50,300 42,700 36,200	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0	360° Pated Load (lbs) 99,400 * 94,300 * 89,200 * 78,200 68,800 58,500 49,600 42,000 35,500	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0	360° Pated Load (lbs) 96,600 * 91,500 * 86,300 * 75,400 66,100 55,900 47,300 39,800 33,300	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0	360° Rated Loa (lbs) 94,400 * 89,300 * 73,500 64,400 54,100 45,500 38,000 31,600
190' Load Padius (ff) 46.0 48.0 50.0 65.0 60.0 75.0 80.0 85.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3	360° Rated Load (lbs) 100,500 * 95,300 * 90,000 * 78,900 69,400 59,200 50,300 42,700 36,200 30,500	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3	360° Pated Load (lbs) 99,400 * 94,300 * 89,200 * 78,200 68,800 58,500 49,600 42,000 35,500 29,800	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3	360° Rated Load (lbs) 96,600 * 91,500 * 86,300 * 75,400 66,100 55,900 47,300 39,800 33,300 27,600	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3	360° Rated Loa (lbs) 94,400 * 89,300 * 73,500 64,400 54,100 45,500 38,000 31,600 26,100
190' Load Padius (ft) 46.0 48.0 50.0 65.0 65.0 75.0 80.0 85.0 90.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3 64.6	360° Rated Load (lbs) 100,500 * 95,300 * 90,000 * 78,900 69,400 59,200 50,300 42,700 36,200 30,500 25,900	Load Padius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3 64.6	360° Rated Load (lbs) 99,400 * 94,300 * 89,200 * 78,200 68,800 58,500 49,600 42,000 35,500 29,800 25,200	Load Padius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3 64.6	360° Rated Load (lbs) 96,600 * 91,500 * 86,300 * 75,400 66,100 55,900 47,300 39,800 33,300 27,600 23,000	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3 64.6	360° Rated Loa (lbs) 94,400 * 89,300 * 73,500 64,400 54,100 45,500 38,000 31,600 26,100 21,600
190' Load adius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 85.0 90.0 95.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3 64.6 62.9	360° Rated Load (lbs) 100,500 * 95,300 * 90,000 * 78,900 69,400 59,200 50,300 42,700 36,200 30,500 25,900 21,600	Load Padius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3 64.6 62.9	360° Pated Load (lbs) 99,400 * 94,300 * 89,200 * 78,200 68,800 58,500 49,600 42,000 35,500 29,800 25,200 21,000	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3 64.6 62.9	360° Rated Load (lbs) 96,600 * 91,500 * 86,300 * 75,400 66,100 55,900 47,300 39,800 33,300 27,600 23,000 18,800	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3	360° Rated Loa (lbs) 94,400 * 89,300 * 73,500 64,400 54,100 45,500 38,000 31,600 26,100
190' Load edius (ft) 46.0 48.0 50.0 65.0 65.0 75.0 80.0 85.0 90.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3 64.6	360° Rated Load (lbs) 100,500 * 95,300 * 90,000 * 78,900 69,400 59,200 50,300 42,700 36,200 30,500 25,900	Load Padius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3 64.6	360° Rated Load (lbs) 99,400 * 94,300 * 89,200 * 78,200 68,800 58,500 49,600 42,000 35,500 29,800 25,200	Load Padius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3 64.6	360° Rated Load (lbs) 96,600 * 91,500 * 86,300 * 75,400 66,100 55,900 47,300 39,800 33,300 27,600 23,000	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3 64.6	360° Rated Loa (lbs) 94,400 * 89,300 * 73,500 64,400 54,100 45,500 38,000 31,600 26,100 21,600
190' Load Padius (ft) 46.0 48.0 55.0 65.0 75.0 80.0 85.0 90.0 95.0 100.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3 64.6 62.9	360° Rated Load (lbs) 100,500 * 95,300 * 90,000 * 78,900 69,400 59,200 50,300 42,700 36,200 30,500 25,900 21,600	Load Padius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 85.0 90.0 95.0 100.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3 64.6 62.9	360° Pated Load (lbs) 99,400 * 94,300 * 89,200 * 78,200 68,800 58,500 49,600 42,000 35,500 29,800 25,200 21,000	Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 90.0 95.0 100.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3 64.6 62.9	360° Rated Load (lbs) 96,600 * 91,500 * 86,300 * 75,400 66,100 55,900 47,300 39,800 33,300 27,600 23,000 18,800	Load Padius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	78.8 78.1 77.5 76.0 74.4 72.8 71.2 69.6 68.0 66.3 64.6	360° Rated Loa (lbs) 94,400 * 89,300 * 73,500 64,400 54,100 45,500 38,000 31,600 26,100 21,600

Load Padius (ft)	Boom 150 ft.										
adius		lib		160 ft	Jib		170 ft .	<i>lib</i>	1	180 ft	Jib
111/	Boom Angle (deg.)	360 Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360' Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
46.0	78.8	92,800 *	46.0	78.8	90,000 *	46.0	78.8	86,600 *	46.0	78.8	84,000 *
48.0	78.1	87,800 *	48.0	78.1	85,000 *	48.0	78.1	81,700 *	48.0	78.1	79,200 *
50.0	77.5	82,900 *	50.0	77.5	80,100 *	50.0	77.5	76,800 *	50.0	77.5	74,500 *
55.0	76.0	72,200	55.0	76.0	69,600	55.0	76.0	66,400	55.0	76.0	64,200
60.0	74.4	63,000	60.0	74.4	60,500	60.0	74.4	57,600	60.0	74.4	55,400
65.0	72.8	52,800	65.0	72.8	50,600	65.0	72.8	47,700	65.0	72.8	45,500
70.0	71.2	44,200	70.0	71.2	42,000	70.0	71.2	39,100	70.0	71.2	37,200
75.0	69.6	36,800	75.0	69.6	34,600	75.0	69.6	31,800	75.0	69.6	30,000
0.08	68.0	30,500	80.0	68.0	28,300	80.0	68.0	25,700	80.0	68.0	23,700
85.0 90.0	66.3 64.6	24,800 20,300	85.0 90.0	66.3 64.6	22,800 18,300	85.0 90.0	66.3 64.6	20,100 15,700	85.0 90.0	66.3 64.6	18,400 13,900
95.0	62.9	16,200	95.0	62.9	14,200	50.0	94.0	13,730	55.5		10,500
Ree		4	Ree	ves	4	Ree	ves	4	Ree	ves	4
190	Boom 190 ft	16		200 ft	ih		_				
Load	Boom	360°	Load	Boom	360°						
adius (ft)	Angle (deg.)	Rated Load (lbs)	Radius (ft)	Angle (deg.)	Rated Load (lbs)						
46.0	78.8	80,500 *	46.0	78.8	77,400 *						
48.0	78.1	75,800 *	48.0	78.1	72,700 *						
50.0	77.5	71,100 *	50.0	77.5	68,000 *						
55.0	76.0 74.4	61,000	55.0	76.0	58,000						
60.0	4404	52,300	60.0	74.4	49,500						
65.0 70.0	72.8 71.2	42,600 34,300	65.0 70.0	72.8 71.2	39,900 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						

Refer to notes on page 55 to 56.

Reeves

Reeves

Luffing Boom with Luffing Jib Lift Capacity

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

Lou	Boom	FL.		440.0	FI.		400.0	ri.		400.0	ri-
7000	100 ft			110 ft			120ft			130 ft	
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360 Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
46.0	79.3	101,600 *	46.0	79.3	101,400*	46.0	79.3	98,300 *	46.0	79.3	95,900*
48.0	78.7	96,400 *	48.0	78.7	95,900 *	48.0	78.7	93,000 *	48.0	78.7	90,500 *
50.0	78.1	91,100 *	50.0	78.1	90,400 *	50.0	78.1	87,700 *	50.0	78.1	85,100 *
55.0	76.7	79,700	55.0	76.7	78,600	55.0	76.7	76,300	55.0	76.7	73,700
60.0	75.2	70,100	60.0	75.2	69,000	60.0	75.2	66,800	60.0	75.2	64,400
65.0	73.7	61,000	65.0	73.7	59,900	65.0	73.7	57,900	65.0	73.7	55,500
70.0	72.2	52,400	70.0	72.2	51,400	70.0	72.2	49,500	70.0	72.2	47,000
75.0	70.7	44,700	75.0	70.7	43,800	75.0	70.7	41,800	75.0	70.7	39,500
80.0	69.1	38,000	80.0	69.1	37,100	80.0	69.1	35,100	80.0	69.1	32,900
85.0	67.6	32,500	85.0	67.6	31,600	85.0	67.6	29,600	85.0	67.6	27,400
90.0	66.0	27,600	90.0	66.0	26,800	90.0	66.0	24,900	90.0	66.0	22,800
95.0	64.4	23,200	95.0	64.4	22,400	95.0	64.4	20,600	95.0	64.4	18,600
100.0	62.8	19,400	100.0	62.8	18,500	100.0	62.8	16,700	100.0	62.8	14,800
110.0	59.5	13,000	110.0	59.5	12,300						
Ree	eves	4	Ree	ves	4	Ree	eves	4	Ree	ves	4
200'	Boom										
200'	Boom 140 ft	Jib		150 ft	Jib		160 ft	Jib		170ft	Jib
Load Radius (ft)	140 ft . Boom Angle	Jib 360° Rated Load (lbs)	Load Radius (ft)	Boom Angle	360° Rated Load	Load Radius (ft)	Boom Angle	360° Rated Load	Load Radius (ft)	Boom Angle	360° Rated Load
Load Radius	140 ft Boom	360° Rated Load (lbs)		Boom Angle (deg.)	360° Rated Load (lbs)		Boom Angle (deg.)	360° Rated Load (lbs)	Radius	Boom Angle (deg.)	360° Rated Load (lbs)
Load Radius (ft)	Boom Angle (deg.) 79.3	360° Rated Load (lbs) 92,600 *	Radius (ft) 46.0	Boom Angle (deg.) 79.3	360° Rated Load (lbs) 90,800 *	Radius (ft) 46.0	Boom Angle (deg.) 79.3	360° Rated Load (lbs) 88,000 *	Radius (ft) 46.0	Boom Angle (deg.) 79.3	360° Rated Load (lbs) 84,700 *
Load Radius (ft) 46.0 48.0	Boom Angle (deg.) 79.3 78.7	360° Rated Load (lbs) 92,600 * 87,600 *	Radius (ft) 46.0 48.0	Boom Angle (deg.) 79.3 78.7	360° Rated Load (lbs) 90,800 * 85,900 *	### Radius (ft) 46.0 48.0	Boom Angle (deg.) 79.3 78.7	360° Rated Load (lbs) 88,000 * 83,100 *	### Radius (ft) 46.0 48.0	Boom Angle (deg.) 79.3 78.7	360° Rated Load (lbs) 84,700 * 79,900 *
Load Radius (ft) 46.0 48.0 50.0	79.3 78.7 78.1	360 Pated Load (lbs) 92,600 * 87,600 * 82,600 *	### Radius (ft) 46.0 48.0 50.0	Boom Angle (deg.) 79.3 78.7 78.1	360° Rated Load (lbs) 90,800 * 85,900 * 81,000 *	### Radius (ft) 46.0 48.0 50.0	Boom Angle (deg.) 79.3 78.7 78.1	360° Rated Load (lbs) 88,000 * 83,100 * 78,300 *	### Radius (ft) 46.0 48.0 50.0	Boom Angle (deg.) 79.3 78.7 78.1	360° Rated Load (lbs) 84,700 * 79,900 * 75,100 *
Load Radius (ft) 46.0 48.0 50.0 55.0	### 140 ft 15	360' Pated Load (lbs) 92,600 * 87,600 * 82,600 * 71,700	### Radius (ft) 46.0 48.0 50.0 55.0	Boom Angle (deg.) 79.3 78.7 78.1 76.7	360' Rated Load (lbs) 90,800 * 85,900 * 81,000 * 70,300	### Radius (ft) 46.0 48.0 50.0 55.0	Boom Angle (deg.) 79.3 78.7 78.1 76.7	360° Rated Load (lbs) 88,000 * 83,100 * 78,300 * 67,700	### Radius (ft) 46.0 48.0 50.0 55.0	Boom Angle (deg.) 79.3 78.7 78.1 76.7	360° Rated Load (lbs) 84,700 * 79,900 * 75,100 * 64,700
Load Radius (ft) 46.0 48.0 50.0	79.3 78.7 78.1	360° Pated Load (lbs) 92,600 * 87,600 * 82,600 * 71,700 62,500	### Radius (ft) 46.0 48.0 50.0	Boom Angle (deg.) 79.3 78.7 78.1	360° Rated Load (lbs)* 90,800 * 85,900 * 81,000 * 70,300 61,100	### Radius (ft) 46.0 48.0 50.0	Boom Angle (deg.) 79.3 78.7 78.1	360° Rated Load (lbs) 88,000 * 83,100 * 78,300 *	### Radius (ft) 46.0 48.0 50.0	Boom Angle (deg.) 79.3 78.7 78.1	360° Rated Load (lbs) 84,700 * 79,900 * 75,100 * 64,700 55,800
Load Radius (ft) 46.0 48.0 50.0 55.0 60.0	79.3 78.7 78.1 76.7 75.2 73.7	360° Pated Load (lbs) 92,600 * 87,600 * 71,700 62,500 53,700	### Radius (ft) 46.0 48.0 50.0 55.0 60.0	Boom Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7	360° Rated Load (lbs) 90,800 * 85,900 * 81,000 * 70,300 61,100 52,400	### Padius (ft) 46.0 48.0 50.0 55.0 60.0 65.0	800m Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7	360° Rated Load (lbs) 88,000 * 83,100 * 78,300 * 67,700 58,700 50,000	### Redius (ft) 46.0 48.0 50.0 55.0 60.0 65.0	Boom Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7	360° Rated Load (lbs) 84,700 * 79,900 * 75,100 * 64,700 55,800 47,100
Load Padius (ft) 46.0 48.0 50.0 55.0 60.0 65.0	79.3 78.7 78.1 76.7 75.2 73.7 72.2	360° Pated Load (lbs) 92,600 * 87,600 * 82,600 * 71,700 62,500	### Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0	Poom Angle (deg.) 79.3 78.7 78.1 76.7 75.2	360° Rated Load (lbs) 90,800 * 85,900 * 81,000 * 70,300 61,100 52,400 44,100	### Radius (ft) 46.0 48.0 50.0 55.0 60.0	Boom Angle (deg.) 79.3 78.7 78.1 76.7 75.2	360° Rated Load (lbs) 88,000 * 83,100 * 78,300 * 67,700 58,700 50,000 41,800	### Radius (ft) 46.0 48.0 50.0 55.0 60.0	Boom Angle (deg.) 79.3 78.7 78.1 76.7 75.2	360° Rated Load (lbs) 84,700 * 79,900 * 75,100 * 64,700 55,800 47,100 39,000
Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7	360° Pated Load (lbs) 92,600 * 87,600 * 71,700 62,500 53,700 45,300 37,800	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	Poom Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7	360° Rated Load (lbs) 90,800 * 85,900 * 81,000 * 70,300 61,100 52,400 44,100 36,600	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	800m Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7 72.2	360° Rated Load (lbs) 88,000 * 83,100 * 78,300 * 67,700 58,700 50,000 41,800 34,400	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	800m Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7	360° Rated Load (lbs) 84,700 * 79,900 * 75,100 * 64,700 55,800 47,100 39,000 31,700
Load Padius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1	360° Pated Load (lbs) 92,600 * 87,600 * 82,600 * 71,700 62,500 53,700 45,300 37,800 31,400	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	Poom Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1	360° Rated Load (lbs) 90,800 * 85,900 * 81,000 * 70,300 61,100 52,400 44,100 36,600 30,100	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	800m Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1	360° Rated Load (lbs) 88,000 * 83,100 * 78,300 * 67,700 58,700 50,000 41,800 34,400 28,000	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	800m Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1	360° Rated Load (lbs) 84,700 * 79,900 * 75,100 * 64,700 55,800 47,100 39,000 31,700 25,300
Load Radius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 75.0 80.0 85.0	79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7	360° Pated Load (lbs) 92,600 * 87,600 * 82,600 * 71,700 62,500 53,700 45,300 37,800 31,400 25,900	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	Poom Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7	360° Rated Load (lbs) 90,800 * 85,900 * 81,000 * 70,300 61,100 52,400 44,100 36,600 30,100 24,700	### Addius (ft) ### 46.0 ### 48.0 ### 50.0 ### 50.0 ### 60.0	800m Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7	360° Rated Load (lbs) 88,000 * 83,100 * 78,300 * 67,700 58,700 50,000 41,800 34,400 28,000 22,800	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0	800m Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7	360° Rated Load (lbs) 84,700 * 79,900 * 75,100 * 64,700 55,800 47,100 39,000 31,700 25,300 20,100
Load Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6	360° Pated Load (lbs) 92,600 * 87,600 * 82,600 * 71,700 62,500 53,700 45,300 37,800 31,400	### Addius (ft) ### 46.0 ### 48.0 ### 55.0 ### 60.0 ### 65.0 ### 75.0 ### 80.0 ### 85.0	Poom Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6	360° Rated Load (lbs) 90,800 * 85,900 * 81,000 * 70,300 61,100 52,400 44,100 36,600 30,100	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	800m Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6	360° Rated Load (lbs) 88,000 * 83,100 * 78,300 * 67,700 58,700 50,000 41,800 34,400 28,000	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6	360° Rated Load (lbs) 84,700 * 79,900 * 75,100 * 64,700 55,800 47,100 39,000 31,700 25,300
Load Padius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0	79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6 66.0	360° Fated Load (lbs) 92,600 * 87,600 * 82,600 * 71,700 62,500 53,700 45,300 37,800 31,400 25,900 21,300	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	Poom Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6 66.0	360° Rated Load (lbs) 90,800 * 85,900 * 81,000 * 70,300 61,100 52,400 44,100 36,600 30,100 24,700 20,000	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	800m Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6 66.0	360° Rated Load (/bs) 88,000 * 83,100 * 78,300 * 67,700 58,700 50,000 41,800 34,400 28,000 22,800 18,000	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6	360° Rated Load (lbs) 84,700 * 79,900 * 75,100 * 64,700 55,800 47,100 39,000 31,700 25,300 20,100
Load Padius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6 66.0	360° Fated Load (lbs) 92,600 * 87,600 * 82,600 * 71,700 62,500 53,700 45,300 37,800 31,400 25,900 21,300	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	Poom Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6 66.0	360° Rated Load (lbs) 90,800 * 85,900 * 81,000 * 70,300 61,100 52,400 44,100 36,600 30,100 24,700 20,000	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	800m Angle (deg.) 79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6 66.0	360° Rated Load (/bs) 88,000 * 83,100 * 78,300 * 67,700 58,700 50,000 41,800 34,400 28,000 22,800 18,000	### Addius (ft) 46.0 48.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0	79.3 78.7 78.1 76.7 75.2 73.7 72.2 70.7 69.1 67.6	360° Rated Load (lbs) 84,700 * 79,900 * 75,100 * 64,700 55,800 47,100 39,000 31,700 25,300 20,100

Luffing Boom with Luffing Jib Lift Capacity

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

200'	Boom	ř.	-	100.5			200.0	er.	
	180 ft			190 ft			200 ft		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Pated Load (lbs)	
46.0	79.3	82,000 *	46.0	79.3	78,700*	46.0	79.3	75,400*	
48.0	78.7	77,400 *	48.0	78.7	74,100*	48.0	78.7	70,900 *	
50.0	78.1	72,700 *	50.0	78.1	69,400 *	50.0	78.1	66,400*	
55.0	76.7	62,500	55.0	76.7	59,300	55.0	76.7	56,400	
60.0	75.2	53,700	60.0	75.2	50,600	60.0	75.2	47,800	
65.0	73.7	45,100	65.0	73.7	42,200	65.0	73.7	39,500	
70.0	72.2	37,100	70.0	72.2	34,300	70.0	72.2	31,800	
75.0	70.7	29,900	75.0	70.7	27,100	75.0	70.7	24,700	
80.0	69.1	23,500	80.0	69.1	20,900	80.0	69.1	18,500	
85.0	67.6	18,300	85.0	67.6	15,700	85.0	67.6	13,500	
90.0	66.0	13,800							
Ree	ves	4	Ree	ves	4	Ree	ves	4	

				_	70 ft		SE 4											ft Jib					
000			92	B	oom Ang	gle (de	7.50		60		62		00		02		Boom A				60		60
edius L	Rated	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	78 Rated Load (lbs)	Load Radius (ft)	73 Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	78 Rated Load (lbs)	Load Radius (ft)	73 Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rateo Load (lbs)
4.0 171 6.0 167 8.0 162 0.0 157 2.0 152 4.0 148 6.0 143 8.0 138 6.0 121 6.0 109 6.0	6,300° 1,900° 7,200° 2,400° 7,600° 2,800° 8,100° 3,300° 4,800° 1,800° 9,900° 8,000° 6,100° 2,500°	46.0 48.0 50.0 65.0 60.0 65.0 70.0 75.0	144,600* 139,900* 135,200* 125,600* 117,300 106,300 96,800 88,700	60.0 65.0 70.0 76.0 80.0 85.0	115,700 104,300 95,100 87,100 80,200 74,200	76.0 80.0 85.0 90.0	85,400 78,500 72,800 67,900	80.0 85.0 90.0 96.0	77,000 71,300 66,500 62,200	95.0 100.0	61,000 57,300	40.0 42.0 44.0 46.0 50.0 65.0 65.0 70.0 85.0 85.0	153,100° 149,500° 146,900° 142,200° 138,200° 134,200° 124,000° 113,800° 103,700° 94,500° 84,000° 72,600° 61,700°	55.0 60.0 66.0 70.0 75.0 80.0 85.0 90.0	125,300* 117,000 106,200 96,800 88,700 81,800 75,700 67,300	60.0 65.0 70.0 75.0 80.0 85.0 90.0 96.0	115,500 104,100 94,700 86,700 79,800 73,900 69,000 64,600	76.0 80.0 85.0 90.0 95.0	85,300 78,500 72,600 67,700 63,300 59,400	90.0 95.0 100.0 110.0	66,100 61,800 58,000 51,600	100.0	57,00 60,70
Reeves	6 70' E	Reev	-	Ree	ves 6		ves 6	Reev	ves 6	Reev	res 6	Reev	ves 6	Reev	ves 6	Ree		Reev oft Jib		Reev	ves 6	Reev	ves
	. 1			B	oom Ang	gle (de											Boom A	-				1	
	Rated	Load	83 Rated	Load	78 Rated	Load	73 Rated	Load	68 Rated	Load	63 Rated	Load	88 Rated	Load	83 Rated	Load	78 Rated	Load	73 Rated	Load	68 Rated	Load	63 Rateo
	Load (lbs)	Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Radius (ft)	(lbs)	Radius (ft)	Load (lbs)
2.0 149 4.0 146 6.0 142 8.0 138 6.0 134 6.0 124 6.0 114 6.0 106 6.0 95 6.0 95 6.0 87 79 6.0 70	4,300* 4,800* 5,200* 5,600* 7,100* 9,100* 0,400*	55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0	124,800* 116,000 105,900 96,600 88,500 81,500 75,500 70,400 65,000	70.0 76.0 80.0 86.0 90.0 96.0	86,500 79,600 73,700	80.0 85.0 90.0 95.0 100.0	78,100 72,400 63,000 63,000 59,000 62,600	96.0 100.0 110.0	61,600 57,700 61,200	110.0 120.0	60,300 45,100	56.0	144,700° 141,700° 141,700° 138,700° 135,600° 132,400° 129,200° 121,000° 112,800° 104,800° 96,300° 88,100° 88,100° 80,600° 74,200° 67,500° 60,600° 53,600°	60.0 66.0 70.0 75.0 80.0 86.0 90.0 95.0 100.0	105,600 96,300 88,200 81,300 76,300 70,200 65,600 61,400	76.0 80.0 85.0 90.0 95.0 100.0	86,500 79,600 73,700 68,600 64,100 60,100 53,400	90.0 95.0 100.0 110.0 120.0	67,200 62,800 58,800 62,300 46,900	100.0 110.0 120.0	57,500 51,200 45,800 41,500	120.0	44,90 40,60

Luffing Jib Lift Capacity

Counterweights: 200,650 lbs Carbody weights: 60,240 lbs 70' Boom 110 ft Jb 120 ft Jib Boom Angle (deg.) Boom Angle (deg., 88 83 78 73 68 63 88 63 Paled Load (lbs) Rated Load Rated Load Rateo Load Padius Load Padius Load Radius Load Padius Load Radius Rated Load Padius Load Padius Load Fadius Padius **Fadius** Load Load Load Load Load Load Load Load Load 46.0 118,900 46.0 105,100 48.0 117,500* 48.0 104,100 50.0 116,100 50.0 103.200 55.0 112,100 55.0 100,600 60.0 107,600 60.0 114,000 60.0 97,700 65.0 103,000* 65.0 105,300 65.0 94,700* 70.0 95,800 70.0 96,300 70.0 94,700 91,400* 70.0 75.0 88,200 75.0 88,200 75.0 86,000 75.0 87,100* 75.0 87,900 0.08 80,800 80.0 81,100 80.0 79,200 80.0 81,600* 80.0 80,900 80.0 79,200 85.0 74,400 85.0 75,300 85.0 73,300 85.0 75,100° 85.0 75,000 85.0 73,300 90.0 69,000 90.0 70,200 90.0 68,300 90,0 69,600* 90.0 69,900 90.0 68,300 63,700* 65,600 63,900 95.0 95.0 64,700* 63,900 95.0 95.0 95.0 62,700 95.0 65,300 95.0 95.0 62,400 100.0 58,300* 100.0 61,400 100.0 59,900 100,0 58,800 60,100* 100.0 61,200 100.0 59,900 100.0 68,400 110.0 46,700° 110.0 54,500 110.0 53,100 110.0 52,100 110.0 50,700 51,200* 110.0 54,300 110.0 53,100 110.0 51,800 45,600 44,700 41,500* 45,400 120.0 47,700 120.0 46,700 120.0 120.0 120.0 1200 48,400 120 0 47,600 120.0 46,500 120.0 130.0 42,300 130.0 41,200 130.0 40,400 130.0 40,000* 130.0 43,000 130.0 42,100 130.0 41,000 130.0 40,100 38,200 140.0 36,700 140.0 37,300 140.0 36,500 140.0 150.0 34,200 150.0 33,300 Reeves 4 Ree 70' Boom 130 ft Jb 140ft Jib Boom Angle (deg., Boom Angle (deg., 88 83 78 68 63 88 83 68 63 Pated **Fated** Rated Pateo Rated Rateo Rated Rateo Rated Load Load Load Padiu (ft) (lbs) 55.0 86,400 74,100 84.900 60.0 73.000 60.0 65.0 83,100 65.0 71,900* 70.0 80,900* 70.0 84,400 70.0 70,900* 75.0 82,400 75.0 78,600 75.0 69,600* 75.0 71.300 80.0 76.000 80.0 79,300 80.0 68.100* 80.0 70,300 85.0 73,100 74,700 69,400 85,0 66,600* 85.0 90.0 69,600° 90.0 69,700 90.0 68,200 90.0 64,300° 90.0 67.300 90.0 67,500 95.0 65,300 65,200 95.0 63,700 95.0 62.000* 95.0 64,400 95.0 63,700 95.0 61,200 59,700 58,400 59,600* 59,600 100.0 60.800 100.0 100.0 100.0 100.0 100.0 61,000 100.0 54,300 51,800 52,900 110.0 51,600 110.0 53,500 110.0 110.0 53,000 110.0 110.0 53,500* 110.0 54,100 110.0 120.0 45,500 120.0 48,700 120.0 47,600 120.0 46,500 120.0 45,400 120.0 47,200* 120.0 48,600 120.0 47,300 120.0 46,200 120.0 45,100 40,800 130.0 130.0 44,000 130.0 130.0 130.0 130.0 130.0 43,900 130.0 42,800 130.0 130.0 40,800 37,100° 43,000 41,900 40,500* 41,700 140.0 140.0 140.0 140.0 36.200 140.0 140.0 38,200 37.200 140.0 36.300 140.0 33,400* 39,300 140.0 39.000 38,000 140.0 37.100 39,100 34,900 33,300 32,400" 150.0 35,700 150.0 33,100 150.0 34,200 150.0 150.0 150.0 34,800 160.0 34,000 160.0 30,600 160.0 160.0 31,200 160,0 30,400 32,100 170.0 29,000 170.0 28,100

Reeves 4 Ree

					150 1	CI PERCE	- 1											ft Jib					
_	88		83	B	oom Ang	gle (de	eg.) 73	1	68		63		88		83		Boom A	ngle (deg.) 73	1	68		63
Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)
56.0 60.0 65.0 70.0 75.0 80.0 86.0 90.0 90.0 110.0 120.0 140.0	59,300* 58,400 ° 57,400° 56,800 ° 53,800° 49,900 ° 46,400° 42,200 ° 35,900°	75.0 80.0 85.0 90.0 95.0 100.0 110.0 130.0 140.0	60,400* 59,500 * 58,800* 67,900 * 56,400*	95.0 100.0 110.0 120.0 130.0 140.0 160.0	69,100 ⁻ 57,900 52,600 47,100 42,600 38,700 35,600	120.0 130.0 140.0 160.0 170.0	46,000 41,500 37,800 34,400 31,800 29,400	130.0 140.0 150.0 160.0 170.0	40,400 36,700 33,500 30,900 28,500	150.0 160.0 170.0 180.0	32,800 30,100 27,800 25,800	60.0 65.0 70.0 75.0 80.0 90.0 910.0 110.0 130.0 140.0 160.0	53,600* 52,500* 50,800* 50,000* 49,400* 48,500* 47,200* 45,500* 42,100* 39,300* 31,100*	80.0 85.0 90.0 96.0 110.0 120.0 140.0 150.0 170.0	49,600* 48,900* 47,900* 41,300* 38,400* 36,000* 33,900*	100.0 110.0 120.0 130.0 140.0 160.0 170.0	49,100** 46,600* 43,200* 40,200* 37,600* 36,200 32,600 30,100	120.0 130.0 140.0 150.0 170.0 180.0	45,300 41,600 37,700 34,400 31,700 29,200 27,200	140.0 1 50.0 160.0 1 70.0 180.0	36,700 33,600 30,900 28,500 26,400	160.0 170.0 180.0 190.0	30,00 27,60 25,60 23,80
Ree	ves 4 70'	Reev		Reen	170 toom Ang	_		Reev	ves 4	Reev	ves 4	Reev	ves 2	Reev	ves 2	Reev		Reev Oft Jib		Reev	/es 2	Reev	res 2
	88		83		78		73		68		63	-	88	_	83	- = -	78		73	-	68	-	63
Load Padius (ft)	Rated Load (lbs) 58,400*	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)
65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0 140.0	57,400* 56,600* 53,800* 52,000* 50,100* 48,300* 46,300* 40,500* 37,300* 34,100* 30,800* 27,800* 24,800*	80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 150.0 170.0	51,200° 49,400° 47,600° 45,900° 42,200° 38,800°	100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	47,000° 43,500° 40,300° 33,900° 28,100° 25,200° 22,200°	120.0 130.0 140.0 150.0 170.0 180.0 190.0	41,400* 38,200* 35,200* 32,400* 29,500* 26,600* 21,200*	140.0 150.0 160.0 170.0 180.0	36,200 33,100 30,400 27,900 25,400* 22,700*	160.0 170.0 180.0 190.0 200.0	29,500 27,200 25,200 23,400 21,400	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 140.0 150.0 170.0 180.0	29,000* 27,000* 25,100* 22,800*	90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	43,300* 41,500* 38,200* 35,200* 32,600* 30,300* 28,100* 26,100* 24,300* 21,900*	120.0	33,800* 31,400* 29,200* 27,200* 25,200* 23,300*	130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0	32,500° 30,100° 28,100° 26,300° 24,500° 22,300°	150.0 160.0 170.0 180.0 190.0 200.0	29,000* 27,200* 25,300* 23,600*	170.0 180.0 190.0 200.0	27,00 25,00 23,10 21,60

Luffing Jib Lift Capacity

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

					1901	t Jib											200	ft Jib	0				
				Bo	oom An	gle (de	eg.)	-						,		1	Boom A	ngle (deg.)			7	
88			83	-	78		73	-	68		63		88	-	83	-	78		73	-	68	-	63
lius L	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)
5.0 44 0.0 42 5.0 40 0.0 39 5.0 37 0.0 36 0.0 33 0.0 30 0.0 28 0.0 24 0.0 23 0.0 21 0.0 20	5,300° 4,100° 2,600° 0,800° 7,600° 6,6100° 6,600° 6,600° 1,600° 0,100° 1,600°	90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	34,500° 31,900° 29,700° 27,600° 25,700° 24,000°	120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0	28,600* 26,600* 24,900* 23,200*	140.0 150.0 160.0 170.0 180.0 190.0 200.0	29,500° 27,500° 26,800° 24,100° 22,500° 21,200° 19,800°	160.0 170.0 180.0 190.0 200.0 210.0	26,600° 24,700° 23,300° 21,800° 20,500° 19,100°	180.0 190.0 200.0 210.0 220.0	23,900° 22,500° 21,100 19,800 18,200	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 170.0 180.0 190.0 200.0	40,400° 39,600° 38,400° 36,900° 35,300° 32,600° 20,000° 24,300° 22,800° 21,200° 19,900° 18,600° 17,400° 16,100°	95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0	35,300* 33,900* 31,200* 29,000* 25,200* 23,500* 22,000* 19,400* 18,100*	120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0 210.0	28,000* 26,000* 24,400* 22,800*	140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0	25,000* 23,400* 22,100* 20,700* 19,400* 18,300*	160.0 170.0 180.0 190.0 200.0 210.0 220.0	24,200° 22,700° 21,400° 20,100° 18,800° 17,800°	180.0 190.0 200.0 210.0 220.0	21,800 20,700 19,600 18,200 17,200

					70 ft													ft Jib					
_	88		83	В	oom Ang 78	gle (de	eg.) 73		68		63		88		83	~	Boom A 78	ngle (deg.) 73		68		63
oad edius (ft)	Pated	Load Radius (ft)	Pated	Load Radius (ft)	Pated	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rateo Load (lbs)
4.0 6.0 8.0 0.0 4.0 4.0 6.0 6.0 5.0 5.0 75.0	165,600° 161,300° 167,000° 152,700° 148,300° 143,900° 135,300° 131,000° 120,100° 109,500° 87,600° 74,600°	46.0 48.0 60.0 55.0 65.0 70.0 75.0 85.0	144,400 ⁴ 139,700 ⁸ 135,000 [*] 125,300 117,100 106,000 96,600 88,500 80,400 70,000	60.0 65.0 70.0 75.0 80.0 85.0 90.0	115,100 103,700 94,400 86,500 79,600 73,700 68,600	75.0 80.0 85.0 90.0 95.0	84,600 77,800 72,000 67,200 62,800	90,0 95,0 100,0	65,600 61,400 57,500	95.0 100.0 110.0	59,900 56,200 49,800	42.0 44.0 46.0 48.0 55.0	150,000* 146,400* 142,800* 139,200* 135,500* 131,800* 122,600* 113,500* 104,100* 95,100* 74,100* 63,200*	55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0	124,800 116,600 105,800 96,600 88,500 81,500 75,500 69,800	70.0 75.0 80.0 85.0 90.0 95.0	94,200 86,300 79,400 73,500 68,400 64,000	80.0 85.0 90.0 95.0 100.0	77,700 71,900 67,000 62,700 58,800	95.0 100.0 110.0	60,900 57,100 50,700	100.0 105.0	56,000 49,600
Ree	ves 6 80'			Ree	ves 6		res 6	Reev	res 6	Reev	/es 6	Reev	res 6	Reev	ves 6	Reev		Reev		Reev	es 6	Reev	es (
Ree	80'		om	Ŋ	90 ft oom Ang	Jib	eg.)	Reev		Reev							100 Boom A) ft Jib ngle (deg.)				
	80'	Вос	83	В	90 ft oom Ang 78	Jib gle (de	eg.) 73		68		63		88		83		100 Boom A 78) ft Jib ngle (deg.) 73		68		63
oad adius (ft)	80' 88 Rated		83 Rated	Ŋ	90 ft oom Ang 78 Rated	Jib	eg.)	Load Radius (ft)		Load Radius		Load Padius (ft)					100 Boom A) ft Jib ngle (deg.)				

34,400

160.0

160.0

33,500

30,800

Reeves 4 Reeves 4 Reeves 4

140.0

150.0

160.0

170.0

35,600

32,600

29,900

27,600

150.0 33,700 150.0

35,500

Reeves 4 Reeves 4 Reeves 4 Reeves 4 Reeves 4 Reeves

160.0

160.0

34,400

31,700

150.0

160.0

170.0

33,300

30,700

28,300

150.0

160.0

170.0

32,400

29,800

27,400

160.0

150.0

Reeves 4 Reeves 4

35,500

Luffing Jib Lift Capacity

Counterweights: 200,650 lbs Carbody weights: 60,240 lbs 80' Boom 110ft Jb 120 ft Jib Boom Angle (deg.) Boom Angle (deg.) 63 88 83 68 88 83 68 63 Pated Load **Padius** Load **Padius** Load Radius Load Radius Load Radius Load **Radius** Load Radius Load Radius Load **Padius** Load Radius Load **Padius** Load (ft) (lbs) (lbs) (lbs) (ft) (ft) (lbs) (ft) (ft) (lbs) (lbs) (ft) (lbs) (ft) (ft) 119,000 46.0 105,100 48.0 117,600 104.100 50.0 116,300 50.0 103,200 55.0 112,300* 55.0 100,700 60.0 113,800 60.0 107,800 98,000 65.0 105,100 95,100* 65.0 103,400* 96,100 70.0 96,600* 70.0 70.0 91,800* 70.0 94.800 87,900 75.0 88,900* 75.0 75.0 87,500 75.0 87,700 80.0 81,200* 80.0 80,900 80.0 78,700 80.0 82,100° 80.0 80,700 80.0 78,700 74,800 72,800 85.0 85.0 72,800 85.0 74,600* 85.0 85.0 85.0 75,500 74,600 90.0 69,200* 90.0 69,900 90.0 67.900 90.0 69,900" 90.0 69,700 90.0 67,700 95.0 65300 95.0 63,500 95.0 62,000 95.0 64,900 95.0 65,100 95.0 63,300 95.0 64,200° 100.0 59,200° 100.0 61,200 100.0 59,400 100.0 58,100 100.0 60,400° 100.0 61,000 100.0 59,400 100.0 57,700 110.0 47,800* 110.0 54,300 52,700 110.0 51,600 110,0 50,000 52,000* 54,100 110.0 52,700 110.0 51,200 120.0 120.0 47,000* 120.0 47,300 120.0 46,200 120,0 44,800 120.0 43,700 120.0 42,400* 120.0 48,600 120.0 47,300 120.0 46,000 111.5 48,900 130.0 130.0 40,400 130.0 1300 120.0 44,700 1246 41 400 130.0 42,800 41,700 1300 39 500 130.0 41,600 130.0 42,800 41,500 140.0 140.0 36,900 140.0 36,000 140.0 37,800 130.0 40,400 130.0 39,200 150.0 140.0 36,700 140.0 35,700 35,400 150.0 32,900 36,300 150.0 33,700 150.0 32,600 33,500 150.9 157.4 30,600 Reeves 4 Ree 80' Boom 130 ft Jb 140 ft Jib Boom Angle (deg.) Boom Angle (deg.) 78 68 63 88 83 68 63 Rate Rated Rateo Padius Load Padius Padius Load Load Load Load **Fadius** Load **Padius** Load Load Fadlus Load Load Load Load (ft) 65.0 86.500 55,0 74,100 60.0 60.0 84.900* 73.000* 82,900 65.0 71,900 65.0 70.0 81,000* 70.0 84,600* 70,900 75.0 78,700° 75.0 82,800 75.0 69,600* 76.0 71,500° 70.500 80.0 76,000 80.0 79,800 80.0 68,100 80.0 85.0 73,100 85.0 74,600 85.0 66,600* 85.0 69,700 90,0 69,900* 90.0 69,500 90.0 67,700 90.0 64,300* 90.0 67.700 63,200 95,0 65,700 95.0 65,000 95.0 63,200 95.0 62,100* 95.0 64,500 95.0 61,000 100.0 61,100 100.0 100.0 59,200 100.0 59.800 100.0 60,800 100.0 59,200 53,500* 110.0 64,100 110.0 52,500 110.0 51,200 110,0 53,700° 110.0 54,100 110.0 52,500 110.0 50,900 110.0 120.0 46,200* 120.0 48,400 120.0 47,100 120.0 45,800 120.0 44,500 47,700* 120.0 48,400 120.0 47,100 120.0 45,800 130.0 38,000* 130.0 43,900 130.0 42,600 130.0 41,500 130.0 40,200 130.0 41,200* 130.0 43,700 130.0 42,600 130.0 41,300 130.0 40,100 140.0 140.0 140.0 38,800 140.0 37,800 140.0 36,700 130.0 38,500 140.0 34,000* 140.0 39.800 140.0 38,700 37,600 36,500 140.0 35,400

					1501	t Jib											160	ft Jib					
				B	oom An	gle (d	eg.)									_ 1	Boom A	ngle (deg.)				
	88 Pated	land	83 Rated	(and	78	land	73 Rated	land	68	land	63		88	-	83	-	78	land	73 Rated	-	68 Rated	-	63 Pateo
oad adius (ft)	Load (lbs)	Load Radius (ft)	Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Load (lbs)	Load Radius (ft)	Load (lbs)	Load Radius (ft)	Load (lbs)
55.0 60.0 65.0 70.0 75.0 86.0 90.0 90.0 90.0 10.0 20.0 30.0 40.0 50.0	64,200° 63,000° 62,000° 61,000° 69,100° 59,300° 68,400° 53,800° 49,900° 42,400° 36,500° 30,500°	76.0 80.0 85.0 90.0 95.0 110.0 120.0 140.0 150.0	59,700* 58,900* 58,000* 56,600* 62,800* 48,200 43,600 39,600	95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	59,400° 58,000 62,100 46,700 42,200 38,400 35,100 32,300 29,700	120.0 130.0 140.0 150.0 170.0	45,400 41,000 37,100 34,000 31,300 29,000	140.0 1 50.0 160.0 1 70.0 180.0	36,100 33,100 30,400 28,100 25,900	150.0 160.0 170.0 180.0	32,000 29,300 27,200 25,200 23,400	60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 140.0 160.0	53,600* 52,700* 51,800* 50,800* 50,000* 48,400* 48,700* 47,400* 42,300* 39,300* 34,300* 31,300* 27,700*	80.0 85.0 90.0 95.0 100.0 120.0 130.0 140.0 150.0 170.0	51,300° 50,500° 49,600° 48,900° 44,800° 41,500° 38,600° 36,200° 32,000° 27,600°	100.0 110.0 120.0 130.0 140.0 160.0 170.0	49,300* 47,300* 43,800* 40,700* 37,900 35,100 32,300 29,900	120.0 130.0 140.0 150.0 160.0 170.0 180.0	45,400 40,800 37,100 34,000 31,200 28,800 26,700	140.0 150.0 160.0 170.0 180.0	35,000 33,000 30,200 27,900 25,800 24,000	160.0 170.0 180.0 190.0	29,30 27,00 25,00 23,40
Reev	/es 4 80'			Reev	170 f	t Jib		Reev	/es 4	Reev	/es 4	Reev	es 2	Reev	/es 2			oft J ib		Reev	es 2	Reev	es 2
	80'	Вос	83	В	1701 oom Ang 78	ft Jib gle (di	eg.) 73		68		63		88		83		180 Boom A 78	oft Jib	deg.) 73		68		63
pad adius (ft)	80'		m	I	170 f oom Ang	t Jib	eg.)	Load Radius (ft)		Load Radius (ft)							180 Boom A	oft J ib	deg.)				

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

					1901	t Jib											200	oft Jib					
				Bo	oom An	gle (de	eg.)										Boom A	ngle (deg.)				
	88	-	83	-	78		73		68	-	63	-	88	-	83	-	78	-	73		68	-	63
oad dius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
70.0 75.0 80.0 85.0 90.0 95.0 90.0 10.0 20.0 40.0 60.0 70.0 80.0	45,000" 43,800" 42,300" 40,600" 39,100" 37,500" 35,900" 33,200" 28,600" 24,800" 24,800" 21,700" 20,300" 18,300"	95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	37,400 * 34,500*	120.0 130.0 140.0 150.0 160.0	30,700* 28,600* 26,600* 24,900*	140.0 150.0 160.0 170.0 180.0 190.0 200.0	29,500* 27,500* 25,800* 24,100* 22,500* 21,200* 19,800*	160.0 170.0 180.0 190.0 200.0 210.0	26,400° 24,700° 23,300° 21,800° 20,500° 19,100°	180,0 190,0 200,0 210,0 220,0	23,900 22,300 20,700 19,100 18,000	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 170.0 180.0 190.0 200.0	40,400° 39,500° 38,100° 36,600° 35,300° 32,400° 30,100° 26,000° 21,200° 19,900° 18,600° 17,400° 16,300°	95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 190.0 200.0		120.0 130.0 140.0 150.0 160.0 170.0 180.0 200.0 210.0	27,800* 26,000* 24,100* 22,700* 21,200* 20,100* 18,700* 17,700*	140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0	26,700° 25,000° 23,400° 21,900° 20,600° 19,400° 18,300° 17,100° 16,000°	160.0 170.0 180.0 190.0 200.0 210.0 220.0	24,100° 22,500° 21,200° 20,000° 18,800° 16,800°	180.0 190.0 200.0 210.0 230.0	21,80 20,50 19,40 18,20 16,20

					70 ft													ft Jib	7 7				
_	88		83	В	oom Ang 78	gle (de	eg.) 73		68	T	63		88		83		Boom A 78	_	deg.) 73	ì	68		63
load adius (ft)	Pated	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (it)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rateo Load (lbs)
34.0 36.0 38.0 40.0 44.0 46.0 46.0 55.0 60.0 75.0	159,400° 155,500° 161,600° 147,700° 143,800° 139,800° 136,800° 128,000° 118,300° 98,600° 88,900° 76,400°	46.0 48.0 50.0 55.0 60.0 65.0 75.0 80.0 85.0	144,000 139,300 134,600 124,900 116,700 105,600 96,300 88,200 80,900 74,200	60.0 65.0 70.0 75.0 80.0 90.0	114,200 103,000 93,800 85,900 79,200 73,300 68,200	75.0 80.0 85.0 90.0 95.0	83,600 77,000 71,300 66,500 62,100	90.0 95.0 100.0	64,800 60,500 56,700	100.0 110.0	55,100 48,900	42.0 44.0 46.0 48.0 50.0 55.0 60.0	147.200* 143,700* 140,200* 136,700* 133,300* 129,900* 121,300* 112,700* 95,400* 85,900* 64,800*	55.0. 60.0 65.0 70.0 75.0 80.0 85.0 90.0	124,600 116,300 105,600 96,300 88,200 81,100 75,100 69,900	70.0 75.0 80.0 85.0 90.0 95.0	93,500 85,600 78,700 72,800 67,900 63,500 59,500	80.0 85.0 90.0 95.0 100.0	76,800 71,100 66,300 62,000 58,100 51,600	95.0 100.0 110.0	60,000 56,200 50,000	110.0	48,70 43,70
Ree	ves 6																						
	90'			Ree	90 ft		/es 6	Reev	ves 6	Reev	es 6	Reev	es 6	Reev	res 6	Reev		Reev		Reev	es 6	Reev	es
	90'		om		90 ft oom Ang	Jib gle (de	eg.)	Reev									100 Boom A) ft Jib ngle (deg.)				
oad	THE OWNER OF THE OWNER, WHEN		83		90 ft oom Ang 78 Raled	Jib gle (de		Reev	res 6		63 Rated		es 6		83 Rated		100 Boom Al 78 Rated) ft Jib ngle (deg.) 73 Rated		es 6 68 Rated		63 Rates
Load adjus (ft)	90' 88 Rated	Вос	om	В	90 ft oom Ang 78	Jib gle (di	eg.) 73		68		63	Load Radius (ft)	88		83		100 Boom Ai 78	ft Jib	deg.) 73		68		63

					1101	ft Jib											120	oft Jib	K_				
				-	oom An	gle (de			72				-		25	1	Boom A	-		1		1	
Load adius	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	78 Rated Load (lbs)	Load Radius (ft)	73 Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Loed (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	78 Rated Load (lbs)	Load Radius (ft)	73 Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Padius (ft)	Fated Load (lbs)
55.0 60.0	117,700* 116,400* 112,500* 108,000* 103,700* 96,900* 89,300*	60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0	113,400 104,600 96,600 87,600 80,700 74,600 65,000 61,000 54,100 47,800	80.0 85.0 90.0 95.0 100.0 110.0 120.0	78,100 72,200 67,200 62,900 69,000 52,300 46,900 42,400	100.0 110.0 120.0 130.0	57,300 50,900 46,600 41,200	120.0 130.0 140.0	44,000 39,700 36,200	130.0 140.0 150.0	38,800 35,200 32,200	48.0 50.0	105,100* 104,200* 103,300* 100,900* 98,200* 95,300* 92,200* 87,900* 82,500* 70,100* 65,100* 60,600* 52,600* 43,100*	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0	87,400 80,400 74,400 69,300 64,800 60,700 53,800 48,400	90.0 95.0 100.0 110.0 120.0	67,200 62,800 58,800 52,300 46,900 42,400	100.0 110.0 120.0 130.0 140.0	67,000 50,700 45,400 41,000 37,300 34,200	120.0 130.0 140.0 150.0	43,900 39,700 36,100 33,100	140.0 150.0 160.0	34,900 31,900 29,300
Ree	ves 4 90'				1301	ft Jib		Reev	ves 4	Reev	ves 4	Reev	es 4	Reev	ves 4	Reev	140	oft J ib		Reev	/es 4	Reev	ves 4
	00		20	_	oom An	gle (de			00		00		00		00	_	Boom A	-			20		00
Load	88 Rated	Load	83 Rated	Load	78 Rated	Load	73 Pated	Load	68 Pated	Load	63 Rated	Load	88 Rated	Load	83 Pated	Load	78 Rated	Load	73 Rated	Load	68 Pated	Load	63 Rated
adius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Radius (ft)	Load (lbs)
80.0 85.0 90.0 95.0 00.0 10.0 20.0	84,700° 82,800° 80,900° 78,600° 76,000° 73,300° 70,100° 66,000° 61,500° 53,700°	76.0 80.0 85.0 90.0 100.0 110.0 130.0 140.0	69,300 64,800 60,700 53,800 48,200 43,700	90.0 95.0 100.0 110.0 120.0 130.0 140.0	67,200 62,800 58,800 52,300 46,700 42,300 38,500 35,300	110.0 120.0 130.0 140.0 150.0	50,500 45,400 40,800 37,100 34,000	130.0 140.0 160.0	39,500 36,000 32,900 30,200	140.0 150.0 160.0 170.0	34,800 31,800 29,300 27,000	75.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0 130.0	74,100* 72,700* 71,300* 70,000* 68,600* 67,300* 65,900* 64,000* 61,700* 59,500* 64,000* 47,700* 41,700* 34,500*	75.0 80.0 86.0 90.0 95.0 100.0 120.0 130.0 140.0	69,900° 68,100 64,700 60,500 53,800 48,200 43,500 39,700	96.0 100.0 110.0 120.0 130.0 140.0	62,700 58,800 62,000 46,700 42,200 38,400 35,100	120.0 130.0 140.0 150.0 160.0 170.0	45,100 40,800 37,100 34,000 31,200 28,800	140.0 1 50.0 160.0 1 70.0	35,800 32,800 30,100 27,800	150.0 160.0 170.0 180.0	31,70 29,10 26,80 24,80

			- 45		1501	-												ft Jib					
			-	В	oom An	gle (d	-				95		-				Boom A	ngle (1		_	
oad adius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	78 Rated Load (lbs)	Load Radius (ft)	73 Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	78 Rated Load (lbs)	Load Radius (ft)	73 Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Fadius (ft)	Pated Load (lbs)
60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 20.0 30.0 40.0	63,000* 62,000* 61,000* 60,100* 59,300* 68,400* 57,400* 65,800* 53,800* 49,900* 40,500* 42,400* 37,100* 30,900*	80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 150.0	60,800* 60,000 59,100 68,300 57,100 63,000 47,900 43,300 39,300 31,300*	100.0 110.0 120.0 130.0 140.0 160.0 170.0	51,600 46,200 41,700 38,000 34,800 32,000	120.0 130.0 140.0 150.0 160.0	44,700 40,400 36,700 33,600 30,900 28,600	140.0 150.0 170.0 180.0	35,400 32,400 29,800 27,400 25,500	160.0 170.0 180.0 190.0	28,700 26,500 24,600 22,700	60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 140.0 150.0	53,800° 62,800° 51,800° 50,800° 50,000° 49,400° 48,700° 42,400° 39,300° 36,800° 34,300° 28,300°	80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 150.0 170.0	51,500° 50,700° 49,900° 49,100° 48,200° 45,100° 41,900° 39,100° 36,500° 34,300° 32,400° 28,700°	100.0 110.0 120.0 130.0 140.0 160.0 170.0	47,900* 44,500*	120.0 130.0 140.0 150.0 160.0 170.0	40,400 36,700 33,500	140.0 150.0 160.0 170.0 180.0 190.0	35,400 32,400 29,800 27,400 25,400 23,600	160.0 170.0 180.0 190.0 200.0	28,7/ 26,30 24,4/ 22,70 21,10
Reav	90'	Reev		Ree	1701			Reev	/es 4	Reev	ves 4	Reev	es 4	Reev	/es 4	Reev	180	Reev Oft Jib		Reev	es 4	Reev	/es
	90'	Воо	83	В	170 i oom An	ft Jib gle (d	eg.) 73		68		63		88		83		180 Boom A 78) ft Jib ngle (deg.) 73		68		63
Deel Load adjus (ft)	90'		m	II.	170 i oom An 78 Rated	ft Jib	eg.)	Loed Radius (ft)								()	180 Boom A	oft Jib ngle (deg.)			Load Radius (ft)	

Luffing Jib Lift Capacity

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

					1901	t Jib												ft Jib					
				Bo	oom An	gle (de	eg.)										Boom A	ngle (deg.)	,			
	88		83		78		73		68	-	63	_	88	-	83	-	78	_	73	-	68	1	63
Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
70.0 75.0 80.0 85.0 95.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	44,500° 43,500° 42,100° 40,600° 38,900° 37,400° 35,800° 33,200° 24,800° 24,800° 21,700° 20,300° 18,500°	95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 190.0 200.0	37,200° 34,300° 31,900° 29,600° 27,600° 25,700° 24,000° 21,200° 19,800°	120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0	26,600* 24,900* 23,200*	140.0 150.0 160.0 170.0 180.0 200.0 210.0	29,500* 27,500* 25,500* 24,100* 22,500* 21,200* 19,800*	160.0 170.0 180.0 190.0 200.0 210.0 220.0	26,400° 24,700° 23,200° 21,800° 20,600° 19,100° 17,100°	180.0 190.0 200.0 210.0 220.0	23,300 21,600 20,000 18,700 17,600	75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 170.0 180.0 190.0 200.0	39,200* 38,000* 36,600* 36,100* 33,700* 32,400* 30,000* 27,800* 24,300* 22,600* 21,200* 19,900* 18,600* 17,600*	95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0	33,700° 31,200° 28,900° 26,900° 24,900° 23,400° 21,900° 20,500°	120.0 130.0 140.0 150.0 160.0 170.0 180.0 200.0 210.0	29,900° 27,800° 26,800° 24,100° 21,200° 19,900° 18,700° 16,700°	140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0	26,700* 25,000* 23,300* 21,900* 20,500* 19,400* 18,800* 17,100*	170.0 180.0 190.0 200.0 210.0 230.0	22,500* 21,200* 19,800* 18,800* 17,800*	190.0 200.0 210.0 220.0 230.0 240.0	20,500 19,300 18,200 17,100 14,700

				_		Jib	76.V											ft Jib	100				
88		0	33	Bo	oom Ang 78	gie (de	9g.) 73		68		63		88		83	-	300m A 78	ngle (deg.) 73		68		63
oad Rated adius Load (ft) (lbs)	l Radiu	ad lius	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pater Load (lbs)
44.0 152,80 150,60 150,60 148,30 145,60 141,90 140,10 141,90 1	00* 00* 00* 00* 00* 00* 00* 00* 00* 000* 60.0 60.0	0.0 5.0 0.0 5.0 5.0	124,700 116,500 105,400 96,100 88,000 81,100 75,100	70.0 75.0 80.0 85.0 90.0	93,100 85,300 78,600 72,600 67,700	80.0 85.0 90.0 95.0 100.0	76,300 70,600 65,900 61,600 67,700	95.0 100.0 110.0	59,500 56,800 49,400			40.0 42.0 44.0 46.0 48.0 55.0 60.0 75.0 85.0 85.0	144,900* 141,600* 138,300* 136,000* 131,800* 128,600* 120,400* 112,200* 104,100* 96,900* 86,800* 76,800*	55.0 60.0 65.0 70.0 80.0 90.0 95.0	124,200 115,900 105,100 95,800 87,800 80,900 74,800 69,700 63,500	70.0 75.0 80.0 85.0 90.0 95.0	92,700 84,800 78,100 72,400 67,500 63,000 59,000	90.0 95.0 100.0 110.0	65,400 61,100 67,300 50,900	100.0	66,300 49,100	120.0 130.0	42,81
																				1 1		1300	30,00
	6 Re	200	es 6	Reel	90 ft			Reev	ves 6	Reev	ves 6	Reev	ves 6	Reev	ves 6	Reev	100	Reev Oft Jib		Reev	ves 6	Reev	38,60
10	-	00	m		90 ft	Jib	eg.)							Reev			100 Boom A	oft Jib	deg.)				/es
88 pad Pated	O' Bo	00 8	B3 Rated	Ex.	90 ft nom Ang 78 Rated	Jib gle (de	eg.) 73 Pated	Load	68 Pated	Load	63 Pated	Load	88 Pated	Load	83 Rated	Load	100 Boom Al 78 Pated	oft Jib ngle ((deg.) 73 Rated	Load	68 Pated	Reev	63 Retec
100	O' Bo	8 ad lius	om 83	B	90 ft oom Ang 78	Jib gle (de	eg.) 73		68		63		88		83		100 Boom A 78	oft Jib ngle (deg.) 73		68	Reev	/es

-	100'	Boo	om	7													-						
_				Br	110 toom An		aa)									- 5	120 Boom A	oft Jib					
	88		83		78	10 (00	73		68		63		88		83	1	78	1	73		68	7 4 1	63
oad adius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)
21. 2	117,800° 116,700° 112,900° 108,300° 104,100° 97,200° 89,600° 82,000° 75,300° 69,700° 64,700° 59,900°	70.0 75.0 80.0 90.0 95.0 110.0 120.0	96,200 87,300 80,300 74,400 69,300 64,800 60,700 53,800 48,100	80.0 85.0 90.0 95.0 110.0 120.0 130.0	77,400 71,500 66,700 62,400 51,800 46,500 41,900	100.0 110.0 120.0 130.0 140.0	66,600 50,200 46,000 40,600 37,000	120.0 130.0 140.0 150.0	43,200 39,000 36,400 32,400	140.0 150.0	34,300 31,300	48.0	104,400° 103,800° 103,100° 100,900° 98,200° 95,300° 92,200° 88,000° 82,700° 76,200° 70,600° 65,500° 60,800° 53,100° 43,700°	70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0	94,900 87,000 80,000 74,200 69,100 64,600 60,500 53,600 48,200 43,500	90.0 95.0 100.0 110.0 120.0 130.0 140.0	66,600 62,200 58,400 51,800 41,900 38,200	110.0 120.0 130.0 140.0 150.0	49,800 44,700 40,400 36,700 33,700	120.0 130.0 140.0 150.0	43,000 38,800 36,400 32,400	140.0 150.0 160.0 170.0	34,000 31,101 28,70 26,30
Ree	ves 4 100'		ves 4	Reev	130 toom Ang			Reev	res 4	Reev	/es 4	Reev	es 4	Reev	es 4	Reev		Reev Oft Jib		Reev	es 4	Reev	es
	88		83		78		73		68		63		88		83	1 7 7	78	1	73		68	1	63
bad dius ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Load (lbs)
55.0 60.0	86,400° 84,900° 82,900° 81,000°											60.0 66.0 70.0	74,100* 72,400* 70,900* 69,200*										

Reeves 4 Ree

					150 f	T JID											160	ft Jib					
				B	oom An	gle (de											Boom A	1					
oad edius	Rated Load	Load Radius	Rated Load	Load Radius	78 Rated Load	Load Padius	73 Rated Load	Load Radius	Rated Load	Load Padius	Rated Load	Load Radius	Rated Load	Load Radius	83 Pated Load	Load Padius	78 Pated Load	Load Padius	73 Rated Load	Load Radius	Rated Load	Load Radius	63 Rated Load
60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 00.0 10.0 20.0 30.0 40.0	63,200° 62,000° 61,000° 69,300° 58,600° 67,500° 55,800° 63,800° 49,900° 42,600° 37,600° 31,400°	80.0 85.0 95.0 100.0 110.0 120.0 140.0 150.0	60,000* 59,300 * 58,500* 67,300 * 53,000	100.0 110.0 120.0 130.0 140.0 150.0 170.0	67,700 51,200 46,800 41,500 37,600 34,400 31,700 29,200	120.0 130.0 140.0 150.0 170.0	44,100 39,700 36,200 33,100 30,400 28,100	140.0 150.0 160.0 170.0 180.0	34,700 31,700 29,100 26,800 24,800 23,100	160.0 170.0 180.0 190.0	27,900 25,700 23,700 22,000	60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0 140.0 150.0	53,800° 52,800° 61,800° 50,000° 49,400° 48,700° 47,500° 42,400° 39,500° 36,800° 31,300° 28,400°	80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 170.0	10 Supplied	110.0 120.0 130.0 140.0 150.0 170.0 180.0	48,400* 45,200 41,500 37,600 34,400 31,700 29,200 27,200	130.0 140.0 150.0 170.0 180.0	39,700 36,200 33,100 30,400 28,100 26,900 24,000	150.0 160.0 170.0 180.0	31,700 29,100 26,800 24,800 23,100	170.0 180.0 190.0 200.0	25,60 23,70 22,00 20,60
																1 1						1 1	
Reev	/es 4 100'	-		Reev	ves 4			Reev	ves 4	Reev	ves 4	Reev	ves 2	Reev	ves 2	Reev		Reev		Reev	ves 2	Reev	es 2
	100'	Вос	om 83	B	170 f oom Ang 78	t Jib gle (de	eg.) 73		68		63		88		83		180 Boom A 78) ft Jib ngle (deg.) 73		68		63
Ree\ oad dadius (ft) 60.0	100'	3 2 -	om		170 t	t Jib	eg.)	Load Radius (ft)									180 Boom A	oft Jib	deg.)				

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

oad dius	38			_													200	ft Jib					
oad dius	38			Bo	oom An	gle (de	eg.)										Boom A	ngle (deg.)				
dius			83	-	78		73		68		63		88		83		78		73		68		63
ft)	Pated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)
75.0 4 80	43,800* 41,900* 41,900* 40,400* 38,700* 37,100* 36,700* 33,000* 28,400* 24,800* 23,100* 21,600* 20,300* 18,500*	95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0	37,200* 34,300* 31,700* 29,500* 27,600* 25,700* 24,000* 22,500*	130.0 140.0 150.0 160.0 170.0	28,400° 26,600° 24,700° 23,200° 21,800° 20,500°	140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0	29,300* 27,300* 25,500* 23,900* 22,500* 19,800* 18,000*	170.0 180.0 190.0 200.0 210.0 220.0	24,500* 23,200* 21,800* 20,500 18,900 17,100*	190.0 200.0 210.0 220.0 230.0	20,900 19,400 18,000 16,800 15,800	75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 170.0 180.0 190.0 200.0	38,700* 37,800* 36,400* 34,900* 33,500* 32,200* 29,900* 25,800* 24,100* 22,600* 21,200* 19,900* 18,600* 16,400*	95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0	34,900° 33,600° 31,000° 28,700° 26,700° 24,900° 23,300° 20,500° 19,300° 18,100° 17,000°	120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0	G WOLE	150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0	24,800* 23,200* 21,900* 20,600* 19,400* 16,000*	170.0 180.0 190.0 200.0 210.0 230.0	22,500* 21,000* 19,800* 18,700* 16,700* 15,300*	200.0 210.0 220.0 230.0 240.0	19,10 17,80 16,60 15,30 14,30

					70 ft	Jib											80	ft Jib					
				B	oom Ang	gle (de	eg.)										Boom A	ngle (deg.)			,	
-	88		83		78		73	-	68	75-77	63		88		83		78		73	1	68		63
dius (ft)	Fated Load (lbs) 147,900*	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
10.0 12.0 14.0 16.0 18.0 55.0 70.0 75.0	146,400* 144,900* 142,800* 139,400* 136,000* 132,500* 129,100* 126,700* 117,000* 108,300* 99,800* 79,400*	55.0 60.0 65.0 70.0 75.0 80.0 85,0	124,200 116,000 104,900 95,800 87,700 80,700 74,600	70.0 75.0 80.0 85.0 90.0 95.0	92,400 84,600 77,900 72,200 67,200 62,800	80.0 85.0 90.0 95.0 100.0	69,900 65,200 60,900 67,000	95.0 100.0 110.0	64,900 48,700	120.0 124.6	42,300 40,300	40.0 42.0 44.0 46.0 60.0 65.0 65.0 70.0 85.0 85.0	141,200* 138,200* 135,100* 132,100* 129,100* 126,100* 118,600* 111,200* 103,600* 87,500* 77,900*	55,0 60.0 65.0 70.0 75,0 80.0 85,0 90.0 95.0	123,700 115,400 104,700 95,400 87,400 80,500 74,600 69,500 64,900	75.0 80.0 85.0 90.0 95.0 100.0	77,400 71,700 66,800 62,500 68,600	90.0 95.0 100.0 110.0	60,500 66,700 50,300	100.0 110.0 120.0	64,400 48,200 43,200	120.0 130.0	41,9 (
Reev	110'				90 ft	Jib		Reev	es 6	Reev	res 6	Reev	res 6	Reev	ves 6			oft Jib		Reev	es 6	Reev	/es
	88		83		78	gre (a	73		68		63		88		83		Boom A 78	ingle (73		68		63
oad	Pated	Load	Rated	Load	Rated	Load	Rated	Load	Rated	Load	Rated	Load	Pated	Load	Rated	Load	Rated	Load	Rated	Load	Pated	Load	Pater
dius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Padius (ft)	Load (lbs)
2.0 4.0 6.0 8.0 0.0 65.0	139,100° 136,200° 133,400° 130,600° 127,800° 124,900° 117,900° 110,800° 96,700° 89,000° 81,100° 74,400° 65,000° 57,300°	22.7	87,400 80,400 74,400 69,400 64,900	75.0 80.0 85.0 90.0 95.0 100.0	83,900 77,200 71,300 66,500 62,100 58,200 61,600	95.0 100.0 110.0	60,400 56,600 50,200	110.0 120.0	47,800 42,900			48.0 50.0 65.0 60.0	89,900* 82,300* 76,500* 69,800* 63,700*	60.0 65.0 70.0 76.0 85.0 90.0 95.0 100.0	95,200 87,100 80,300 74,400 69,300 64,800 60,700	80.0 85.0 90.0 95.0 100.0 110.0	71,300 66,500 62,100 58,200 61,600	100.0 110.0 120.0	60,000	120.0	43.900		
35.0				-17		120,0	50,200 45,000	120.0	38,800	130.0	37,700					120.0	10,200	1200	40,400	130.0			

Luffing Jib Lift Capacity

Counterweights: 200,650 lbs Carbody weights: 60,240 lbs 110' Boom 110ft Jib 120ft Jb Boom Angle (deg.) Boom Angle (deg.) 88 83 68 63 88 83 68 63 Rated Load (lbs) Load Padius Rateo Rated Rafed Rated Rated Rated Rated Padius Padius Load Radius Padius Load Padius Padius Radius **Padius** Fadius Load Load Load Load (lbs) **Padius** Load **Fadius** Load Load Load Load 46.0 115,000 46.0 101,100 48.0 114,100 48.0 100,900 50.0 113,300 50.0 100.600 110,000 55.0 99,700 55.0 105,600 60.0 98,200 60.0 65.0 101,000* 65.0 95,300* 70.0 96,200" 94,800 70.0 92,200* 70.0 94,700 70.0 75.0 89,800* 75.0 86,900 75.0 87,900 75.0 86,700 80.0 82,500* 80.0 80,000 80,0 82,600 80.0 79,800 85.0 75,800° 85.0 73,900 85.0 76,600 85.0 73,700 90.0 70,000° 90.0 69,000 90.0 66,100 90.0 70,900 90,0 68,600 90.0 66,100 64,900* 95.0 64,500 95.0 61,800 95.0 65,700* 95.0 64,100 95.0 61,800 95.0 100.0 60,200* 100.0 60,300 100.0 57,900 100.0 55,900 100.0 61,100* 100.0 60,100 100.0 67,900 110.0 49,800* 110.0 53,600 110.0 51,400 110.0 49,600 110.0 53,500* 110.0 53,400 110.0 51,400 110,0 49,300 1200 48,000 44,500 42 300 1200 44,200 120.0 47,800 120 0 46,000 120.0 120.0 46,000 1200 120.0 44,100 41,500 130.0 130.0 40,100 130.0 38,300 130.0 43,300 130.0 41,500 130.0 39,900 130.0 38,100 140.0 36,500 140.0 34,800 140.0 33,700 140.0 37,800 140.0 36,200 140.0 34,800 140.0 33,200 150.0 31,800 150.0 30,700 150.0 33,100 150.0 31,800 150.0 30,400 160.0 28,200 27,900 160.0 29,100 160.0 170.0 25,900 Reeves 4 Ree 110' Boom 130 ft Jib 140ft Jb Boom Angle (deg. Boom Angle (deg.) 88 83 68 63 88 83 68 63 Pateo Rated Rated Rated Pated Rated Pated Rated Rated Load Load Load Padius Padius Load Radius Load **Padius** Load (ft) (lbs) 55.0 86,400 65.0 74,100 84,900 60.0 72,400 60.0 65,0 82,900 65.0 70,900 70.0 81,000* 70.0 69,200* 75.0 71,900 75.0 78,800 75.0 83.200 75.0 67,600* 80.0 76.200* 80.0 79,600 80.0 65.900* 80.0 70,900 73,300 85.0 73,700 85,0 64,200 70,100 85.0 85.0 90.0 70,500" 90.0 68,600 90.0 62,700* 90.0 67,700 66,400* 95.0 64,100 95.0 61,700 95.0 61,100* 95.0 64,100 95.0 61,900* 100.0 100.0 57,800 59,400* 60,100 57,700 100.0 50,100 100.0 100.0 100.0 53,400 110.0 51,200 54,200* 110,0 53,200 110.0 51,200 110.0 54,200* 110.0 110.0 120.0 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 41,300 130.0 39,700 130.0 43,300 130.0 41,500 130.0 39,700 130.0 42.500° 130.0 43,000 130.0 130.0 39,700 140.0 39,300 140.0 37,800 140.0 140.0 35,600* 140.0 39,300 140.0 140.0 140.0 36,200 140.0 34,600 37,600 36,000 34,500 150.0 31,700 150.0 30,200 150.0 35,900 150.0 31,500 34,600 33,100 150.0 150.0 34,400 150.0 32,900 160.0 30,400 160.0 29,100 160.0 27,800 160.0 31,700 160.0 30,200 160.0 28,900 160.0 27,600 170.0 26,800 170.0 25,600 170.0 27,900 170.0 26,700 170.0 25,400 180.0 23,700 180.0 24,700 180.0 23,500 190.0 21,800

Reeves 4 Reeves

					1501	t Jib											160	ft Jib					
				B	oom Ang	gle (de	eg.)									18	Boom A	ngle (deg.)				
	88		83		78		73	-	68		63		88	-	83	-	78	-	73	-	68	_	63
oad adius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Fadius (ft)	Pated Load (lbs)
60.0 70.0 75.0 80.0 85.0 95.0 110.0 120.0 130.0 150.0	60,200* 59,300 * 58,600* 57,500 * 55,800* 63,800 * 49,900* 46,500* 42,600* 37,900*	80.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0	60,200* 59,300 * 58,600 * 57,600 * 52,900 47,300 42,800 38,900 35,700	100.0 110.0 120.0 130.0 140.0 150.0 170.0	57,300 50,700 45,400 41,000 37,300 34,200 31,300 29,000	120.0 130.0 140.0 150.0 160.0 170.0	43,400 39,200 35,600 32,600 29,900 27,600 25,600	150.0 160.0 170.0 180.0	31,100 28,500 26,300 24,400 22,700	160.0 170.0 180.0 190.0 200.0	27,200 25,000 23,200 21,600 20,000	60.0 65.0 75.0 80.0 85.0 95.0 110.0 120.0 130.0 150.0 160.0	63,800° 52,800° 61,900° 51,100° 60,200° 49,400° 47,500° 42,500° 39,600° 34,300° 31,500° 28,600°	90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	7	110.0 120.0 130.0 140.0 150.0 170.0 180.0	48,700° 45,400 41,000 37,300 34,200 31,300 29,000 26,700	130.0 140.0 150.0 160.0 170.0 180.0 190.0	39,200 35,700 32,600 29,900 27,600 25,600 23,800	150.0 160.0 170.0 180.0 190.0 200.0	31,100 28,600 26,300 24,300 22,500 21,000	170.0 180.0 190.0 200.0	25,000 23,10 21,40 20,00
Ree	ves 4 110'	-	1 1 1		1701	t Jib		Reev	ves 4	Reev	ves 4	Reev	es 2	Reev	/es 2		180	ft Jib		Reev	res 2	Reev	es 2
Ree	110'	-	om		170 t	t Jib	eg.)	Reev		Reev							180 Boom A) ft Jib ngle (deg.)				
Ree Load Padius (ft)	110'	-	83 Rated		1701	t Jib		Ree Load Radius (ft)	68 Rated Load (lbs)	Real Load Radius (ft)	63 Rated Load (lbs)		88 Rated Load (lbs)		Pated Load (lbs)		180) ft Jib ngle (68 Rated Load (lbs)		63 Rated Load (lbs)

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

Pate Load Ratius Load		dius Loa
Pate Load Rate Rate Load Rate Load Rate Load Rate Rate Load Rate	Pated Load Rated Load Load Radius Load Radius	ad Pate
Pedius Coad Redius Coad	Load Radius Load Radius	dius Loa
75.0 42,700*		
190.0 18,700* 190.0 19,800* 190.0 20,500* 190.0 21,200* 190.0 21,200* 190.0 21,400 190.0 200.0 18,900* 200.0 18,900* 200.0 18,900* 200.0 18,900* 200.0 18,900* 200.0 18,900* 200.0 18,900* 200.0 18,900* 200.0 18,900* 200.0 18,900* 200.0 19,900* 200.0 200.0 200.0 20,900* 200.0 20,900* 200.0 20,900* 200.0 20,900* 20,	24,800* 23,200* 21,900* 20,600* 19,400* 19,400* 18,200* 200,0 18,600* 210,0 17,100* 210,0 16,000* 220,0 16,700* 220,0 15,300* 230,0 15,300* 240,0 13,600* 240,0	0.0 17,1 0.0 16,0 0.0 14,9

		-			70 ft	Jib	-										80	ft Jib					
				В	oom An	gle (de	eg.)										Boom A	ngle (deg.)	,		,	
	88		83		78		73		68		63		88		83	Annual Contract of the Contrac	78		73		68	-	63
dius ft)	Pated Load (lbs) 147,000*	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pate Load (lbs
6.0 8.0 0.0 2.0 4.0 6.0 8.0 0.0 5.0 0.0 5.0 0.0	143,900* 140,900* 137,900* 134,800* 131,700+ 128,600* 125,600* 115,000* 107,400* 99,700* 80,700*	55.0 60.0 65.0 70.0 75.0 80.0 85.0	124,000 115,800 104,700 95,400 87,400 80,400 74,400	70.0 75.0 80.0 85.0 90.0 95.0	91,600 83,900 77,200 71,500 66,600 62,200	90.0 95.0 100.0 110.0	64,300 60,000 66,200 49,800	100.0 110.0	53,800 47,800	120.0 130.0	41,200 37,200	44.0 46.0 48.0 50.0 55.0	139,100* 136,200* 133,400* 130,600* 127,700* 117,700* 110,600* 103,400* 96,300* 88,200* 78,800* 68,100*	55.0 60.0 65.0 75.0 80.0 85.0 95.0	123,300 115,000 104,200 95,100 80,200 74,200 69,100 64,600	75.0 80.0 85.0 90.0 95.0	76,800 71,100 66,300 61,900	95.0 100.0 110.0	59,700 65,900 49,600	110.0 120.0 130.0	47,400 42,300 38,300	120.0 130.0	40,81
Ree	ves 6 120'				90 ft	Jib		Reev	ves 6		57,200 es 6	Reev	res 6	Reev	ves 6		100	oft Jib		Reev	ves 6	Reev	
Rec	120'		om		90 ft oom Ang	Jib gle (de	eg.)			Reev	es 6						100 Boom A	oft Jib	deg.)				/es
	120'	Boo	om 83	В	90 ft oom Ang 78	Jib gle (de	eg.) 73		68	Reev	63		88		83		100 Boom A 78	oft Jib	deg.) 73		68		63
oad dius (ft)	88 Rated Load (lbs)		83 Rated		90 ft oom Ang 78 Rated	Jib gle (de	eg.)			Reev	es 6						100 Boom A	oft Jib	deg.) 73 Rated				63 Pate Loar
Load addius (ft) 40.0 42.0 44.0 45.0 50.0	88 Rated Load	Load Radius (ft)	83 Fated Load (lbs) 114,200 104,100 95,000 86,900 80,000 74,200 69,100 64,600	B Load Radius	90 ft 90 m Ang 78 Fated Loed (lbs) 76,300 70,600 65,900 61,600 57,700	Jib gle (de Load Radius	eg.) 73 Pated Load	Load Radius	68 Rated Load	Reevi Load Padius	63 Fated Load	Load Radius (ft) 46.0 48.0 50.0 66.0	88 Fated Load (fbs) 119,000* 118,300* 117,600* 113,900* 108,200* 102,600* 96,800* 90,000* 82,700* 76,800* 70,100* 64,300*	Load Radius	94,800 86,900 80,000 73,900 69,000 64,600 60,300	Load Radius	76,300 76,300 70,600 65,900 61,600 57,700 61,200	oft Jib ngle (Loed Radius	73 Rated Load (lbs) 55,500 49,200 44,100	Load Padius	68 Fated Load (lbs) 41,900 37,900 34,300	Load Radius	ies I

Counterweights: 200,650 lbs Carbody weights: 60,240 lbs 120' Boom 110ft Jib 120 ft Jib Boom Angle (deg.) Boom Angle (deg.) 88 83 68 63 88 83 68 63 Rated Load Rated Load Load Padius Rated Load Load Padius Rated Load Rated Load Rated Load Rated Rated Load Rateo Load Padius Padius Padius Load Load Load Radius **Padius** Load Padius Padius Load Load 46.0 111,000 46.0 98,000 48.0 110,700 48.0 97.800 50.0 97,500 50.0 110,400 55.0 108,200 55.0 96,800* 60,0 104,500 60.0 96,100° 65.0 100,100 55.0 95,100* 70.0 95,900" 94,400 92,200* 70.0 70.0 75.0 89,800* 75.0 86,500 75.0 87,900* 86,300 75.0 80.0 82,500* 80.0 79,600 0,08 82,600* 80.0 79,400 85,0 76,000 85.0 73,700 85.0 76,600 85.0 73.500 65,500 90.0 70,400* 90.0 68,600 90.0 90.0 71,000* 90.0 68,400 65,200* 95.0 64,100 95.0 61,100 65,900* 95.0 63,900 95.0 61,100 95.0 100.0 60,500* 100.0 60,100 100.0 57,300 61,300* 100.0 59,900 100.0 67,300 110,0 50,400* 110.0 53,400 110.0 50,700 110,0 48,700 110.0 53,600* 110.0 53,100 110.0 50,700 120.0 47,800 120.0 120.0 43,700 120.0 44,700 120.0 47,600 120.0 45,600 120.0 43,400 45,600 130.0 41,100 130.0 39,500 130.0 37,400 130.0 43,000 130.0 41,100 130.0 39,200 130.0 37,300 140.0 35,900 140.0 34,000 140,0 32,600 140.0 37,300 140.0 35,700 140.0 33,900 150.0 31,100 150.0 29,700 150.0 32,600 150.0 31,100 150.0 29,500 160.0 27,400 27,100 160.0 28,500 160.0 170.0 25,000 Reeves 4 Ree 120' Boom 130 ft Jb 140 ft Jb Boom Angle (deg. Boom Angle (deg.) 88 83 68 63 88 83 68 63 Pateo Rated Rated Rated Rated Pateo Rated Rated Pated Rateo Load Load Load Load Load Padius Radiu Radiu (ft) Padius (ft) Load Padius Load Radiu (ft) **Padius** Padius Load Load (lbs) (lbs) (ft) 74,100 65.0 84.700 55.0 83,900 72,400 60.0 60.0 82,800 65.0 70,900 70.0 81,000* 70.0 69,200* 75.0 82,700 75.0 67,600* 75.0 78.800° 80.0 76.200* 80.0 79,300 80.0 65.900 80.0 71,200* 73,500 85.0 73,300 85.0 64,200 70,300 85,0 85.0 90.0 70,500* 90.0 68,300 90.0 62,700* 90.0 67,400 66,500* 95.0 63,900 95.0 61,100 95.0 61,100* 95.0 63,700 95.0 59,900 100.0 57,300 59,400* 59,700 57,000 100.0 62,100 100.0 100.0 100.0 100.0 53,100 110.0 50,700 54,300* 110.0 53,000 110.0 50,500 110.0 54,400* 110.0 110.0 120.0 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 43,200 130.0 130.0 40.200 130.0 43,000 130.0 41,000 130.0 39.000 130.0 42,700* 130.0 42,800 130.0 40,800 39.000 33,500 140.0 39,100 140.0 37,300 140.0 35,600 140.0 33,900 140.0 35,900* 140.0 39,000 140.0 37,100 140.0 35,400 140.0 33,700 150.0 34,200 150.0 32,400 150.0 30,900 150.0 35,700 150.0 34,000 150.0 32,400 150.0 30,800 160.0 29,900 160.0 28,500 160.0 26,900 160.0 31,300 160.0 29,800 160.0 28,200 160.0 26,800 170.0 26,100 170.0 24.800 170.0 27,400 170.0 26,100 170.0 24,800 180.0 23.100 180.0 24,200 180.0 22,800 190.0 21,200

Reeves 4 Ree

					1501													ft Jib					
	88		83	B	oom An	gle (di	eg.) 73		68	1	63		88		83		Boom A 78	1	deg.) 73		68		63
Load adius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated	Load Padius (ft)	Rated Load (lbs)	Load Redius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
60.0 65.0 75.0 75.0 80.0 85.0 95.0 110.0 120.0 130.0 150.0	63,200* 62,000* 61,200* 60,200* 59,300* 58,600* 67,500* 55,800* 49,900* 46,500* 38,000* 32,100*	80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 160.0	60,400* 59,600* 58,700* 67,600 52,700 47,100 42,600 38,700 35,500	110.0 120.0 130.0 140.0 150.0 170.0	50,300 44,900 40,600 36,900 33,700 31,000 28,500	130.0 140.0 150.0 160.0 170.0 180.0	38,600 35,000 32,000 29,300 27,200 26,200	150.0 160.0 170.0 180.0 190.0	30,400 27,800 25,600 23,700 22,000	170.0 180.0 190.0 200.0	24,300 22,400 20,700 19,400	60.0 65.0 70.0 75.0 80.0 85.0 90.0 110.0 120.0 130.0 150.0 160.0	53,800* 52,800* 51,900* 51,100* 60,200* 49,400* 48,700* 47,600* 42,600* 33,600* 37,100* 34,600* 31,700* 28,700*	90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	49,600* 48,900*	110.0 120.0 130.0 140.0 150.0 170.0 180.0	48,900° 44,900 40,600 36,900 33,700 31,000 28,500 26,600	140.0 150.0 160.0 170.0 180.0 190.0	35,000 32,000 29,300 27,000 25,000 23,400	160.0 170.0 180.0 190.0 200.0	27,800 25,600 23,700 22,000 20,500	180.0 190.0 200.0 210.0	22,40 20,70 19,40 18,00
Ree	res 4	Post																					
	120	-	om		1701			Reev	/es 4	Reev	es 4	Reev	es 2	Reev	res 2	Reev	180	Reev Oft Jib		Reev	es 2	Reev	es 2
	Name and Address of the Owner, where	-	- Y			ft Jib		Reev	/es 4	Reev	63		88 88	Reev	res 2			oft Jib ngle (es 2 68		es 2
Load adius (ft)	120	-	83 Pated		170 t	ft Jib	eg.)	Load Radius (ft)		Load Radius (ft)				Load Radius (ft)	83 Pated		180 Boom A	oft Jib ngle (deg.)				

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

					1901	t Jib											200	ft Jib)				
				B	oom An	gle (de	eg.)										Boom A	ngle (deg.)				
	88		83		78		73		68		63	- 1	88	-	83	_	78		73		68	_	63
oad adius (ft)	Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)
70.0 75.0 80.0 85.0 90.0 95.0 10.0 20.0 30.0 40.0 60.0 70.0 80.0	42,300° 41,800° 41,100° 40,100° 38,500° 35,500° 32,800° 28,200° 28,200° 24,600° 21,600° 20,300° 18,500°	100.0	38,700* 37,200* 34,100* 31,700* 29,300* 25,500* 23,900* 21,000* 19,800* 17,700*	120.0 130.0 140.0 150.0 160.0 170.0 190.0 200.0 210.0	33,000° 30,400° 28,400° 26,400° 21,600° 21,600° 18,800° 16,900°	150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0	27,300° 25,600° 23,900° 22,300° 20,900° 15,600° 17,800° 16,000°	180.0 190.0 200.0 210.0 230.0	22,600 20,900 19,400 18,000 16,700 15,100*	200.0 210.0 220.0 230.0 240.0	18,000 16,700 16,700 14,500 13,600	75.0 80.0 85.0 90.0 95.0 110.0 120.0 150.0 160.0 170.0 180.0 200.0	37,200° 36,200° 34,700° 33,300° 29,600° 27,600° 25,700° 23,900° 22,400° 21,000° 19,900° 18,600° 17,400°	100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 190.0 200.0 210.0	31,000° 28,700° 26,700° 24,700° 23,200° 21,700° 20,300° 19,200° 18,100° 17,000°	130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0	25,700° 23,900° 22,600° 21,000° 19,900°	160.0 170.0 180.0 190.0 200.0 210.0 230.0	23,100° 21,600° 20,400° 19,200° 18,200° 17,100° 16,900° 14,400°	180.0 190.0 200.0 210.0 220.0 230.0 240.0	21,000° 19,600° 18,600° 16,500° 15,100° 13,400°	200.0 210.0 220.0 230.0 240.0 250.0	17,86 16,50 16,44 14,20 12,30

					70 ft	Jib											80	ft Jib					
				В	oom An	1	-		7.77						3.		Boom A		F-12	1			
	88	1-2	83	tood	78	-	73		68	-	63	-	88	-	83		78	-	73	-	68	_	63
oad dius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pater Loac (lbs)
4.0 6.0 8.0 0.0 2.0 4.0 6.0 8.0 0.0 5.0 0.0 5.0 0.0 5.0	140,600* 138,000* 136,300* 132,700* 130,000* 127,300* 122,000* 112,800* 106,300* 99,500* 93,000* 82,100*	55.0 60.0 65.0 70.0 75.0 80.0 90.0	123,400 115,100 104,100 94,900 86,900 80,000 73,900 68,800	75.0 80.0 85.0 90.0 95.0	83,100 76,600 70,800 65,900 61,600	90.0 95.0 100.0 110.0	63,400 59,300 65,500 49,200	110.0 120.0	46,900 41,900	120.0 130.0	40,200 36,300	42.0 44.0 46.0 48.0	119,000* 119,000* 119,000* 119,000* 118,300* 117,600* 113,800* 102,300* 96,400* 89,000* 79,900* 69,000*	60.0 65.0 70.0 75.0 80.0 95.0	114,800 104,000 34,900 86,900 80,000 73,900 69,000 64,600	75.0 80.0 85.0 95.0 95.0 100.0	76,100 70,400 65,600 61,400 57,500	95.0 100.0 110.0	59,000 55,300 49,100	120.0 130.0	41,600 37,400	130.0	36,10 32,8
	110000																			. 4			
Ree	ves 6 130'				90 ft	Jb		Reev	ves 6	Reev	/es 6	Reev	res 4	Reev	/es 4	Reev	100	Reev Oft Jib		Reev	res 4	Reev	res
Ree	130'		om		90 ft oom Ang	Jib gle (de	eg.)	Reev								-40	100 Boom A) ft Jib ngle (deg.)				
oad	130' 88 Rated	Boo	83 Rated	B	90 ft oom Ang 78 Rated	Jib gle (de	eg.) 73 Pated	Load	68 Rated	Load	63 Rated	Load	88 Rated	Load	83 Pated	Load	100 Boom A 78 Rated	oft Jib ngle (deg.) 73 Pated	Load	68 Rated	Load	63 Rate
Ree oad odius (ft)	130' 88 Rated	Вос	83 Rated	В	90 ft oom Ang 78 Rated	Jib gle (de	eg.) 73		68		63		88 Rated		83 Pated		100 Boom A 78) ft Jib ngle (deg.) 73		68		63

Luffing Jib Lift Capacity

					1101		-											ft Jib					
	00		00	Bo	oom Ang	1			00		00		00		00	1	Boom A	-			00		00
Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	78 Rated Load (lbs)	Load Radius (ft)	73 Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	78 Rated Load (lbs)	Load Radius (ft)	73 Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)
46.0 48.0 55.0 60.0 65.0 75.0 80.0 85.0 95.0 110.0	106,900* 106,600* 106,300* 105,100* 103,100* 99,200* 96,600* 89,700* 82,600* 76,400* 70,600* 65,500* 60,800* 50,900*	70.0 75.0 80.0 85.0 90.0 90.0 100.0 110.0	93,900 86,000 79,200 73,300 68,300 63,900 53,000 47,600	90.0 100.0 110.0 120.0 130.0	64,800 60,500 66,700 50,300 45,000 40,600	110.0 120.0 130.0 140.0 150.0	48,000 43,000 38,800 36,400 32,400	130.0 140.0 150.0 160.0	36,600 33,200 30,400 27,900	150.0 160.0 170.0	28,900 26,600 24,500	55,0 60.0 65.0 70.0 75.0 80.0 95.0 95.0 110.0 120.0	89,200* 89,200* 89,200* 87,800* 84,900* 80,800* 71,300* 66,300* 61,700* 53,800* 45,100*	75.0 80.0 85.0 90.0 100.0 110.0 120.0	78,900 73,100 68,000 63,500 69,500 52,700 47,300	95.0 100.0 110.0 120.0 130.0 140.0	60,500 56,700 50,300 44,900 40,600 36,900 33,700	120.0 130.0 140.0 150.0	42,800 38,600 35,000 32,000	140.0 150.0 160.0	33,200 30,200 27,800 25,600	160.0 170.0 180.0	26,300 24,100 22,400
Reev	es 4 130'		es 4	Reev	/es 4	Reev	res 4	Reev	es 4	Reev	ves 4	Reev	es 4	Reev	res 4	Reev	es 4	Reev	es 4	Reev	res 4	Reev	es 4
	150		жи		1301	t Jib											140	oft Jib	Ų.				
				Bo	oom Ang	gle (de					43		East 1			_	Boom A	1					
Load	88 Rated	Load	83 Rated	Load	78 Rated	Load	73 Rated	Load	68 Rated	Load	63 Rated	Load	88 Pated	Load	83 Rated	Load	78 Rated	Load	73 Rated	Load	68 Rated	Load	63 Pated
adius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Radius (ft)	Load (lbs)
	62,300*	76.0 80.0 86.0 90.0 96.0 100.0 120.0 140.0	78,900 73,100 68,000 63,600 59,500 52,700 47,300 42,800	100.0 110.0 120.0 130.0 140.0 150.0	56,700 60,300 44,900 40,600 36,900 33,700	120.0 130.0 140.0 150.0 170.0	42,600 38,400 35,000 32,000 29,300 27,200	140.0 150.0 160.0 170.0	33,000 30,200 27,800 25,600	160.0 170.0 180.0 190.0	26,100 24,100 22,200 20,700	66.0 60.0 70.0 76.0 80.0 86.0 90.0 110.0 110.0 140.0	73,500° 72,400° 70,900° 69,200° 67,700° 66,100° 64,400° 62,700° 61,200° 59,600° 64,600° 48,300° 43,100° 36,300°	80.0 85.0 90.0 95.0 100.0 120.0 130.0 140.0	70,300° 67,300 63,500 59,400 62,700 47,100 42,600 38,800	100.0 110.0 120.0 130.0 140.0 160.0 170.0	56,400 60,000 44,800 40,400 36,800 33,700 30,900 28,500	130.0 140.0 150.0 160.0 170.0	38,300 34,800 31,800 29,300 27,000	150.0 160.0 170.0 180.0 190.0	30,000 27,600 26,400 23,500 21,800	170.0 180.0 190.0 200.0	23,900 22,200 20,500 19,100

					1501	-												oft Jib					
	00		00	B	oom An	gle (de	_		00		00		00		00	_	Boom A	1			00		00
Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	78 Rated Load (lbs)	Load Radius (ft)	73 Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	78 Rated Load (lbs)	Load Radius (ft)	73 Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
60.0 70.0 75.0 80.0 85.0 95.0 95.0 00.0 10.0 20.0 30.0 40.0 50.0	63,300° 62,200° 61,200° 69,300° 58,600° 67,600° 55,800° 63,800° 46,500° 42,800° 38,200° 32,500°	80,0 85,0 90,0 95,0 100,0 120,0 130,0 140,0 160,0	60,600* 59,800 * 57,700 52,300 46,900 42,400 38,500 35,300	110.0 120.0 130.0 140.0 150.0 160.0	49,600 44,500 40,100 36,500 33,300 30,600 28,300	130.0 140.0 150.0 160.0 170.0 180.0	37,900 34,600 31,500 28,900 26,500 24,600 22,900	160.0 170.0 180.0 190.0	27,100 25,000 23,100 21,400	170.6 180.0 190.0 200.0	23,300 21,700 20,100 18,700	60.0 65.0 75.0 80.0 85.0 95.0 100.0 110.0 120.0 150.0 160.0	53,800° 52,800° 51,900° 51,100° 50,200° 49,400° 48,700° 46,100° 42,600° 37,100° 34,500° 31,700° 28,900°	90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	50,500° 49,700° 48,900° 46,700° 43,200° 40,200° 37,600° 35,200 32,300 29,900	120.0 130.0 140.0 150.0 160.0 170.0 180.0	44,500 40,100 36,500 33,300 30,700 28,300 26,100 24,300	140.0 150.0 160.0 170.0 180.0	34,600 31,500 28,900 26,500 24,600 22,900	160.0 170.0 180.0 190.0 200.0	27,100 25,000 23,100 21,400 19,900	180.0 190.0 200.0 210.0	21,70 20,10 18,70 17,40
Reev	es 4 130'	Reev		Ree	1701			Reev	/es 4	Reev	/es 4	Reev	es 2	Reev	/es 2	Reev	180	Reev Oft Jib		Reev	res 2	Reev	es 1
	130'	Вос	om 83	B	170 t com Ang 78	ft Jib gle (de	eg.) 73		68		63		88		83		180 Boom A 78	oft Jib ngle (deg.)		68		63
Reev Load ladius (ft)	130'	-	om		170 t	t Jib	eg.)	Reev Load Radius (ft)		Reev Load Radius (ft)				Reev Load Padius (ft)		- 12/	180 Boom A) ft Jib ngle (deg.)				

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

					1901	ft Jib	-										200	oft Jib					
				B	oom An	gle (de	eg.)			,							Boom A	ngle (deg.)				
	88		83	-	78	14	73	100	68		63	-	88	and:	83	70	78	1	73	1	68	1	63
oad adius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Load (lbs)
70.0 75.0 80.0 85.0 90.0 95.0 95.0 20.0 30.0 40.0 70.0 80.0 90.0	41,400° 40,900° 40,400° 39,900° 38,400° 35,400° 32,700° 30,400° 28,200° 24,600° 21,600° 20,300° 18,500°	100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0	37,000* 34,100* 31,600* 29,300* 27,300* 23,800* 22,300* 21,000* 17,600*	130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0	28,200* 26,300* 24,700* 23,000* 21,600*	150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0	27,300* 25,300* 23,800* 22,300* 20,900* 19,400* 15,900*	180.0 190.0 200.0 210.0 230.0	22,000 20,300 18,700 17,400 16,200 15,100	200.0 210.0 220.0 230.0 240.0	17,400 16,000 14,900 13,800 12,800	75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 170.0 180.0 190.0 200.0	37,000* 36,600* 35,900* 34,600* 33,300* 29,600* 27,400* 25,600* 21,000* 19,700* 18,600* 16,800*	100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0	30,800° 28,600° 26,600° 24,700° 23,000° 21,700° 20,300° 19,200° 18,100° 17,000°	130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0	25,600* 23,900* 22,300* 21,000* 19,700*	160.0 170.0 180.0 190.0 200.0 210.0 230.0	21,600° 20,300° 19,200° 17,900° 16,900° 15,800°	180.0 190.0 200.0 210.0 230.0 240.0	20,700° 19,600° 18,400 17,100 16,900 14,900 13,300°	210.0 220.0 230.0 240.0 250.0	15,8(6 14,6(6) 13,6(6) 11,6(6)

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

					70 f													ft Jib					
_	88		83	В	oom An 78	gle (di	eg.) 73		68		63		88		83		300m A 78	1	deg.) 73		68		63
oad adius (ft)	Pated	Load Fadius (ft)	Pated	Load Padius (ft)	Reted Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated	Load Radius (ft)	Pated	Load Radius (ft)	Rated Load (lbs)	Load Radius (ff)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Rate Load (lbs)
10.0 12.0 14.0 16.0 16.0 55.0 55.0 56.0 70.0 75.0	119,000* 119,000* 119,000* 119,000* 118,600* 118,600* 114,100* 107,400* 100,800* 94,100* 83,200*	55.0 60.0 66.0 70.0 75.0 80.0 85.0 90.0	118,200 114,700 103,600 94,400 86,500 79,600 73,700 68,600	75.0 80.0 86.0 90.0 95.0	82,300 75,700	95.0 100.0 110.0		110.0 120.0	45,800 41,000			40.0 42.0 44.0 46.0 48.0 55.0 66.0 66.0 70.0 75.0 80.0 85.0	119,000* 119,000* 119,000* 119,000* 118,800* 118,600* 118,600* 109,200* 103,000* 96,900* 89,600* 69,800*	60.0 66.0 70.0 76.0 80.0 86.0 90.0 95.0	114,300 103,600 94,400 86,500 79,600 73,700 68,600 64,100	80.0 86.0 90.0 95.0 100.0	75,300 69,700 65,000 60,700 56,800 60,300	95.0 100.0 110.0 120.0	68,200 54,400 48,200 43,200	120.0	40,400 36,600		
Ree	ves 4 140'		ves 4		90 f	t Jib	/es 4	Reev	/es 4	Reev	ves 4	Reev	res 4	Reev	es 4	Reev	100	Reev		Reev	es 4	Reev	es /
Ree	-					t Jib		Reev	/es 4	Reev	ves 4		res 4		es 4 83	- 1) ft Jib ngle (deg.)		es 4 68		63
Load ladius (ft)	140'		om		90 f	t Jib	eg.)	Ree\ Load Radius (ft)		Load Radius (ft)	63 Rated		88 Pated			- 1	100 Boom A) ft Jib ngle (

Luffing Jib Lift Capacity

	140	Boo	om																				
			120		1101		S. 6.											oft Jib					
	88		83	B	om Ang 78		9g.) 73		68		63		88		83	_	Boom A 78	1	aeg.) 73		68		63
oad	Rated	Load	Pated	Load	Rated	Load	Pated	Load	Rated	Load	Rated	Load	Pated	Load	Rated	Load	Rated	Load	Rated	Load	Rated	Load	Rated
46.0 48.0 60.0 55.0 60.0	89,200* 89,200* 89,200* 89,200* 89,200*	Padius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	(lbs)	Fadius (ft) 55.0 60.0	89,200* 88,800*	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)
75.0 75.0 86.0 85.0 95.0 95.0 10.0	89,200* 89,200* 87,100* 82,600* 76,400* 70,800* 65,700* 61,000*	70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0	89,200 85,300 78,700 72,800 67,900 63,500 69,500 52,700 47,300 42,800	95.0 100.0 110.0 120.0 130.0 140.0	59,800 66,000 49,600 44,500 40,100 36,500	120.0 130.0 140.0 150.0	42,300 38,100 34,700 31,700	140.0 150.0 160.0	32,400 29,500 27,100	160.0	25,700	65.0 70.0 75.0 80.0 85.0 95.0 100.0 110.0 120.0	86,400* 84,200* 81,600* 78,300* 70,700* 66,400* 61,900* 45,600*	70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 120.0	76,700 71,000 66,200 61,900 58,100	95.0 100.0 110.0 120.0 130.0 140.0	59,800 66,000 49,600 44,500 40,100 36,500 33,300	120.0 130.0 140.0 150.0 160.0	41,900 37,900 34,300 31,300 28,900	140.0 150.0 160.0 170.0	32,400 29,500 27,000 25,000	160.0 170.0	25,20 23,20
Reev	ies 4	Reev	ves 4	Reev	res 4	Reev	es 4	Reev	res 4	170.0	23,700 res 4	Reev	ves 4	Reev	ies 4	Reev	es 4	Reev	res 4			180.0	21,50
Reev	/es 4 140'	the same of	ves 4	Reev	130 t			Reev	/es 4	Reev		Reev	ves 4	Reev	/es 4	Rsev		Reev Oft Jib		Reev		1000	21,60
	140'	Вос	om 83	Bx	130 toom Ang	t Jib gle (de	eg.) 73	. 30	68	Reev	63		88		83		140 Boom A 78	Oft Jib ngle (deg.) 73	Reev	res 4	Reev	21,500 res 4
	140'	Вос	om		130 t	t Jib gle (de	∍g.)			Reev	ves 4						140 Boom A	oft Jib ngle (deg.)		ves 4	180.0	21,500

					150 f	t Jib											160	oft Jib	X I				
				В	oom Ang	gle (de	eg.)										Boom A	ngle (deg.)				
	88		83		78		73	2	68		63		88		83		78		73		68		63
oad adius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Padius (ft)	Pated Load (lbs)
60.0 70.0 75.0 80.0 85.0 95.0 10.0 20.0 30.0 40.0	62,200+ 61,200+ 60,200* 59,300* 58,600* 67,500* 55,800+ 63,800* 50,100* 46,500+ 42,800+ 38,300*	90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	59,100* 67,700 52,000 46,600 42,100 38,200	110.0 120.0 130.0 140.0 150.0 160.0 170.0	49,100 43,900 39,700 36,000 32,900 30,200 27,900	140.0 150.0 160.0 170.0 180.0 190.0	33,700 30,800 28,200 26,100 24,100 22,300	160.0 170.0 180.0 190.0 200.0	26,300 24,300 22,400 20,700 19,400	180.0 190.0 200.0 210.0	20,500 19,200 17,800 16,700	60.0 65.0 70.0 75.0 80.0 85.0 95.0 100.0 120.0 130.0 140.0 150.0	63,800° 52,800° 61,900° 51,100° 60,200° 49,400° 48,700° 46,200° 42,800° 39,800° 34,500° 31,700° 29,200°	90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	50,700° 49,900° 49,100° 47,100° 43,600° 40,400° 37,800 35,100 32,200 29,700	120.0 130.0 140.0 150.0 160.0 170.0 180.0	44,000 39,700 36,000 32,900 30,200 27,900 26,800 24,000	140.0 150.0 160.0 170.0 180.0 190.0 200.0	33,800 30,800 28,200 26,100 24,100 22,300 20,700	160.0 170.0 180.0 190.0 200.0	26,300 24,300 22,400 20,700 19,400	190.0 200.0 210.0 220.0	19,20 17,80 16,70 16,50
Ree	ves 4 140'		ves 4		ves 4	t Jib		Raev	es 4	Reev	/es 4	Reev	es 2	Reev	/es 2		180	oft Jib		Reev	es 2	Reev	es I
	00		00	B	oom Ang	gle (de			00		ca		00		00	_	Boom A	ngle (00		00
oad	88 Rated	Load	83 Rated	Load	78 Rated	Load	73 Rated	Load	68 Rated	Load	63 Rated	Load	88 Pated	Load	83 Rated	Load	78 Rated	Load	73 Rated	Load	68 Pated	Load	63 Pateo
adius (ft)	Load (lbs)	Radius (ft)		Padius (ft)		Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)		Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)
65,6	50,400* 50,000 *											70.0	44,900*	1									

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

Part Cheef Reduct Load Reduct Load Reduct Load Reduct Load Reduct Load Reduct Reduct Load Reduct					1901	t Jib												ft Jib					
Cloud Felect Load Felect F			-	Bo	om An	gle (de	g.)										Boom A	ngle (deg.)				
Reduct Load Reduct Load (lbs) (ft) (lbs) (ft							73																
75.0 40,200° 80,0 39,700° 80,0 39,200° 80,0 39,200° 80,0 39,200° 80,0 38,700° 80,0	adius Load	Radius	Load	Padius	Load	Padius	Load	Padius	Load	Padius	Load	Padius	Load	Padius	Load	Padius	Load	Padius	Load	Radius	Load	Padius	Rated Load (lbs)
2000 10	75.0 40,200 80.0 39,700 85.0 39,200 90.0 38,100 95.0 36,200 10.0 32,600 20.0 30,200 30.0 28,000 40.0 26,300 50.0 24,600 60.0 23,000 70.0 21,400 80.0 23,000	0° 100.0 0° 110.0 0° 120.0 0° 130.0 0° 140.0 0° 140.0 0° 160.0 170.0 180.0 190.0 190.0	34,100* 31,500* 29,100* 27,100* 25,500* 23,800* 21,000* 19,600*	140.0 150.0 160.0 170.0 180.0 190.0 200.0	28,200* 26,100* 24,400* 23,000* 21,600* 20,300* 18,500*	170.0 180.0 190.0 200.0 210.0	23,600* 22,200* 20,700* 19,000* 17,400*	190.0 200.0 210.0 220.0 230.0	19,600 18,000 16,900 16,700 14,700	210.0 220.0 230.0 240.0	15,200 14,200 12,900 12,100	80.0 90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	36,000° 35,700° 34,400° 33,100° 31,800° 29,400° 27,300° 25,500° 20,900° 19,700° 18,600° 17,400°	110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0	30,700° 28,400° 26,400° 24,700° 23,000° 21,700° 20,300° 19,100° 18,100° 17,000°	150.0 160.0 170.0 180.0 190.0 200.0 210.0	23,900* 22,300* 21,000* 19,600* 18,500* 17,600*	170.0 180.0 190.0 200.0 210.0 220.0 230.0	21,400* 20,200* 18,900* 17,900* 16,900* 14,000*	200.0 210.0 220.0 230.0	17,800 16,500 16,400 14,200	220,0 230.0 240.0	14,90 13,70 12,70 11,70 10,90

					70 ft													ft Jib					
-	88		83	В	oom An	_	eg.) 73		68	1	63		88		83	_	Boom A 78	ngle (deg.) 73		68		63
oad adius (ft)	Rated	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pater Load (lbs)
40.0 44.0 46.0 46.0 56.0 56.0 70.0 75.0	119,000° 119,000° 119,000° 119,000° 118,300° 117,600° 107,400° 100,800° 94,900° 84,300°	66.0 60.0 66.0 70.0 76.0 80.0 90.0	118,000 114,300 103,200 94,000 86,000 79,200 73,300 68,200	76.0 80.0 85.0 90.0 96.0	75,000	95.0 100.0 110.0	57,400 53,800 47,800	120.0	40,100 36,100	130.0 140.0	34,300 31,100	42.0 44.0 46.0 48.0 50.0	119,00° 119,000° 119,000° 118,900° 116,900° 114,900° 105,400° 100,800° 96,100° 89,600° 81,100° 70,700°	60.0 66.0 70.0 75.0 80.0 85.0 90.0 95.0	113,900 103,100 94,000 86,000 79,200 73,300 68,300 63,900	80.0 85.0 90.0 96.0 100.0	74,600 68,900 64,300 60,000 56,200 49,800	100.0 110.0 120.0	53,600 47,600 42,600	120.0 130.0	39,700 36,700	140.0	31,000 28,20
Ree	ves 4																						
Ł	150'			Reev		Reev	es 4	Reev	es 4	Reev	es 4	Reev	les 4	Reev	/es 4	Reev		Reev		Reev	es 4	Reev	les
					90 ft	Jib		Reev	ves 4	Reev	es 4	Reev	les 4	Reev	es 4) ft Jib		Reev	es 4	Reev	les
	150'	Вос	om 83	В	90 ft oom An	Jib gle (de	eg.) 73		68		63		88		83		100 Boom A 78) ft Jib ngle (deg.) 73		68		63
oad adius (ft)	150' 88 Rated		om		90 ft	Jib gle (de	eg.)	Load Padius (ft)									100 Boom A) ft Jib ngle (deg.)				

Luffing Jib Lift Capacity

					1101	tJib											120	ft Jb	-				
				В	oom An	gle (de	2000	_	00			-	06.			1	Boom A	1			00	1	00
Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	78 Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	78 Pated Load (lbs)	Load Radius (ft)	73 Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
46.0 48.0 55.0 60.0 65.0 75.0 80.0 85.0 95.0 110.0	89,200° 89,200° 89,200° 89,200° 89,200° 86,300° 82,800° 79,400° 70,900° 65,900° 61,200°	75.0 80.0 85.0 90.0 95.0 100.0 110.0 130.0	85,100 78,700 72,800 67,900 63,500 59,400 52,700 47,300 42,600	95.0 100.0 110.0 120.0 130.0 140.0	55,300 49,100 43,900 39,700	120.0 130.0 140.0 150.0	41,900 37,700 34,300 31,300	140.0 150.0 160.0 170.0	31,500 28,900 26,600 24,300	160.0 170.0 180.0	25,200 23,200 21,400	55.0 60.0 65.0 75.0 80.0 85.0 90.0 95.0 110.0 120.0	86,500* 85,600* 83,700* 81,100* 78,400* 70,200* 66,400* 62,100* 54,200* 46,000*	75.0 80.0 85.0 90.0 95.0 100.0 110.0 130.0	78,300 72,600 67,500 63,100 59,200	100.0 110.0 120.0 130.0 140.0 150.0	66,300 49,100 43,900 39,700 36,000 33,000	120.0 130.0 140.0 150.0 160.0	41,500 37,400 34,100 31,100 28,700	140.0 150.0 160.0 170.0	31,500 28,800 26,300 24,300	160.0 170.0 180.0 190.0	24,80 22,80 21,10 19,60
Ree	ves 4 150'		es 4	Ree	ves 4		es 4	Reev	/es 4	Reev	es 4	Reev	es 4	Reev	es 4	Reev		Reev Oft Jib	es 4	Reev	es 4	Reev	res 4
				В	oom An		eg.)										Boom A		deg.)				
	88	-	83	Total	78	10-11	73	4	68	-	63	and the same of	88	-	83	-	78	-	73	-	68	-	63
oad adius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Redius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)
55.0	77,300° 76,800° 76,300°							Н				60.0 65.0	69,400* 68,900*										

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

					1501		-											oft Jib					
	00		83	B	oom Ang	gle (de	7 . 7		68		63		88		83	_	Boom A	1			68		63
Load adius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	78 Rated Load (ibs)	Load Padius (ft)	73 Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
60.0 70.0 75.0 80.0 85.0 90.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	61,800° 60,800° 60,800° 60,200° 59,600° 58,600° 67,600° 55,900° 63,800° 50,100° 43,000° 38,500° 32,900°	90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	59,200* 67,700 51,600 46,200 41,700	120.0 130.0 140.0 150.0 170.0 180.0	43,400 39,000 35,600 32,400 29,800 27,400 25,500	140.0 150.0 160.0 170.0 180.0	33,200 30,200 27,800 25,400 23,600 21,800	160.0 170.0 180.0 190.0 200.0	25,700 23,700 21,700 20,300 18,700	180.0 190.0 200.0 210.0	20,100 18,500 17,300 16,000	60.0 65.0 70.0 75.0 80.0 85.0 95.0 110.0 120.0 130.0 140.0 160.0	54,000° 53,000° 52,000° 51,100° 60,200° 49,400° 48,700° 47,700° 46,300° 39,800° 37,100° 34,500° 31,700° 29,300°	90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	50,800° 50,000° 49,300° 47,400° 44,100° 40,900° 38,000 32,000 29,400	120.0 130.0 140.0 150.0 160.0 170.0 190.0	43,400 39,200 36,600 32,400 29,800 27,400 26,600 23,600	140.0 150.0 160.0 170.0 180.0 190.0 200.0	33,200 30,200 27,800 25,600 21,800 20,400	170.0 180.0 190.0 200.0 210.0	23,700 21,700 20,300 18,700 17,600	190.0 200.0 210.0 220.0	18,50 17,20 16,00 14,80
Reev	res 4 150			Ree	1701	Reev t Jib	/es 4	Reev	res 4	Reev	/es 4	Reev	es 2	Reev	res 2	Reev		Reev		Reev	es 2	Reev	es 1
Reev	150		om		170 t	t Jib	eg.)	Reev									180 Boom A	oft Jib	deg.)				
	150'	Вос	om 83	B	170 t oom Ang 78	t Jib gle (de	eg.) 73		68		63		88		83		180 Boom A 78	Oft Jib	deg.) 73		68		63
oad edius (ft)	150		om		170 t	t Jib	eg.)	Reev Load Radius (ft)									180 Boom A	oft Jib	deg.)				

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

					1901	t Jib											200	ft Jib	Y				
				Bo	oom An	gle (de	eg.)									. 1	Boom A	ngle (deg.)				
	88	l u	83		78		73		68		63		88	1.3	83		78	-	73		68		63
Load adius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Fadius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)
76.0 75.0 80.0 85.0 95.0 95.0 10.0 20.0 30.0 40.0 70.0 80.0 90.0	39,900* 39,300* 38,800* 38,800* 37,800* 36,700* 36,200* 32,600* 30,100* 28,000* 22,900* 21,400* 20,200* 18,500*	100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0	37,000* 34,100* 31,600* 27,100* 25,300* 23,600* 22,300* 19,400*	130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0	30,300* 28,200* 26,100* 23,000* 21,600* 20,100* 18,400* 14,800*	160.0 170.0 180.0 190.0 200.0 210.0 230.0	25,300° 23,600° 22,100° 20,500° 18,800° 17,100° 16,700° 14,000°	180.0 190.0 200.0 210.0 220.0 230.0 240.0	20,600 19,000 17,600 16,300 15,100 14,000	210.0 220.0 230.0 240.0 250.0	14,500 13,400 12,300 11,400 10,500	75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 160.0 170.0 180.0 200.0	35,700° 35,400° 35,000° 34,200° 33,100° 31,800° 29,400° 25,300° 22,200° 20,800° 18,400° 16,600° 13,300°	100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 200.0 210.0	33,300° 30,700° 28,400° 26,400° 21,400° 21,400° 19,100° 17,800° 16,800°	140.0 150.0 160.0 170.0 190.0 200.0 210.0 220.0	23,700° 22,200° 20,800° 19,600° 18,500° 17,600°	160.0 170.0 180.0 190.0 200.0 210.0 230.0 240.0	21,400* 20,100* 18,900* 17,800*	190.0 200.0 210.0 220.0 230.0 240.0 250.0	18,700 17,400 16,000 14,800 13,600 12,600 11,500*	210.0 220.0 230.0 240.0 250.0 260.0	14,10 13,00 12,00 11,00 10,20 9,40

					70 f													ft Jib					
=	88		83	B	oom An 78	gle (de	9g.) 73		68	T	63		88		83	_	Boom A 78	1	deg.) 73		68		63
oad adius (ft)	Rated	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Partec Load (lbs)
10.0 12.0 14.0 16.0 18.0 16.0 16.0 16.0 16.0 16.0 16.0 16.0 16	119,000° 119,000° 119,000° 119,000° 118,100° 117,200° 112,600° 105,500° 98,300° 91,800° 82,200°	60.0 65.0 70.0 75.0 80.0 85.0 90.0	113,800 102,900 93,800 85,800 78,900 73,100 68,100	80.0 85.0 90.0 95.0	68,800 64,100 69,900	100.0 110.0	53,200 47,100	120.0 1 30.0	39,300 35,500			40.0 42.0 44.0 46.0 48.0 50.0 65.0 70.0 75.0 80.0 85.0	105,500° 104,500° 103,600° 102,600° 100,600° 98,200° 95,800° 93,300° 90,900° 86,800° 71,900°	60.0 65.0 70.0 75.0 80.0 85.0 90.0 96.0	Mary and	80.0 86.0 90.0 96.0 100.0 110.0	74,000 68,400 63,800 69,600 55,800 49,400	100.0 110.0 120.0 130.0	52,700 46,700 41,900 37,700	120.0 130.0 140.0	38,900 35,000 31,800	140.0 160.0	29,930
Ree	ves 4 160'			Ree		Reev	/es 4	Reev	/es 4	Reev	/es 4	Reev	es 4	Reev	es 4	Reev		Reev Oft Mb		Reev	es 4	Reev	es (
Ree		-			yes 4 90 fi	t Jib		Reev	/es 4	Reev	ves 4	Reev	ies 4	Reev	es 4			oft Jib		Reev	es 4	Reev	es
	160'	Вос	om 83	В	90 fi oom An 78	t Jib gle (de	eg.) 73		68		63		88		83		100 Boom A 78) ft Jib ngle (deg.) 73		68		63
Ree coad adius (ft)	160'	-	om		90 fi oom An 78 Rated	t Jib	eg.)	Ree\ Load Radius (ft)									100 Boom A) ft Jib ngle (deg.)				

Luffing Jib Lift Capacity

					1101													ft Jib					
_	00		00	В	oom An	gle (de			00	1	00		00		00		Boom A	_		Ī	00	ī	00
Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padjus (ft)	Pated Load (lbs)	Load Padius (ft)	73 Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	73 Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
46.0 48.0 55.0 60.0 65.0 75.0 80.0 85.0 90.0 110.0	89,200° 89,200° 89,200° 89,200° 89,200° 86,300° 79,400° 76,000° 70,900° 66,000° 61,500°	75.0 80.0 85.0 90.0 95.0 110.0 120.0	84,700 78,300 72,400 67,500 63,000 59,000 52,500 46,900 42,400	95.0 100.0 110.0 120.0 130.0 140.0	58,400 64,700 48,500 43,400 39,000 36,600	120.0 130.0 140.0 150.0	41,000 37,000 33,700 30,800	140.0 150.0 160.0 170.0	30,600 27,900 26,600 23,600	160.0 170.0 180.0	24,100 22,300 20,600	100000	83,100° 82,200° 81,400° 79,200° 76,600° 70,900° 68,200° 65,400° 62,100° 54,200° 46,400°	75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0	82,100 77,900 72,200 67,200 62,800 58,800 52,100 46,700 42,200 38,500	100.0 110.0 120.0 130.0 140.0 150.0	54,700 48,500 43,400 39,000 36,600 32,600	120.0 130.0 140.0 150.0 160.0 170.0	40,800 36,800 33,400 30,400 28,000 25,900	150.0 160.0 170.0 180.0	27,900 25,600 23,400 21,700	170.0 180.0 190.0	21,90 20,20 18,70
Ree	ves 4 160'				1301	ft J ib		Reev	/es 4	Reev	res 4	Reev	es 4	Reev	es 4	Reev	140	Reev Oft Jib		Reev	es 4	Reev	es 4
	88		83	B	oom An	gle (de	9g.) 73	1	68		63		88		83		Boom A	1		T			63
Load Padius	Rated Load	Load Padius	Rated	Load	Rated	Load		Load	Rated	Load	Rated						78						
(ft)	(lbs)	I Mulus	1000				Rated					Load	Rated	Load	Rated	Load	78 Rated	Load	73 Rated	Load	Rated	Load	Rated
65.0	74,600*	(ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Load Radius (ft)		-		10,000				-	and the same of the same of		

					150 f	t Jib											160	oft Jib					
		V		В	oom Ang	gle (de	eg.)										Boom A	ngle (deg.)				
Ų	88		83		78		73	2	68		63		88	-	83		78		73		68		63
pad dius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Pate Load (lbs)
60.0 65.0 75.0 85.0 90.0 95.0 00.0 10.0 20.0 30.0 40.0	59,500* 59,500* 59,500* 59,500* 58,600* 56,000* 56,000* 50,100* 46,500* 43,000*	90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	57,800* 66,700 51,400 46,000 41,500 37,800 34,400 31,700	120.0 130.0 140.0 150.0 160.0 170.0 180.0	42,800 38,600 36,000 32,000 29,300 27,000 26,000	140.0 150.0 160.0 170.0 180.0	32,400 29,500 27,100 25,000 23,100 21,400	160.0 170.0 180.0 190.0 200.0	24,800 22,800 21,100 19,600 18,000	190.0 200.0 210.0 220.0	17,600 16,300 15,200 14,000	60.0 65.0 70.0 75.0 80.0 85.0 95.0 110.0 120.0 130.0 150.0 160.0	53,600° 52,900° 52,000° 51,100° 50,200° 49,400° 48,700° 47,700° 40,800° 39,800° 37,100° 34,300° 31,700° 29,500°	90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	50,100*	120.0 130.0 140.0 150.0 160.0 170.0 180.0	42,900 38,600 35,100 32,000 29,300 27,200 25,000 23,400	140.0 150.0 160.0 170.0 180.0 190.0 200.0	32,400 29,500 27,100 25,000 23,100 21,400 19,800	170.0 180.0 190.0 200.0 210.0 220.0	22,800 21,100 19,600 18,000 16,900 16,700	200.0 210.0 220.0 230.0	16,3 15,22 13,9 112,90
Ree	ves 2 160				170 f	t Jib		Reev	ves 2	Rsev	ves 2	Reev	es 2	Reev	/es 2			oft Jib		Reev	es 2	Reev	es I
Ree	160'		om		170 f	t Jib	eg.)										180 Boom A) ft Jib ngle ((deg.)				
	160'	Boo	om 83	В	170 f oom Ang 78	t Jib gle (de	eg.) 73		68		63		88		83		180 Boom A 78	oft Jib ngle ((deg.) 73		68		63
Ree oad adius 70.0	160' 88 Refed Load (lbs)		83 Rated		170 f	t Jib	eg.)										180 Boom A) ft Jib ngle ((deg.) 73 Rated				

Luffing Jib Lift Capacity

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

					1901	ft Jib											200	oft Jib	9				
				B	oom An	gle (de	eg.)										Boom A	ngle (deg.)	-			
	88		83		78		73		68	-	63		88		83		78		73	9 1	68		63
Load adius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
76.0 80.0 85.0 99.0 95.0 00.0 10.0 20.0 30.0 40.0 60.0 70.0 80.0 90.0	38,700° 38,200° 37,700° 37,200° 36,200° 35,000° 28,000° 26,000° 24,400° 22,800° 21,400° 20,100° 17,700°	100.0 110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0 200.0	36,800* 33,900* 31,300* 29,100* 27,100* 23,600* 22,100* 19,400*	150.0	26,100° 24,400° 22,800° 21,400° 19,800° 18,200° 16,600°	160.0 170.0 180.0 190.0 200.0 210.0 220.0 230.0	25,100° 23,400° 21,700° 20,100° 18,600° 16,900° 15,400° 13,800°	190.0 200.0 210.0 220.0 230.0 240.0	18,300 16,900 15,600 14,400 13,400	210.0 220.0 230.0 240.0 260.0 260.0	13,600 12,400 11,400 10,600 9,800 8,800	76.0 86.0 96.0 95.0 110.0 120.0 140.0 160.0 170.0 180.0 200.0	35,000* 34,700* 34,400* 33,900* 32,800* 31,500* 29,200* 27,100* 23,600* 20,800* 19,400* 15,300* 12,000*	110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0 200.0 210.0	28,400* 26,200* 24,500* 22,800* 21,400* 20,100* 19,000* 17,800*	140.0 160.0 160.0 170.0 180.0 490.0 200.0 220.0	25,400* 23,700* 22,100* 20,800* 19,500* 18,300* 16,000*	170.0 180.0 190.0 200.0 210.0 220.0 240.0	21,200° 19,900° 18,700° 17,700° 16,500° 14,900° 13,600°	200.0 210.0 220.0 230.0 240.0 260.0 260.0	16,500 16,200 14,000 12,900 11,900 11,100 9,800*	220.0 230.0 240.0 260.0 260.0	12,101 11,20 10,20 9,40 8,60

				_	_	t Jib	000											ft Jib	2201				
-	88		83	В	oom An	gle (de	9g.) 73	1	68		63		88		83	-	Boom A 78	1	deg.) 73		68		63
Load Padius (ft)	Pated	Load Radius (ft)	Pated	Load Radius (ft)	Pated	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
40.0 44.0 44.0 46.0 50.0 56.0 66.0 70.0 76.0	117,600* 116,500* 115,300* 111,800* 108,200*	60.0 66.0 70.0 76.0 80.0 85.0 90.0	112,200* 102,200* 93,300 86,400 78,500 72,800 67,700	80.0 85.0 90.0 95.0 110.0	68,000 63,400 69,300 55,500	100.0 110.0 120.0	52,100 46,200 41,500	120.0 130.0	38,200 34,500	140.0	29,300 26,700	40.0 42.0 44.0 46.0 48.0 50.0 66.0 66.0 70.0 80.0 85.0 90.0	89,200* 89,200* 89,200* 89,200* 89,200* 89,200* 88,800* 86,200* 81,100* 76,000* 67,000*	60.0 65.0 70.0 76.0 80.0 85.0 90.0 96.0	89,200 89,100 85,000 78,300 72,400 67,500 63,000	90.0 96.0 100.0 110.0	62,900 58,800 55,100 48,900	110.0 120.0 130.0	45,800 41,000 37,000	130.0 140.0	34,100 30,900	150.0	26,20,20
Rec	eves 4 170'		ves 4	Rec			res 4	Reev	es 4	Reev	/es 4	Reev	es 4	Reev	ves 4	Reev		Reev		Reev	/es 4	Reev	res 4
					90 f	10											100	Off lib					
				В	90 fi		eg.)										100 Boom A	oft Jib Ingle (
nod	88	Lond	83		oom An	gle (di	73	100	68 Belad		63		88 Below		83 Bdod		Boom A 78	ngle (deg.) 73		68 Bried	-	63 Briss
Loed Padius (ft)	Pated	Load Radius (ft)	Pated	Load Radius (ft)	78 Rated			Load Radius (ft)	68 Paled Load (lbs)	Load Radius (ft)	63 Paled Load (lbs)	Load Radius (ft)	88 Faled Load (lbs)	Load Radius (ft)	83 Refed Load (lbs)		Boom A	ngle (deg.)	Load Radius (ft)	68 Rated Load (lbs)	Loed Radius (ft)	63 Rated Load (lbs)

	170'	<u> </u>	J111		1101	t Jib											120	oft Jib					
				Bo	om Ang	1											Boom A						
Load adius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	78 Rated Load (lbs)	Load Radius (ft)	73 Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	78 Rated Load (lbs)	Load Radius (ft)	73 Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Fateo Load (lbs)
46.0 48.0 55.0 60.0 65.0 775.0 80.0 85.0 90.0 9100.0	75,900* 71,600* 67,600* 63,900* 60,600* 67,600*	75.0 80.0 85.0 90.0 95.0 100.0 120.0 130.0	84,000 77,700 71,900 67,000 62,600 52,000 46,700 42,200	100.0 110.0 120.0 130.0 140.0	54,300 48,200 43,000 38,800 35,400	120.0 130.0 140.0 150.0 160.0	40,200 36,300 33,000 30,200 27,600	140.0 150.0 160.0	30,000 27,300 25,000 23,000	170.0	21,400	55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 120.0	79,600* 78,700* 77,900* 77,900* 74,900* 71,600* 67,600* 64,100* 67,700* 52,100* 46,600*	80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0	77,300 71,700 66,800 62,400 68,400 51,800 46,500 41,900 38,200	100.0 110.0 120.0 130.0 140.0 150.0	54,000 47,800 42,800 38,600 35,000 32,000	130.0 140.0 150.0 160.0 170.0	35,900 32,600 29,700 27,400 25,200	150.0 160.0 170.0	27,100 24,800 22,800		
Reev	ves 4		ves 4	Reev	es 4	Reev	res 4	Reev	res 4	180.0 190.0	19,800 18,300	Reev	es 4	Reev	res 4	Reev	es 4	Reev	es 4	180.0	21,100 /es 4	180.0 190.0	17,90
Reev	170'	Вос	om	Bo	130 f	t Jib gle (de	eg.)			180.0 190.0	19,800 18,300						140 Boom A) ft Jib ngle (deg.)		ves 4	190.0	19,40 17,90
Reen Load Load in (ft)		Вос		Bo	130 f	t Jib gle (de			68 Rated Load (lbs)	180.0 190.0	19,800 18,300		88 Rated Load (lbs)		83 Rated Load (lbs)		140) ft Jib ngle (į.			190.0	17,90

					150 f	t Jib											160	ft Jib	V .				
				В	oom Ang	gle (de	eg.)										Boom A	ngle (deg.)				
	88		83		78		73		68		63		88	-	83		78	-	73		68		63
pad adius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Fadius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rate Load (lbs)
60.0 70.0 75.0 80.0 85.0 90.0 10.0	57,100+ 56,800+ 56,800+ 56,800+ 55,300+ 64,800+ 54,300+ 50,100+ 46,600+ 43,200+	90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	56,300 65,600 51,000 45,600 41,200 37,300 34,200 31,600	120.0 130.0 140.0 150.0 160.0 170.0 180.0	42,300 38,100 34,600 31,500 28,900 26,500 24,700	140.0 150.0 160.0 170.0 180.0 190.0 200.0	31,700 28,900 26,500 24,300 22,400 20,900 19,400	170.0 180.0 190.0 200.0 210.0	22,100 20,400 18,700 17,600 16,300	200.0 210.0 220.0	15,400 14,300 13,000	60.0 65.0 70.0 75.0 80.0 85.0 95.0 100.0 120.0 130.0 150.0 160.0	52,100° 51,600° 51,600° 50,600° 50,100° 49,600° 48,800° 47,800° 39,900° 37,300° 34,100° 31,500° 29,500°	95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	49,600* 48,200* 44,700* 41,200 37,600	120.0 130.0 140.0 150.0 160.0 170.0 180.0	42,300 38,100 34,600 31,500 28,900 26,700 24,700 22,900	150.0 160.0 170.0 180.0 190.0 200.0	28,900 26,500 24,300 22,500 20,900 19,400	180.0 190.0 200.0 210.0 220.0	20,400 18,900 17,500 16,300 16,100	200.0 210.0 220.0 230.0	15,41 14,33 13,00 12,10
Ree	ves 2 170				/es 2	t Jib		Reev	ves 2	Reev	/es 2	Reev	es 2	Reev	/es 2			oft Jib		Reev	es 2	Reev	es l
Ree	170	Вос	om		170 f	t Jib	eg.)			Reev						11	180 Boom A	ft Jib	deg.)				
Ree		Вос	om 83		170 f oom Ang 78	t Jib			nes 2	Reev	res 2 63 Rated		88		83	11	180 Boom A 78	ft Jib ngle (deg.) 73		res 2		63 Ratec
	88 Rated Load (lbs)	Вос	83 Rated	В	170 f oom Ang 78 Rated	t Jib gle (de	eg.) 73		68		63						180 Boom A	ft Jib	deg.)		68		63

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

					1901	ft Jib						1					200	oft Jib					
				Bo	oom An	gle (de	eg.)									12	Boom A	ngle (deg.)				
	88	-	83		78	-	73	-	68	-	63		88		83	_	78	-	73	-	68	-	63
Load adius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Padius (ft)	Rated Load (ibs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
76.0 80.0 85.0 90.0 95.0 00.0 10.0 20.0 30.0 40.0 60.0 60.0 90.0	36,300° 35,800° 35,000° 32,300° 29,900° 27,800° 26,000° 24,400° 22,800° 21,400° 19,500°	100.0 110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0 200.0	33,900* 31,300* 28,900* 26,900*	140.0 150.0 170.0 180.0 190.0 200.0 210.0 220.0	27,900* 25,900* 22,700* 21,300* 19,600* 17,900* 16,300*	160.0 170.0 180.0 190.0 200.0 210.0 220.0 230.0	24,900** 23,200 21,300 19,600 18,200 16,700* 13,600*	200.0 210.0 220.0 230.0 240.0 250.0	16,100 14,700 13,700 12,700 11,700 10,700	220.0 230.0 240.0 260.0 260.0	11,500 10,600 9,700 8,900 8,300	76.0 80.0 85.0 90.0 95.0 100.0 120.0 140.0 150.0 160.0 170.0 180.0 200.0	34,300* 33,800* 33,300* 32,800* 32,300* 31,500* 29,200* 23,600* 22,100* 19,400* 10,700*	110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0 200.0 210.0	24,500*	140.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0 230.0	23,700* 22,000* 20,500* 19,400* 18,300*	170.0 180.0 190.0 200.0 210.0 220.0 240.0	21,200° 19,900° 18,700° 17,400° 16,000° 14,700° 13,300° 11,800°	200.0 210.0 220.0 240.0 250.0 260.0	15,600 14,500 13,300 12,300 11,300 10,500 9,500	230.0 240.0 260.0 260.0 270.0	10,30 9,400 8,60 7,80 7,20

Billion Color Region Color Reg	0.0 8: 2.0 8: 4.0 8: 6.0 8: 6.0 8: 6.0 8: 6.0 8: 6.0 7: 6.0 7:	Fated Load (lbs) 89,200* 89,200* 89,200* 89,200* 89,200* 89,200* 86,500* 86,500* 76,400*	60.0 65.0 70.0	Pated Load (lbs)	Load Padius	78 Rated Load	Load Radius	73 Rated Load	Load Padius	Rated Load	Load Padius	Rated	-		-	83		78		73	-		Load	Rated
March Cont	0.0 8:2.0 8:4.0 8:5.0 8:5.0 8:5.0 8:5.0 8:5.0 7:0.0 7:	Fated Load (lbs) 89,200* 89,200* 89,200* 89,200* 89,200* 89,200* 86,500* 86,500* 76,400*	60.0 65.0 70.0	Pated Load (lbs)	Radius	Rated Load	Load Radius	Rated Load	Load Padius	Rated Load	Load Padius	Rated	-		-	83					-		Load	Rate
10 10 10 10 10 10 10 10	70.0 8:2.0 8:4.0 8:5.0 8:5.0 8:5.0 8:5.0 7:00.0 7:0	(lbs) 89,200* 89,200* 89,200* 89,200* 89,200* 89,200* 86,600* 80,900* 76,400*	60.0 65.0 70.0	(lbs) 89,200*								LOSG							Load Radius				Hadius	Load
Boom Angle (deg.) Boom			80.0 86.0 90.0	85,100* 79,800* 74,300* 69,500* 65,100*	90.0 95.0 100.0	67,500 62,900 58,800 55,100	110.0	45,300	130.0	33,700	140.0		40.0 42.0 44.0 46.0 48.0 50.0 66.0 70.0 75.0 80.0 85.0	89,200* 89,200* 89,200* 89,200* 86,500* 81,100* 76,600* 70,900* 66,500* 62,300* 58,600*	70.0 75.0 80.0 85.0 90.0 95.0	79,900* 74,600* 69,700* 65,400* 61,600*	90.0 95.0 100.0	58,400 54,700	110.0 120.0	40,100	130.0 140.0	30,200	150.0	100
Related Load Refuse Lo						90 ft	t Jib		Reev	res 4	Reev	es 4	Reev	/es 4	Reev	res 4		100	oft Jib		Reev	res 4	Reev	es
Part	88	18		83			1	-		68		63		88		83	_		1			68		63
80.0 89,200°	oad dius	Rated Load	Radius	Rated Load	Radius	Rated Load	Load Radius	Rated Load	Load Padius	Pated Load	Load Padius	Rated Load	Load Radius	Rated Load	Load Radius	Rated Load	Load Padius	Pated Load	Load Padius	Rated Load	Load Radius	Rated Load	Load Radius	Rated
180.0 19.20	6.0 8: 8.0 8: 0.0 8: 5.0 8: 5.0 7: 0.0 7: 5.0 6: 0.0 6: 5.0 5: 0.0 6:	89,200* 89,200* 86,500* 81,100* 75,600* 70,900* 66,600* 62,600* 59,000*	75.0 80.0 85.0 90.0 95.0 100.0	85,100* 79,900* 74,600* 69,900* 66,700* 61,800* 58,200	95.0 100.0 110.0 120.0	54,300 48,100 43,000	120.0 130.0	39,800 35,900	140.0		160.0	22,600	46.0 48.0 50.0 55.0 60.0 65.0 75.0 80.0 85.0 95.0 100.0	89,200° 89,200° 86,500° 81,200° 75,800° 71,000° 66,700° 59,000° 56,800° 52,800° 60,100°	85.0 90.0 95.0 100.0 110.0	73,500° 69,000° 64,900° 61,200° 57,800° 51,900	95.0 100.0 110.0 120.0	64,000 47,800 42,800	120.0 130.0 140.0	39,800 35,900 32,600	140.0 150.0 160.0	29,600 26,800 24,600	160.0 170.0	22,6 (20,8)

Luffing Jib Lift Capacity

Counterweights: 200,650 lbs Carbody weights: 60,240 lbs 180' Boom 110 ft Jib 120 ft Jib Boom Angle (deg.) Boom Angle (deg.) 88 83 73 68 63 88 83 68 63 Load Padius Load Radius Rateo Load Padius Load Radius Load Radius Load Radius Load Radius Load Radius Load Padius Load Radius Radius Load (ft) (ft) (ft) 46.0 85,900 48.0 85,500 50.0 85,100 83,600* 73,100* 60.0 80,900 60.0 72,100* 65.0 75,600 65.0 70,800 68.900* 70.0 70.0 75.0 66,500* 75.0 78,400 75.0 65,700* 0.08 62,600* 80.0 73,300 80.0 61,900* 80.0 73,100 68.800 85.0 59.000 85.0 68.800 85.0 85.0 58,400* 64,700 90.0 55,800 90.0 64,700 90.0 55,300° 90,0 95.0 52,900* 95.0 61,100 95.0 52.500* 95.0 61.000* 100.0 60,200° 100.0 57,800* 100.0 53,600 100.0 49,900° 100.0 57,600 110.0 51,600 110.0 47,400 45,200* 110.0 51,400 110.0 47,600 45,200* 46,200 120.0 42,500 120.0 41,100* 46,000 1200 42,600 120.0 120.0 130.0 41,900 130.0 38,300 130.0 35,500 130.0 41,700 130.0 38,400 130.0 35,000 140.0 34,800 140.0 32,100 140.0 37,800 140.0 34,800 140.0 31,900 150.0 150.0 150.0 26,400 150.0 150.0 29,100 31,800 29,300 31,800 160.0 27,000 160.0 24,100 160.0 26,700 160.0 24,100 170.0 22,300 170.0 20,300 170.0 24,500 170.0 22,300 180.0 18,700 180.0 20,500 180.0 18,300 190.0 17,200 190.0 19,000 190.0 17,000 200.0 15,600 Reeves 4 Ree 180' Boom 130 ft Jb 140ft Jib Boom Angle (deg.) Boom Angle (deg.) 88 83 68 63 88 83 Rated Rated Rated Rated Pated Rateo Pated Rateo Pateo Rateo Rated Load Load Load (ft) Ilbs (ft) (lbs (ft) 69,500 59,500 60.0 60.0 59,500 65.0 59,500 65.0 59,500" 70.0 59,500* 59,500* 75.0 75.0 69,500 59,500° 80.0 59 2001 80.0 59,500 80.0 59.200* 69,600 85.0 58,200° 85.0 85.0 58,200* 90.0 55,300 90.0 59,500 55,300* 90.0 59,500* 52.500" 69,100 52.500° 96.0 59,100 95.0 95.0 95.0 100.0 49,900* 57,500 100.0 49.900* 100.0 57,500 100.0 47,100 110,0 45,200° 110.0 51,200 110.0 45,200* 110.0 50,900 120.0 41,100* 120.0 45,800 120.0 42,100 41,100 120.0 45,600 120.0 41,900 130.0 37,400 41,300 130.0 37,900 130.0 37,600 130 0 41,200 130.0 37,900 130.0 37.600 140.0 140.0 140.0 140.0 34,600 140.0 31,500 140.0 34,600* 37,600 34,300 140.0 31,200 34,400 150.0 150.0 150.0 31,500 150.0 28,600 34,200 150.0 31,300 28,600 160.0 28,900 160.0 26,300 160.0 23,700 31,500 160.0 28,900 160.0 26,100 170.0 170.0 26,700 170.0 24,300 170.0 21,900 170.0 26,500 170.0 24,100 21,700 180.0 22,400 180.0 20.200 180.0 17,900 180.0 22.200 180.0 20,000 190.0 18,700 190.0 16,300 190.0 20,700 190,0 18,500 190,0 16,100 200.0 17,200 200.0 14,800 200.0 15,100 13,600 210.0 13,800 210.0 12,600 220.0

Reeves 2 Ree

Reeves 2 Reeves

					150 f	t Jib											160	ft Jib	Y				
				B	oom Ang	gle (de	eg.)									, , , , ,	Boom A	ngle (deg.)				
	88		83		78		73		68		63		88	1	83		78	-	73	1	68		63
pad adius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Fadius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ff)	Pated Load (lbs)	Load Padius (ft)	Rated Load (lbs)
60.0 70.0 75.0 80.0 85.0 90.0 90.0 10.0 10.0 30.0 40.0 50.0	54,300° 63,800° 53,300° 62,800° 51,600° 49,600° 44,900° 41,100° 37,600°	90.0 95.0 100.0 110.0 120.0 140.0 150.0 170.0	54,500 64,000 50,700 46,400 40,800 37,100 34,000 31,200	120.0 130,0 140.0 150.0 160.0 170.0 190.0	41,600 37,400 33,900 31,100 28,500 26,100 24,300 22,500	150.0 160.0 170.0 180.0 190.0 200.0	28,200 25,800 23,700 22,000 20,300 18,900	180.0 190.0 200.0 210.0	19,500 18,100 16,700 15,400	200.0 210.0 220.0	14,300 13,200 12,200	60.0 65.0 70.0 75.0 80.0 85.0 95.0 100.0 110.0 120.0 130.0 140.0	50,600° 50,100° 49,600° 49,000° 48,600° 47,000° 47,000° 46,200° 43,000° 37,000° 34,000° 31,500° 29,000°	95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0	49,500* 49,000* 47,900* 45,000 41,000 37,300 34,000 31,200 28,800 26,700	120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	41,700 37,500 34,100 31,100 28,500 26,300 24,300 22,500	150.0 160.0 170.0 180.0 190.0 200.0	28,200 25,800 23,700 22,000 20,300 18,900	180.0 190.0 200.0 210.0 220.0	19,600 18,100 16,700 15,400 14,400	200.0 210.0 220.0 230.0 240.0	14,3(13,2(12,2(10,4(
					10.1																		
Ree	/es 2 180'		ves 2		/es 2	t Jib		Reev	ves 2	Reev	res 2	Reev	es 2	Reev	/es 2			oft Jib		Reev	es 2	Reev	es 1
Ree	180		om		170 f	t Jib	eg.)			Reev							180 Boom A	oft Jib	deg.)				
	180'	Вос	om 83	B	170 f com Ang 78	t Jib gle (de	eg.) 73		68		63		88		83		180 Boom A 78	ft Jib ngle (deg.) 73		68		63
Ree	180		83 Rated		170 f	t Jib	eg.)			Raev Load Radius (ft)							180 Boom A	oft Jib	ideg.) 73 Reted				

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

					1901	t Jib												ft Jib	_				
				Bo	oom An	gle (de	eg.)									- 1	Boom A	ngle (deg.)	,			
	88	-	83		78	1	73	-	68	-	63	-	88	-	83	-	78	-	73	-	68		63
oad adius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Load (lbs)
75.0 80.0 85.0 90.0 96.0 00.0 10.0 20.0 30.0 40.0 60.0 70.0 80.0 90.0	24,100° 22,700° 21,200° 18,000°	110.0	33,700° 31,300° 28,900° 26,800° 25,000° 23,400° 21,900° 19,000°	140.0 150.0 160.0 170.0 180.0 200.0 210.0 220.0	27,900* 25,900* 24,200* 22,500* 21,000* 19,200* 16,000* 14,400*	170.0 180.0 190.0 200.0 210.0 230.0 240.0	22,600 20,600 19,200 17,600 16,300 14,800*	200.0 210.0 220.0 230.0 240.0 260.0	15,200 14,100 12,800 11,800 10,900 10,000	220.0 230.0 240.0 260.0	10,600 9,600 8,800 8,100 7,400	76.0 86.0 90.0 96.0 110.0 120.0 130.0 140.0 150.0 170.0 190.0 200.0	33,500° 33,200° 32,800° 32,500° 31,300° 25,900° 25,100° 23,400° 21,900° 20,600° 19,400° 12,400° 9,400°	110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 200.0 210.0 220.0	26,200* 24,300* 22,800*	140.0 150.0 160.0 170.0 180.0 200.0 210.0 220.0 230.0	25,300° 23,500° 21,900° 20,600° 19,200° 16,900° 16,900° 14,000° 12,700°	170.0 180.0 190.0 200.0 210.0 230.0 240.0	21,000° 19,600° 18,500° 16,900° 15,600° 14,300° 11,600°	200.0 210.0 220.0 230.0 240.0 250.0 260.0	14,700 13,600 12,400 10,600 9,600 8,900	230.0 240.0 250.0 260.0 270.0 280.0	9,20 8,40 7,60 7,00 6,30 5,60

oad adius (ft)	38			-	1777																		
oad adius (ft)	38			B	oom Ang	gle (de	g.)									, - Ju	Boom A	ngle (deg.)				
adius (ft)	-		83		78		73		68		63	-	88	-	83	-	78	-	73	-	68	-	63
	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Fadius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pater Load (lbs)
2.0 8 4.0 8 6.0 8 8.0 8 6.0 7 0.0 7 6.0 7 6.0 7	88,800° 87,400° 86,000° 84,500° 82,500° 82,500° 76,000° 71,700° 66,700° 62,400°	60.0 65.0 70.0 75.0 80.0 85.0 90.0	88,200* 82,800* 76,900* 71,400* 66,500* 62,000* 58,000* 64,400*	90.0 9 5.0 100.0 110.0	62,200 68,200 54,400 48,200	110.0 120.0 130.0	44,400 39,800 35,900	130.0 140.0	33,000 29,800			40.0 42.0 44.0 46.0 48.0 50.0 66.0 70.0 75.0 80.0 90.0	88,800° 87,300° 86,800° 84,300° 82,400° 80,400° 76,000° 66,900° 62,600° 55,100° 51,700° 48,700°	70.0 75.0 80.0 85.0 90.0 96.0 100.0	70,200° 65,500° 61,300° 57,500°	90.0 96.0 100.0 110.0	61,800 67,700 54,000 47,800 42,800	120.0	39,800 36,900	140.0 1 50.0	29,300 26,800	160.0 170.0	22,52 20,80
	190'		es 4		90 ft	Jib	es 4	Reev	/es 4	Reev	/es 4	Reev	res 4	Reev	/es 4		100	oft Jib		Reev	es 4	Reev	es /
	20		00	Bo	oom Ang	-	_		co	1	00		00		00		Boom A	-			no		00
oad o	88 Rated	Load	83 Rated	Load	78 Rated	Load	73 Rated	Load	68 Rated	Load	63 Rated	Load	88 Rated	Load	83 Rated	Load	78 Pated		73 Rated	Load	68 Rated	Load	63 Rated
adius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Padius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Load Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)	Radius (ft)	Load (lbs)
8.0 8 0.0 8 5.0 7 0.0 6 0.0 6 5.0 6 0.0 6 5.0 6 0.0 6 5.0 6 0.0 6 0.	86,900* 84,400* 81,800* 75,900* 70,600* 65,800* 61,700* 57,900* 64,600* 46,000*	75.0 80.0 85.0 90.0 95.0 100.0	65,500° 61,300° 57,500 ° 54,200°	95.0 100.0 110.0 120.0 130.0	54,000 47,800 42,800	120.0 130.0 140.0 150.0	39,300 35,500 32,100 29,300	140.0 150.0 160.0	29,300 26,700 24,600	1 60.0 170.0	22,000 20,300	60.0 65.0	81,600° 75,700° 70,500° 65,800° 61,800° 58,100° 54,700° 51,500° 48,800° 46,200° 43,800°	80.0 85.0 90.0	45,900*	100.0 110.0 120.0 130.0 140.0	63,600 47,600 42,600 38,500 36,000	120.0 130.0 140.0 150.0	31,900	150.0 160.0 170.0	26,400 24,100 22,300	170.0 180.0 190.0	19.90 18,30

Luffing Jib Lift Capacity

Counterweights: 200,650 lbs Carbody weights: 60,240 lbs 190' Boom 110ft Jib 120 ft Jb Boom Angle (deg.) Boom Angle (deg.) 88 83 68 63 83 68 63 73 Load Radius Load Padius Rated Pateo Load Radius Rateo Load Radius Load Radius Load Radius Pateo Rated Load Radius Pated Load Radius Load Radius Load Radius Rated Load Radius Load (ft) (ft) (ft) (ft) 46.0 81,900 48.0 80,800 50.0 79,600 55.0 75,500* 59,500* 60.0 70,300 60.0 59.500 65.0 65,800* 65.0 59,500 70.0 69,600* 61,700 70.0 75.0 57.900 75.0 69,700 75.0 57,700* 80.0 54,500* 80.0 65,200 80.0 54,500* 0.08 69,500 85.0 61,100* 51,500* 85.0 85.0 85.0 59.500 51.500* 90.0 48,800 90.0 57,500 90.0 48,600 90.0 56,900° 95.0 46,200* 95.0 54.200 95.0 46,100* 95.0 54.000* 100,0 43,800 100.0 61,100* 100.0 53,200 100.0 43,800* 100.0 51,100° 110.0 45,900* 110.0 47,100 39,600* 110.0 45,700* 110.0 46,900 39,600 41,900 120.0 120.0 35.900* 120.0 41,300 120.0 120.0 41.300 42,300 130.0 37,400 130.0 38,100 130.0 34,800 32,600* 130.0 37,400° 130.0 37,900 140.0 34,600 140.0 31,500 140.0 34,000* 140.0 34,300 140.0 31,200 150.0 150.0 31,300 31,700 28.800 150.0 150.0 28,400 160.0 26,300 160.0 23,700 160.0 28,900 160.0 26,100 160.0 23,500 170.0 170.0 24,300 21,900 170.0 24,100 170.0 21,500 180.0 20,200 180.0 17,800 180.0 19,900 180.0 17,400 190.0 16,300 190.0 18,300 190.0 15,900 200.0 14,700 Reeves 4 Reeves 4 Reeves 4 Reeves 4 Reeves 4 Reeves 4 Reeves 2 Reeves 3 Ree 190' Boom 130 ft Jib 140ft Jib Boom Angle (deg., Boom Angle (deg.) 83 88 83 63 Pateo Rated Rateo Rated Pateo Rateo Refer Rateo Rated Rated Load Load (ft) (lbs) (ft) (lbs (ft) (lbs) 55.0 59,500 60.0 59.500 59,500 60.0 65.0 59,500° 65.0 59,500* 70.0 59,500* 59,500* 75.0 57,600 75.0 57,600* 80:0 54.300* 80.0 59,500 80.0 54.300 69,500 51,300 86.0 51,300 85.0 85.0 90.0 48,600* 90.0 56,800 48,600* 90.0 56,800 46,000 53.800 46.000" 95.0 53.800* 95.0 96.0 95.0 50,900* 100.0 43.500* 100.0 50.900 100.0 43.600* 100.0 39,500* 45,700° 110,0 39,500* 110.0 45,700 120.0 35,900[×] 120.0 41,300* 120.0 41,500 120.0 35,900* 120.0 41,300* 120.0 41,500 130.0 32,700 130.0 37,400 130.0 130.0 32,700* 1300 130.0 37,300 37,500 37,400 140.0 140.0 34.100 140.0 30,000* 140.0 140.0 33,900 34.000 140.0 30.800 34.100* 140.0 30.600 27,900 150.0 31,100 150,0 31,100 150.0 28,000 31,300* 150.0 30,900 150.0 160.0 28,500 160.0 25,700 160.0 23,000 28,600° 160.0 28,500 160.0 25,600 21,200 170.0 170.0 170.0 26,300 170.0 23,700 170.0 170.0 26,100 23,400 21,000 19 500 180.0 22,000 180.0 180.0 24.200 180.0 21,700 180.0 19300 190.0 20,300 190,0 18,100 190.0 15,400 190.0 20,100 190.0 17,800 200.0 200.0 16,500 200.0 14,000 200.0 16,700 14,200 210.0 13,000 210.0 13,200 11,900 220.0

Reeves 2 Reeves

					150 f	t Jib											160	ft Jib	(1				
				В	oom Ang	gle (de	eg.)										Boom A	ngle (deg.)				
	88		83		78		73		68		63		88	Ling	83		78	1	73		68	J. J.	63
oad adius (ft)	Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Padius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Fadius (ft)	Pated Load (lbs)	Load Padius (ft)	Rate Load (lbs)
60.0 70.0 75.0 80.0 85.0 90.0 95.0 00.0 10.0 20.0 30.0 40.0	53,900* 53,400* 52,900* 52,400* 51,800* 50,900* 48,400* 45,800* 39,300* 35,800* 27,700* 27,500*	90.0 95.0 100.0 110.0 120.0 130.0 140.0 150.0 170.0	51,600* 49,400* 44,300* 40,300* 36,700* 33,500* 30,800* 28,200*	120.0 130.0 140.0 150.0 160.0 170.0 180.0	41,000 36,800 33,500 30,600 28,000 25,900 23,800 22,000	150.0 160.0 170.0 180.0 190.0 200.0	27,900 25,600 23,400 21,700 20,100 18,700	180.0 190.0 200.0 210.0 220.0	18,900 17,400 16,100 14,700 13,700	200.0 210.0 220.0 230.0	13,900 12,700 11,700 10,900	60.0 70.0 75.0 80.0 85.0 90.0 90.0 110.0 120.0 130.0 140.0 160.0	49,000° 48,500° 48,500° 47,500° 47,500° 46,500° 46,500° 42,500° 38,400° 35,100° 32,200° 27,300° 25,000°	95.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0	47,900° 47,300° 44,300° 40,000° 36,500° 33,300° 28,200° 25,900° 23,800°	120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	41,000 37,000 33,600 30,600 28,000 25,900 23,900 22,300	160.0 170.0 180.0 190.0 200.0 210.0	25,200 23,200 21,300 19,800 18,300 17,100	180.0 190.0 200.0 210.0 220.0	18,900 17,400 16,100 14,700 13,700	210.0 220.0 230.0 240.0	12,31 11,3 10,5 9,60
								1 1		11111													
Reev	/es 2 190		ves 2		/es 2	t Jib	/es 2	Reev	/es 2	Reev	es 2	Reev	es 2	Reev	/es 2			oft Jib		Reev	/es 2	Paev	es
Reav	190'		om		170 f	t Jib	eg.)	Reev		Reev							180 Boom A	oft Jib	deg.)				
					170 f	t Jib		Reev	/es 2	Reev	63 Fated		88		/es 2 83		180	oft Jib			/es 2		es
oad edius (ft)	190°	Boo	83 Rated	В	170 f com Ang 78	t Jib gle (de	eg.) 73		68		63		88		83 Rated		180 Boom A 78	oft Jib	deg.) 73		68		63

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

					1901	t Jib											200	oft Jib					
				Bo	oom An	gle (de	eg.)								-	1	Boom A	ngle (deg.)	,			
	88	1	83	-	78	_	73		68		63	-	88		83	_	78		73		68	-	63
Load adius (ft)	Pated Load (lbs)	Load Padius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)
76.0 80.0 85.0 90.0 95.0 00.0 10.0 20.0 30.0 40.0 60.0 70.0 80.0	35,900° 35,600° 35,600° 34,900° 34,100° 32,100° 29,800° 25,800° 24,100° 22,500° 16,400° 13,300°	110.0 120.0 130.0 140.0 160.0 170.0 180.0 190.0 200.0	31,000* 28,900*	150.0 160.0	27,700* 25,900* 24,000* 22,500* 19,000* 17,500* 14,100*	170.0 180.0 190.0 200.0 210.0 220.0 240.0	21,900 20,200 18,600 17,200 16,800 14,500* 11,600*	200.0 210.0 220.0 230.0 240.0 260.0 260.0	14,500 13,200 12,200 11,200 10,300 9,400 8,700	230.0 240.0 250.0 260.0 270.0	8,700 8,100 7,400 6,700 6,100	75.0 80.0 85.0 90.0 95.0 100.0 110.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0	32,600° 32,300° 31,900° 31,600° 31,600° 30,800° 29,900° 26,900° 21,900° 21,900° 18,000° 14,400° 11,100° 8,100°	110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0 210.0 220.0	28,200* 26,000* 24,300* 22,600* 21,200* 19,900* 18,600*	140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0 230.0	23,600* 21,900* 20,300* 19,200* 18,100* 16,800*	180.0 190.0 200.0 210.0 220.0 240.0 250.0	19,500* 18,100* 16,700* 15,400* 14,000* 11,300*	210.0 220.0 230.0 240.0 260.0	12,700 11,700 10,700 9,900 9,100 8,300	230.0 240.0 250.0 260.0	8,50 7,60 7,00 6,30

					1001	t Jib												oft Jib					
				B	oom An	gle (de			-	P						_	Boom A	1		_		_	
oad idius	Rated Load	Load Radius	Rated Load	Load Radius	78 Rated Load	Load Radius	73 Rated Load	Load Radius	68 Rated Load	Load Radius	Rated Load	Load Radius	Rated Load	Load Radius	Rated Load	Load Padius	78 Rated Load	Load Radius	73 Rated Load	Load Padius	Rated Load	Load Padius	63 Rated Load
(7) 46.0 48.0 55.0 60.0 75.0 65.0 75.0 85.0 90.0 90.0 10.0	(lbs) 77,000° 74,700° 72,600° 67,200° 62,400° 58,200° 48,200° 45,500° 45,500° 40,700° 38,600° 34,700°	75.0 80.0 85.0 90.0 100.0 110.0	58,300* 54,400* 51,200* 48,200* 45,500* 40,600*	100.0 110.0 120.0 130.0 140.0	53,000 46,900 41,900 37,900 34,500	130.0 140.0 160.0	34,300 31,100 28,400 26,000	150.0 160.0 170.0	25,500 23,300 21,400	180.0 190.0	17,200 15,700	48.0 60.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0	(bs) 59,500* 59,500* 59,500* 59,500* 59,500* 59,700* 64,400* 51,100* 48,000* 42,800* 40,500* 38,400* 34,700*	80.0 85.0 90.0 100.0 110.0 130.0	52,600* 49,600* 46,800* 44,200*	110.0 120.0 130.0 140.0	46,500 41,600 37,400 31,100	130.0 140.0 150.0 160.0 170.0	34,100 31,000 28,400 26,000 23,900	160.0 170.0 180.0	22,800 21,000 19,400 17,900	180.0 190.0 200.0	17,00 15,60 14,40
Reev	/es 4 200			Reev	1201	-		Reev	/es 4	Reev	ves 4	Reeve	es 2	Reev	ves 2	Reev	130	Reev		Reev	ves 2	Reev	res :
Reev						t Jib	eg.)		/es 4				es 2		ves 2		130 Boom A	oft Jib			/es 2		63
oad.	200' 88 Rated	Boo	83 Rated	Bx Load	1201 oom An	ft Jib gle (de	eg.) 73 Rated	Load	68 Rated	Load	63 Rafed	Load	88 Rated	Load	83 Rated	Load	130 Boom A 78 Rated	oft Jib	deg.) 73 Rated	Load	68 Rated	Load	63 Ratec
oad adius (ft)	200 '	Вос	om 83	B	120 t oom An	ft Jib gle (de	eg.) 73		68		63	Load Radius (ft)	88		83		130 Boom A 78	Oft Jib ngle (deg.) 73		68		63

Luffing Jib Lift Capacity

Counterweights: 200,650 lbs Carbody weights: 60,240 lbs 200' Boom 140 ft Jib 150 ft Jib Boom Angle (deg.) Boom Angle (deg.) 88 83 68 63 88 83 68 63 73 Rated Load Radius Load Radius Load Radius Load Padius Rated Load Radius Rated Load Radius Rated Load Padius Load Radius Rated Load Radius Load Radius Rated Load (ft) (ft) (ft) 60.0 57,000 60.0 51,900 65.0 56,600* 65.0 51,400 53,800 70.0 50,900° 70.0 75.0 50,700* 75.0 49,500* 80.0 47,700 80.0 47,300 85.0 44,900 85.0 44,600 90.0 49,100 42.500 42,300 90.0 90.0 95.0 40.200 95.0 46,300 95.0 40,000* 95.0 45,000 100.0 38,200* 100.0 43,700 100,0 37,900* 100.0 43,500* 39,400 110.0 34.500 110.0 110.0 110.0 34.300 39,200 120.0 31,300 120.0 35,500° 120.0 40,800 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 26.100° 29,400° 140.0 33,200 140.0 25,900* 140.0 29,200* 140.0 32,800 140.0 140.0 150.0 150.0 26,900* 150.0 30,400 150.0 27,500 150.0 23,700* 150.0 26,800* 150.0 30,000 160.0 24,700° 160.0 160.0 27,800 25,200 160 0 24,600° 160.0 27,600 160.0 24.800 170.0 25,600 170.0 23,200 170.0 22,600* 170.0 25,200 170.0 22,800 17,900 180.0 23,600 180.0 21,600 180.0 18,400 180.0 23,400 180.0 21,100 180.0 17,000 190.0 190.0 190.0 19,400 190.0 16,300 19,800 21,600 190.0 15,600 200.0 13,300 200.0 18,000 200.0 15,100 210.0 14,300 210.0 12,300 210.0 13,800 210.0 11,600 220.0 11,300 220.0 12,800 220.0 10,700 230.0 9,800 240.0 9,200 Reeves 2 Ree 200' Boom 160 ft Jib 170 ft Jib Boom Angle (deg.) Boom Angle (deg.) 63 83 Rates Pate: Rates Rated Rate Rateo Rated Rate Rateo Rated Rateo Load Load (lbs) (lbs) (lbs) (R) (ft) (ft) (ft) Ilbs 70.0 46,200 70.0 42.300 45,700 75.0 41,800 75.0 80.0 45,000 80.0 41,300* 85.0 43.500 85.0 40,800 90.0 41,200 90.0 39,200 45,400* 95.0 39,000* 95.0 95.0 37.400 100.0 37,100° 100.0 43,300° 100.0 35,600* 100.0 40,400 33,500* 110.0 38,900* 110.0 32,400* 110.0 36,700* 30,500* 35.000 120.0 120.0 33,300 120.0 120.0 29,500* 130.0 27,800* 130.0 31,800 130.0 36,400 27,100* 130.0 30,300 130.0 32,900 140.0 140.0 140.0 30,300* 140.0 25,700* 140.0 29,100* 33,000 25,100" 140.0 27,900* 27,900* 150.0 23,500* 150.0 26,600 150.0 30,200 150.0 23,100 150.0 25.500 150.0 160.0 21,600 160.0 24,400° 160.0 27,600 160.0 24,500 21,300* 160.0 23,500* 160.0 25,700* 160.0 23,800 170.0 22.300* 170.0 25,200 170.0 77,500 170.0 20,100* 170.0 21.700* 170.0 23,500* 170.0 21,900 180.0 20,600° 180.0 23,200 180.0 20,700 180.0 20,100* 180.0 21,400* 180.0 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 15.200 200.0 17,500° 200,0 17,200 200.0 14,300 13,800 11,200 15,800 13,000 210.0 16,500 210.0 210.0 210.0 12,800 220.0 14,600 11,900 220.0 9.400 220.0 220.0 10,400 220.0 230.0 11,800 230.0 9,400 230.0 11,000 230.0 8,500 240.0 8,700 240.0 10,200 240.0 7.900 250.0 7.200 260.0 6,500

Reeves 2 Reeves 2 Reeves 2 Reeves 2 Reeves

Reeves 2

Reeves 2 Reeves 2 Reeves 2

				-		t Jib	177					1						oft Jib					
_	00		83	B	om Ang	gle (de			68	ř.	63		00		00	1	Boom A	T		1	00		00
Load ladius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	78 Rated Load (lbs)	Load Radius (ft)	Pated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	78 Rated Load (lbs)	Load Radius (ft)	73 Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	63 Pates Load (lbs)
100.0 120.0 130.0 140.0 150.0 160.0	38,600* 38,000* 37,600* 37,000* 36,600* 35,600* 34,300* 28,700* 26,500* 24,600* 22,600* 21,000* 19,700*	110.0 120.0 130.0 140.0	31,600* 28,900* 26,600* 24,600* 22,700*	140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0	29,000° 26,800° 24,800° 21,000° 19,200° 17,300° 15,600° 14,200°	170.0 180.0 190.0 200.0 210.0 230.0	21,700 20,000 18,300 16,900 15,600 14,500 13,300*	200.0 210.0 220.0 230.0 240.0	14,100 12,700 11,700 10,700 9,900 9,200	230.0 240.0 250.0	8,300 7,600 7,000	75.0 80.0 85.0 90.0 95.0 110.0 120.0 130.0 140.0 170.0 180.0 190.0	34,500*	110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0 200.0 210.0	29,700° 27,500° 26,300° 23,700° 21,900° 20,300° 19,200° 18,100° 15,400°	140.0 150.0 160.0 170.0 180.0 200.0 210.0 220.0	27,700° 25,700° 23,900° 22,100° 20,400° 17,100° 15,600° 13,900°	180.0 190.0 200.0 210.0 220.0 230.0 240.0	19,500 17,900 16,600 15,200 14,000 12,700* 11,300*	200.0 210.0 220.0 230.0 240.0 250.0	13,500 12,300 11,300 10,300 9,500 8,700	230.0 240.0 250.0	7,90 7,20 6,30
								250.0	9,200	260.0	6,300									260.0	8,100		7/2.5
Reev	es 2 200'		ves 2		200 f	_				100 C 100 C	6,300	Reev	ves 2	Reev	ves 2	Reev	es 2	Reev	ves 2	Reev	8,100	Reev	
						t Jib		Reev		260.0	6,300	Reev	/es 2	Reev	ves 2	Reev	es 2	Reev	res 2		8,100	Reevo	
	200'		om		200 f	t Jib	eg.)	Reev	res 2	260.0	6,300 ves 2	Reev	ves 2	Reev	ves 2	Reev	es 2	Reev	es 2		8,100	Reeve	

CK2750G-3

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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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