

KOBELCO

Hydraulic Crawler Crane

CK2000G-3

Max. Lifting Capacity - Crane : 200 US Tons
Max. Crane Boom Length : 280 ft
Max. Fixed Jib Combination : 240 ft + 100 ft

Max. Lifting Capacity - Luffing : 107,100 lbs
Max. Luffing Boom Length : 180 ft
Max. Luffing Jib Length : 170 ft



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SPECIFICATIONS

General Description

Type :

Heavy boom (option)

[165,900 lbs (75,200 kg) counterweight and 66,100 lbs (30,000 kg) carbody weight]

Maximum lift capacity 400,000 lbs @ 12.3' operating radius (40' heavy boom)

Basic boom length 40' (12.2 m)

Maximum boom length 40' (12.2 m)

Crane boom

[165,900 lbs (75,200 kg) counterweight and 66,100 lbs (30,000 kg) carbody weight]

Maximum lift capacity 352,800 lbs @ 14.3' operating radius (50' boom)

Basic boom length 50' (15.2 m)

Maximum boom length 280' (85.3 m)

Crane (luffing boom tip)

[165,900 lbs (75,200 kg) counterweight and 66,100 lbs (30,000 kg) carbody weight]

Maximum lift capacity 176,000 lbs @ 20.3' operating radius (70' boom)

Basic boom length 70' (21.3 m)

Maximum boom length 180' (54.9 m)

Standard fixed jib

[165,900 lbs (75,200 kg) counterweight and 66,100 lbs (30,000 kg) carbody weight]

Maximum lift capacity 59,000 lbs @ 50.0' operating radius (190' boom + 40' jib)

Basic boom & jib length 90' + 40' (27.4 m + 12.2 m)

Maximum boom & jib length 240' + 100' (73.2 m + 30.5 m)

*Working weight*1* Approx. 439,385 lbs (199.3 t)

*Average ground pressure*1* Approx. 14.59 psi (100.6 kPa)

Gradeability 30% (16.7 deg.)

*1 Including base machine, counterweights : 165,900 lbs (75,200 kg), carbody weights : 66,100 lbs (30,000 kg), counterweight self removal device, 50' (15.2 m) standard boom.

SPECIFICATIONS

General Dimensions

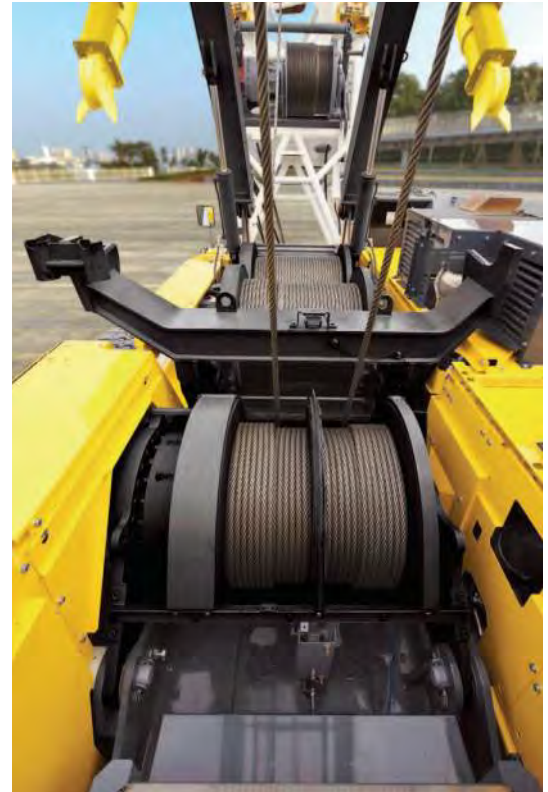
<i>Height to top of cab</i>	12' 2" (3,710 mm)
<i>Width of upper machine with operator's cab</i>	9' 10" (2,990 mm)
<i>Radius of rear end (counterweights)</i>	19' 8" (6,000 mm)
<i>Counterweight ground clearance</i>	4' 10" (1,475 mm)
<i>Center of rotation to boom foot pin</i>	4' 7" (1,400 mm)
<i>Height from ground to boom foot pin</i>	8' 3" (2,510 mm)
<i>Overall length of crawlers</i>	27' 6" (8,395 mm)
<i>Overall width of crawlers</i>	22' 9" (6,930 mm)
<i>Center to center of tumblers</i>	23' 12" (7,300 mm)
<i>Shoe width</i>	4' 4" (1,330 mm)
<i>Ground clearance of carbody</i>	1' 5" (440 mm)



Working Speed

<i>Hoist line speed (front and rear drums)</i>	361 to 10 ft/min (110 to 3 m/min)
<i>Lowering line speed (front and rear drums)</i>	361 to 10 ft/min (110 to 3 m/min)
<i>Boom hoist line speed</i>	86 to 6.6 ft/min (26 to 2 m/min × 2)
<i>Boom lowering line speed</i>	86 to 6.6 ft/min (26 to 2 m/min × 2)
<i>Third hoisting rope speed</i>	168 to 18 ft/min (51 to 5.6 m/min)
<i>Third lowering rope speed</i>	168 to 18 ft/min (51 to 5.6 m/min)
<i>Swing speed (max.)</i>	2.2 rpm (2.2 min ⁻¹)
<i>Travel speed (high/low)</i>	0.62/0.37 mph (1.0/0.6 km/h)

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



SPECIFICATIONS

Upper Machinery

Power Plant :

<i>Diesel engine - make and model</i>	ISUZU 6UZ1 (Tier4 Final)
<i>No. of cylinders</i>	6 cylinders
<i>Bore × stroke</i>	120 mm × 145 mm
<i>Cycles</i>	4 cycles
<i>Total displacement</i>	600 cu.in. (9.839 L)
<i>Rated output SAE GROSS</i>	362 HP / 2,000 rpm (270 kW / 2,000 min ⁻¹)
<i>Maximum torque</i>	1,058 lbf·ft / 1,500 rpm (1,435 N·m / 1,500 min ⁻¹)
<i>Starter</i>	24 Volts / 5.5 kW
<i>Alternator</i>	24 Volts / 90 Amp
<i>Batteries</i>	Two 12 volt, 136 AH/5 HR capacity series connected.
<i>Radiator</i>	Corrugated type core, thermostatically controlled, with cleanout screen.
<i>Throttle</i>	Twist grip type hand throttle, electrically controlled, in conjunction with floor mounted pedal.
<i>Air cleaner</i>	Dry type with replaceable paper element.
<i>Fuel tank capacity</i>	106 US gal. (400 L)
<i>Lube oil filters</i>	Full flow and by-pass type with element cartridge type.
<i>Fuel filter</i>	Replaceable cartridge element.

Hydraulic pumps :

<i>Load hoist and propel</i>	2 piston pumps, max. flow rate 69.5 US gal/min × 2 (263 L/min × 2)
<i>Boom hoist</i>	1 piston pump, max. flow rate 89.4 US gal/min (339 L/min)
<i>Swing</i>	1 piston pump, max. flow rate 89.4 US gal/min (339 L/min)
<i>Control system and auxiliary</i>	2 gear pumps, max. flow rate 17 US + 11 US gal/min (63 + 41 L/min)
<i>Brake cooling system(optional for free fall winch)</i>	2 gear type pumps, max. flow rate 20 US gal/min × 2 (75 L/min × 2)

Counterweight and Carbody weight :

<i>Counterweight Base</i>	25,610 lbs (11,600 kg) × 1
<i>Counterweight (R)</i>	11,700 lbs (5,300 kg) × 6
<i>Counterweight (L)</i>	11,700 lbs (5,300 kg) × 6
<i>Total Counterweight</i>	165,900 lbs (75,200 kg)
<i>Carbody weight A</i>	21,350 lbs (9,700 kg) × 2
<i>Carbody weight B</i>	11,700 lbs (5,300 kg) × 2
<i>Total Carbody weight</i>	66,100 lbs (30,000 kg)



Self Lifting Device - Standard Equipment

SPECIFICATIONS

Electric system :

All wiring color coded for easy servicing, individual fused branch circuits.

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)

Backstop :

The backstops can be raised and lowered by the hydraulic cylinders provided as standard.



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.

SPECIFICATIONS

Drums :

Powered by hydraulic variable displacement motors, driven through planetary reducers.

Negative brake

A spring-set, hydraulically released multiple disc brake and a safety spooled load control counter - balance valve are mounted on the hoist motor.

Drum lock

External ratchet for locking drum

Front drum (non free fall)

Max. line pull (1st layer) 57,100 lbf (254 kN)

Rated line pull (all layers) 29,500 lbf (131 kN)

618 mm P.C.D × 864 mm Lg., grooved for 26 mm dia. wire rope. Spooling capacity is 1,679 ft (512 m) storage length.

Rear drum (non free fall)

Max. line pull (1st layer) 57,100 lbf (254 kN)

Rated line pull (all layers) 29,500 lbf (131 kN)

544 mm P.C.D × 864 mm Lg., grooved for 26 mm dia. wire rope. Spooling capacity is 1,679 ft (512 m) storage length.

Free fall function (optional)

Maximum line pull (1st layer) 56,700 lbf (252 kN)

Rated line pull (all layers) 29,500 lbf (131 kN)

Boom drum

Double drum, grooved for 22 mm wire rope.

Third drum (optional)

Max. line pull (1st layer) 37,600 lbf (167 kN)

Rated line pull (all layers) 20,000 lbf (88 kN)

462 mm P.C.D × 520 mm Lg., grooved for 22 mm dia. wire rope. Spooling capacity is 912 ft (278 m) storage length.

Luffing jib drum (optional)

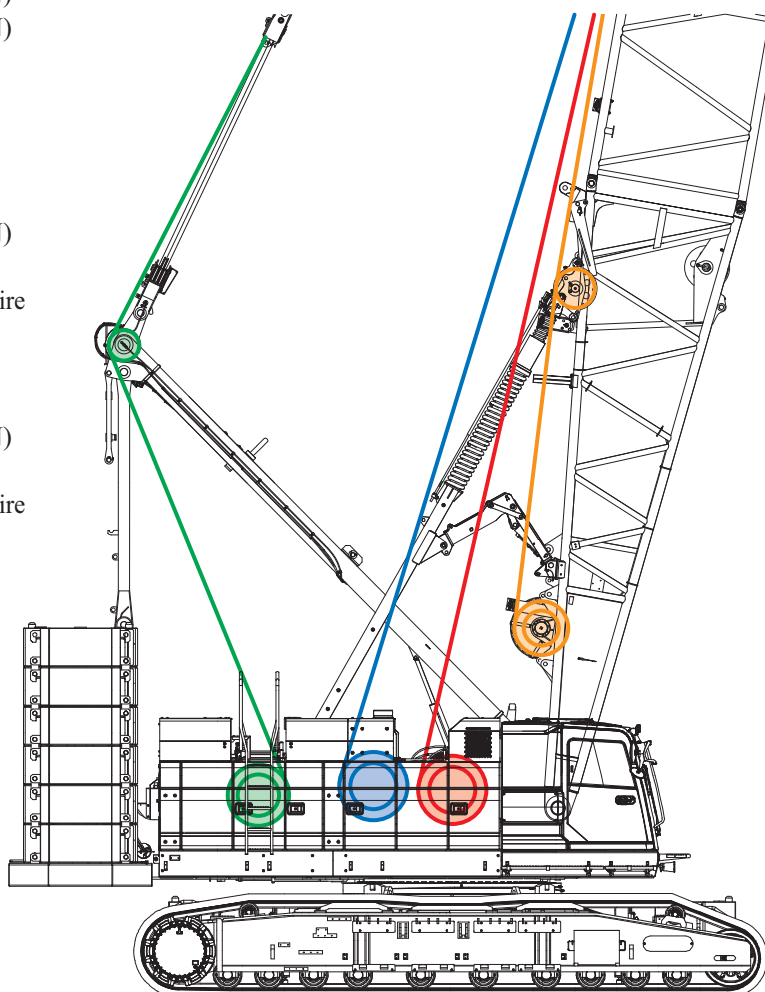
Max. line pull (1st layer) 37,600 lbf (167 kN)

Rated line pull (all layers) 20,000 lbf (88 kN)

462 mm P.C.D × 520 mm Lg., grooved for 22 mm dia. wire rope. Spooling capacity is 607 ft (185 m) storage length.



View towards the front of the machine : Front, Rear and Boom drums



SPECIFICATIONS

Lower Machinery

Carbody frame :

High-tensile steel welded axle in constructed frame.

Translifters :

The function allows quick and easy crawler frame removal and trailer loading. The swing arm and the remote-controlled 4 vertical cylinders are all standard features.

Crawlers :

Crawler assemblies are designed with quick disconnects for individual removal as a unit from axles.

Crawler tension adjusted by hydraulic jack and maintained by shims between the drive unit 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 brake :

Multiple disc type, spring set, hydraulically released parking brakes are built into each propel drive.

Steering mechanism :

The hydraulic propel system provides both skid steering and counter-rotating steering.

Crawler shoe :

Casted 52" shoe is in standard.

Track rollers :

The track rollers are sealed for maintenance free operation.



Crane Attachments

Crane boom :

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

Standard boom length 50' (15.2 m)

Boom base section 27' (8.2 m)

Boom tip section 23' (7.0 m)

Heavy boom (optional) :

Heavy boom tip section 13' (4.0 m)

Boom insert (optional) :

Optional boom inserts are available to provide extension capabilities up to the boom length of 280' (85.3 m).

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

Boom suspension :

16 parts of 22 mm dia. high strength boom hoist wire rope and 34 mm dia. high strength pendant rope.

Boom backstops:

Telescopic type with spring bumper. (Boom backstop raising device)

Auxiliary sheave:

Auxiliary sheave is usable on booms of 50 ft (15.2 m) through 270 ft (82.3 m) Maximum line : 2 parts of 26 mm dia. wire rope.

Fixed jib (optional):

The fixed jib is usable on crane boom of 90' (27.4 m) through 240' (73.2 m) with counterweight amount 165,900 lbs (75,200 kg) and carbody weight amount 66,100 lbs (30,000 kg) to extend working height and / or reach. The fixed jib employs welded lattice construction with tubular, high-tension steel chords with pin connections between sections.

Basic jib length 40' (12.2 m)

Jib base section 15' (4.6 m)

Jib insert 10' (3.0 m)

Jib tip section w/1 sheave 15' (4.6 m)

Fixed jib insert :

Optional fixed jib insert, 20' (6.1 m) section is available to provide extension capabilities, up to the jib length of 100' (30.5 m).

Fixed jib suspension :

26 mm dia. high strength pendant rope for each side.

Strut suspension :

26 mm dia. high strength pendant rope for each side.

SPECIFICATIONS

Standard Equipment

Lights :

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

Gauges and warning display Gauges :

- Tachometer
- Hour meter
- Fuel gauge
- DEF gauge
- Water temperature gauge for engine

Warning display :

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

Others :

- Air conditioner / heater
- Lever detent lock (all levers except swing)
- Drum turn indicator (front / rear)
- Foot throttle pedal/ boom hoist pedal
- Boom drum, observation camera
- Cigar lighter socket -12 V auxiliary power outlet - in cab
- KCROSS (Telematics)
- Boom foot pins, hydraulic
- Crawler frame connection pins, hydraulic
- Counterweight self removal device
- Crawler self removal device
- Electric fuel tank transfer pump
- Translifters
- Boom backstop raising device
- USB port in cab
- Radio with Bluetooth®

Safety Device

- Overload prevention device (LMI)
- Boom over hoist auto shut off device
- Hook over hoist auto shut off device
- Swing limiter
- Working radius limiter (Tip height, boom & jib angle, W/R)
- Function lock lever
- Mechanical lever locks
- Front / Rear mechanical drum lock
- Boom mechanical drum lock
- Electric signal horn
- Travel alarm
- Swing alarm and flashers
- Mechanical level gauges, in the cab
- Boom backstops
- Step, boom catwalk (Upper & Lower), boom end step (Upper), ladder for right guard, upper structure handrail
- Carbody frame
- Crawler frames
- Hook height indicator

Tools and Accessories

A set of tools and accessories are furnished.

Optional Equipment

Attachment :

- | | |
|-----------------------------|---|
| <i>Fixed jib</i> | Basic 40' (12.2 m) fixed jib with strut and suspension pendant ropes.
20' (6.1 m) fixed jib insert |
| <i>Hook blocks and ball</i> | Various offerings |
| <i>Free-fall winches</i> | 26 mm dia. 1,679 ft (512 m) spooling capacity free fall winch for front and rear drum. |
| <i>Third drum</i> | 22 mm dia. 912 ft (278 m) spooling capacity (Non free-fall winch) |
| <i>Boom inserts</i> | 10' (3.0 m), 20' (6.1 m), 40' (12.2 m) with catwalk, end step |
| <i>Auxiliary sheave</i> | |
| <i>Reeving winch</i> | |

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

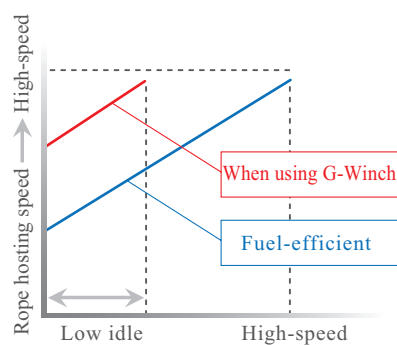
The AIS mode can conserve fuel by stopping the engine, with an operator prompt, after 10 seconds of idling time. Restarting the engine is simple by just twisting the throttle.



G-Winch Mode :

An Industry First

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



G-Winch



G-Engine



AIS



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.

SCR System

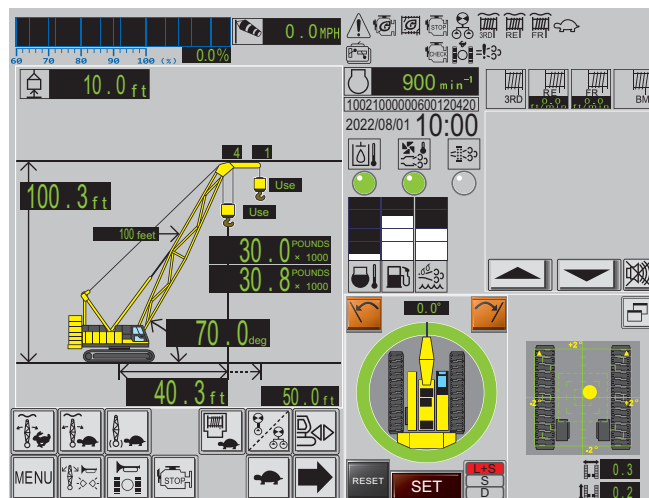
This machine is equipped with the SCR system. The SCR system is used to reduce emission of NOx (nitrogen oxide) from the engine. The SCR system decomposes NOx contained in exhaust gas into water and nitrogen by spraying DEF/AdBlue® into the muffler. This means that the exhaust gas from the diesel engine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

LOAD MOMENT INDICATOR (LMI)

The KOBELCO designed 12" touch panel screen with sunshade and screen protector is an industry first. This intuitive and easy to understand 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 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, heavy boom, fixed jib, reduced counterweight, clamshell, barge, luffing boom, and luffing jib.



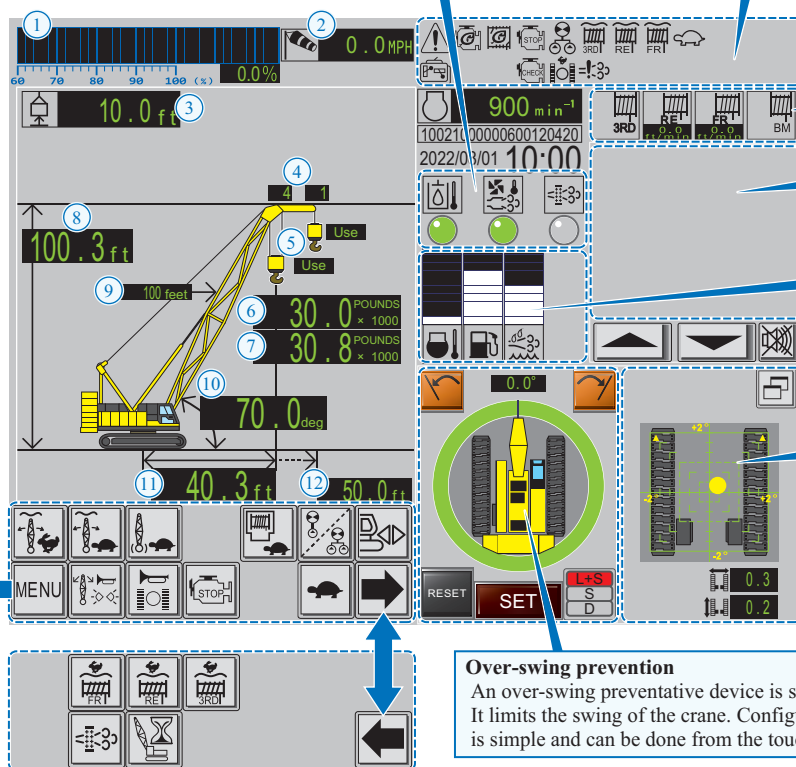
Hydraulic oil temperature lamp
Exhaust system cooling call lamp
SCR refresh error lamp

Display lamp

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

Third drum free fall indication lamp
Inching speed lamp
Remote control connection lamp
Engine system error lamp
Travel speed lamp
SCR system error lamp

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



Main menu

Crane config.
Angle/radius Limiter
Self check Mode



Adjustment mode
Service mode

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 Drum & Rear Drum (non free fall):

Confluence Circuit		Drum line speed (ft/min)						
	Layer	1	2	3	4	5	6	7
Line Pull (lbf)	0	378	405	432	459	486	513	540
	5,000	366	391	417	441	466	490	515
	10,000	352	376	399	422	444	466	489
	15,000	340	361	381	385	389	391	394
	20,000	293	295	298	300	301	303	305
	25,200	240	242	244	245	247	248	250
	30,000	204	206	207	208	210	219	219
	35,000	178	179	186	188	180	167	151
	40,000	163	165	154	141	124	116	112
	45,000	140	127	110	103			
	50,000	106	94	90				
Storage Capacity (ft)		197	212	226	240	254	268	282

Independence Circuit		Drum line speed (ft/min)						
	Layer	1	2	3	4	5	6	7
Line Pull (lbf)	0	376	402	430	456	483	510	537
	5,000	344	366	389	412	434	456	478
	10,000	305	307	310	312	314	316	317
	15,000	213	215	217	219	221	223	225
	20,000	166	169	169	170	170	171	171
	25,200	136	136	137	137	138	138	139
	30,000	114	115	115	116	116	117	117
	35,000	99	99	100	100	101	106	111
	40,000	87	88	90	95	100	104	108
	45,000	79	84	89	93	96		
	50,000	78	82	87				
Storage Capacity (ft)		197	212	226	240	254	268	282

Front Drum & Rear Drum (free fall) (optional) :

Confluence Circuit		Drum line speed (ft/min)						
	Layer	1	2	3	4	5	6	7
Line Pull (lbf)	0	382	409	437	464	491	518	546
	5,000	370	395	420	445	470	495	520
	10,000	356	379	403	426	448	471	493
	15,000	343	365	381	386	389	392	394
	20,000	293	296	298	300	302	303	305
	25,200	241	242	244	245	247	248	250
	30,000	204	206	207	209	212	219	219
	35,000	178	179	188	188	178	164	148
	40,000	164	164	152	138	120	116	111
	45,000	139	125	107	102	98		
	50,000	104	93	89				
Storage Capacity (ft)		197	212	226	240	254	268	282

Independence Circuit		Drum line speed (ft/min)						
	Layer	1	2	3	4	5	6	7
Line Pull (lbf)	0	376	402	430	456	483	510	537
	5,000	344	366	389	412	434	456	478
	10,000	305	307	310	312	314	316	317
	15,000	213	215	217	219	221	223	225
	20,000	166	169	169	170	170	171	171
	25,200	136	136	137	137	138	138	139
	30,000	114	115	115	116	116	117	117
	35,000	99	99	100	100	101	106	111
	40,000	87	88	90	95	100	104	108
	45,000	79	84	89	93	96		
	50,000	78	82	87				
Storage Capacity (ft)		197	212	226	240	254	268	282

Third Drum (optional) :

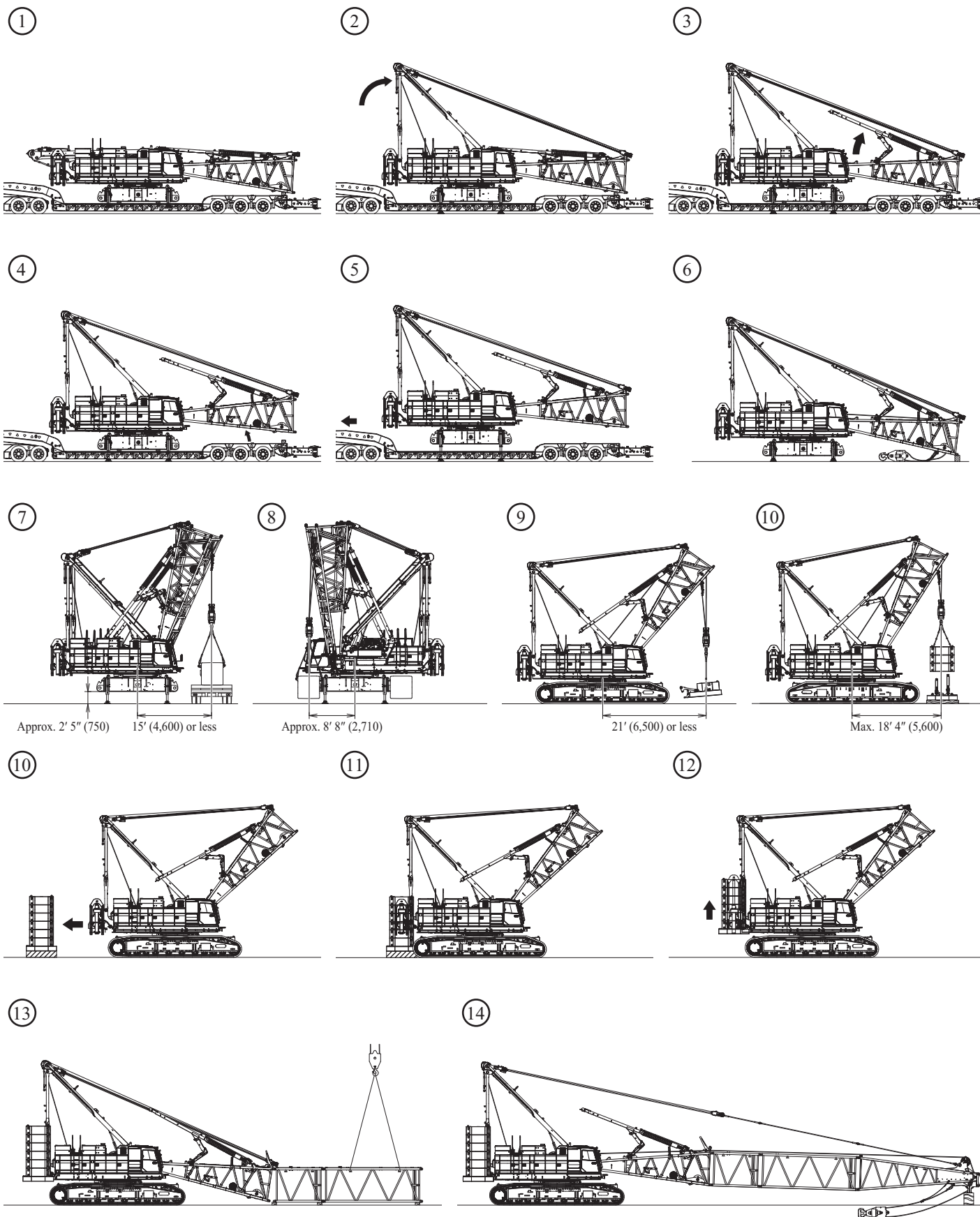
Confluence Circuit		Drum line speed (ft/min)						
	Layer	1	2	3	4	5	6	7
Line Pull (lbf)	0	166	179	193	206	220	233	247
	5,000	166	179	193	207	220	234	247
	10,000	166	180	193	207	220	234	248
	15,000	166	180	194	196	198	198	202
	20,000	148	149	155	159	162	164	166
	25,200	127	130	132	133	133	131	129
	30,000	111	111	110	107			
	35,000	94	91					
Storage Capacity (ft)		105	113	122	130	139	147	156

Wire Rope Specifications

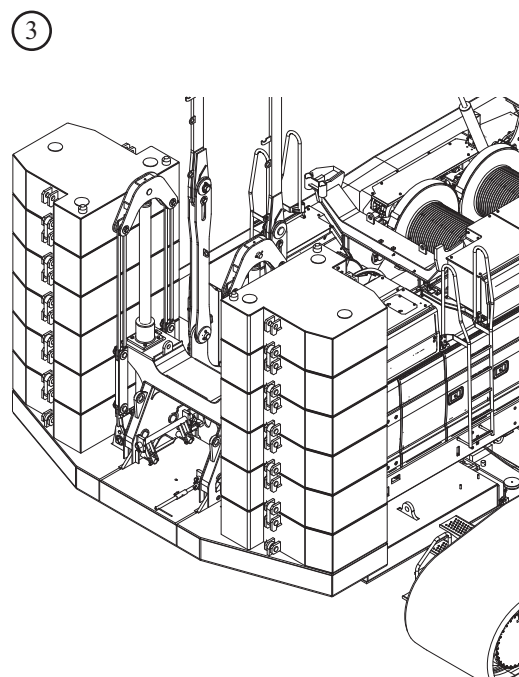
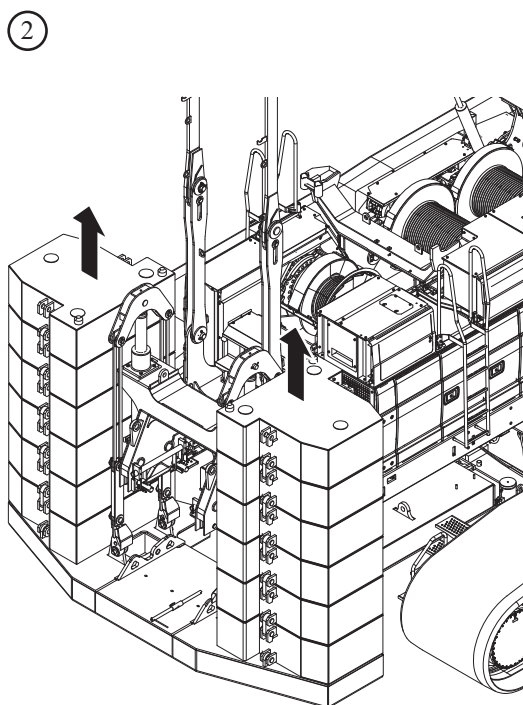
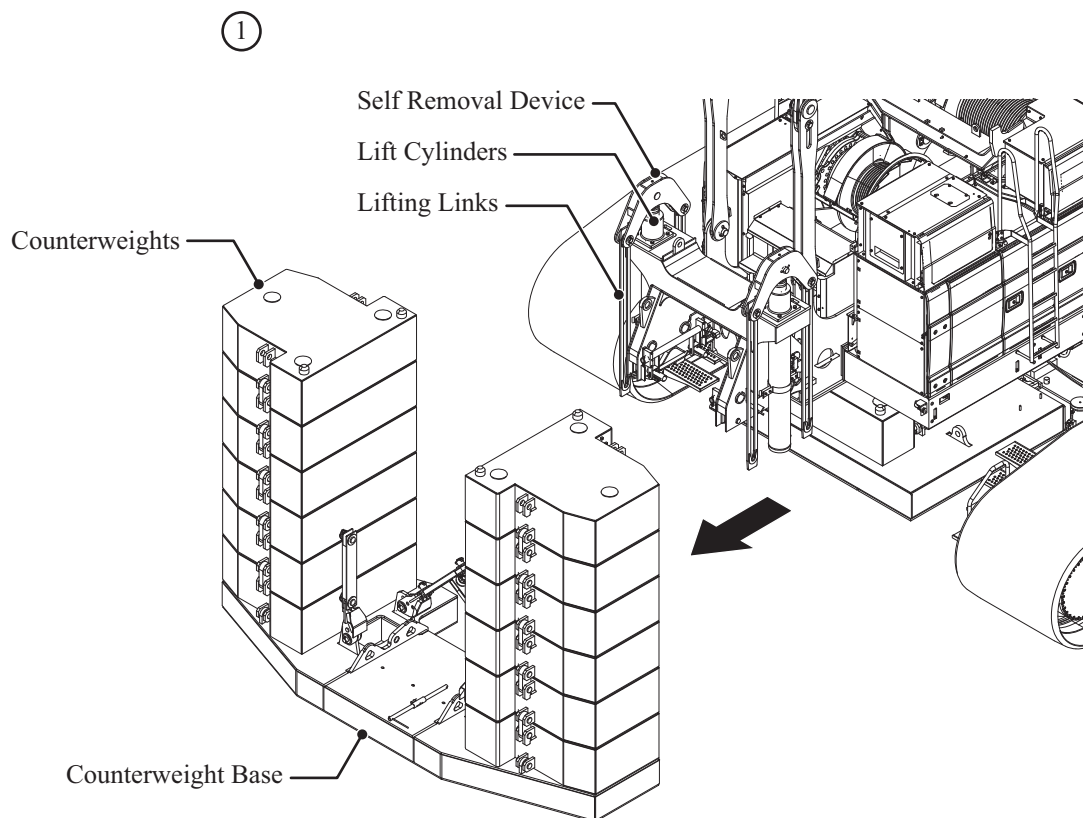
Use	Rope spec.	Rope dia.	Rope length	Safety Factor	Breaking strength
Front drum	U3 × SeS (48) Right-hand Regular lay	1,050" to 1,065" (26.68 mm to 27.04 mm)	1,181ft (360m)	3.5 : 1	135,110 lbf (601 kN)
Rear drum	U3 × SeS (48) Right-hand Regular lay	1,050" to 1,065" (26.68 mm to 27.04 mm)	951ft (290m)	3.5 : 1	135,110 lbf (601 kN)
Boom hoist drum (Luffing boom hoist)	IWRC 6 × P-WS (31) Right-hand Regular lay	893" to 905" (22.68 mm to 22.99 mm)	984ft (300m)	3.5 : 1	89,250 lbf (397 kN)
Boom hoist drum (Luffing boom hoist) (optional)	IWRC 8 × P-S (19) Right-hand Regular lay	893" to 905" (22.68 mm to 22.99 mm)	984ft (300m)	3.5 : 1	89,250 lbf (397 kN)
Third drum (optional)	IWRC 6 × Fi (22+7) Right-hand Regular lay	888" to 905" (22.55 mm to 22.99 mm)	869ft (265m)	3.5 : 1	81,606 lbf (363 kN)
Luffing jib hoist	IWRC 6 × WS (31) Right-hand Regular lay	893" to 905" (22.68 mm to 22.99 mm)	607ft (185m)	3.5 : 1	89,250 lbf (397 kN)
Luffing jib hoist (optional)	IWRC 8 × P-S (19) Right-hand Regular lay	893" to 905" (22.68 mm to 22.99 mm)	607ft (185m)	3.5 : 1	89,250 lbf (397 kN)

SELF-ASSEMBLY PROCEDURE

Dimensions : ft-in (mm)



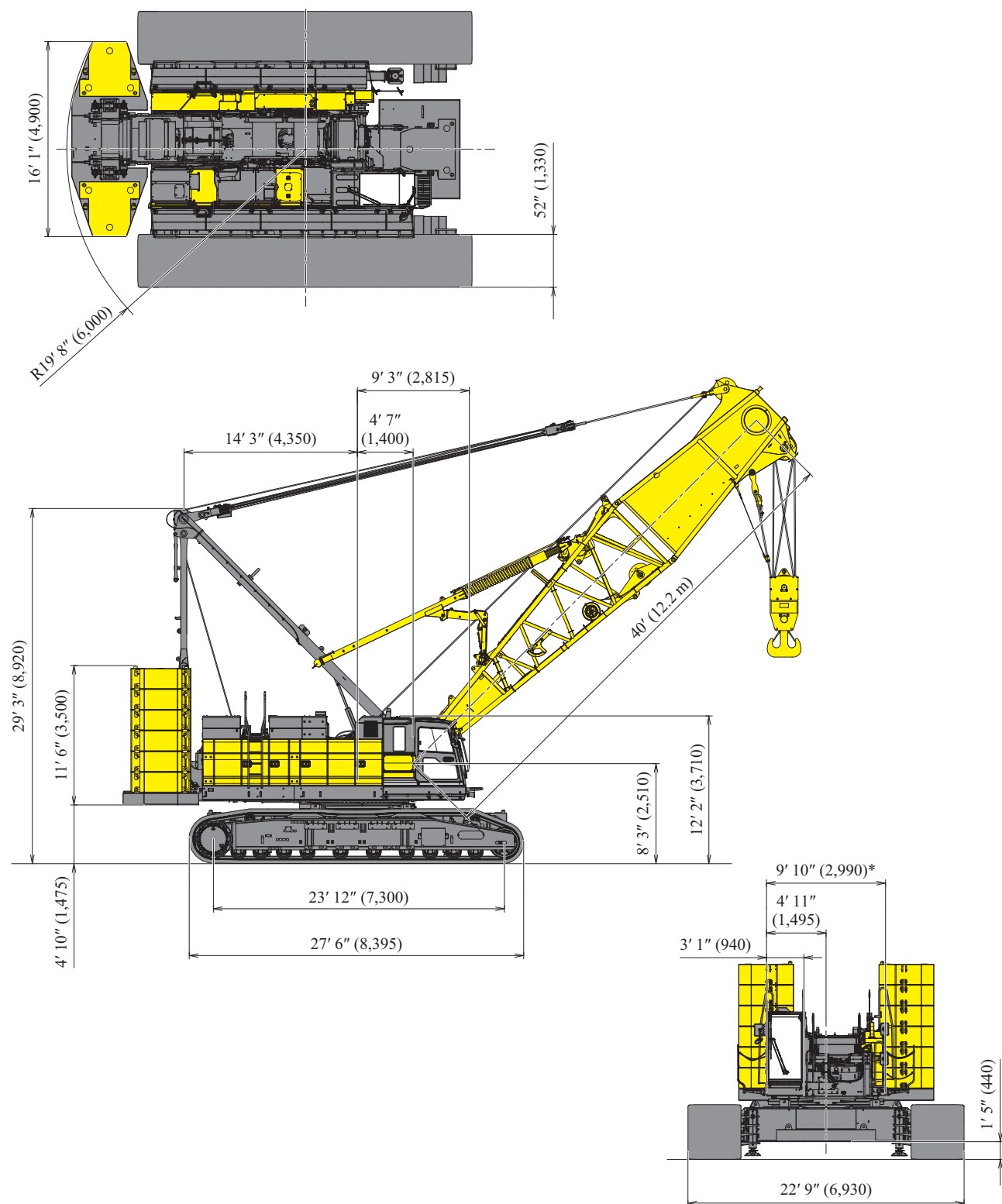
COUNTERWEIGHT SELF REMOVAL DEVICE



CRANE - GENERAL DIMENSIONS

Heavy Boom

Unit : ft (mm)

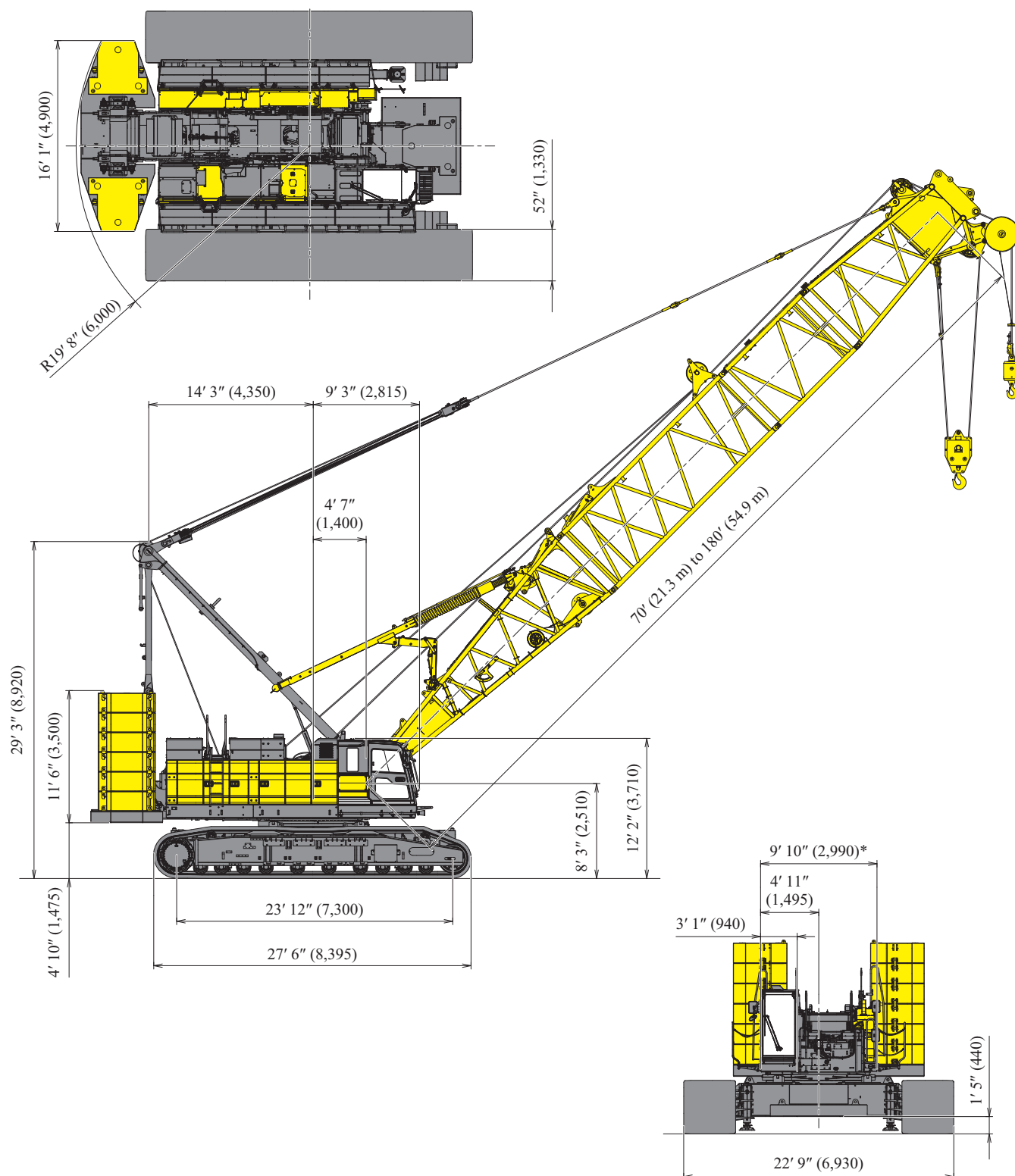


* 10' 5" wide with step on cab side only.
11' wide with step on both sides.

CRANE - GENERAL DIMENSIONS

Crane with Luffing Boom Tip

Unit : ft (mm)

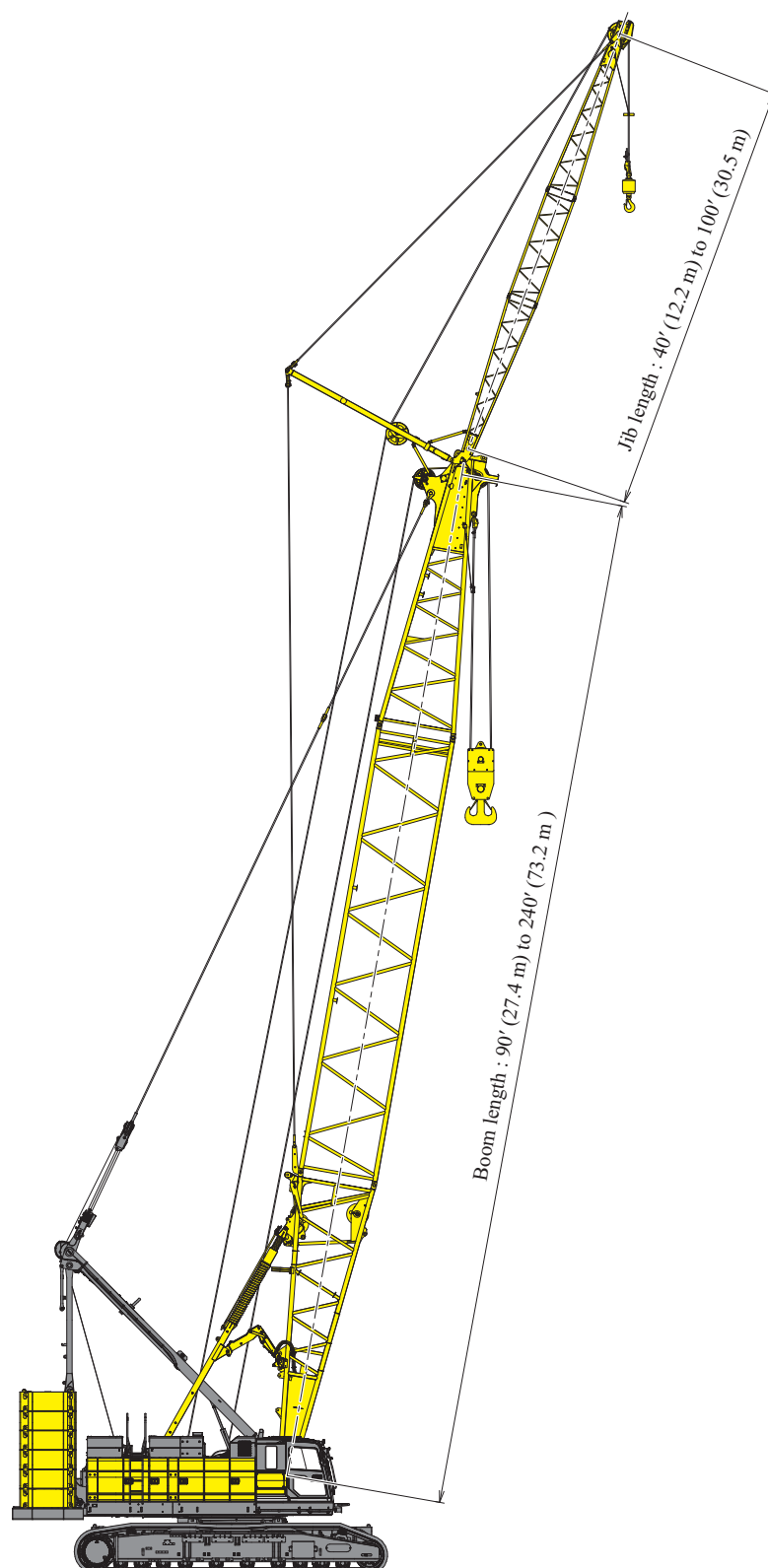


* 10' 5" wide with step on cab side only.
11' wide with step on both sides.

CRANE - GENERAL DIMENSIONS

Fixed Jib

Unit : ft (m)



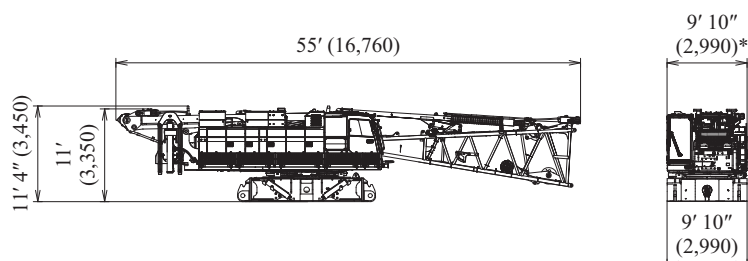
CRANE - DIMENSIONS & WEIGHT

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

Base Machine - 1

- Weight without free winch : 106,715 lbs (48,405 kg)
- Weight with free winch : 108,720 lbs (49,315 kg)

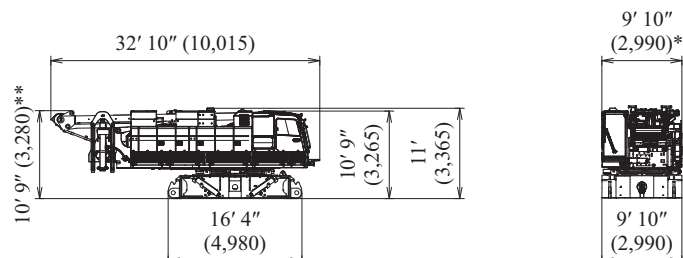
Gantry	☐
Translifter.....	☐
Self removal device	☐
Wire rope Front.....	☐
Rear.....	☐
Boom.....	☐
Spreader (upper, lower).....	☐
Crane backstop.....	☐
Boom base.....	☐
Third drum	☒
Step	☐



Base Machine - 2

- Weight without free winch : 90,480 lbs (41,040 kg)
- Weight with free winch : 92,485 lbs (41,950 kg)

Gantry	☐
Translifter.....	☐
Self removal device	☐
Wire rope Front.....	☐
Rear.....	☐
Boom.....	☒
Spreader (upper, lower).....	☒
Crane backstop.....	☒
Boom base.....	☒
Third drum	☒
Step	☐



○ : With

× : Without

* With the step on cabin side : 10' 5" (3,170)

With the step on the both sides : 11' (3,340)

** Overall height including handrail : 10' 11" (3,335)

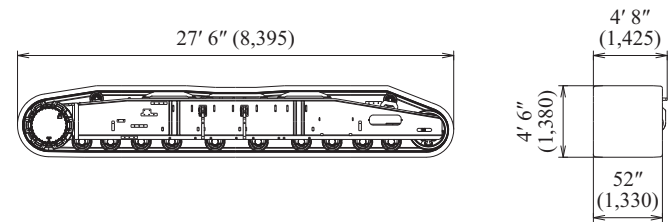
Upper structure handrail weight on the both sides : 165 lbs (75 kg)

CRANE - DIMENSIONS & WEIGHT

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

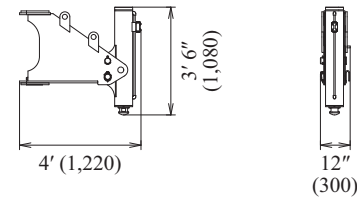
Crawler

Weight : 46,630 lbs (21,200 kg)



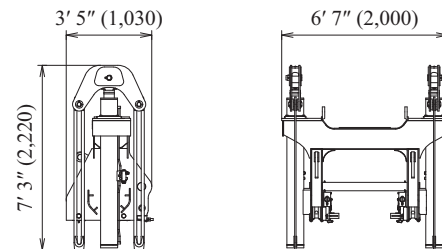
Translifter

Weight : 840 lbs (380 kg)



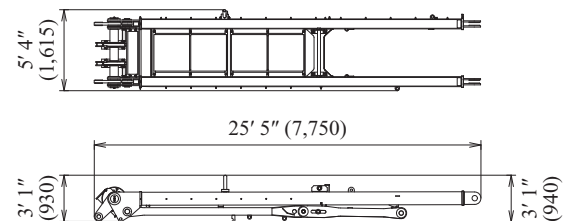
Counterweight Self-Removal Cylinder

Weight : 4,130 lbs (1,890 kg)



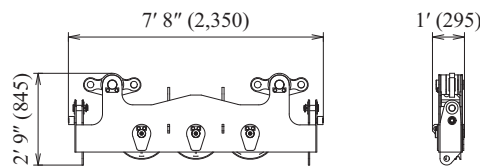
Gantry

Weight : 6,530 lbs (2,960 kg)



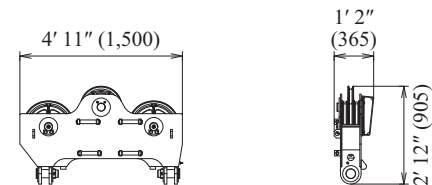
Upper Spreader (for crane)

Weight : 1,460 lbs (660 kg)



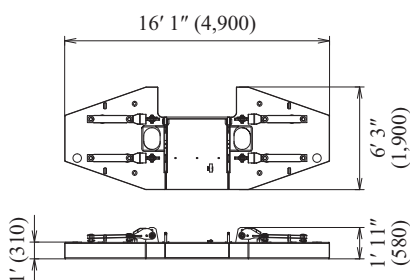
Lower Spreader (for crane)

Weight : 950 lbs (430 kg)



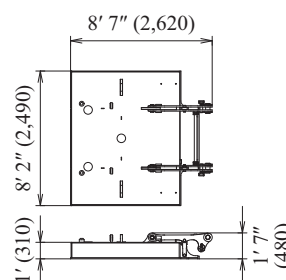
Counterweight Base (with hanger)

Weight : 25,610 lbs (11,600 kg)



Carbody Weight (Base) (with link)

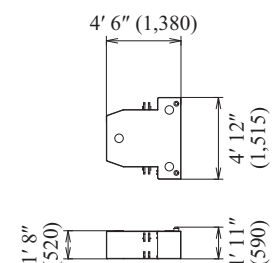
Weight : 21,350 lbs (9,700 kg)



Counterweight (2 pieces)

Carbody Weight (12 pieces)

Weight : 11,700 lbs (5,300 kg) / 1 piece



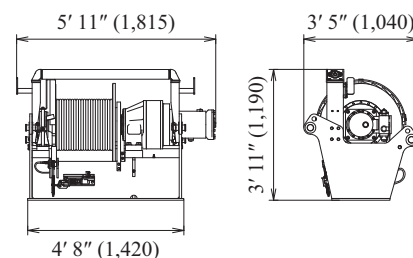
*The weight of the base machine may increase or decrease depending on equipments installed and the amount of fuel.

CRANE - DIMENSIONS & WEIGHT

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

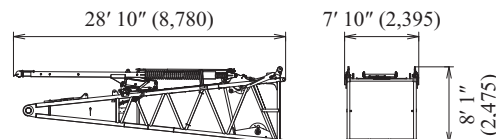
Third winch

- Weight without wire rope : 3,180 lbs (1,440 kg)
- Weight with wire rope : 4,450 lbs (2,020 kg)



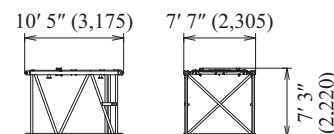
Boom base

- Weight : 12,360 lbs (5,605 kg)
- *With Backstop, Catwalk



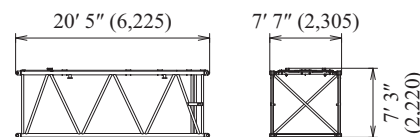
10 ft (3.0 m) Boom Insert

- Weight : 1,550 lbs (705 kg)
- *With Catwalk



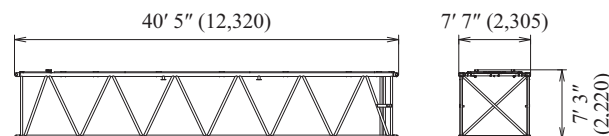
20 ft (6.1 m) Boom Insert

- Weight : 2,500 lbs (1,135 kg)
- *With Catwalk



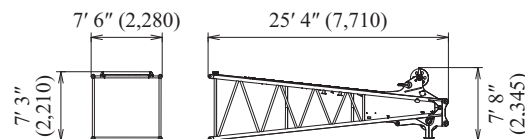
40 ft (12.2 m) Boom Insert

- Weight : 4,400 lbs (2,000 kg)
- *With Catwalk



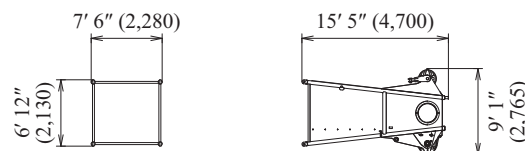
Boom Tip

- Weight : 5,750 lbs (2,610 kg)
- *With Catwalk



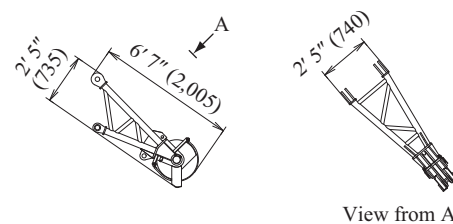
Heavy Boom Tip

- Weight : 8,745 lbs (3,965 kg)



Auxiliary Sheave

- Weight : 710 lbs (325 kg)



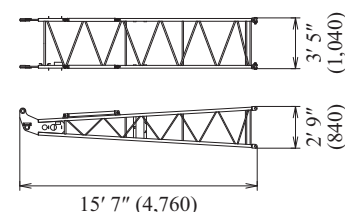
CRANE - DIMENSIONS & WEIGHT

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

Fixed Jib

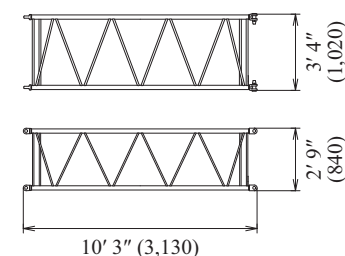
Fixed Jib Base

Weight : 460 lbs (210 kg)



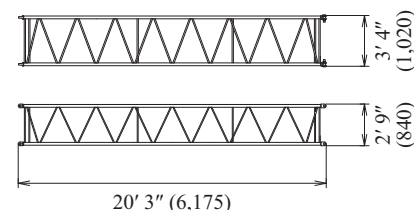
10 ft (3.0 m) Fixed Jib Insert

Weight : 245 lbs (115 kg)



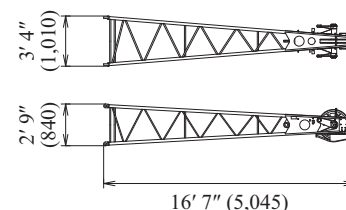
20 ft (6.1 m) Fixed Jib Insert

Weight : 420 lbs (190 kg)



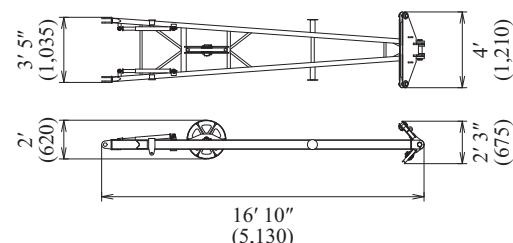
Fixed Jib Tip

Weight : 720 lbs (325 kg)



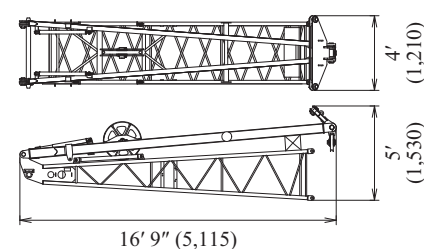
Fixed Jib Strut

Weight : 805 lbs (365 kg)



Jib Base + Jib Strut (Fixed Jib)

Weight : 1,265 lbs (575 kg)



CRANE - TRANSPORTATION PLAN

Configuration : 240 ft Boom and 100' Fixed Jib (Counterweight : 165,900 lbs, Carbody weight 66,100 lbs)

Item	lbs	(t)	Trailer									
			#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Base Machine with Boom Base*	106,715	(48.405)	1									
Right crawler frame	46,630	(21.200)		1								
Left crawler frame	46,630	(21.200)			1							
10 ft Boom Insert	1,550	(0.705)				1						
20 ft Boom Insert	2,500	(1.135)				1						
40 ft Boom Insert	4,400	(2.000)					1	1	1	1		
Boom Tip	5,750	(2.610)									1	
Fixed Jib Base, Strut	1,265	(0.575)										1
10 ft Fixed Jib Insert	245	(0.115)										1
20 ft Fixed Jib Insert	420	(0.190)					1	1	1			
Fixed Jib Tip	720	(0.325)										1
Counterweight Base	25,610	(11.600)										1
Counterweight	11,700	(5.300)				3	3	3	3			
Carbody Weight	33,050	(15.000)								1	1	
Auxiliary Sheave	710	(0.325)									1	
115 US ton hook block	3,900	(1.361)					1					
19 US ton Ball hook	1,311	(0.365)						1				
Approx. Total Shipping Weight	lbs	(t)	106,715	46,630	46,630	39,150	43,820	41,231	39,920	37,450	39,510	27,840
			(48.405)	(21.2)	(21.2)	(17.74)	(19.451)	(18.455)	(18.09)	(17)	(17.935)	(12.615)

* Third drum is not included. Add 4,450 lbs if third drum (with wire rope) is installed.

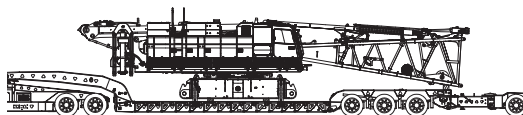
Loads for transportation were targeted at 45,000 lbs, 8' 6" wide, 48' long and 13' 6" high from ground, 48' step deck.

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

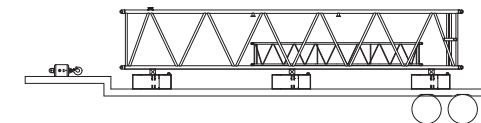
* Double drop trailer required.

* Add 2,000 lbs with Free Fall.

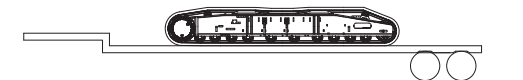
Trailer #1



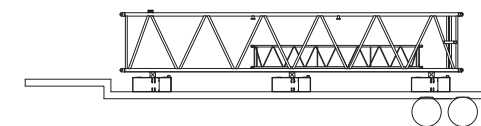
Trailer #6



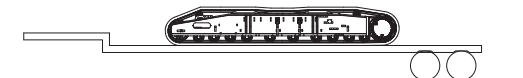
Trailer #2



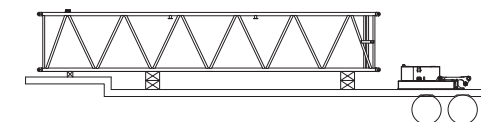
Trailer #7



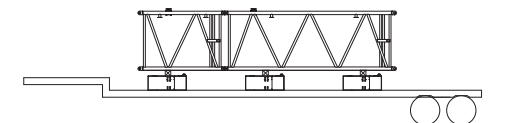
Trailer #3



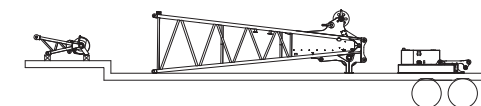
Trailer #8



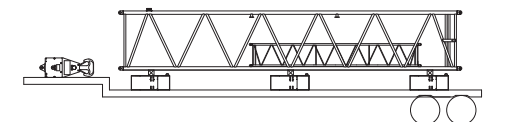
Trailer #4



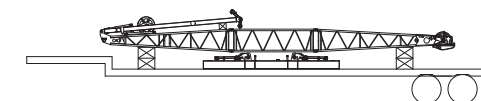
Trailer #9



Trailer #5

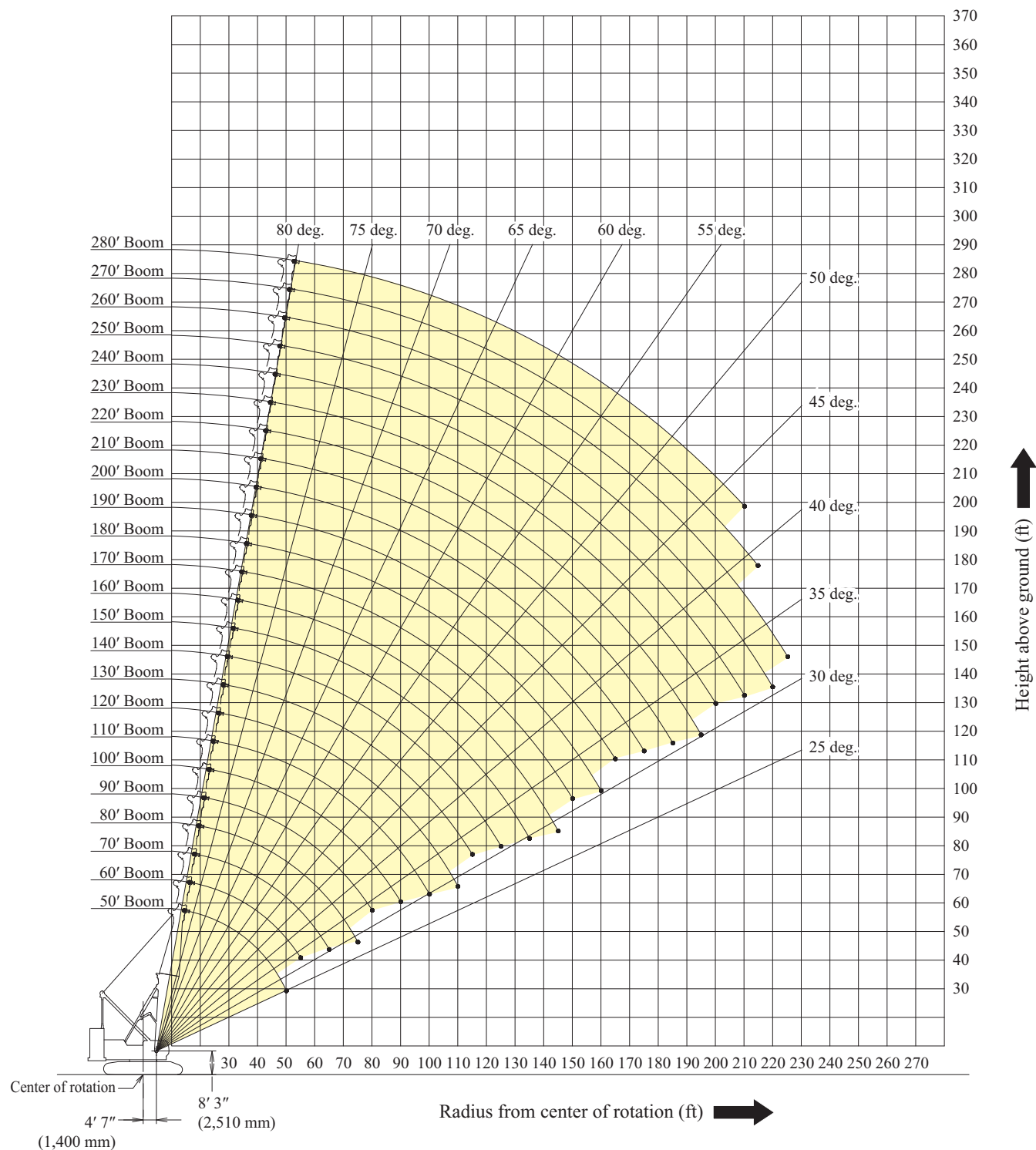


Trailer #10



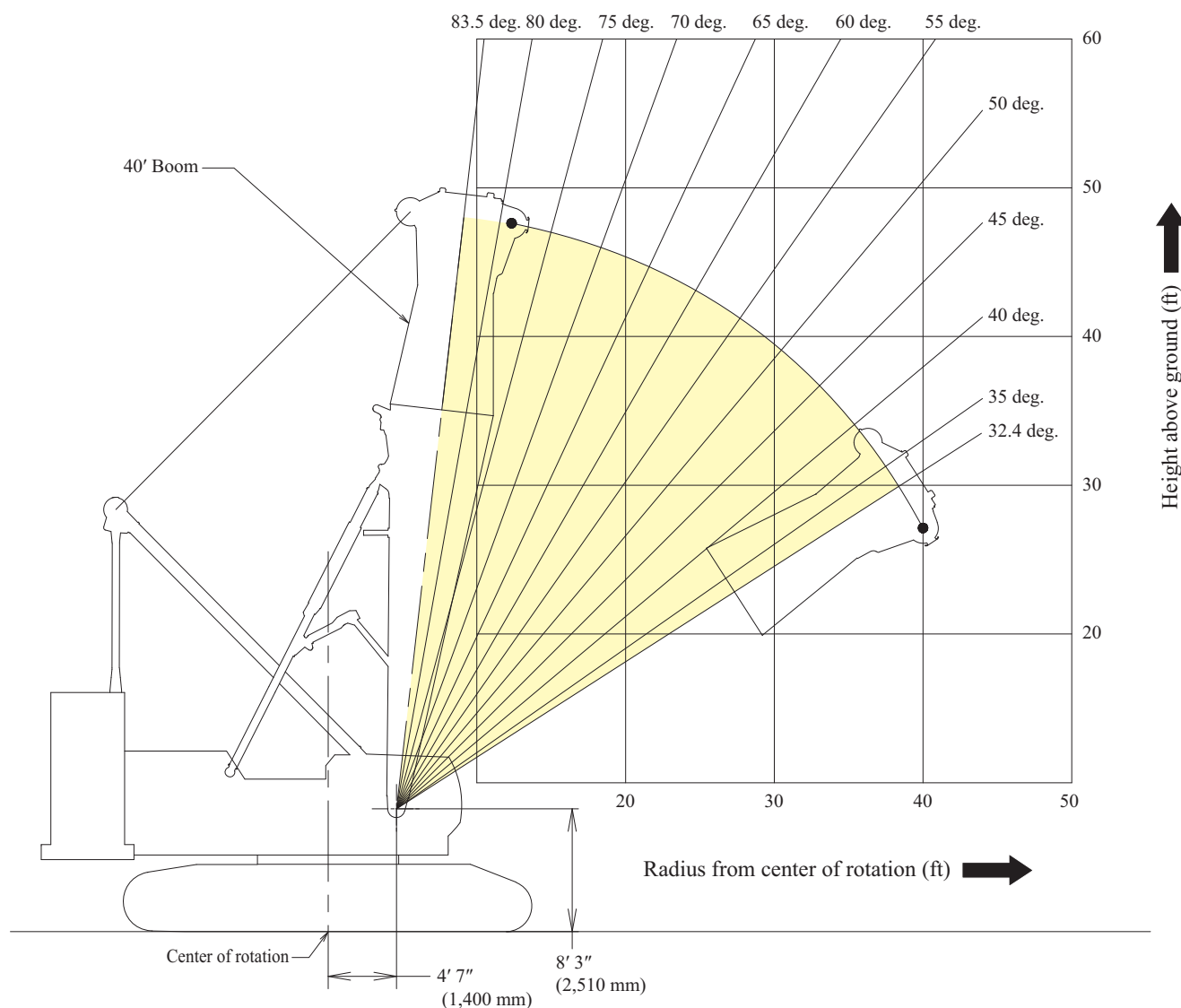
CRANE - WORKING RANGES

Standard Boom



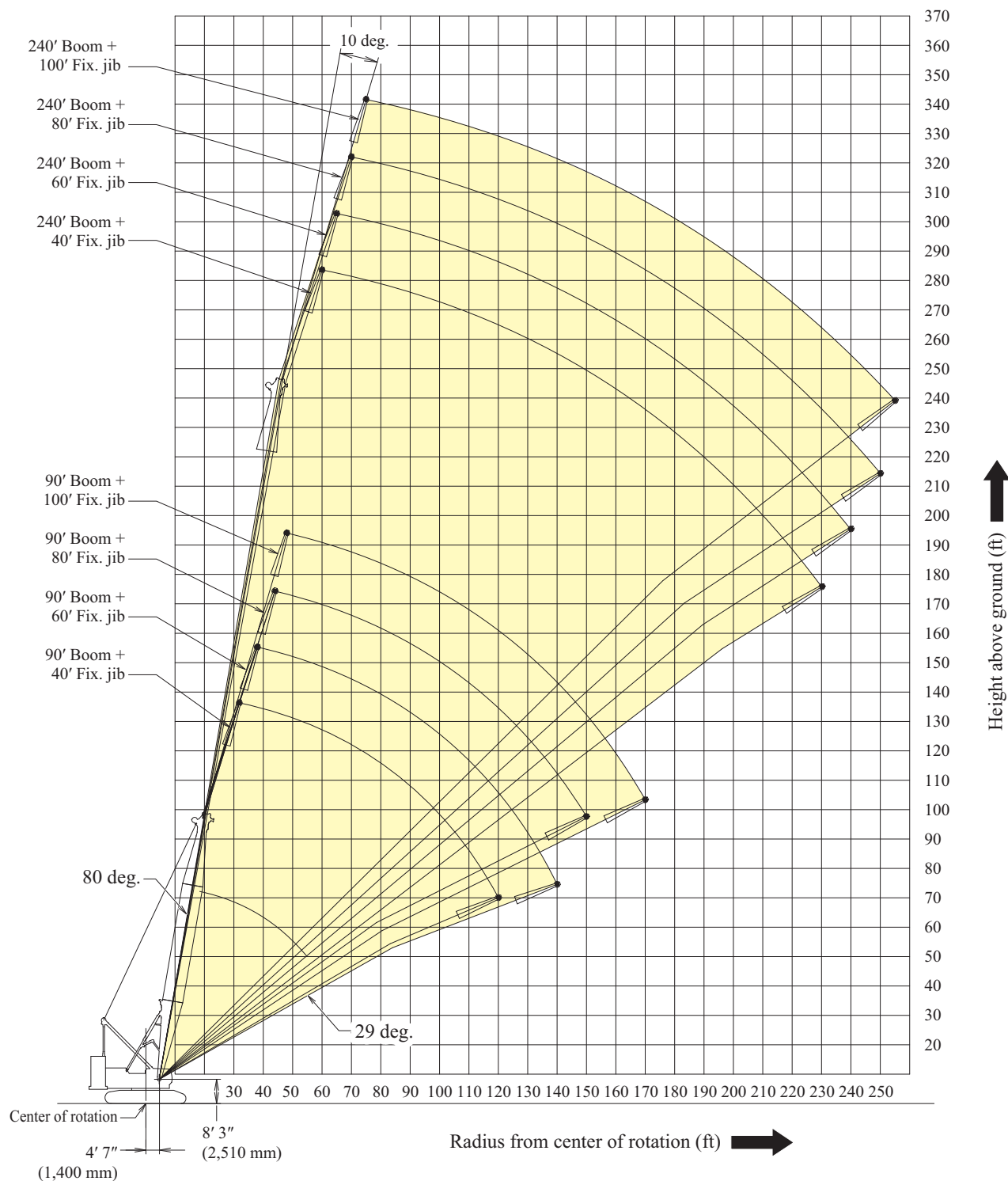
CRANE - WORKING RANGES

Heavy Boom



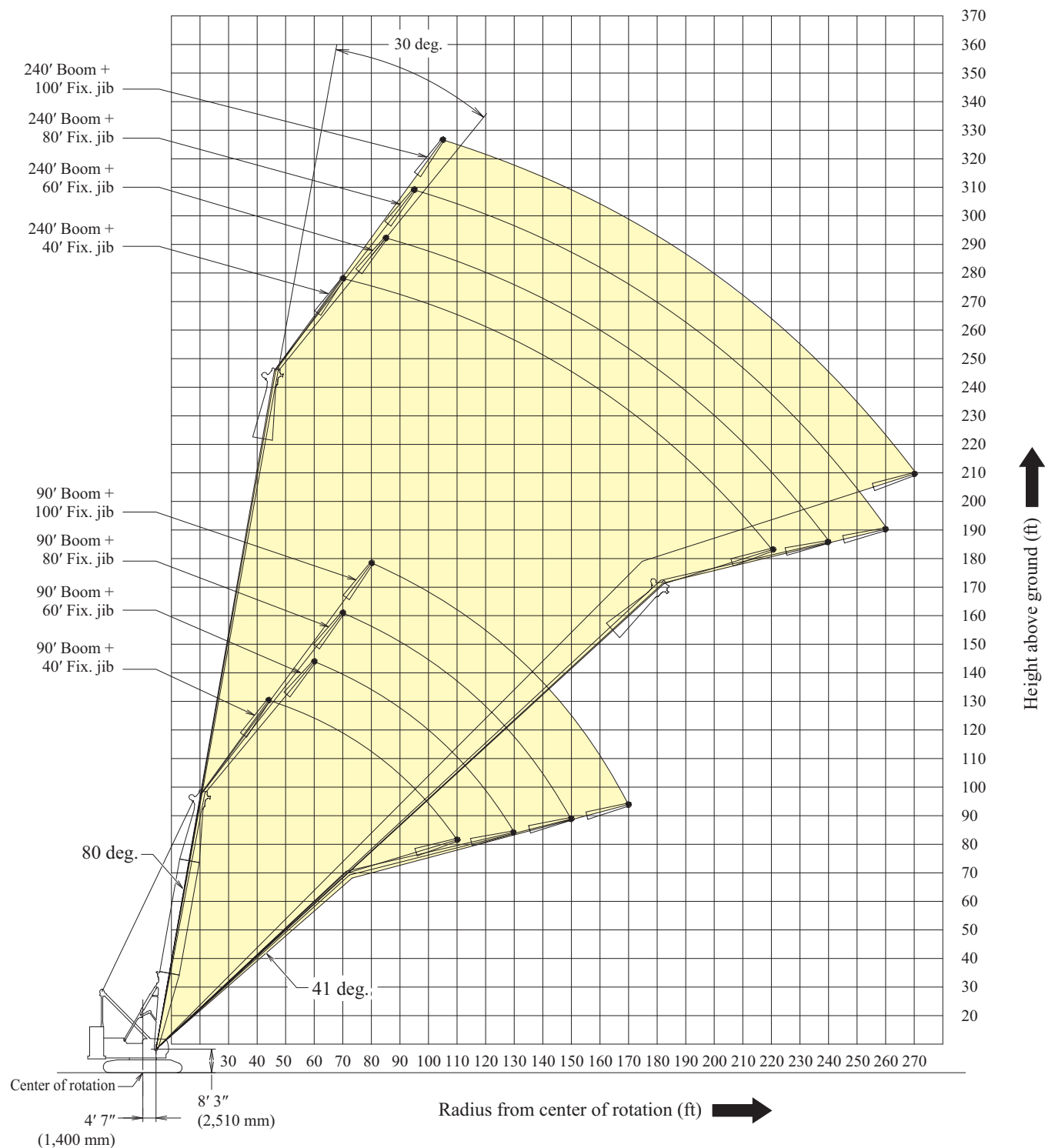
CRANE - WORKING RANGES

Fixed Jib 10 deg.



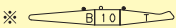
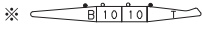
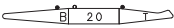
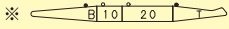
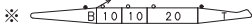
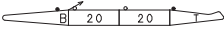
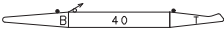
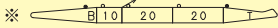
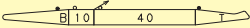
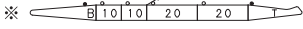
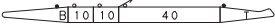
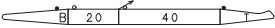
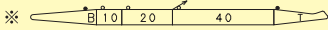
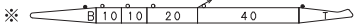
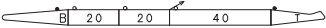
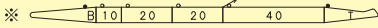
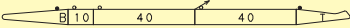
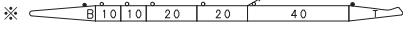
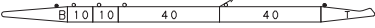
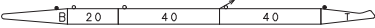
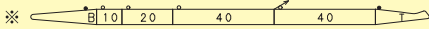
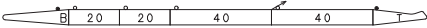
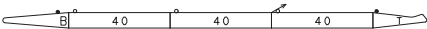
CRANE - WORKING RANGES

Fixed Jib 30 deg.



CRANE - BOOM AND JIB ARRANGEMENTS

Standard Boom Arrangement

Boom length : ft (m)	Boom arrangement (Standard boom)	Aux. Sheave	Fixed jib
50 (15.2)		○	×
60 (18.3)	※ 	○	×
70 (21.3)	※  	○	×
80 (24.4)	※ 	○	×
90 (27.4)	※   	○	○
100 (30.5)	※  	○	○
110 (33.5)	※   	○	○
120 (36.6)	※ 	○	○
130 (39.6)	※   	○	○
140 (42.7)	※  	○	○
150 (45.7)	※   	○	○
160 (48.8)	※ 	○	○
170 (51.8)	※   	○	○

※ Indicates the most flexible combination of boom inserts, which can be modified to form all shorter boom arrangements.

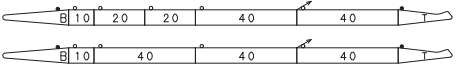
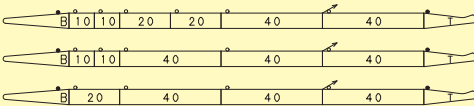
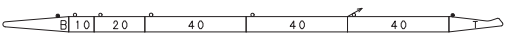
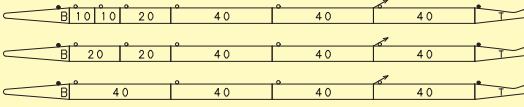
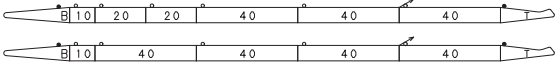
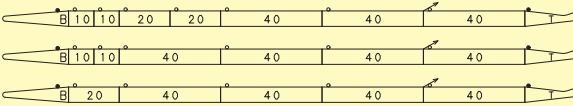
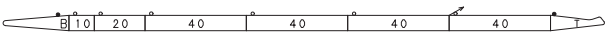
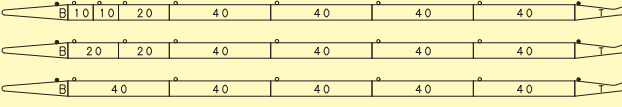
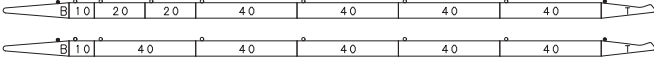
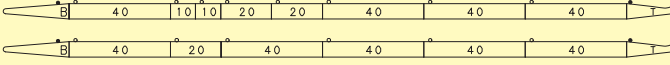
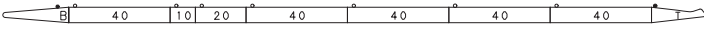
↗ Mark shows the guy line installing position when the jib is used.

○ : Combinations which is allowed.

× : Combinations which is not allowed.

CRANE - BOOM AND JIB ARRANGEMENTS

Standard Boom Arrangement

Boom length : ft (m)	Boom arrangement (Standard boom)	Aux. Sheave	Fixed jib
180 (54.9)	※ 	○	○
190 (57.9)	※ 	○	○
200 (61.0)	※ 	○	○
210 (64.0)	※ 	○	○
220 (67.1)	※ 	○	○
230 (70.1)	※ 	○	○
240 (73.2)	※ 	○	○
250 (76.2)	※ 	○	×
260 (79.2)	※ 	○	×
270 (82.3)	※ 	○	×
280 (85.3)	※ 	×	×

※ Indicates the most flexible combination of boom inserts, which can be modified to form all shorter boom arrangements.

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

○ : Combinations which is allowed.

× : Combinations which is not allowed.

CRANE - BOOM AND JIB ARRANGEMENTS

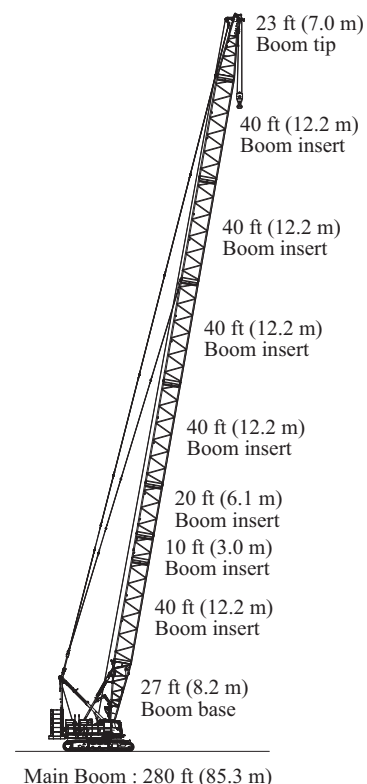
Heavy Boom Arrangement

Boom length : ft (m)	Boom arrangement (Heavy boom)	Aux. Sheave	Fixed jib
40 (12.2)		×	×

○ : Combinations which is allowed.

×

Symbol	Length	Remarks
	27 ft (8.2 m)	Boom Base
	10 ft (3.0 m)	Boom Insert
	20 ft (6.1 m)	Boom Insert
	40 ft (12.2 m)	Boom Insert
	23 ft (7.0 m)	Boom Tip
	13 ft (4.0 m)	Heavy Boom Tip



CRANE - BOOM AND JIB ARRANGEMENTS

Crane with Luffing Boom Tip Arrangement

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

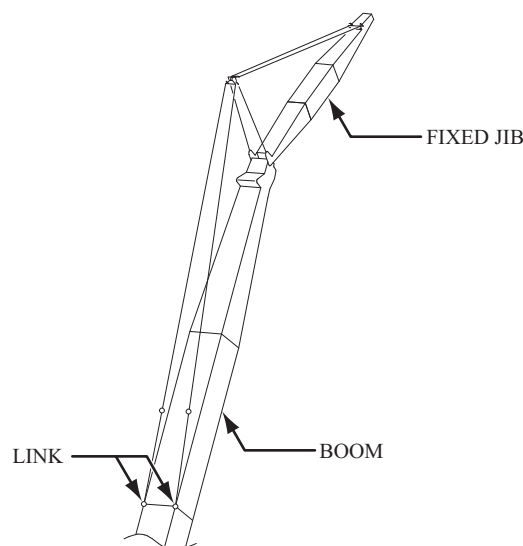
Boom length : ft (m)	Boom arrangement	
150 (45.7)		
160 (48.8)	 	
170 (51.8)	 	
180 (54.9)	 	

Symbol	Boom Length	Remarks
	27 ft (8.2 m)	Boom Base
	13 ft (4.0 m)	Luffing Boom Tip
	10 ft (3.0 m)	Boom Insert
	20 ft (6.1 m)	Boom Insert
	40 ft (12.2 m)	Boom Insert
	20 ft (6.1 m)	Special Boom Insert

Fixed Jib Arrangement

Crane Boom length : ft (m)	Jib length : ft (m)	Jib arrangement
90 (27.4) to 240 (73.2)	40 (12.2)	
	60 (18.3)	
	80 (24.4)	
	100 (30.5)	

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



CRANE - SUPPLEMENTAL DATA

Boom and Fixed Jib

- Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or derate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, multiple machine lifts, and traveling with a load).
- Rated loads do not exceed 75% of minimum tipping loads. Rated loads based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
- The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.
 - 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.
 - Counterweights and carbody weights are fully installed.
- Do not attempt to lift where no ratings are shown as crane may tip or collapse.
- Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
- Weight of hooks, hook blocks, slings and other lifting devices are a part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.
- When lifting over boom point with jib or auxiliary sheave, rated loads for the boom must be deducted as shown below.
- The total load that can be lifted over a jib is limited by rated jib loads.
- Standard crane boom lengths for jib mounting are 90 ft (27.4m) to 240 ft (73.2m).
- In case of 40 ft (12.2m) jib length with offset angle 10 degrees, one part of line on hook, additional parts required – contact to KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.
- The total load that can be lifted over an auxiliary sheave is the value of 1,200 lbs for standard crane boom or 1,000 lbs for luffing boom deducted from rated load for the boom without auxiliary sheave, but it should not exceed auxiliary maximum hoist loads.
- Standard crane boom lengths that can attach auxiliary sheave are from 50 ft (15.2m) to 270 ft (82.3m), in case of luffing boom, from 70 ft (21.3m) to 180 ft (54.7m).
- The boom should be erected over the front of the crawlers, not laterally.
- The minimum rated load is as shown below.

Heavy boom, standard boom	4,400 lbs (2.0 t)
Luffing boom	4,000 lbs (1.8 t)
Fixed jib	3,800 lbs (1.7 t)

- Least stable position is over the side.

Aux. Sheave For Standard Crane Boom

Deductions : lbs	1,200
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Aux. Sheave For Luffing Boom

Deductions : lbs	1,000
------------------	-------

Fixed jib

Jib length : ft	40	60	80	100
Deductions : lbs	7,055	8,010	8,965	9,920



CRANE - SUPPLEMENTAL DATA

Boom and Fixed Jib

16. 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
Max. Loads : lbs	29,500	59,000	88,500	118,000	147,500
Max. Loads : t	13.4	26.8	40.1	53.5	66.9

No. of Parts of line	6	7	8	9	10
Max. Loads : lbs	177,000	206,500	236,000	265,500	295,000
Max. Loads : t	80.3	93.7	107.0	120.4	133.8

No. of Parts of line	12	14
Max. Loads : lbs	352,800	400,000
Max. Loads : t	160.0	181.4

Jib Hoist Loads

No. of Parts of line	1	2
Max. Loads : lbs	29,500	59,000
Max. Loads : t	13.4	26.8

Auxiliary Hoist Loads for Standard Crane Boom

No. of Parts of line	1	2
Max. Loads : lbs	29,500	59,000
Max. Loads : t	13.4	26.8

Auxiliary Hoist Loads for Luffing Boom

No. of Parts of line	1
Max. Loads : lbs	29,500
Max. Loads : t	13.4

17. Weight of recommended hook block.

Hook block	200 US t	110 US t	77 US t	39 US t	BALL HOOK
Weight : lbs	6,180	3,970	2,650	1,990	1,000

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 B30.5-2018.

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

WARNING

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

CRANE - LIFTING CHART

Standard Boom Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

50 ft Boom			60 ft Boom			70 ft Boom			80 ft Boom			90 ft Boom			100 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
14.3	80.4	352,800 *	16.0	80.3	340,300 *	17.7	80.3	295,000 *	19.3	80.4	294,100 *	21.0	80.3	265,500 *	22.7	80.3	236,000 *
15.0	79.6	352,700 *	17.0	79.4	330,600 *	18.0	80.1	295,000 *	20.0	79.9	284,600 *	22.0	79.7	259,400 *	24.0	79.6	236,000 *
16.0	78.4	349,800 *	18.0	78.4	313,600 *	19.0	79.3	295,000 *	22.0	78.4	259,400 *	24.0	78.4	238,700 *	26.0	78.4	219,600 *
17.0	77.2	330,600 *	19.0	77.5	298,300 *	20.0	78.4	284,600 *	24.0	77.0	238,700 *	26.0	77.1	219,600 *	28.0	77.3	203,500
18.0	76.1	313,600 *	20.0	76.5	284,600 *	22.0	76.8	259,400 *	26.0	75.5	219,600	28.0	75.8	203,500	30.0	76.1	189,300
19.0	74.9	298,300 *	22.0	74.5	259,400 *	24.0	75.1	238,700 *	28.0	74.0	203,500	30.0	74.5	189,300	32.0	74.9	176,900
20.0	73.7	284,600 *	24.0	72.5	238,700	26.0	73.3	219,600	30.0	72.5	189,300	32.0	73.2	176,900	34.0	73.7	166,100
22.0	71.2	259,400 *	26.0	70.4	219,600	28.0	71.6	203,500	32.0	71.0	176,900	34.0	71.8	166,100	36.0	72.5	156,400
24.0	68.8	238,800	28.0	68.4	203,500	30.0	69.9	189,300	34.0	69.4	166,100	36.0	70.5	156,400	38.0	71.3	147,800
26.0	66.3	219,600	30.0	66.3	189,300	32.0	68.1	176,900	36.0	67.9	156,400	38.0	69.1	147,800	40.0	70.1	138,200
28.0	63.7	203,500	32.0	64.2	176,900	34.0	66.3	166,100	38.0	66.3	147,800	40.0	67.7	138,400	45.0	67.0	117,500
30.0	61.1	189,300	34.0	62.0	166,100	36.0	64.5	156,400	40.0	64.7	138,700	45.0	64.2	117,800	50.0	63.8	102,000
32.0	58.4	176,900	36.0	59.8	156,400	38.0	62.6	147,800	45.0	60.7	118,100	50.0	60.6	102,600	55.0	60.5	90,200
34.0	55.6	166,100	38.0	57.5	147,800	40.0	60.8	139,100	50.0	56.4	102,600	55.0	56.8	90,400	60.0	57.2	80,500
36.0	52.7	156,400	40.0	55.2	139,400	45.0	55.9	118,500	55.0	52.0	90,700	60.0	52.9	80,700	65.0	53.6	72,400
38.0	49.7	147,800	45.0	49.0	118,800	50.0	50.7	103,000	60.0	47.2	80,900	65.0	48.7	72,700	70.0	50.0	66,000
40.0	46.5	139,900	50.0	42.2	103,500	55.0	45.1	91,100	65.0	42.0	73,200	70.0	44.3	66,200	75.0	46.1	60,300
45.0	37.7	119,300	55.0	34.2	91,400	60.0	38.8	81,500	70.0	36.2	66,600	75.0	39.4	60,600	80.0	41.9	55,500
50.0	26.4	95,000				65.0	31.6	73,700	75.0	29.4	61,100	80.0	34.0	55,900	85.0	37.3	51,300
															90.0	32.2	47,700
Reeves		12	Reeves		12	Reeves		10	Reeves		10	Reeves		9	Reeves		8
110 ft Boom			120 ft Boom			130 ft Boom			140 ft Boom			150 ft Boom			160 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
24.3	80.4	235,500 *	26.0	80.3	206,500 *	27.7	80.3	194,700 *	29.3	80.4	177,000 *	31.0	80.3	177,000 *	32.7	80.3	147,500 *
26.0	79.5	219,600 *	28.0	79.4	203,500 *	28.0	80.2	194,700 *	30.0	80.1	177,000 *	32.0	80.0	171,700 *	34.0	79.9	147,500 *
28.0	78.4	203,500	30.0	78.5	189,300 *	30.0	79.4	189,300 *	32.0	79.3	175,100 *	34.0	79.2	160,400 *	36.0	79.2	147,500 *
30.0	77.4	189,300	32.0	77.5	176,900 *	32.0	78.5	176,900 *	34.0	78.5	163,600 *	36.0	78.5	150,500	38.0	78.5	139,900 *
32.0	76.3	176,900	34.0	76.5	166,100	34.0	77.5	166,100	36.0	77.6	153,700 *	38.0	77.7	142,100	40.0	77.7	132,100 *
34.0	75.2	166,100	36.0	75.5	156,400	36.0	76.6	156,400	38.0	76.8	144,900	40.0	76.9	134,300	45.0	75.9	115,900
36.0	74.1	156,400	38.0	74.5	147,800	38.0	75.7	147,700	40.0	75.9	137,000	45.0	74.9	115,900	50.0	74.0	100,100
38.0	73.1	147,800	40.0	73.5	137,700	40.0	74.8	137,500	45.0	73.8	116,300	50.0	72.9	100,400	55.0	72.1	88,000
40.0	72.0	137,700	45.0	71.0	117,100	45.0	72.5	116,900	50.0	71.7	100,800	55.0	70.9	88,200	60.0	70.2	78,300
45.0	69.2	117,100	50.0	68.4	101,600	50.0	70.2	101,400	55.0	69.5	88,700	60.0	68.9	78,500	65.0	68.3	70,200
50.0	66.4	101,600	55.0	65.8	89,400	55.0	67.8	89,200	60.0	67.3	78,700	65.0	66.8	70,600	70.0	66.4	63,800
55.0	63.5	89,400	60.0	63.2	79,700	60.0	65.4	79,500	65.0	65.0	71,000	70.0	64.7	63,800	75.0	64.4	57,900
60.0	60.5	79,700	65.0	60.4	71,800	65.0	62.9	71,500	70.0	62.7	64,200	75.0	62.5	58,100	80.0	62.4	53,100
65.0	57.4	72,000	70.0	57.6	65,000	70.0	60.4	64,700	75.0	60.4	58,700	80.0	60.4	53,300	85.0	60.3	48,900
70.0	54.3	65,200	75.0	54.7	59,400	75.0	57.8	59,100	80.0	58.0	53,700	85.0	58.1	49,200	90.0	58.2	45,300
75.0	50.9	59,600	80.0	51.7	54,500	80.0	55.2	54,300	85.0	55.5	49,700	90.0	55.8	45,500	95.0	56.1	42,200
80.0	47.5	55,000	85.0	48.6	50,400	85.0	52.4	50,100	90.0	53.0	46,000	95.0	53.5	42,400	100.0	53.9	39,200
85.0	43.8	50,900	90.0	45.3	46,700	90.0	49.6	46,500	95.0	50.4	42,600	100.0	51.0	39,400	105.0	51.6	36,600
90.0	39.8	47,300	95.0	41.8	43,600	95.0	46.6	43,400	100.0	47.6	40,000	105.0	48.5	36,800	110.0	49.3	34,400
95.0	35.5	44,100	100.0	38.0	40,700	100.0	43.4	40,400	105.0	44.8	37,400	110.0	45.9	34,600	115.0	46.9	32,200
100.0	30.6	41,200	105.0	33.9	38,200	105.0	40.1	38,000	110.0	41.7	35,200	115.0	43.1	32,400	120.0	44.3	30,300
			110.0	29.3	36,000	110.0	36.4	35,600	115.0	38.5	33,000	120.0	40.2	30,800	125.0	41.7	28,600
						115.0	32.5	33,600	120.0	35.1	31,000	125.0	37.1	29,100	130.0	38.9	27,100
									125.0	31.3	29,500	130.0	33.8	27,300	135.0	35.9	25,700
												135.0	30.2	25,900	140.0	32.7	24,200
															145.0	29.2	22,900
Reeves		8	Reeves		7	Reeves		7	Reeves		6	Reeves		6	Reeves		5

Note : Designed and rated to comply with ASME 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 31 to 32.



CRANE - LIFTING CHART

Standard Boom Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

170 ft Boom			180 ft Boom			190 ft Boom			200 ft Boom			210 ft Boom			220 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
34.3	80.4	147,500 *	36.0	80.4	138,900 *	37.7	80.3	118,000 *	39.3	80.4	117,100 *	41.0	80.4	108,300 *	42.7	80.3	99,800 *
36.0	79.8	145,500 *	38.0	79.8	134,600 *	38.0	80.3	118,000 *	40.0	80.2	116,300 *	45.0	79.3	105,000 *	45.0	79.8	98,200 *
38.0	79.1	137,000 *	40.0	79.1	127,000 *	40.0	79.7	118,000 *	45.0	78.7	108,100 *	50.0	77.9	94,800	50.0	78.5	93,300 *
40.0	78.5	129,400 *	45.0	77.5	111,700	45.0	78.1	110,300	50.0	77.3	96,200	55.0	76.5	85,300	55.0	77.1	83,900
45.0	76.7	113,900	50.0	75.8	99,400	50.0	76.6	98,200	55.0	75.8	86,500	60.0	75.1	76,600	60.0	75.8	76,100
50.0	75.0	99,800	55.0	74.2	87,300	55.0	75.0	87,000	60.0	74.3	76,800	65.0	73.7	68,600	65.0	74.4	68,400
55.0	73.2	87,500	60.0	72.5	77,300	60.0	73.5	77,300	65.0	72.8	68,800	70.0	72.2	62,000	70.0	73.1	61,600
60.0	71.5	77,800	65.0	70.8	69,400	65.0	71.9	69,400	70.0	71.3	62,000	75.0	70.8	56,200	75.0	71.7	55,900
65.0	69.7	69,800	70.0	69.1	62,800	70.0	70.3	62,500	75.0	69.8	56,500	80.0	69.3	51,300	80.0	70.3	51,100
70.0	67.8	63,200	75.0	67.4	57,200	75.0	68.7	56,900	80.0	68.3	51,700	85.0	67.9	47,300	85.0	68.9	46,700
75.0	66.0	57,400	80.0	65.7	52,300	80.0	67.0	52,100	85.0	66.7	47,300	90.0	66.4	43,600	90.0	67.5	43,100
80.0	64.1	52,500	85.0	63.9	48,000	85.0	65.4	48,000	90.0	65.1	43,600	95.0	64.9	40,200	95.0	66.1	39,800
85.0	62.2	48,500	90.0	62.1	44,300	90.0	63.7	44,100	95.0	63.5	40,400	100.0	63.4	37,400	100.0	64.7	36,800
90.0	60.3	44,800	95.0	60.3	41,200	95.0	62.0	41,000	100.0	61.9	37,600	105.0	61.8	34,600	105.0	63.2	34,400
95.0	58.3	41,400	100.0	58.4	38,200	100.0	60.3	38,000	105.0	60.3	34,800	110.0	60.3	32,400	110.0	61.7	32,000
100.0	56.3	38,800	105.0	56.5	35,600	105.0	58.5	35,400	110.0	58.6	32,700	115.0	58.7	30,300	115.0	60.2	29,800
105.0	54.3	36,000	110.0	54.6	33,400	110.0	56.7	33,200	115.0	56.9	30,500	120.0	57.0	28,300	120.0	58.7	28,100
110.0	52.2	33,600	115.0	52.6	31,200	115.0	54.9	31,000	120.0	55.2	28,600	125.0	55.4	26,700	125.0	57.2	26,100
115.0	50.0	31,700	120.0	50.6	29,300	120.0	53.0	29,100	125.0	53.4	26,900	130.0	53.7	25,100	130.0	55.6	24,700
120.0	47.7	29,800	125.0	48.5	27,600	125.0	51.1	27,300	130.0	51.6	25,100	135.0	52.0	23,500	135.0	54.0	23,300
125.0	45.4	28,100	130.0	46.3	26,100	130.0	49.1	25,700	135.0	49.7	23,700	140.0	50.2	22,300	140.0	52.4	21,700
130.0	42.9	26,400	135.0	44.0	24,700	135.0	47.1	24,200	140.0	47.8	22,500	145.0	48.4	21,100	145.0	50.7	20,500
135.0	40.4	24,900	140.0	41.7	23,300	140.0	45.0	22,900	145.0	45.8	21,300	150.0	46.6	19,900	150.0	49.0	19,300
140.0	37.7	23,700	145.0	39.2	22,100	145.0	42.8	21,700	150.0	43.8	20,100	155.0	44.6	18,900	155.0	47.2	18,400
145.0	34.8	22,500	150.0	36.6	20,900	150.0	40.5	20,500	155.0	41.6	18,900	160.0	42.7	17,700	160.0	45.4	17,400
150.0	31.7	21,300	155.0	33.8	19,900	155.0	38.1	19,600	160.0	39.4	17,900	165.0	40.6	16,900	165.0	43.6	16,500
			160.0	30.8	18,900	160.0	35.5	18,700	165.0	37.1	16,900	170.0	38.4	16,000	170.0	41.6	15,500
						165.0	32.9	17,700	170.0	34.6	16,200	175.0	36.1	15,200	175.0	39.6	14,700
									175.0	32.0	15,500	180.0	33.7	14,500	180.0	37.5	14,000
												185.0	31.2	13,800	185.0	35.3	13,000
															190.0	32.9	12,300
															195.0	30.5	11,800
Reeves		5	Reeves		5	Reeves		4	Reeves		4	Reeves		4	Reeves		4

Note : Designed and rated to comply with ASME 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 31 to 32.

CRANE - LIFTING CHART

Standard Boom Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

230 ft Boom			240 ft Boom			250 ft Boom			260 ft Boom			270 ft Boom			280 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
44.3	80.4	88,500 *	46.0	80.4	83,700 *	47.7	80.3	77,100 *	49.3	80.4	70,200 *	51.0	80.4	64,800 *	52.7	80.3	57,500 *
45.0	80.2	88,500 *	50.0	79.4	80,300 *	50.0	79.9	74,900 *	50.0	80.3	69,800 *	55.0	79.5	63,200 *	55.0	79.9	56,600 *
50.0	79.0	87,700 *	55.0	78.2	75,600 *	55.0	78.7	70,800 *	55.0	79.1	65,600 *	60.0	78.5	61,000 *	60.0	78.9	54,800 *
55.0	77.7	82,100 *	60.0	77.0	71,200 *	60.0	77.5	66,600 *	60.0	78.0	62,000 *	65.0	77.4	59,000 *	65.0	77.8	52,900 *
60.0	76.4	74,600	65.0	75.8	67,200	65.0	76.3	63,000 *	65.0	76.9	58,400 *	70.0	76.3	57,300 *	70.0	76.8	51,300 *
65.0	75.1	67,800	70.0	74.5	61,100	70.0	75.2	59,400	70.0	75.7	55,300 *	75.0	75.2	54,000 *	75.0	75.7	48,700 *
70.0	73.8	61,100	75.0	73.3	55,300	75.0	74.0	55,300	75.0	74.6	52,100 *	80.0	74.1	49,500 *	80.0	74.7	45,600 *
75.0	72.5	55,500	80.0	72.0	50,400	80.0	72.8	50,100	80.0	73.5	49,200	85.0	73.0	45,300 *	85.0	73.6	42,700 *
80.0	71.2	50,700	85.0	70.8	46,300	85.0	71.6	46,000	85.0	72.3	45,500	90.0	71.9	41,600 *	90.0	72.5	40,100 *
85.0	69.9	46,300	90.0	69.5	42,400	90.0	70.3	42,400	90.0	71.1	41,900	95.0	70.7	38,200	95.0	71.5	37,600 *
90.0	68.6	42,600	95.0	68.2	39,200	95.0	69.1	39,000	95.0	70.0	38,800	100.0	69.6	35,400	100.0	70.4	34,800 *
95.0	67.2	39,400	100.0	66.9	36,400	100.0	67.9	36,000	100.0	68.8	35,800	105.0	68.5	32,700	105.0	69.3	32,200 *
100.0	65.8	36,600	105.0	65.6	33,600	105.0	66.6	33,400	105.0	67.6	33,200	110.0	67.3	30,500	110.0	68.2	30,000 *
105.0	64.5	33,900	110.0	64.3	31,500	110.0	65.4	31,200	110.0	66.4	30,800	115.0	66.2	28,300	115.0	67.1	27,900 *
110.0	63.1	31,500	115.0	62.9	29,300	115.0	64.1	29,100	115.0	65.2	28,600	120.0	65.0	26,400	120.0	65.9	25,900 *
115.0	61.7	29,500	120.0	61.6	27,300	120.0	62.8	27,100	120.0	64.0	26,700	125.0	63.8	24,700	125.0	64.8	24,200 *
120.0	60.2	27,600	125.0	60.2	25,700	125.0	61.5	25,400	125.0	62.7	24,900	130.0	62.6	22,900	130.0	63.7	22,500 *
125.0	58.8	25,900	130.0	58.8	23,900	130.0	60.2	23,700	130.0	61.5	23,300	135.0	61.4	21,500	135.0	62.5	21,100 *
130.0	57.3	24,200	135.0	57.4	22,500	135.0	58.9	22,300	135.0	60.2	21,700	140.0	60.2	20,100	140.0	61.4	19,600 *
135.0	55.8	22,700	140.0	56.0	21,100	140.0	57.5	20,900	140.0	58.9	20,500	145.0	59.0	18,900	145.0	60.2	18,400 *
140.0	54.3	21,300	145.0	54.5	19,900	145.0	56.2	19,600	145.0	57.6	19,300	150.0	57.7	17,700	150.0	59.0	17,200 *
145.0	52.7	20,100	150.0	53.0	18,700	150.0	54.8	18,400	150.0	56.3	18,100	155.0	56.4	16,700	155.0	57.8	16,000 *
150.0	51.1	18,900	155.0	51.5	17,700	155.0	53.3	17,400	155.0	55.0	16,900	160.0	55.2	15,500	160.0	56.6	15,000 *
155.0	49.5	17,900	160.0	50.0	16,700	160.0	51.9	16,500	160.0	53.6	16,000	165.0	53.9	14,500	165.0	55.3	13,800 *
160.0	47.8	16,900	165.0	48.4	15,700	165.0	50.4	15,500	165.0	52.2	15,000	170.0	52.5	13,400	170.0	54.1	12,700 *
165.0	46.1	16,000	170.0	46.8	14,700	170.0	48.9	14,500	170.0	50.8	14,000	175.0	51.2	12,300	175.0	52.8	11,600 *
170.0	44.4	15,000	175.0	45.1	13,800	175.0	47.4	13,500	175.0	49.4	13,000	180.0	49.8	11,400	180.0	51.5	10,500 *
175.0	42.5	14,300	180.0	43.4	13,000	180.0	45.8	12,700	180.0	47.9	12,100	185.0	48.4	10,500	185.0	50.2	9,400 *
180.0	40.7	13,300	185.0	41.6	12,300	185.0	44.1	11,800	185.0	46.4	11,200	190.0	46.9	9,700	190.0	48.8	8,500 *
185.0	38.7	12,600	190.0	39.8	11,400	190.0	42.5	11,000	190.0	44.8	10,500	195.0	45.5	8,800 *	195.0	47.4	7,400 *
190.0	36.6	11,800	195.0	37.8	10,800	195.0	40.7	10,300	195.0	43.2	9,700	200.0	43.9	7,900 *	200.0	46.0	6,600 *
195.0	34.5	11,100	200.0	35.8	10,200	200.0	38.9	9,700	200.0	41.6	9,000	205.0	42.4	6,800 *	205.0	44.6	5,700 *
200.0	32.2	10,600	205.0	33.7	9,400	205.0	37.0	9,000	205.0	39.9	8,300	210.0	40.8	5,700 *	210.0	43.1	4,600 *
			210.0	31.5	9,000				210.0	38.1	7,700	215.0	39.2	4,800 *			
						215.0	33.0	7,700	215.0	36.3	6,800 *						
						220.0	30.9	7,000	220.0	34.4	5,900 *						
									225.0	32.3	4,800 *						
Reeves		3	Reeves		3	Reeves		3	Reeves		3	Reeves		3	Reeves		2

Note : Designed and rated to comply with ASME 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 31 to 32.



CRANE - LIFTING CHART

Heavy Boom Lift Capacity (Optional)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

40 ft Boom							
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)					
12.3	83.5	400,000 *					
13.0	82.5	381,100 *					
14.0	81.0	356,500 *					
15.0	79.6	335,100 *					
16.0	78.1	316,400 *					
17.0	76.6	300,000 *					
18.0	75.1	284,900 *					
19.0	73.5	271,000 *					
20.0	72.0	258,600 *					
22.0	68.8	235,100 *					
24.0	65.6	214,000 *					
26.0	62.3	196,100 *					
28.0	58.8	180,800 *					
30.0	55.2	166,400 *					
32.0	51.4	153,700 *					
34.0	47.3	142,500 *					
36.0	42.9	130,600 *					
38.0	38.0	119,900 *					
40.0	32.4	110,300 *					
Reeves		14					

Note : Designed and rated to comply with ASME 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 31 to 32.

CRANE - LIFTING CHART

Luffing Boom Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

70 ft Boom			80 ft Boom			90 ft Boom			100 ft Boom			110 ft Boom			120 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
20.3	80.4	176,000 *	22.3	80.2	176,000 *	24.0	80.2	176,000 *	25.6	80.2	176,000 *	27.3	80.2	176,000 *	28.9	80.3	176,000 *
22.0	79.0	176,000 *	24.0	78.9	176,000 *	26.0	78.9	176,000 *	26.0	80.0	176,000 *	28.0	79.9	176,000 *	30.0	79.7	176,000 *
24.0	77.3	176,000 *	26.0	77.4	176,000 *	28.0	77.6	176,000 *	28.0	78.8	176,000 *	30.0	78.8	176,000 *	32.0	78.8	174,700 *
26.0	75.6	176,000 *	28.0	76.0	176,000 *	30.0	76.2	176,000 *	30.0	77.7	176,000 *	32.0	77.7	174,700 *	34.0	77.8	163,900 *
28.0	73.9	176,000 *	30.0	74.5	176,000 *	32.0	74.9	174,700 *	32.0	76.5	174,700 *	34.0	76.6	163,900 *	36.0	76.8	154,200 *
30.0	72.1	176,000 *	32.0	72.9	174,700 *	34.0	73.6	163,900 *	34.0	75.3	163,900 *	36.0	75.6	154,200 *	38.0	75.8	145,600
32.0	70.4	175,100 *	34.0	71.4	163,900 *	36.0	72.2	154,200 *	36.0	74.1	154,200 *	38.0	74.5	145,600	40.0	74.8	136,000
34.0	68.6	164,300 *	36.0	69.9	154,200 *	38.0	70.9	145,600	38.0	72.9	145,600	40.0	73.4	136,200	45.0	72.3	115,300
36.0	66.8	154,600 *	38.0	68.3	145,600	40.0	69.5	136,600	40.0	71.6	136,200	45.0	70.6	115,400	50.0	69.7	99,800
38.0	64.9	146,000	40.0	66.7	136,600	45.0	66.0	115,900	45.0	68.5	115,400	50.0	67.8	100,000	55.0	67.1	87,700
40.0	63.0	137,400	45.0	62.7	116,100	50.0	62.4	100,400	50.0	65.4	100,000	55.0	64.9	88,100	60.0	64.5	78,000
45.0	58.2	116,900	50.0	58.4	100,400	55.0	58.6	88,500	55.0	62.1	88,100	60.0	61.9	78,400	65.0	61.8	70,100
50.0	53.0	101,200	55.0	54.0	88,500	60.0	54.7	78,800	60.0	58.7	78,400	65.0	58.9	70,300	70.0	59.0	63,200
55.0	47.4	89,300	60.0	49.2	78,800	65.0	50.5	71,000	65.0	55.2	70,300	70.0	55.7	63,900	75.0	56.1	57,500
60.0	41.2	79,800	65.0	44.0	71,100	70.0	46.1	64,400	70.0	51.6	63,900	75.0	52.4	58,200	80.0	53.1	52,700
65.0	33.9	71,900	70.0	38.2	64,500	75.0	41.2	58,800	75.0	47.7	58,300	80.0	48.9	53,500	85.0	49.9	48,700
67.3	30.0	64,500	75.0	31.4	59,000	80.0	35.8	54,200	80.0	43.5	53,500	85.0	45.2	49,300	90.0	46.6	44,900
			75.8	30.2	54,200	84.3	30.4	49,800	85.0	38.9	49,300	90.0	41.3	45,600	95.0	43.1	41,900
									90.0	33.8	45,600	95.0	36.9	42,700	100.0	39.3	39,000
									93.2	30.1	42,700	100.0	32.1	39,900	105.0	35.2	36,300
												101.7	30.2	37,400	110.0	30.6	34,100
															110.6	30.0	31,900
Reeves		6	Reeves		6	Reeves		6	Reeves		6	Reeves		6	Reeves		6
130 ft Boom			140 ft Boom			150 ft Boom			160 ft Boom			170 ft Boom			180 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
30.6	80.3	176,000 *	32.2	80.3	173,100 *	33.8	80.3	160,900 *	35.5	80.3	145,600 *	37.1	80.4	139,400 *	38.8	80.4	107,100 *
32.0	79.6	174,700 *	34.0	79.6	161,600 *	34.0	80.3	159,000 *	36.0	80.2	145,600 *	38.0	80.1	135,100 *	40.0	80.0	107,100 *
34.0	78.7	163,900 *	36.0	78.7	151,700	36.0	79.5	149,100	38.0	79.4	138,100 *	40.0	79.4	127,600 *	45.0	78.3	107,100 *
36.0	77.8	154,200 *	38.0	77.9	142,900	38.0	78.7	140,700	40.0	78.7	130,100 *	45.0	77.6	112,200	50.0	76.7	97,500 *
38.0	76.9	145,600	40.0	77.0	134,900	40.0	77.9	132,800	45.0	76.9	114,000	50.0	75.9	98,100	55.0	75.1	85,400
40.0	76.0	135,800	45.0	74.9	114,400	45.0	76.0	114,400	50.0	75.0	98,200	55.0	74.1	85,700	60.0	73.4	75,400
45.0	73.7	115,100	50.0	72.8	98,800	50.0	74.0	98,800	55.0	73.1	86,000	60.0	72.4	76,000	65.0	71.7	67,500
50.0	71.4	99,600	55.0	70.6	86,600	55.0	71.9	86,600	60.0	71.2	76,300	65.0	70.6	68,100	70.0	70.0	60,900
55.0	69.0	87,500	60.0	68.4	76,700	60.0	69.9	76,700	65.0	69.3	68,200	70.0	68.8	61,500	75.0	68.3	55,200
60.0	66.6	77,800	65.0	66.1	69,000	65.0	67.8	69,000	70.0	67.4	61,800	75.0	66.9	55,500	80.0	66.6	50,300
65.0	64.1	69,600	70.0	63.8	62,200	70.0	65.7	62,200	75.0	65.4	56,000	80.0	65.1	50,700	85.0	64.8	46,100
70.0	61.6	62,800	75.0	61.5	56,700	75.0	63.6	56,700	80.0	63.4	51,200	85.0	63.2	46,700	90.0	63.0	42,400
75.0	59.0	57,300	80.0	59.1	51,800	80.0	61.4	51,800	85.0	61.3	47,000	90.0	61.2	43,000	95.0	61.2	39,300
80.0	56.4	52,500	85.0	56.6	47,600	85.0	59.2	47,600	90.0	59.2	43,300	95.0	59.3	39,700	100.0	59.3	36,200
85.0	53.6	48,300	90.0	54.1	44,100	90.0	56.9	43,900	95.0	57.1	40,200	100.0	57.3	37,000	105.0	57.4	33,600
90.0	50.8	44,700	95.0	51.5	40,600	95.0	54.5	40,600	100.0	54.9	37,300	105.0	55.2	34,200	110.0	55.5	31,600
95.0	47.8	41,600	100.0	48.7	37,900	100.0	52.1	37,900	105.0	52.6	34,700	110.0	53.1	31,700	115.0	53.5	29,400
100.0	44.6	38,600	105.0	45.9	35,500	105.0	49.6	35,300	110.0	50.3	32,500	115.0	50.9	30,000	120.0	51.4	27,400
105.0	41.3	36,100	110.0	42.9	33,300	110.0	46.9	33,100	115.0	47.9	30,200	120.0	48.6	28,000	125.0	49.3	25,600
110.0	37.7	33,700	115.0	39.7	31,100	115.0	44.2	30,900	120.0	45.3	28,300	125.0	46.3	26,200	130.0	47.2	24,100
115.0	33.7	31,700	120.0	36.2	29,100	120.0	41.3	29,100	125.0	42.7	26,700	130.0	43.9	24,700	135.0	44.9	22,800
119.1	30.1	29,700	125.0	32.4	27,600	125.0	38.2	27,600	130.0	39.9	25,200	135.0	41.3	23,100	140.0	42.5	21,400
			127.6	30.2	25,700	130.0	34.9	25,700	135.0	36.9	23,900	140.0	38.6	22,000	145.0	40.1	20,100
						135.0	31.2	24,300	140.0	33.7	22,300	145.0	35.7	20,700	150.0	37.4	19,000
						136.5	30.1	22,700	145.0	30.2	21,000	150.0	32.6	19,600	155.0	34.7	17,900
												153.9	30.0	18,500	160.0	31.6	17,000
															162.4	30.1	15,800
Reeves		6	Reeves		6	Reeves		6	Reeves		5	Reeves		5	Reeves		4

Note : Designed and rated to comply with ASME 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 31 to 32.



CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

90 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
32.0	80.2	59,000 *	32.0			32.0			32.0			44.0	80.6	22,200 *	44.0			44.0			44.0		
34.0	79.3	59,000 *	34.0			34.0			34.0			46.0	79.9	22,100 *	46.0			46.0			46.0		
36.0	78.3	59,000 *	36.0			36.0			36.0			48.0	79.2	21,900 *	48.0			48.0	80.4	13,500 *	48.0		
38.0	77.4	59,000 *	38.0			38.0	80.5	42,800 *	38.0			50.0	78.5	21,800 *	50.0			50.0	79.8	13,400 *	50.0		
40.0	76.5	55,000 *	40.0			40.0	79.7	42,600 *	40.0			55.0	76.7	21,400 *	55.0			55.0	78.2	13,100 *	55.0		
42.0	75.6	54,000 *	42.0			42.0	79.0	42,400 *	42.0			60.0	75.0	21,000 *	60.0			60.0	76.7	12,800 *	60.0		
44.0	74.7	53,000 *	44.0	79.9	37,900	44.0	78.2	42,200 *	44.0			65.0	73.2	20,700 *	65.0			65.0	75.1	12,500 *	65.0		
46.0	73.7	51,000 *	46.0	79.0	37,900	46.0	77.4	41,600 *	46.0			70.0	71.4	20,200 *	70.0	79.8	16,800 *	70.0	73.5	12,200 *	70.0		
48.0	72.8	50,000 *	48.0	78.0	37,900	48.0	76.6	41,300 *	48.0			75.0	69.6	19,500 *	75.0	77.9	16,400 *	75.0	71.9	11,700 *	75.0		
50.0	71.9	48,600 *	50.0	77.0	36,600	50.0	75.8	40,900 *	50.0			80.0	67.7	18,800 *	80.0	76.0	16,000 *	80.0	70.3	11,300 *	80.0	79.8	9,200 *
55.0	69.5	45,900 *	55.0	74.6	35,300 *	55.0	73.7	39,900 *	55.0			85.0	65.8	18,300 *	85.0	74.1	15,600 *	85.0	68.6	10,900 *	85.0	78.1	8,900 *
60.0	67.1	43,500 *	60.0	72.1	34,200 *	60.0	71.7	39,000 *	60.0	79.2	27,200 *	90.0	63.9	17,700 *	90.0	72.1	15,300 *	90.0	67.0	10,500 *	90.0	76.4	8,700 *
65.0	64.6	41,500 *	65.0	69.6	32,800 *	65.0	69.6	37,200 *	65.0	77.1	25,700 *	95.0	62.0	17,200 *	95.0	70.1	15,000 *	95.0	65.3	10,100 *	95.0	74.7	8,400 *
70.0	62.1	39,600 *	70.0	67.0	31,300 *	70.0	67.5	34,600 *	70.0	74.9	24,400 *	100.0	60.0	16,700 *	100.0	68.0	14,600 *	100.0	63.6	9,800 *	100.0	72.9	8,200 *
75.0	59.5	38,000 *	75.0	64.3	30,000 *	75.0	65.3	32,400 *	75.0	72.7	23,200 *	105.0	58.0	16,300 *	105.0	65.9	14,000 *	105.0	61.8	9,500 *	105.0	71.1	8,000 *
80.0	56.8	36,500 *	80.0	61.6	28,800 *	80.0	63.1	30,400 *	80.0	70.5	22,100 *	110.0	55.9	15,900 *	110.0	63.7	13,600 *	110.0	60.1	9,200 *	110.0	69.3	7,800 *
85.0	54.0	35,100 *	85.0	58.7	27,800 *	85.0	60.9	28,700 *	85.0	68.2	21,200 *	115.0	53.7	15,500 *	115.0	61.5	13,100 *	115.0	58.2	8,900 *	115.0	67.4	7,600 *
90.0	51.1	33,800 *	90.0	55.7	26,900 *	90.0	58.6	27,100 *	90.0	65.9	20,300 *	120.0	51.5	15,100 *	120.0	59.1	12,700 *	120.0	56.4	8,600 *	120.0	65.5	7,500 *
95.0	48.1	32,600 *	95.0	52.6	25,900 *	95.0	56.2	25,800 *	95.0	63.4	19,500 *	125.0	49.2	14,800 *	125.0	56.7	12,300 *	125.0	54.5	8,400 *	125.0	63.5	7,300 *
100.0	45.0	31,500 *	100.0	49.3	25,200 *	100.0	53.8	24,500 *	100.0	60.9	18,800 *	130.0	46.8	14,500 *	130.0	54.2	11,900 *	130.0	52.5	8,200 *	130.0	61.5	7,200 *
105.0	41.6	30,500 *	105.0	45.8	24,600 *	105.0	51.2	23,400 *	105.0	58.3	18,200 *	135.0	44.3	14,200 *	135.0	51.5	11,600 *	135.0	50.5	7,900 *	135.0	59.4	7,100 *
110.0	38.0	29,600 *	110.0	41.9	24,000 *	110.0	48.6	22,300 *	110.0	55.6	17,600 *	140.0	41.6	13,900 *	140.0	48.7	11,300 *	140.0	48.4	7,700 *	140.0	57.2	6,900 *
115.0	34.0	28,500 *	115.0			115.0	45.8	21,400 *	115.0	52.8	17,100 *	145.0	38.8	13,700 *	145.0	45.7	11,000 *	145.0	46.3	7,600 *	145.0	54.9	6,800 *
120.0	29.5	27,500 *	120.0			120.0	42.9	20,600 *	120.0	49.8	16,600 *	150.0	35.8	13,500 *	150.0	42.4	10,800 *	150.0	44.0	7,400 *	150.0	52.6	6,700 *
125.0			125.0			125.0	39.8	19,800 *	125.0	46.6	16,200 *	155.0			155.0			155.0	41.7	7,200 *	155.0	50.1	6,700 *
130.0			130.0			130.0	36.4	19,100 *	130.0	43.1	15,900 *	160.0			160.0			160.0	39.2	7,100 *	160.0	47.4	6,600 *
135.0			135.0			135.0	32.7	18,500 *	135.0			165.0			165.0			165.0	36.6	6,900 *	165.0	44.6	6,500 *
140.0			140.0			140.0	28.6	17,900 *	140.0			170.0			170.0			170.0	33.7	6,800 *	170.0	41.5	6,500 *
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

Note : Designed and rated to comply with ASME 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 31 to 32.



CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

100 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
34.0	80.0	59,000 *	34.0			34.0			34.0			46.0	80.4	22,200 *	46.0			46.0			46.0		
36.0	79.2	58,200	36.0			36.0			36.0			48.0	79.8	22,000 *	48.0			48.0			48.0		
38.0	78.4	57,400	38.0			38.0			38.0			50.0	79.1	21,900 *	50.0			50.0	80.3	13,400 *	50.0		
40.0	77.5	56,600	40.0			40.0	80.4	42,800 *	40.0			55.0	77.5	21,500 *	55.0			55.0	78.8	13,100 *	55.0		
42.0	76.7	55,500	42.0			42.0	79.7	42,600 *	42.0			60.0	75.8	21,200 *	60.0			60.0	77.3	12,900 *	60.0		
44.0	75.8	54,400 *	44.0			44.0	78.9	42,400 *	44.0			65.0	74.2	20,900 *	65.0			65.0	75.9	12,600 *	65.0		
46.0	74.9	52,200 *	46.0	79.8	37,900	46.0	78.2	42,100 *	46.0			70.0	72.5	20,600 *	70.0	80.4	16,900 *	70.0	74.4	12,400 *	70.0		
48.0	74.1	51,200 *	48.0	78.9	37,900	48.0	77.4	41,900 *	48.0			75.0	70.8	19,900 *	75.0	78.7	16,500 *	75.0	72.8	12,000 *	75.0		
50.0	73.2	50,200 *	50.0	78.0	37,100	50.0	76.7	41,300 *	50.0			80.0	69.1	19,300 *	80.0	76.9	16,100 *	80.0	71.3	11,600 *	80.0	80.4	9,300 *
55.0	71.0	47,600 *	55.0	75.8	35,900 *	55.0	74.8	40,300 *	55.0			85.0	67.3	18,700 *	85.0	75.1	15,800 *	85.0	69.8	11,200 *	85.0	78.8	9,000 *
60.0	68.8	45,200 *	60.0	73.5	34,800 *	60.0	72.9	39,400 *	60.0	79.9	27,800 *	90.0	65.5	18,200 *	90.0	73.2	15,500 *	90.0	68.2	10,800 *	90.0	77.2	8,800 *
65.0	66.6	43,100 *	65.0	71.2	33,800 *	65.0	71.0	38,600 *	65.0	78.0	26,300 *	95.0	63.7	17,600 *	95.0	71.4	15,100 *	95.0	66.6	10,400 *	95.0	75.5	8,600 *
70.0	64.3	41,200 *	70.0	68.9	32,300 *	70.0	69.0	36,300 *	70.0	76.0	25,000 *	100.0	61.9	17,200 *	100.0	69.5	14,900 *	100.0	65.0	10,100 *	100.0	73.9	8,300 *
75.0	61.9	39,500 *	75.0	66.5	31,000 *	75.0	67.0	34,000 *	75.0	73.9	23,800 *	105.0	60.0	16,700 *	105.0	67.5	14,400 *	105.0	63.4	9,700 *	105.0	72.2	8,100 *
80.0	59.5	37,900 *	80.0	64.0	29,800 *	80.0	65.0	31,900 *	80.0	71.9	22,800 *	110.0	58.1	16,300 *	110.0	65.5	14,000 *	110.0	61.7	9,400 *	110.0	70.5	8,000 *
85.0	57.0	36,600 *	85.0	61.4	28,700 *	85.0	62.9	30,200 *	85.0	69.8	21,800 *	115.0	56.1	15,900 *	115.0	63.5	13,500 *	115.0	60.0	9,100 *	115.0	68.8	7,800 *
90.0	54.5	35,300 *	90.0	58.8	27,800 *	90.0	60.8	28,500 *	90.0	67.6	21,000 *	120.0	54.1	15,500 *	120.0	61.4	13,100 *	120.0	58.3	8,900 *	120.0	67.0	7,600 *
95.0	51.8	34,100 *	95.0	56.1	26,900 *	95.0	58.7	27,100 *	95.0	65.5	20,200 *	125.0	52.0	15,200 *	125.0	59.2	12,700 *	125.0	56.6	8,600 *	125.0	65.2	7,500 *
100.0	49.1	33,000 *	100.0	53.2	26,100 *	100.0	56.5	25,800 *	100.0	63.2	19,500 *	130.0	49.9	14,900 *	130.0	56.9	12,300 *	130.0	54.8	8,400 *	130.0	63.3	7,300 *
105.0	46.2	31,900	105.0	50.2	25,400 *	105.0	54.2	24,600 *	105.0	60.9	18,800 *	135.0	47.6	14,600 *	135.0	54.6	12,000 *	135.0	52.9	8,200 *	135.0	61.4	7,200 *
110.0	43.2	30,900	110.0	47.1	24,800 *	110.0	51.8	23,500 *	110.0	58.5	18,200 *	140.0	45.3	14,300 *	140.0	52.1	11,700 *	140.0	51.0	8,000 *	140.0	59.4	7,100 *
115.0	40.0	30,000	115.0	43.7	24,200 *	115.0	49.4	22,500 *	115.0	56.0	17,700 *	145.0	42.9	14,000 *	145.0	49.6	11,400 *	145.0	49.1	7,800 *	145.0	57.4	6,900 *
120.0	36.5	29,100	120.0	40.0	23,700 *	120.0	46.9	21,700 *	120.0	53.4	17,200 *	150.0	40.3	13,800 *	150.0	46.8	11,100 *	150.0	47.1	7,600 *	150.0	55.2	6,800 *
125.0	32.6	28,000	125.0			125.0	44.2	20,900 *	125.0	50.6	16,700 *	155.0	37.6	13,600 *	155.0	43.9	10,900 *	155.0	45.0	7,500 *	155.0	53.0	6,700 *
130.0	28.3	27,000	130.0			130.0	41.4	20,100 *	130.0	47.7	16,300 *	160.0	34.7	13,400 *	160.0	40.7	10,700 *	160.0	42.8	7,300 *	160.0	50.7	6,700 *
135.0			135.0			135.0	38.4	19,400 *	135.0	44.6	16,000 *	165.0			165.0			165.0	40.5	7,100 *	165.0	48.3	6,600 *
140.0			140.0			140.0	35.1	18,800 *	140.0	41.2	15,700 *	170.0			170.0			170.0	38.1	7,000 *	170.0	45.7	6,500 *
												175.0			175.0			175.0	35.5	6,900 *	175.0	42.9	6,500 *
												180.0			180.0			180.0	32.8	6,700 *	180.0	39.9	6,400 *
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

Note : Designed and rated to comply with ASME 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 31 to 32.



CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

110 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
36.0	79.9	59,000 *	36.0			36.0			36.0			48.0	80.3	22,200 *	48.0			48.0			48.0		
38.0	79.1	58,400	38.0			38.0			38.0			50.0	79.7	22,000 *	50.0			50.0			50.0		
40.0	78.4	57,800	40.0			40.0			40.0			55.0	78.2	21,600 *	55.0			55.0	79.4	13,200 *	55.0		
42.0	77.6	56,700	42.0			42.0	80.3	42,700 *	42.0			60.0	76.6	21,300 *	60.0			60.0	78.0	13,000 *	60.0		
44.0	76.8	55,600	44.0			44.0	79.6	42,500 *	44.0			65.0	75.0	21,000 *	65.0			65.0	76.5	12,700 *	65.0		
46.0	76.0	53,600	46.0			46.0	78.9	42,100 *	46.0			70.0	73.4	20,700 *	70.0			70.0	75.1	12,500 *	70.0		
48.0	75.2	52,600 *	48.0	79.7	37,900	48.0	78.2	41,800 *	48.0			75.0	71.8	20,300 *	75.0	79.3	16,600 *	75.0	73.7	12,300 *	75.0		
50.0	74.4	51,600 *	50.0	78.9	37,500	50.0	77.5	41,600 *	50.0			80.0	70.2	19,700 *	80.0	77.6	16,300 *	80.0	72.2	11,800 *	80.0		
55.0	72.4	49,000 *	55.0	76.8	36,400	55.0	75.7	40,700 *	55.0			85.0	68.6	19,100 *	85.0	75.9	15,900 *	85.0	70.8	11,400 *	85.0	79.4	9,100 *
60.0	70.3	46,700 *	60.0	74.7	35,300 *	60.0	73.9	39,900 *	60.0	80.6	28,300 *	90.0	66.9	18,600 *	90.0	74.2	15,600 *	90.0	69.3	11,000 *	90.0	77.8	8,900 *
65.0	68.2	44,600 *	65.0	72.6	34,400 *	65.0	72.1	39,000 *	65.0	78.7	26,900 *	95.0	65.2	18,000 *	95.0	72.5	15,300 *	95.0	67.8	10,600 *	95.0	76.3	8,600 *
70.0	66.1	42,700 *	70.0	70.5	33,200 *	70.0	70.3	37,900 *	70.0	76.9	25,600 *	100.0	63.5	17,600 *	100.0	70.7	15,000 *	100.0	66.3	10,300 *	100.0	74.8	8,400 *
75.0	64.0	41,000 *	75.0	68.3	31,900 *	75.0	68.5	35,600 *	75.0	75.0	24,400 *	105.0	61.8	17,100 *	105.0	68.9	14,800 *	105.0	64.8	10,000 *	105.0	73.2	8,200 *
80.0	61.8	39,400 *	80.0	66.0	30,700 *	80.0	66.6	33,500 *	80.0	73.1	23,400 *	110.0	60.0	16,700 *	110.0	67.1	14,300 *	110.0	63.2	9,700 *	110.0	71.6	8,100 *
85.0	59.5	37,900	85.0	63.7	29,600 *	85.0	64.7	31,600 *	85.0	71.2	22,400 *	115.0	58.2	16,300 *	115.0	65.2	13,800 *	115.0	61.7	9,400 *	115.0	70.0	7,900 *
90.0	57.2	36,600	90.0	61.3	28,700 *	90.0	62.8	29,900 *	90.0	69.2	21,600 *	120.0	56.3	15,900 *	120.0	63.3	13,400 *	120.0	60.0	9,100 *	120.0	68.3	7,700 *
95.0	54.9	35,400	95.0	58.9	27,700 *	95.0	60.8	28,500 *	95.0	67.2	20,800 *	125.0	54.4	15,600 *	125.0	61.3	13,000 *	125.0	58.4	8,900 *	125.0	66.6	7,600 *
100.0	52.4	34,300	100.0	56.4	26,900 *	100.0	58.8	27,100 *	100.0	65.1	20,100 *	130.0	52.5	15,300 *	130.0	59.2	12,700 *	130.0	56.7	8,700 *	130.0	64.9	7,400 *
105.0	49.9	33,300	105.0	53.8	26,200 *	105.0	56.7	25,900 *	105.0	63.0	19,400 *	135.0	50.5	15,000 *	135.0	57.1	12,300 *	135.0	55.0	8,400 *	135.0	63.1	7,300 *
110.0	47.3	32,300	110.0	51.0	25,500 *	110.0	54.6	24,700 *	110.0	60.8	18,800 *	140.0	48.4	14,700 *	140.0	55.0	12,000 *	140.0	53.3	8,200 *	140.0	61.3	7,200 *
115.0	44.5	30,900	115.0	48.1	24,900 *	115.0	52.4	23,700 *	115.0	58.6	18,200 *	145.0	46.2	14,400 *	145.0	52.7	11,700 *	145.0	51.5	8,000 *	145.0	59.4	7,100 *
120.0	41.6	29,500	120.0	45.1	24,400 *	120.0	50.1	22,800 *	120.0	56.2	17,700 *	150.0	44.0	14,200 *	150.0	50.3	11,400 *	150.0	49.7	7,800 *	150.0	57.5	6,900 *
125.0	38.5	27,900	125.0			125.0	47.8	21,900 *	125.0	53.8	17,300 *	155.0	41.6	13,900 *	155.0	47.8	11,200 *	155.0	47.8	7,700 *	155.0	55.5	6,800 *
130.0	35.1	26,500	130.0			130.0	45.3	21,100 *	130.0	51.3	16,800 *	160.0	39.1	13,700 *	160.0	45.1	11,000 *	160.0	45.8	7,500 *	160.0	53.5	6,700 *
135.0			135.0			135.0	42.7	20,400 *	135.0	48.7	16,500 *	165.0	36.5	13,500 *	165.0			165.0	43.8	7,300 *	165.0	51.3	6,700 *
140.0			140.0			140.0	40.0	19,700 *	140.0	45.8	16,100 *	170.0	33.6	13,400 *	170.0			170.0	41.7	7,200 *	170.0	49.1	6,600 *
145.0			145.0			145.0	37.1	19,100 *	145.0			175.0			175.0			175.0	39.4	7,100 *	175.0	46.7	6,500 *
150.0			150.0			150.0	34.0	18,600 *	150.0			180.0			180.0			180.0	37.1	6,900 *	180.0	44.2	6,500 *
												185.0			185.0			185.0	34.6	6,800 *	185.0		
												190.0			190.0			190.0	31.9	6,700 *	190.0		
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

Note : Designed and rated to comply with ASME 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 31 to 32.



CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

120 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
38.0	79.8	59,000 *	38.0			38.0			38.0			50.0	80.2	22,100 *	50.0			50.0			50.0		
40.0	79.1	59,000 *	40.0			40.0			40.0			55.0	78.8	21,800 *	55.0			55.0	79.9	13,300 *	55.0		
42.0	78.4	59,000 *	42.0			42.0			42.0			60.0	77.3	21,500 *	60.0			60.0	78.5	13,100 *	60.0		
44.0	77.6	59,000 *	44.0			44.0	80.2	42,600 *	44.0			65.0	75.8	21,200 *	65.0			65.0	77.2	12,800 *	65.0		
46.0	76.9	55,000	46.0			46.0	79.5	42,300 *	46.0			70.0	74.3	20,900 *	70.0			70.0	75.8	12,600 *	70.0		
48.0	76.1	54,100	48.0			48.0	78.9	42,100 *	48.0			75.0	72.8	20,600 *	75.0	79.9	16,800 *	75.0	74.5	12,400 *	75.0		
50.0	75.4	53,100 *	50.0	79.6	37,900	50.0	78.2	41,900 *	50.0			80.0	71.3	20,100 *	80.0	78.3	16,400 *	80.0	73.1	12,100 *	80.0		
55.0	73.5	50,400 *	55.0	77.7	36,800	55.0	76.6	41,100 *	55.0			85.0	69.7	19,500 *	85.0	76.7	16,100 *	85.0	71.7	11,700 *	85.0	79.9	9,200 *
60.0	71.6	48,000 *	60.0	75.8	35,800 *	60.0	74.9	40,200 *	60.0			90.0	68.2	19,000 *	90.0	75.1	15,800 *	90.0	70.3	11,300 *	90.0	78.5	9,000 *
65.0	69.7	45,900 *	65.0	73.8	34,900 *	65.0	73.2	39,400 *	65.0	79.4	27,400 *	95.0	66.6	18,400 *	95.0	73.5	15,500 *	95.0	68.9	10,900 *	95.0	77.0	8,700 *
70.0	67.7	44,000 *	70.0	71.8	34,000 *	70.0	71.5	38,700 *	70.0	77.7	26,100 *	100.0	65.0	18,000 *	100.0	71.8	15,200 *	100.0	67.5	10,600 *	100.0	75.5	8,500 *
75.0	65.7	42,200 *	75.0	69.8	32,700 *	75.0	69.8	37,100 *	75.0	75.9	24,900 *	105.0	63.3	17,500 *	105.0	70.1	14,900 *	105.0	66.0	10,200 *	105.0	74.0	8,300 *
80.0	63.7	40,700	80.0	67.7	31,500 *	80.0	68.0	34,900 *	80.0	74.1	23,900 *	110.0	61.7	17,100 *	110.0	68.4	14,700 *	110.0	64.6	9,900 *	110.0	72.5	8,200 *
85.0	61.7	39,200	85.0	65.6	30,500 *	85.0	66.2	33,000 *	85.0	72.3	23,000 *	115.0	60.0	16,700 *	115.0	66.7	14,200 *	115.0	63.1	9,600 *	115.0	71.0	8,000 *
90.0	59.6	37,900	90.0	63.5	29,500 *	90.0	64.4	31,300 *	90.0	70.5	22,200 *	120.0	58.3	16,300 *	120.0	64.9	13,800 *	120.0	61.6	9,400 *	120.0	69.5	7,800 *
95.0	57.4	36,750	95.0	61.2	28,500 *	95.0	62.6	29,800 *	95.0	68.6	21,300 *	125.0	56.5	16,000 *	125.0	63.1	13,400 *	125.0	60.0	9,100 *	125.0	67.9	7,700 *
100.0	55.2	35,600	100.0	59.0	27,700 *	100.0	60.7	28,300 *	100.0	66.7	20,600 *	130.0	54.7	15,600 *	130.0	61.2	13,000 *	130.0	58.5	8,900 *	130.0	66.3	7,500 *
105.0	52.9	34,250	105.0	56.6	27,000 *	105.0	58.8	27,100 *	105.0	64.8	20,000 *	135.0	52.9	15,300 *	135.0	59.3	12,700 *	135.0	56.9	8,700 *	135.0	64.6	7,400 *
110.0	50.6	32,900	110.0	54.2	26,300 *	110.0	56.9	25,900 *	110.0	62.8	19,400 *	140.0	51.0	15,000 *	140.0	57.3	12,300 *	140.0	55.3	8,400 *	140.0	62.9	7,300 *
115.0	48.2	30,800	115.0	51.7	25,600 *	115.0	54.9	24,900 *	115.0	60.8	18,800 *	145.0	49.0	14,700 *	145.0	55.3	12,000 *	145.0	53.6	8,200 *	145.0	61.2	7,100 *
120.0	45.6	29,100	120.0	49.1	25,100 *	120.0	52.8	23,900 *	120.0	58.7	18,300 *	150.0	47.0	14,500 *	150.0	53.1	11,800 *	150.0	51.9	8,100 *	150.0	59.5	7,000 *
125.0	43.0	27,600	125.0	46.3	24,600 *	125.0	50.7	23,000 *	125.0	56.5	17,800 *	155.0	44.9	14,200 *	155.0	50.9	11,500 *	155.0	50.2	7,900 *	155.0	57.7	6,900 *
130.0	40.1	26,100	130.0	43.3	24,100 *	130.0	48.5	22,200 *	130.0	54.2	17,300 *	160.0	42.7	14,000 *	160.0	48.6	11,300 *	160.0	48.4	7,700 *	160.0	55.8	6,800 *
135.0	37.1	24,800	135.0			135.0	46.3	21,400 *	135.0	51.9	16,900 *	165.0	40.4	13,800 *	165.0	46.2	11,000 *	165.0	46.6	7,500 *	165.0	53.8	6,700 *
140.0	33.9	23,500	140.0			140.0	43.9	20,700 *	140.0	49.5	16,600 *	170.0	38.0	13,600 *	170.0	43.6	10,900 *	170.0	44.7	7,400 *	170.0	51.8	6,700 *
145.0			145.0			145.0	41.4	20,000 *	145.0	46.9	16,200 *	175.0	35.5	13,400 *	175.0			175.0	42.7	7,300 *	175.0	49.7	6,600 *
150.0			150.0			150.0	38.7	19,400 *	150.0	44.2	15,900 *	180.0	32.7	13,300 *	180.0			180.0	40.6	7,100 *	180.0	47.5	6,500 *
155.0			155.0			155.0	35.9	18,900 *	155.0			185.0			185.0			185.0	38.4	7,000 *	185.0	45.2	6,500 *
160.0			160.0			160.0	32.9	18,400 *	160.0			190.0			190.0			190.0	36.1	6,900 *	190.0	42.7	6,500 *
												195.0			195.0			195.0	33.7	6,800 *	195.0		
												200.0			200.0			200.0	31.1	6,700 *	200.0		
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

Note : Designed and rated to comply with ASME 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 31 to 32.



CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

130 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
40.0	79.8	59,000 *	40.0			40.0			40.0			55.0	79.3	21,900 *	55.0			55.0	80.3	13,400 *	55.0		
42.0	79.1	58,400	42.0			42.0			42.0			60.0	77.9	21,600 *	60.0			60.0	79.0	13,100 *	60.0		
44.0	78.4	57,800	44.0			44.0			44.0			65.0	76.5	21,300 *	65.0			65.0	77.7	12,900 *	65.0		
46.0	77.7	56,200	46.0			46.0	80.1	42,500 *	46.0			70.0	75.1	21,000 *	70.0			70.0	76.5	12,700 *	70.0		
48.0	77.0	55,300	48.0			48.0	79.5	42,300 *	48.0			75.0	73.7	20,700 *	75.0	80.4	16,900 *	75.0	75.2	12,500 *	75.0		
50.0	76.3	54,300	50.0			50.0	78.8	42,200 *	50.0			80.0	72.2	20,400 *	80.0	78.9	16,500 *	80.0	73.9	12,300 *	80.0		
55.0	74.5	51,800 *	55.0	78.5	37,200	55.0	77.3	41,400 *	55.0			85.0	70.7	19,900 *	85.0	77.4	16,200 *	85.0	72.5	11,900 *	85.0	80.4	9,200 *
60.0	72.7	49,400 *	60.0	76.7	36,300 *	60.0	75.7	40,600 *	60.0			90.0	69.3	19,300 *	90.0	75.9	15,900 *	90.0	71.2	11,500 *	90.0	79.0	9,000 *
65.0	70.9	47,200 *	65.0	74.8	35,300 *	65.0	74.1	39,800 *	65.0	80.0	27,800 *	95.0	67.8	18,800 *	95.0	74.4	15,600 *	95.0	69.9	11,100 *	95.0	77.6	8,800 *
70.0	69.1	45,300 *	70.0	73.0	34,400 *	70.0	72.5	39,000 *	70.0	78.4	26,600 *	100.0	66.3	18,300 *	100.0	72.8	15,300 *	100.0	68.5	10,800 *	100.0	76.2	8,600 *
75.0	67.3	43,500 *	75.0	71.1	33,500 *	75.0	70.9	38,400 *	75.0	76.7	25,400 *	105.0	64.7	17,900 *	105.0	71.2	15,100 *	105.0	67.1	10,500 *	105.0	74.8	8,400 *
80.0	65.4	42,000	80.0	69.2	32,300 *	80.0	69.3	36,300 *	80.0	75.1	24,400 *	110.0	63.2	17,500 *	110.0	69.6	14,900 *	110.0	65.8	10,200 *	110.0	73.4	8,200 *
85.0	63.5	40,500	85.0	67.2	31,300 *	85.0	67.6	34,300 *	85.0	73.4	23,500 *	115.0	61.6	17,000 *	115.0	68.0	14,500 *	115.0	64.4	9,900 *	115.0	72.0	8,100 *
90.0	61.6	39,200	90.0	65.3	30,300 *	90.0	65.9	32,600 *	90.0	71.7	22,700 *	120.0	60.0	16,700 *	120.0	66.3	14,100 *	120.0	62.9	9,600 *	120.0	70.5	7,900 *
95.0	59.6	37,900	95.0	63.2	29,300 *	95.0	64.2	31,000 *	95.0	69.9	21,800 *	125.0	58.4	16,300 *	125.0	64.6	13,700 *	125.0	61.5	9,300 *	125.0	69.0	7,800 *
100.0	57.6	36,700	100.0	61.2	28,500 *	100.0	62.5	29,500 *	100.0	68.2	21,100 *	130.0	56.7	16,000 *	130.0	62.9	13,300 *	130.0	60.0	9,100 *	130.0	67.5	7,600 *
105.0	55.5	34,600	105.0	59.0	27,700 *	105.0	60.7	28,200 *	105.0	66.4	20,500 *	135.0	55.0	15,700 *	135.0	61.1	13,000 *	135.0	58.6	8,900 *	135.0	66.0	7,500 *
110.0	53.4	32,500	110.0	56.9	27,000 *	110.0	58.9	27,000 *	110.0	64.5	19,900 *	140.0	53.2	15,400 *	140.0	59.3	12,600 *	140.0	57.0	8,700 *	140.0	64.4	7,400 *
115.0	51.2	30,500	115.0	54.6	26,300 *	115.0	57.1	25,900 *	115.0	62.6	19,300 *	145.0	51.5	15,100 *	145.0	57.5	12,300 *	145.0	55.5	8,500 *	145.0	62.8	7,200 *
120.0	48.9	28,700	120.0	52.3	25,700 *	120.0	55.2	24,900 *	120.0	60.7	18,700 *	150.0	49.6	14,800 *	150.0	55.5	12,100 *	150.0	53.9	8,300 *	150.0	61.2	7,100 *
125.0	46.6	27,200	125.0	49.8	25,200 *	125.0	53.2	24,000 *	125.0	58.7	18,300 *	155.0	47.7	14,600 *	155.0	53.5	11,800 *	155.0	52.3	8,100 *	155.0	59.5	7,000 *
130.0	44.1	25,700	130.0	47.3	24,700 *	130.0	51.3	23,100 *	130.0	56.7	17,800 *	160.0	45.8	14,300 *	160.0	51.5	11,500 *	160.0	50.7	7,900 *	160.0	57.8	6,900 *
135.0	41.6	24,400	135.0	44.6	24,300 *	135.0	49.2	22,300 *	135.0	54.6	17,400 *	165.0	43.7	14,100 *	165.0	49.3	11,300 *	165.0	49.0	7,700 *	165.0	56.0	6,800 *
140.0	38.8	23,100	140.0	41.8	23,400	140.0	47.1	21,600 *	140.0	52.4	17,000 *	170.0	41.6	13,900 *	170.0	47.1	11,100 *	170.0	47.2	7,600 *	170.0	54.2	6,700 *
145.0	35.9	21,900	145.0			145.0	44.9	20,900 *	145.0	50.2	16,600 *	175.0	39.4	13,700 *	175.0	44.7	10,900 *	175.0	45.4	7,500 *	175.0	52.3	6,700 *
150.0	32.8	20,900	150.0			150.0	42.6	20,300 *	150.0	47.8	16,300 *	180.0	37.0	13,500 *	180.0	42.1	10,800 *	180.0	43.6	7,300 *	180.0	50.3	6,600 *
155.0			155.0			155.0	40.2	19,700	155.0	45.3	16,000 *	185.0	34.5	13,400 *	185.0			185.0	41.6	7,200 *	185.0	48.3	6,500 *
160.0			160.0			160.0	37.6	19,200	160.0	42.6	15,800 *	190.0	31.8	13,200 *	190.0			190.0	39.6	7,100 *	190.0	46.1	6,500 *
165.0			165.0			165.0	34.9	18,400	165.0			195.0			195.0			195.0	37.5	6,900 *	195.0	43.9	6,500 *
170.0			170.0			170.0	31.9	17,700	170.0			200.0			200.0			200.0	35.3	6,800 *	200.0	41.4	6,400 *
												205.0			205.0			205.0	32.9	6,700 *	205.0		
												210.0			210.0			210.0	30.3	6,700 *	210.0		
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

Note : Designed and rated to comply with ASME 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 31 to 32.



CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

140 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
40.0	80.3	59,000 *	40.0			40.0			40.0			55.0	79.8	22,000 *	55.0			55.0			55.0		
42.0	79.7	58,800	42.0			42.0			42.0			60.0	78.5	21,700 *	60.0			60.0	79.5	13,200 *	60.0		
44.0	79.0	58,600	44.0			44.0			44.0			65.0	77.1	21,400 *	65.0			65.0	78.3	13,000 *	65.0		
46.0	78.4	57,400	46.0			46.0			46.0			70.0	75.8	21,100 *	70.0			70.0	77.0	12,800 *	70.0		
48.0	77.7	56,400	48.0			48.0	80.0	42,500 *	48.0			75.0	74.4	20,900 *	75.0			75.0	75.8	12,600 *	75.0		
50.0	77.1	55,400	50.0			50.0	79.4	42,400 *	50.0			80.0	73.0	20,600 *	80.0	79.5	16,600 *	80.0	74.5	12,400 *	80.0		
55.0	75.4	53,000 *	55.0	79.2	37,600	55.0	77.9	41,600 *	55.0			85.0	71.7	20,200 *	85.0	78.0	16,300 *	85.0	73.3	12,100 *	85.0		
60.0	73.7	50,600 *	60.0	77.5	36,600	60.0	76.4	40,900 *	60.0			90.0	70.3	19,700 *	90.0	76.6	16,000 *	90.0	72.0	11,700 *	90.0	79.5	9,100 *
65.0	72.0	48,500 *	65.0	75.7	35,700 *	65.0	74.9	40,100 *	65.0	80.5	28,300 *	95.0	68.9	19,200 *	95.0	75.2	15,700 *	95.0	70.8	11,400 *	95.0	78.2	8,900 *
70.0	70.3	46,600 *	70.0	74.0	34,900 *	70.0	73.4	39,400 *	70.0	79.0	27,100 *	100.0	67.4	18,700 *	100.0	73.7	15,500 *	100.0	69.5	11,000 *	100.0	76.9	8,700 *
75.0	68.6	44,800	75.0	72.2	34,100 *	75.0	71.9	38,700 *	75.0	77.4	25,900 *	105.0	66.0	18,200 *	105.0	72.2	15,200 *	105.0	68.2	10,700 *	105.0	75.5	8,500 *
80.0	66.9	43,200	80.0	70.5	33,100 *	80.0	70.4	37,700 *	80.0	75.9	24,900 *	110.0	64.5	17,800 *	110.0	70.7	15,000 *	110.0	66.9	10,400 *	110.0	74.2	8,300 *
85.0	65.1	41,700	85.0	68.7	32,000 *	85.0	68.8	35,700 *	85.0	74.3	24,000 *	115.0	63.0	17,400 *	115.0	69.2	14,800 *	115.0	65.5	10,100 *	115.0	72.8	8,200 *
90.0	63.3	40,300	90.0	66.8	31,000 *	90.0	67.2	33,900 *	90.0	72.7	23,200 *	120.0	61.5	17,000 *	120.0	67.6	14,400 *	120.0	64.2	9,800 *	120.0	71.4	8,000 *
95.0	61.5	38,400	95.0	65.0	30,000 *	95.0	65.6	32,300 *	95.0	71.0	22,400 *	125.0	60.0	16,700 *	125.0	66.0	14,000 *	125.0	62.8	9,600 *	125.0	70.0	7,800 *
100.0	59.6	36,500	100.0	63.0	29,200 *	100.0	64.0	30,700 *	100.0	69.4	21,600 *	130.0	58.4	16,300 *	130.0	64.4	13,600 *	130.0	61.4	9,300 *	130.0	68.6	7,700 *
105.0	57.7	34,100	105.0	61.1	28,400 *	105.0	62.3	29,400 *	105.0	67.7	21,000 *	135.0	56.9	16,000 *	135.0	62.8	13,300 *	135.0	60.0	9,100 *	135.0	67.2	7,600 *
110.0	55.8	32,000	110.0	59.1	27,700 *	110.0	60.7	28,100 *	110.0	66.0	20,300 *	140.0	55.2	15,700 *	140.0	61.1	12,900 *	140.0	58.6	8,900 *	140.0	65.7	7,500 *
115.0	53.8	30,000	115.0	57.1	27,000 *	115.0	59.0	27,000 *	115.0	64.3	19,800 *	145.0	53.6	15,400 *	145.0	59.4	12,600 *	145.0	57.2	8,700 *	145.0	64.2	7,300 *
120.0	51.7	28,300	120.0	54.9	26,400 *	120.0	57.2	26,000 *	120.0	62.5	19,200 *	150.0	51.9	15,100 *	150.0	57.6	12,300 *	150.0	55.7	8,500 *	150.0	62.7	7,200 *
125.0	49.6	26,700	125.0	52.8	25,800 *	125.0	55.4	25,000 *	125.0	60.7	18,700 *	155.0	50.1	14,900 *	155.0	55.8	12,100 *	155.0	54.2	8,300 *	155.0	61.1	7,100 *
130.0	47.4	25,200	130.0	50.5	25,300 *	130.0	53.6	24,100 *	130.0	58.8	18,300 *	160.0	48.4	14,600 *	160.0	53.9	11,800 *	160.0	52.7	8,100 *	160.0	59.5	7,000 *
135.0	45.1	23,900	135.0	48.2	24,300	135.0	51.7	23,300	135.0	56.9	17,900 *	165.0	46.5	14,400 *	165.0	52.0	11,600 *	165.0	51.1	7,900 *	165.0	57.9	6,900 *
140.0	42.8	22,600	140.0	45.7	22,900	140.0	49.8	22,500	140.0	54.9	17,400 *	170.0	44.6	14,200 *	170.0	50.0	11,400 *	170.0	49.5	7,800 *	170.0	56.2	6,800 *
145.0	40.3	21,500	145.0	43.1	21,800	145.0	47.8	21,700	145.0	52.9	17,100 *	175.0	42.6	14,000 *	175.0	47.8	11,200 *	175.0	47.8	7,600 *	175.0	54.5	6,700 *
150.0	37.7	20,400	150.0	40.3	20,700	150.0	45.8	20,900	150.0	50.8	16,700 *	180.0	40.5	13,800 *	180.0	45.6	11,000 *	180.0	46.1	7,500 *	180.0	52.7	6,700 *
155.0	34.9	19,400	155.0			155.0	43.6	19,900	155.0	48.6	16,400 *	185.0	38.4	13,600 *	185.0	43.3	10,800 *	185.0	44.4	7,300 *	185.0	50.9	6,600 *
160.0	31.8	18,500	160.0			160.0	41.4	18,900	160.0	46.3	16,100 *	190.0	36.1	13,500 *	190.0	40.8	10,700 *	190.0	42.6	7,200 *	190.0	48.9	6,500 *
165.0			165.0			165.0	39.0	18,000	165.0	43.8	15,900 *	195.0	33.6	13,300 *	195.0			195.0	40.7	7,100 *	195.0	46.9	6,500 *
170.0			170.0			170.0	36.6	17,200	170.0	41.2	15,700 *	200.0	31.0	13,200 *	200.0			200.0	38.7	7,000 *	200.0	44.8	6,500 *
175.0			175.0			175.0	33.9	16,400	175.0			205.0			205.0			205.0	36.6	6,900 *	205.0	42.6	6,400 *
180.0			180.0			180.0	31.0	15,700	180.0			210.0			210.0			210.0	34.5	6,800 *	210.0	40.2	6,400 *
												215.0			215.0			215.0	32.1	6,700 *	215.0		
												220.0			220.0			220.0	29.6	6,600 *	220.0		
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

Note : Designed and rated to comply with ASME 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 31 to 32.



CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

150 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
42.0	80.2	59,000 *	42.0			42.0			42.0			55.0	80.3	22,100 *	55.0			55.0			55.0		
44.0	79.6	59,000 *	44.0			44.0			44.0			60.0	79.0	21,800 *	60.0			60.0	79.9	13,300 *	60.0		
46.0	79.0	58,200	46.0			46.0			46.0			65.0	77.7	21,500 *	65.0			65.0	78.7	13,100 *	65.0		
48.0	78.4	57,400	48.0			48.0	80.5	42,700 *	48.0			70.0	76.4	21,200 *	70.0			70.0	77.6	12,900 *	70.0		
50.0	77.8	56,600	50.0			50.0	79.9	42,500 *	50.0			75.0	75.1	21,000 *	75.0			75.0	76.4	12,700 *	75.0		
55.0	76.2	54,000 *	55.0	79.8	37,900	55.0	78.5	41,900 *	55.0			80.0	73.8	20,700 *	80.0	80.0	16,700 *	80.0	75.2	12,500 *	80.0		
60.0	74.6	51,800 *	60.0	78.2	37,000	60.0	77.1	41,100 *	60.0			85.0	72.5	20,500 *	85.0	78.6	16,400 *	85.0	74.0	12,300 *	85.0		
65.0	73.0	49,600 *	65.0	76.5	36,100 *	65.0	75.7	40,400 *	65.0			90.0	71.2	20,000 *	90.0	77.2	16,200 *	90.0	72.8	11,900 *	90.0	80.0	9,100 *
70.0	71.4	47,700 *	70.0	74.9	35,300 *	70.0	74.3	39,700 *	70.0	79.6	27,500 *	95.0	69.8	19,500 *	95.0	75.9	15,900 *	95.0	71.6	11,600 *	95.0	78.7	8,900 *
75.0	69.8	45,900	75.0	73.3	34,500 *	75.0	72.8	39,000 *	75.0	78.1	26,300 *	100.0	68.5	19,000 *	100.0	74.5	15,600 *	100.0	70.3	11,200 *	100.0	77.4	8,700 *
80.0	68.2	44,300	80.0	71.6	33,800 *	80.0	71.3	38,400 *	80.0	76.6	25,400 *	105.0	67.1	18,600 *	105.0	73.1	15,400 *	105.0	69.1	10,900 *	105.0	76.2	8,600 *
85.0	66.5	42,800	85.0	69.9	32,700 *	85.0	69.9	37,000 *	85.0	75.1	24,500 *	110.0	65.7	18,200 *	110.0	71.6	15,100 *	110.0	67.8	10,600 *	110.0	74.9	8,400 *
90.0	64.8	41,400	90.0	68.2	31,700 *	90.0	68.4	35,100 *	90.0	73.6	23,600 *	115.0	64.3	17,700 *	115.0	70.2	14,900 *	115.0	66.6	10,300 *	115.0	73.6	8,200 *
95.0	63.1	38,700	95.0	66.4	30,700 *	95.0	66.9	33,500 *	95.0	72.1	22,800 *	120.0	62.9	17,400 *	120.0	68.7	14,700 *	120.0	65.3	10,000 *	120.0	72.3	8,100 *
100.0	61.4	36,100	100.0	64.7	29,900 *	100.0	65.3	31,900 *	100.0	70.5	22,100 *	125.0	61.5	17,000 *	125.0	67.2	14,300 *	125.0	64.0	9,800 *	125.0	70.9	7,900 *
105.0	59.6	33,800	105.0	62.9	29,100 *	105.0	63.8	30,550 *	105.0	68.9	21,400 *	130.0	60.0	16,700 *	130.0	65.7	13,900 *	130.0	62.7	9,500 *	130.0	69.6	7,800 *
110.0	57.8	31,700	110.0	61.0	28,400 *	110.0	62.2	29,200 *	110.0	67.3	20,800 *	135.0	58.5	16,300 *	135.0	64.2	13,600 *	135.0	61.4	9,300 *	135.0	68.2	7,700 *
115.0	56.0	29,600	115.0	59.2	27,600 *	115.0	60.6	28,100 *	115.0	65.7	20,200 *	140.0	57.0	16,000 *	140.0	62.6	13,200 *	140.0	60.0	9,100 *	140.0	66.9	7,500 *
120.0	54.1	27,900	120.0	57.2	27,000 *	120.0	59.0	27,000	120.0	64.0	19,700 *	145.0	55.5	15,700 *	145.0	61.0	12,900 *	145.0	58.7	8,900 *	145.0	65.4	7,400 *
125.0	52.2	26,300	125.0	55.2	26,400 *	125.0	57.4	26,000	125.0	62.4	19,200 *	150.0	53.9	15,500 *	150.0	59.4	12,600 *	150.0	57.3	8,700 *	150.0	64.0	7,300 *
130.0	50.2	24,900	130.0	53.2	25,400	130.0	55.7	25,100	130.0	60.6	18,700 *	155.0	52.3	15,200 *	155.0	57.7	12,300 *	155.0	55.9	8,500 *	155.0	62.6	7,200 *
135.0	48.2	23,500	135.0	51.1	24,000	135.0	53.9	23,900	135.0	58.9	18,300 *	160.0	50.6	14,900 *	160.0	56.0	12,100 *	160.0	54.4	8,300 *	160.0	61.1	7,100 *
140.0	46.0	22,200	140.0	48.9	22,600	140.0	52.2	22,700	140.0	57.1	17,900 *	165.0	48.9	14,700 *	165.0	54.2	11,800 *	165.0	53.0	8,100 *	165.0	59.5	7,000 *
145.0	43.8	21,100	145.0	46.6	21,500	145.0	50.3	21,600	145.0	55.2	17,500 *	170.0	47.2	14,500 *	170.0	52.4	11,600 *	170.0	51.5	8,000 *	170.0	58.0	6,900 *
150.0	41.5	20,000	150.0	44.2	20,300	150.0	48.5	20,500	150.0	53.3	17,100 *	175.0	45.4	14,300 *	175.0	50.5	11,400 *	175.0	50.0	7,800 *	175.0	56.4	6,800 *
155.0	39.1	19,000	155.0	41.7	19,300	155.0	46.5	19,500	155.0	51.3	16,800 *	180.0	43.5	14,100 *	180.0	48.5	11,200 *	180.0	48.4	7,700 *	180.0	54.8	6,700 *
160.0	36.6	18,100	160.0	39.1	18,300	160.0	44.5	18,500	160.0	49.3	16,500 *	185.0	41.6	13,900 *	185.0	46.5	11,000 *	185.0	46.8	7,500 *	185.0	53.1	6,700 *
165.0	33.9	17,200	165.0			165.0	42.5	17,700	165.0	47.1	16,200 *	190.0	39.6	13,700 *	190.0	44.3	10,900 *	190.0	45.1	7,400 *	190.0	51.3	6,600 *
170.0	30.9	16,400	170.0			170.0	40.3	16,800	170.0	44.9	16,000 *	195.0	37.4	13,600 *	195.0			195.0	43.4	7,300 *	195.0	49.5	6,600 *
175.0			175.0			175.0	38.0	16,100	175.0	42.5	15,800 *	200.0	35.2	13,300	200.0			200.0	41.6	7,100 *	200.0	47.6	6,500 *
180.0			180.0			180.0	35.6	15,300	180.0	40.0	15,500 *	205.0	32.8	12,800	205.0			205.0	39.8	7,000 *	205.0	45.7	6,500 *
185.0			185.0			185.0	33.0	14,700	185.0			210.0	30.2	12,300	210.0			210.0	37.9	6,900 *	210.0	43.6	6,400 *
190.0			190.0			190.0	30.2	14,000	190.0			215.0			215.0			215.0	35.8	6,800 *	215.0		
												220.0			220.0			220.0	33.7	6,700 *	220.0		
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-**contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.**

Note : Designed and rated to comply with **ASME 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 31 to 32.

CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

160 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
44.0	80.1	59,000 *	44.0			44.0			44.0			60.0	79.5	21,900 *	60.0			60.0	80.3	13,300 *	60.0		
46.0	79.6	58,600	46.0			46.0			46.0			65.0	78.2	21,600 *	65.0			65.0	79.2	13,100 *	65.0		
48.0	79.0	58,200	48.0			48.0			48.0			70.0	77.0	21,300 *	70.0			70.0	78.1	12,900 *	70.0		
50.0	78.4	57,700	50.0			50.0	80.4	42,600 *	50.0			75.0	75.8	21,100 *	75.0			75.0	76.9	12,700 *	75.0		
55.0	76.9	55,100	55.0			55.0	79.1	42,100 *	55.0			80.0	74.5	20,900 *	80.0	80.4	16,800 *	80.0	75.8	12,500 *	80.0		
60.0	75.4	52,800 *	60.0	78.8	37,300	60.0	77.7	41,400 *	60.0			85.0	73.3	20,600 *	85.0	79.1	16,500 *	85.0	74.6	12,300 *	85.0		
65.0	73.9	50,800 *	65.0	77.3	36,500	65.0	76.4	41,400 *	65.0			90.0	72.0	20,300 *	90.0	77.8	16,200 *	90.0	73.5	12,100 *	90.0	80.4	9,200 *
70.0	72.4	48,900 *	70.0	75.7	35,700 *	70.0	75.0	40,700 *	70.0	80.1	27,900 *	95.0	70.7	19,800 *	95.0	76.5	16,000 *	95.0	72.3	11,800 *	95.0	79.2	9,000 *
75.0	70.9	47,000	75.0	74.2	34,900 *	75.0	73.6	40,000 *	75.0	78.7	26,800 *	100.0	69.4	19,300 *	100.0	75.2	15,700 *	100.0	71.1	11,400 *	100.0	78.0	8,800 *
80.0	69.3	45,400	80.0	72.6	34,200 *	80.0	72.2	39,400 *	80.0	77.3	25,800 *	105.0	68.1	18,900 *	105.0	73.9	15,500 *	105.0	69.9	11,100 *	105.0	76.8	8,600 *
85.0	67.8	43,900	85.0	71.0	33,300 *	85.0	70.8	38,700 *	85.0	75.8	24,900 *	110.0	66.8	18,500 *	110.0	72.5	15,300 *	110.0	68.8	10,800 *	110.0	75.5	8,500 *
90.0	66.2	41,500	90.0	69.4	32,300 *	90.0	69.4	38,100 *	90.0	74.4	24,100 *	115.0	65.5	18,100 *	115.0	71.1	15,000 *	115.0	67.5	10,500 *	115.0	74.3	8,300 *
95.0	64.6	38,400	95.0	67.8	31,400 *	95.0	68.0	35,500 *	95.0	73.0	23,300 *	120.0	64.1	17,700 *	120.0	69.8	14,800 *	120.0	66.3	10,300 *	120.0	73.0	8,200 *
100.0	63.0	35,700	100.0	66.1	30,500 *	100.0	66.6	33,000 *	100.0	71.5	22,600 *	125.0	62.8	17,300 *	125.0	68.3	14,600 *	125.0	65.1	10,000 *	125.0	71.8	8,000 *
105.0	61.3	33,400	105.0	64.4	29,700 *	105.0	65.1	31,600 *	105.0	70.0	21,900 *	130.0	61.4	17,000 *	130.0	66.9	14,200 *	130.0	63.9	9,700 *	130.0	70.5	7,900 *
110.0	59.7	31,300	110.0	62.7	29,000 *	110.0	63.6	30,300	110.0	68.5	21,300 *	135.0	60.0	16,700 *	135.0	65.5	13,800 *	135.0	62.6	9,500 *	135.0	69.2	7,700 *
115.0	57.9	29,200	115.0	61.0	28,300 *	115.0	62.1	29,100	115.0	67.0	20,700 *	140.0	58.6	16,300 *	140.0	64.0	13,500 *	140.0	61.3	9,300 *	140.0	67.9	7,600 *
120.0	56.2	27,500	120.0	59.2	27,600 *	120.0	60.6	28,000	120.0	65.4	20,100 *	145.0	57.1	16,000 *	145.0	62.5	13,200 *	145.0	60.0	9,100 *	145.0	66.6	7,500 *
125.0	54.4	25,900	125.0	57.4	26,500	125.0	59.1	26,500	125.0	63.9	19,600 *	150.0	55.7	15,800 *	150.0	61.0	12,900 *	150.0	58.7	8,900 *	150.0	65.2	7,400 *
130.0	52.6	24,500	130.0	55.5	25,000	130.0	57.5	25,000	130.0	62.2	19,100 *	155.0	54.1	15,500 *	155.0	59.4	12,600 *	155.0	57.4	8,700 *	155.0	63.8	7,300 *
135.0	50.7	23,100	135.0	53.6	23,700	135.0	55.9	23,700	135.0	60.6	18,700 *	160.0	52.6	15,200 *	160.0	57.8	12,300 *	160.0	56.0	8,500 *	160.0	62.4	7,200 *
140.0	48.8	21,800	140.0	51.6	22,300	140.0	54.2	22,300	140.0	58.9	18,300 *	165.0	51.0	15,000 *	165.0	56.2	12,100 *	165.0	54.7	8,300 *	165.0	61.0	7,100 *
145.0	46.8	20,700	145.0	49.6	21,100	145.0	52.6	21,200	145.0	57.2	17,900 *	170.0	49.4	14,700 *	170.0	54.5	11,900 *	170.0	53.3	8,200 *	170.0	59.6	7,000 *
150.0	44.8	19,600	150.0	47.4	20,000	150.0	50.8	20,100	150.0	55.5	17,500 *	175.0	47.8	14,600 *	175.0	52.8	11,700 *	175.0	51.8	8,000 *	175.0	58.1	6,900 *
155.0	42.6	18,600	155.0	45.2	19,000	155.0	49.1	19,100	155.0	53.7	17,200 *	180.0	46.1	14,300 *	180.0	51.0	11,400 *	180.0	50.4	7,800 *	180.0	56.6	6,800 *
160.0	40.4	17,700	160.0	42.9	18,000	160.0	47.2	18,100	160.0	51.8	16,900 *	185.0	44.3	14,100 *	185.0	49.2	11,300 *	185.0	48.9	7,700 *	185.0	55.0	6,700 *
165.0	38.1	16,800	165.0			165.0	45.4	17,300	165.0	49.9	16,600 *	190.0	42.5	14,000 *	190.0	47.2	11,100 *	190.0	47.3	7,600 *	190.0	53.4	6,700 *
170.0	35.6	16,000	170.0			170.0	43.4	16,400	170.0	47.9	16,300 *	195.0	40.6	13,600	195.0	45.2	10,900 *	195.0	45.8	7,400 *	195.0	51.7	6,600 *
175.0	32.9	15,300	175.0			175.0	41.4	15,700	175.0	45.8	16,100 *	200.0	38.6	12,900	200.0	43.1	10,800 *	200.0	44.2	7,300 *	200.0	50.0	6,600 *
180.0	30.1	14,500	180.0			180.0	39.3	14,900	180.0	43.6	15,500	205.0	36.6	12,400	205.0			205.0	42.5	7,200 *	205.0	48.3	6,500 *
185.0			185.0			185.0	37.0	14,300	185.0			210.0	34.4	11,900	210.0			210.0	40.7	7,100 *	210.0	46.4	6,500 *
190.0			190.0			190.0	34.7	13,600	190.0			215.0	32.0	11,400	215.0			215.0	38.9	7,000 *	215.0	44.5	6,400 *
195.0			195.0			195.0	32.2	13,000	195.0			220.0	29.5	10,900	220.0			220.0	37.0	6,900 *	220.0	42.5	6,400 *
200.0			200.0			200.0	29.4	12,400	200.0			225.0			225.0			225.0	35.1	6,800 *	225.0		
												230.0			230.0			230.0	33.0	6,700 *	230.0		
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

Note : Designed and rated to comply with ASME 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 31 to 32.

CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

170 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
46.0	80.1	59,000 *	46.0			46.0			46.0			60.0	79.9	21,900 *	60.0			60.0			60.0		
48.0	79.5	58,800	48.0			48.0			48.0			65.0	78.7	21,700 *	65.0			65.0	79.6	13,200 *	65.0		
50.0	79.0	58,600	50.0			50.0			50.0			70.0	77.5	21,400 *	70.0			70.0	78.5	13,000 *	70.0		
55.0	77.5	56,100	55.0			55.0	79.5	42,300 *	55.0			75.0	76.3	21,200 *	75.0			75.0	77.4	12,800 *	75.0		
60.0	76.1	53,900 *	60.0	79.3	37,600	60.0	78.3	41,600 *	60.0			80.0	75.2	20,900 *	80.0			80.0	76.3	12,600 *	80.0		
65.0	74.7	51,800 *	65.0	77.9	36,800	65.0	77.0	40,900 *	65.0			85.0	74.0	20,700 *	85.0	79.6	16,600 *	85.0	75.2	12,400 *	85.0		
70.0	73.3	49,900 *	70.0	76.4	36,000 *	70.0	75.7	40,300 *	70.0	80.5	28,300 *	90.0	72.7	20,500 *	90.0	78.4	16,400 *	90.0	74.1	12,300 *	90.0		
75.0	71.8	48,200	75.0	75.0	35,300 *	75.0	74.4	39,700 *	75.0	79.2	27,200 *	95.0	71.5	20,100 *	95.0	77.1	16,100 *	95.0	73.0	11,900 *	95.0	79.6	9,000 *
80.0	70.4	46,400	80.0	73.5	34,600 *	80.0	73.0	39,000 *	80.0	77.8	26,200 *	100.0	70.3	19,600 *	100.0	75.8	15,800 *	100.0	71.9	11,600 *	100.0	78.5	8,900 *
85.0	68.9	44,400	85.0	72.0	33,900 *	85.0	71.7	38,400 *	85.0	76.5	25,300 *	105.0	69.1	19,200 *	105.0	74.6	15,600 *	105.0	70.7	11,300 *	105.0	77.3	8,700 *
90.0	67.4	41,000	90.0	70.5	33,000 *	90.0	70.4	37,500 *	90.0	75.1	24,500 *	110.0	67.8	18,800 *	110.0	73.3	15,400 *	110.0	69.6	11,000 *	110.0	76.1	8,500 *
95.0	65.9	37,900	95.0	68.9	32,000 *	95.0	69.0	35,800 *	95.0	73.8	23,700 *	115.0	66.5	18,400 *	115.0	72.0	15,100 *	115.0	68.4	10,700 *	115.0	74.9	8,400 *
100.0	64.4	35,300	100.0	67.4	31,100 *	100.0	67.7	34,100	100.0	72.4	23,000 *	120.0	65.3	18,000 *	120.0	70.7	14,900 *	120.0	67.3	10,400 *	120.0	73.7	8,200 *
105.0	62.8	32,900	105.0	65.8	30,300 *	105.0	66.3	32,700	105.0	71.0	22,300 *	125.0	64.0	17,600 *	125.0	69.3	14,700 *	125.0	66.1	10,200 *	125.0	72.5	8,100 *
110.0	61.3	30,800	110.0	64.2	29,600 *	110.0	64.9	31,300	110.0	69.6	21,700 *	130.0	62.7	17,300 *	130.0	68.0	14,500 *	130.0	64.9	9,900 *	130.0	71.3	7,900 *
115.0	59.7	28,800	115.0	62.6	28,900 *	115.0	63.5	29,400	115.0	68.1	21,100 *	135.0	61.3	17,000 *	135.0	66.6	14,100 *	135.0	63.7	9,700 *	135.0	70.1	7,800 *
120.0	58.0	27,000	120.0	60.9	27,800	120.0	62.0	27,600	120.0	66.7	20,500 *	140.0	60.0	16,600 *	140.0	65.2	13,800 *	140.0	62.5	9,500 *	140.0	68.8	7,700 *
125.0	56.4	25,400	125.0	59.2	26,100	125.0	60.6	26,000	125.0	65.2	20,000 *	145.0	58.6	16,300 *	145.0	63.8	13,400 *	145.0	61.3	9,300 *	145.0	67.6	7,600 *
130.0	54.7	24,000	130.0	57.5	24,600	130.0	59.1	24,500	130.0	63.7	19,600 *	150.0	57.2	16,000 *	150.0	62.4	13,200 *	150.0	60.0	9,100 *	150.0	66.3	7,500 *
135.0	53.0	22,700	135.0	55.7	23,200	135.0	57.6	23,200	135.0	62.1	19,100 *	155.0	55.8	15,800 *	155.0	60.9	12,900 *	155.0	58.8	8,900 *	155.0	65.0	7,300 *
140.0	51.2	21,300	140.0	53.9	21,900	140.0	56.1	21,900	140.0	60.6	18,700 *	160.0	54.4	15,500 *	160.0	59.5	12,600 *	160.0	57.5	8,700 *	160.0	63.7	7,300 *
145.0	49.4	20,200	145.0	52.1	20,700	145.0	54.5	20,700	145.0	59.0	18,300 *	165.0	52.9	15,300 *	165.0	57.9	12,300 *	165.0	56.2	8,500 *	165.0	62.3	7,100 *
150.0	47.5	19,100	150.0	50.1	19,600	150.0	52.9	19,600	150.0	57.4	17,900 *	170.0	51.4	15,000 *	170.0	56.4	12,100 *	170.0	54.9	8,300 *	170.0	61.0	7,100 *
155.0	45.6	18,100	155.0	48.2	18,600	155.0	51.3	18,700	155.0	55.7	17,600 *	175.0	49.9	14,800 *	175.0	54.8	11,900 *	175.0	53.5	8,200 *	175.0	59.6	7,000 *
160.0	43.6	17,200	160.0	46.1	17,500	160.0	49.6	17,700	160.0	54.0	17,200 *	180.0	48.3	14,600 *	180.0	53.1	11,700 *	180.0	52.2	8,000 *	180.0	58.2	6,900 *
165.0	41.5	16,300	165.0	43.9	16,600	165.0	47.9	16,800	165.0	52.2	16,900 *	185.0	46.7	14,400	185.0	51.4	11,500 *	185.0	50.8	7,900 *	185.0	56.7	6,800 *
170.0	39.4	15,500	170.0	41.7	15,800	170.0	46.1	16,000	170.0	50.4	16,600 *	190.0	45.1	13,700	190.0	49.7	11,300 *	190.0	49.3	7,700 *	190.0	55.2	6,700 *
175.0	37.1	14,700	175.0			175.0	44.3	15,200	175.0	48.5	15,900	195.0	43.3	13,100	195.0	47.9	11,100 *	195.0	47.9	7,600 *	195.0	53.7	6,700 *
180.0	34.7	14,000	180.0			180.0	42.4	14,500	180.0	46.6	15,100	200.0	41.6	12,500	200.0	46.0	11,000 *	200.0	46.4	7,500 *	200.0	52.1	6,600 *
185.0	32.1	13,300	185.0			185.0	40.4	13,800	185.0	44.5	14,400	205.0	39.7	11,900	205.0	44.1	10,800 *	205.0	44.8	7,300 *	205.0	50.5	6,600 *
190.0	29.3	12,700	190.0			190.0	38.3	13,100	190.0	42.4	13,700	210.0	37.8	11,400	210.0	42.0	10,700 *	210.0	43.2	7,200 *	210.0	48.8	6,500 *
195.0			195.0			195.0	36.2	12,500	195.0			215.0	35.8	10,900	215.0			215.0	41.6	7,100 *	215.0	47.1	6,500 *
200.0			200.0			200.0	33.8	11,900	200.0			220.0	33.6	10,400	220.0			220.0	39.9	7,000 *	220.0	45.3	6,400 *
												225.0			225.0			225.0	38.1	6,900 *	225.0	43.4	6,400 *
												230.0			230.0			230.0	36.3	6,800 *	230.0	41.4	6,400 *
												235.0			235.0			235.0	34.3	6,800 *	235.0		
												240.0			240.0			240.0	32.3	6,700 *	240.0		
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

Note : Designed and rated to comply with ASME 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 31 to 32.



CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

180 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
48.0	80.0	59,000 *	48.0			48.0			48.0			60.0	80.3	22,000 *	60.0			60.0			60.0		
50.0	79.5	59,000 *	50.0			50.0			50.0			65.0	79.2	21,800 *	65.0			65.0	80.0	13,200 *	65.0		
55.0	78.1	57,100	55.0			55.0	80.0	42,400 *	55.0			70.0	78.0	21,500 *	70.0			70.0	78.9	13,100 *	70.0		
60.0	76.8	54,800	60.0	79.9	37,900	60.0	78.8	41,800 *	60.0			75.0	76.9	21,300 *	75.0			75.0	77.9	12,900 *	75.0		
65.0	75.4	52,800 *	65.0	78.5	37,100	65.0	77.5	41,200 *	65.0			80.0	75.7	21,100 *	80.0			80.0	76.8	12,700 *	80.0		
70.0	74.1	50,800 *	70.0	77.1	36,400	70.0	76.3	40,500 *	70.0			85.0	74.6	20,800 *	85.0	80.0	16,700 *	85.0	75.8	12,500 *	85.0		
75.0	72.7	49,100 *	75.0	75.7	35,600 *	75.0	75.0	39,900 *	75.0	79.7	27,500 *	90.0	73.4	20,600 *	90.0	78.8	16,400 *	90.0	74.7	12,300 *	90.0		
80.0	71.3	47,400	80.0	74.3	35,000 *	80.0	73.8	39,300 *	80.0	78.4	26,600 *	95.0	72.3	20,400 *	95.0	77.6	16,200 *	95.0	73.6	12,100 *	95.0	80.0	9,100 *
85.0	69.9	44,000	85.0	72.9	34,300 *	85.0	72.5	38,800 *	85.0	77.1	25,700 *	100.0	71.1	19,900 *	100.0	76.4	15,900 *	100.0	72.5	11,800 *	100.0	78.9	8,900 *
90.0	68.5	40,700	90.0	71.4	33,600 *	90.0	71.2	38,200 *	90.0	75.8	24,900 *	105.0	69.9	19,500 *	105.0	75.2	15,700 *	105.0	71.4	11,500 *	105.0	77.8	8,800 *
95.0	67.1	37,500	95.0	70.0	32,600 *	95.0	70.0	36,700	95.0	74.5	24,100 *	110.0	68.7	19,100 *	110.0	74.0	15,500 *	110.0	70.4	11,200 *	110.0	76.7	8,600 *
100.0	65.6	34,900	100.0	68.5	31,700 *	100.0	68.7	35,200	100.0	73.2	23,400 *	115.0	67.5	18,700 *	115.0	72.8	15,300 *	115.0	69.3	10,900 *	115.0	75.5	8,400 *
105.0	64.2	32,600	105.0	67.0	30,900 *	105.0	67.3	33,100	105.0	71.9	22,700 *	120.0	66.3	18,300 *	120.0	71.5	15,100 *	120.0	68.1	10,600 *	120.0	74.4	8,300 *
110.0	62.7	30,400	110.0	65.5	30,200 *	110.0	66.0	31,100	110.0	70.5	22,100 *	125.0	65.1	17,900 *	125.0	70.2	14,900 *	125.0	67.0	10,400 *	125.0	73.2	8,100 *
115.0	61.2	28,400	115.0	64.0	29,300	115.0	64.7	29,000	115.0	69.1	21,500 *	130.0	63.8	17,600 *	130.0	69.0	14,700 *	130.0	65.9	10,100 *	130.0	72.1	8,000 *
120.0	59.7	26,700	120.0	62.5	27,500	120.0	63.3	27,200	120.0	67.8	20,900 *	135.0	62.6	17,300 *	135.0	67.7	14,400 *	135.0	64.7	9,900 *	135.0	70.9	7,900 *
125.0	58.1	25,100	125.0	60.9	25,800	125.0	61.9	25,600	125.0	66.4	20,400 *	140.0	61.3	16,900 *	140.0	66.4	14,000 *	140.0	63.6	9,700 *	140.0	69.7	7,800 *
130.0	56.6	23,600	130.0	59.3	24,300	130.0	60.6	24,200	130.0	64.9	20,000 *	145.0	60.0	16,600 *	145.0	65.0	13,700 *	145.0	62.4	9,500 *	145.0	68.5	7,600 *
135.0	55.0	22,300	135.0	57.6	22,900	135.0	59.1	22,800	135.0	63.5	19,500 *	150.0	58.7	16,300 *	150.0	63.7	13,400 *	150.0	61.2	9,200 *	150.0	67.3	7,500 *
140.0	53.3	21,000	140.0	56.0	21,500	140.0	57.7	21,500	140.0	62.0	19,000 *	155.0	57.4	16,100 *	155.0	62.3	13,100 *	155.0	60.0	9,100 *	155.0	66.1	7,400 *
145.0	51.6	19,800	145.0	54.2	20,400	145.0	56.2	20,300	145.0	60.6	18,700 *	160.0	56.0	15,800 *	160.0	60.9	12,800 *	160.0	58.8	8,900 *	160.0	64.8	7,300 *
150.0	49.9	18,800	150.0	52.5	19,300	150.0	54.7	19,300	150.0	59.0	18,300 *	165.0	54.6	15,500 *	165.0	59.5	12,600 *	165.0	57.6	8,700 *	165.0	63.5	7,200 *
155.0	48.2	17,800	155.0	50.7	18,200	155.0	53.2	18,300	155.0	57.5	17,900 *	170.0	53.2	15,300 *	170.0	58.0	12,300 *	170.0	56.3	8,500 *	170.0	62.2	7,100 *
160.0	46.3	16,800	160.0	48.8	17,200	160.0	51.7	17,300	160.0	55.9	17,600 *	175.0	51.8	15,100 *	175.0	56.5	12,100 *	175.0	55.1	8,400 *	175.0	60.9	7,100 *
165.0	44.5	15,900	165.0	46.9	16,300	165.0	50.1	16,400	165.0	54.3	17,300 *	180.0	50.3	14,700	180.0	55.0	11,900 *	180.0	53.8	8,200 *	180.0	59.6	7,000 *
170.0	42.5	15,100	170.0	44.9	15,500	170.0	48.4	15,600	170.0	52.6	16,400	185.0	48.8	14,000	185.0	53.5	11,700 *	185.0	52.5	8,000 *	185.0	58.2	6,900 *
175.0	40.5	14,400	175.0	42.8	14,700	175.0	46.8	14,800	175.0	50.9	15,600	190.0	47.3	13,400	190.0	51.9	11,500 *	190.0	51.1	7,900 *	190.0	56.8	6,800 *
180.0	38.4	13,600	180.0	40.6	13,900	180.0	45.0	14,100	180.0	49.1	14,800	195.0	45.7	12,800	195.0	50.2	11,400 *	195.0	49.8	7,800 *	195.0	55.4	6,700 *
185.0	36.2	12,900	185.0			185.0	43.2	13,400	185.0	47.3	14,100	200.0	44.1	12,100	200.0	48.5	11,200 *	200.0	48.4	7,600 *	200.0	54.0	6,700 *
190.0	33.8	12,300	190.0			190.0	41.4	12,800	190.0	45.4	13,400	205.0	42.4	11,600	205.0	46.7	11,000 *	205.0	46.9	7,500 *	205.0	52.5	6,600 *
195.0			195.0			195.0	39.5	12,200	195.0	43.4	12,800	210.0	40.7	11,100	210.0	44.9	10,900 *	210.0	45.5	7,400 *	210.0	50.9	6,600 *
200.0			200.0			200.0	37.4	11,600	200.0	41.3	12,100	215.0	38.9	10,600	215.0	43.0	10,800 *	215.0	44.0	7,300 *	215.0	49.3	6,500 *
205.0			205.0			205.0	35.3	11,000	205.0			220.0	37.0	10,100	220.0	40.9	10,500	220.0	42.4	7,200 *	220.0	47.7	6,500 *
210.0			210.0			210.0	33.1	10,500	210.0			225.0	35.0	9,600	225.0			225.0	40.8	7,100 *	225.0	46.0	6,400 *
												230.0	32.9	9,200	230.0			230.0	39.1	7,000 *	230.0	44.2	6,400 *
												235.0			235.0			235.0	37.4	6,900 *	235.0	42.4	6,400 *
												240.0			240.0			240.0	35.6	6,800 *	240.0	40.4	6,400 *
												245.0			245.0			245.0	33.7	6,700 *	245.0		
												250.0			250.0			250.0	31.7	6,700 *	250.0		
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

Note : Designed and rated to comply with ASME 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 31 to 32.



CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

190 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
50.0	79.9	59,000 *	50.0			50.0			50.0			65.0	79.6	21,800 *	65.0			65.0	80.3	13,300 *	65.0		
55.0	78.7	58,000	55.0			55.0	80.4	42,500 *	55.0			70.0	78.5	21,600 *	70.0			70.0	79.3	13,100 *	70.0		
60.0	77.4	55,800	60.0			60.0	79.2	42,000 *	60.0			75.0	77.4	21,400 *	75.0			75.0	78.3	12,900 *	75.0		
65.0	76.1	53,700	65.0	79.0	37,400	65.0	78.0	41,400 *	65.0			80.0	76.3	21,100 *	80.0			80.0	77.3	12,700 *	80.0		
70.0	74.8	51,800	70.0	77.7	36,600	70.0	76.9	40,800 *	70.0			85.0	75.2	20,900 *	85.0	80.4	16,800 *	85.0	76.3	12,600 *	85.0		
75.0	73.5	50,000	75.0	76.4	35,900 *	75.0	75.7	40,200 *	75.0			90.0	74.1	20,700 *	90.0	79.3	16,500 *	90.0	75.2	12,400 *	90.0		
80.0	72.2	47,500	80.0	75.0	35,300 *	80.0	74.5	39,600 *	80.0	78.9	26,900 *	95.0	73.0	20,500 *	95.0	78.1	16,300 *	95.0	74.2	12,200 *	95.0	80.4	9,100 *
85.0	70.8	43,700	85.0	73.7	34,600 *	85.0	73.2	39,000 *	85.0	77.7	26,100 *	100.0	71.8	20,200 *	100.0	77.0	16,000 *	100.0	73.2	12,000 *	100.0	79.3	9,000 *
90.0	69.5	40,300	90.0	72.3	34,000 *	90.0	72.0	38,500 *	90.0	76.4	25,200 *	105.0	70.7	19,800 *	105.0	75.8	15,800 *	105.0	72.1	11,700 *	105.0	78.2	8,800 *
95.0	68.1	37,200	95.0	70.9	33,100 *	95.0	70.8	36,800	95.0	75.2	24,400 *	110.0	69.6	19,400 *	110.0	74.6	15,600 *	110.0	71.1	11,400 *	110.0	77.2	8,600 *
100.0	66.8	34,500	100.0	69.6	32,300 *	100.0	69.6	35,200	100.0	73.9	23,700 *	115.0	68.4	18,900 *	115.0	73.5	15,400 *	115.0	70.0	11,100 *	115.0	76.1	8,500 *
105.0	65.4	32,200	105.0	68.2	31,500 *	105.0	68.3	32,800	105.0	72.6	23,100 *	120.0	67.2	18,600 *	120.0	72.3	15,200 *	120.0	68.9	10,800 *	120.0	75.0	8,300 *
110.0	64.0	30,100	110.0	66.7	30,700 *	110.0	67.1	30,700	110.0	71.4	22,500 *	125.0	66.1	18,200 *	125.0	71.1	15,000 *	125.0	67.9	10,600 *	125.0	73.9	8,200 *
115.0	62.6	28,000	115.0	65.3	28,900	115.0	65.8	28,600	115.0	70.1	21,900 *	130.0	64.9	17,900 *	130.0	69.8	14,800 *	130.0	66.8	10,300 *	130.0	72.8	8,100 *
120.0	61.2	26,300	120.0	63.8	27,100	120.0	64.5	26,900	120.0	68.8	21,300 *	135.0	63.7	17,500 *	135.0	68.6	14,600 *	135.0	65.7	10,100 *	135.0	71.6	7,900 *
125.0	59.7	24,700	125.0	62.3	25,500	125.0	63.2	25,300	125.0	67.4	20,800 *	140.0	62.5	17,200 *	140.0	67.4	14,300 *	140.0	64.6	9,800 *	140.0	70.5	7,800 *
130.0	58.2	23,200	130.0	60.8	24,000	130.0	61.9	23,800	130.0	66.1	20,300 *	145.0	61.2	16,900 *	145.0	66.1	13,900 *	145.0	63.5	9,600 *	145.0	69.4	7,700 *
135.0	56.7	21,900	135.0	59.3	22,600	135.0	60.5	22,400	135.0	64.7	19,900 *	150.0	60.0	16,600 *	150.0	64.8	13,600 *	150.0	62.3	9,400 *	150.0	68.2	7,600 *
140.0	55.2	20,600	140.0	57.7	21,200	140.0	59.2	21,100	140.0	63.4	19,400 *	155.0	58.7	16,300 *	155.0	63.5	13,400 *	155.0	61.2	9,200 *	155.0	67.0	7,500 *
145.0	53.6	19,400	145.0	56.2	20,000	145.0	57.8	20,000	145.0	62.0	19,000 *	160.0	57.5	16,100 *	160.0	62.2	13,100 *	160.0	60.0	9,000 *	160.0	65.8	7,400 *
150.0	52.0	18,300	150.0	54.5	18,900	150.0	56.4	18,900	150.0	60.5	18,600 *	165.0	56.2	15,800 *	165.0	60.9	12,800 *	165.0	58.9	8,900 *	165.0	64.6	7,300 *
155.0	50.4	17,400	155.0	52.9	17,900	155.0	55.0	17,900	155.0	59.1	18,300 *	170.0	54.8	15,600 *	170.0	59.5	12,600 *	170.0	57.7	8,700 *	170.0	63.4	7,200 *
160.0	48.7	16,400	160.0	51.1	16,800	160.0	53.5	16,900	160.0	57.6	17,900	175.0	53.5	15,100	175.0	58.1	12,300 *	175.0	56.5	8,500 *	175.0	62.2	7,100 *
165.0	47.0	15,500	165.0	49.4	15,900	165.0	52.0	16,000	165.0	56.1	17,000	180.0	52.1	14,300	180.0	56.7	12,100 *	180.0	55.3	8,400 *	180.0	60.9	7,000 *
170.0	45.2	14,700	170.0	47.6	15,100	170.0	50.5	15,200	170.0	54.5	16,100	185.0	50.7	13,600	185.0	55.2	11,900 *	185.0	54.0	8,200 *	185.0	59.6	6,900 *
175.0	43.4	14,000	175.0	45.7	14,300	175.0	49.0	14,400	175.0	52.9	15,300	190.0	49.3	13,000	190.0	53.7	11,700 *	190.0	52.7	8,100 *	190.0	58.3	6,900 *
180.0	41.5	13,200	180.0	43.7	13,500	180.0	47.4	13,700	180.0	51.3	14,500	195.0	47.8	12,400	195.0	52.2	11,600 *	195.0	51.5	7,900 *	195.0	57.0	6,800 *
185.0	39.5	12,500	185.0	41.7	12,800	185.0	45.7	13,000	185.0	49.6	13,800	200.0	46.3	11,800	200.0	50.6	11,400 *	200.0	50.1	7,800 *	200.0	55.6	6,700 *
190.0	37.5	11,900	190.0	39.5	12,100	190.0	44.0	12,300	190.0	47.9	13,100	205.0	44.8	11,200	205.0	49.0	11,200 *	205.0	48.8	7,600 *	205.0	54.2	6,700 *
195.0	35.3	11,300	195.0			195.0	42.3	11,800	195.0	46.1	12,400	210.0	43.2	10,700	210.0	47.4	11,100 *	210.0	47.4	7,500 *	210.0	52.8	6,600 *
200.0	33.0	10,700	200.0			200.0	40.5	11,100	200.0	44.2	11,800	215.0	41.5	10,200	215.0	45.6	10,700	215.0	46.0	7,400 *	215.0	51.3	6,600 *
205.0			205.0			205.0	38.6	10,600	205.0	42.3	11,200	220.0	39.8	9,700	220.0	43.8	10,200	220.0	44.6	7,300 *	220.0	49.8	6,500 *
210.0			210.0			210.0	36.6	10,100	210.0	40.2	10,600	225.0	38.1	9,200	225.0	41.9	9,700	225.0	43.1	7,200 *	225.0	48.3	6,500 *
215.0			215.0			215.0	34.5	9,600	215.0			230.0	36.2	8,800	230.0	40.0	9,200	230.0	41.6	7,100 *	230.0	46.7	6,400 *
220.0			220.0			220.0	32.3	9,000	220.0			235.0	34.3	8,200	235.0			235.0	40.0	7,000 *	235.0	45.0	6,400 *
												240.0	32.2	7,800	240.0			240.0	38.4	6,900 *	240.0	43.2	6,400 *
												245.0			245.0			245.0	36.7	6,800 *	245.0		
												250.0			250.0			250.0	34.9	6,800 *	250.0		
												255.0			255.0			255.0	33.0	6,700 *	255.0		
												260.0			260.0			260.0	31.1	6,400 *	260.0		
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

Note : Designed and rated to comply with ASME 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 31 to 32.



CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

200 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
55.0	79.1	58,700	55.0			55.0			55.0			65.0	79.9	21,900 *	65.0			65.0			65.0		
60.0	77.9	56,600	60.0			60.0	79.6	42,200 *	60.0			70.0	78.9	21,700 *	70.0			70.0	79.7	13,200 *	70.0		
65.0	76.7	54,600	65.0	79.5	37,600	65.0	78.5	41,600 *	65.0			75.0	77.8	21,500 *	75.0			75.0	78.7	13,000 *	75.0		
70.0	75.4	52,800	70.0	78.2	36,900	70.0	77.4	41,000 *	70.0			80.0	76.8	21,200 *	80.0			80.0	77.7	12,800 *	80.0		
75.0	74.2	51,000	75.0	77.0	36,300 *	75.0	76.2	40,400 *	75.0	80.5	28,200 *	85.0	75.7	21,000 *	85.0			85.0	76.7	12,600 *	85.0		
80.0	72.9	47,100	80.0	75.7	35,600 *	80.0	75.1	39,800 *	80.0	79.3	27,200 *	90.0	74.7	20,800 *	90.0	79.7	16,600 *	90.0	75.7	12,500 *	90.0		
85.0	71.7	43,300	85.0	74.4	35,000 *	85.0	73.9	39,300 *	85.0	78.2	26,400 *	95.0	73.6	20,600 *	95.0	78.6	16,300 *	95.0	74.7	12,300 *	95.0		
90.0	70.4	39,900	90.0	73.1	34,400 *	90.0	72.8	38,700 *	90.0	77.0	25,600 *	100.0	72.5	20,400 *	100.0	77.5	16,100 *	100.0	73.7	12,100 *	100.0	79.7	9,000 *
95.0	69.1	36,800	95.0	71.8	33,600 *	95.0	71.6	37,400	95.0	75.8	24,800 *	105.0	71.4	20,000 *	105.0	76.4	15,900 *	105.0	72.7	11,900 *	105.0	78.7	8,800 *
100.0	67.8	34,100	100.0	70.5	32,800 *	100.0	70.4	34,800	100.0	74.6	24,100 *	110.0	70.3	19,600 *	110.0	75.2	15,700 *	110.0	71.7	11,600 *	110.0	77.6	8,700 *
105.0	66.5	31,700	105.0	69.2	32,000 *	105.0	69.2	32,400	105.0	73.4	23,500 *	115.0	69.2	19,200 *	115.0	74.1	15,500 *	115.0	70.7	11,300 *	115.0	76.6	8,500 *
110.0	65.2	29,600	110.0	67.8	30,700	110.0	68.0	30,200	110.0	72.2	22,800 *	120.0	68.1	18,800 *	120.0	73.0	15,300 *	120.0	69.7	11,000 *	120.0	75.5	8,400 *
115.0	63.8	27,600	115.0	66.4	28,500	115.0	66.8	28,200	115.0	70.9	22,200 *	125.0	67.0	18,500 *	125.0	71.8	15,100 *	125.0	68.6	10,700 *	125.0	74.5	8,300 *
120.0	62.5	25,800	120.0	65.1	26,700	120.0	65.6	26,400	120.0	69.7	21,700 *	130.0	65.8	18,100 *	130.0	70.7	14,900 *	130.0	67.6	10,500 *	130.0	73.4	8,100 *
125.0	61.1	24,300	125.0	63.7	25,100	125.0	64.3	24,800	125.0	68.4	21,200 *	135.0	64.7	17,800 *	135.0	69.5	14,700 *	135.0	66.6	10,300 *	135.0	72.3	8,000 *
130.0	59.7	22,800	130.0	62.2	23,600	130.0	63.1	23,400	130.0	67.1	20,700 *	140.0	63.5	17,500 *	140.0	68.3	14,500 *	140.0	65.5	10,000 *	140.0	71.2	7,900 *
135.0	58.3	21,400	135.0	60.8	22,200	135.0	61.8	22,000	135.0	65.9	20,200 *	145.0	62.4	17,200 *	145.0	67.1	14,200 *	145.0	64.4	9,800 *	145.0	70.1	7,800 *
140.0	56.9	20,100	140.0	59.3	20,800	140.0	60.5	20,700	140.0	64.5	19,800 *	150.0	61.2	16,900 *	150.0	65.9	13,900 *	150.0	63.3	9,600 *	150.0	69.0	7,600 *
145.0	55.4	19,000	145.0	57.8	19,600	145.0	59.2	19,500	145.0	63.2	19,400 *	155.0	60.0	16,600 *	155.0	64.6	13,600 *	155.0	62.3	9,400 *	155.0	67.9	7,600 *
150.0	53.9	17,900	150.0	56.3	18,500	150.0	57.9	18,400	150.0	61.9	19,000 *	160.0	58.8	16,300 *	160.0	63.4	13,300 *	160.0	61.1	9,200 *	160.0	66.8	7,500 *
155.0	52.4	16,900	155.0	54.8	17,500	155.0	56.5	17,400	155.0	60.5	18,600	165.0	57.6	16,100 *	165.0	62.1	13,100 *	165.0	60.0	9,000 *	165.0	65.6	7,400 *
160.0	50.8	15,900	160.0	53.2	16,400	160.0	55.2	16,400	160.0	59.1	17,600	170.0	56.3	15,500	170.0	60.8	12,800 *	170.0	58.9	8,800 *	170.0	64.5	7,300 *
165.0	49.2	15,100	165.0	51.6	15,500	165.0	53.8	15,600	165.0	57.7	16,600	175.0	55.0	14,700	175.0	59.5	12,600 *	175.0	57.8	8,700 *	175.0	63.3	7,200 *
170.0	47.6	14,300	170.0	49.9	14,700	170.0	52.4	14,700	170.0	56.2	15,800	180.0	53.7	13,900	180.0	58.2	12,300 *	180.0	56.6	8,500 *	180.0	62.1	7,100 *
175.0	45.9	13,500	175.0	48.2	13,900	175.0	50.9	14,000	175.0	54.8	14,900	185.0	52.4	13,200	185.0	56.8	12,100 *	185.0	55.4	8,400 *	185.0	60.9	7,000 *
180.0	44.2	12,700	180.0	46.4	13,100	180.0	49.4	13,200	180.0	53.3	14,100	190.0	51.1	12,600	190.0	55.4	11,900 *	190.0	54.2	8,200 *	190.0	59.6	6,900 *
185.0	42.4	12,100	185.0	44.6	12,400	185.0	47.9	12,500	185.0	51.7	13,400	195.0	49.7	11,900	195.0	54.0	11,800 *	195.0	53.0	8,100 *	195.0	58.4	6,900 *
190.0	40.6	11,400	190.0	42.6	11,700	190.0	46.4	11,900	190.0	50.1	12,700	200.0	48.3	11,300	200.0	52.5	11,600 *	200.0	51.8	7,900 *	200.0	57.1	6,800 *
195.0	38.7	10,800	195.0			195.0	44.8	11,300	195.0	48.5	12,100	205.0	46.9	10,800	205.0	51.1	11,400 *	205.0	50.5	7,800 *	205.0	55.8	6,700 *
200.0	36.6	10,200	200.0			200.0	43.1	10,700	200.0	46.8	11,400	210.0	45.4	10,300	210.0	49.5	10,900	210.0	49.2	7,700 *	210.0	54.4	6,700 *
205.0	34.5	9,600	205.0			205.0	41.4	10,100	205.0	45.0	10,800	215.0	43.9	9,800	215.0	47.9	10,400	215.0	47.9	7,600 *	215.0	53.1	6,600 *
210.0	32.3	9,000	210.0			210.0	39.6	9,600	210.0	43.2	10,300	220.0	42.3	9,200	220.0	46.3	9,800	220.0	46.6	7,500 *	220.0	51.7	6,600 *
215.0			215.0			215.0	37.8	9,000	215.0			225.0	40.7	8,700	225.0	44.6	9,300	225.0	45.2	7,300 *	225.0	50.2	6,500 *
220.0			220.0			220.0	35.8	8,400	220.0			230.0	39.1	8,200	230.0	42.8	8,800	230.0	43.8	7,300 *	230.0	48.8	6,500 *
225.0			225.0			225.0	33.8	7,900	225.0			235.0	37.3	7,700	235.0			235.0	42.3	7,100 *	235.0	47.2	6,400 *
230.0			230.0			230.0	31.7	7,400	230.0			240.0	35.5	7,200	240.0			240.0	40.8	7,100 *	240.0	45.7	6,400 *
												245.0	33.6	6,700	245.0			245.0	39.3	7,000 *	245.0	44.0	6,400 *
												250.0	31.6	6,300	250.0			250.0	37.7	6,600	250.0	42.3	6,400
												255.0			255.0			255.0	36.0	6,200	255.0		
												260.0			260.0			260.0	34.3	5,800	260.0		
												265.0			265.0			265.0	32.4	5,400	265.0		
												270.0			270.0			270.0	30.5	5,000	270.0		
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

Note : Designed and rated to comply with ASME 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 31 to 32.

CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

210 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
55.0	79.6	58,000 *	55.0			55.0			55.0			65.0	80.3	22,000 *	65.0			65.0			65.0		
60.0	78.4	57,500 *	60.0			60.0	80.0	42,300 *	60.0			70.0	79.3	21,700 *	70.0			70.0	80.0	13,200 *	70.0		
65.0	77.2	55,400 *	65.0	79.9	37,900	65.0	79.0	41,800 *	65.0			75.0	78.3	21,500 *	75.0			75.0	79.1	13,000 *	75.0		
70.0	76.0	53,600	70.0	78.7	37,200	70.0	77.9	41,200 *	70.0			80.0	77.3	21,300 *	80.0			80.0	78.1	12,900 *	80.0		
75.0	74.8	51,300	75.0	77.5	36,500	75.0	76.8	40,600 *	75.0			85.0	76.2	21,100 *	85.0			85.0	77.2	12,700 *	85.0		
80.0	73.6	46,900	80.0	76.3	35,900	80.0	75.7	40,000 *	80.0	79.8	28,400 *	90.0	75.2	20,900 *	90.0	80.1	16,700 *	90.0	76.2	12,500 *	90.0		
85.0	72.4	43,100	85.0	75.1	35,300 *	85.0	74.5	39,500 *	85.0	78.6	27,600 *	95.0	74.2	20,700 *	95.0	79.0	16,500 *	95.0	75.3	12,400 *	95.0		
90.0	71.2	39,700	90.0	73.8	34,700 *	90.0	73.4	39,000 *	90.0	77.5	26,700 *	100.0	73.1	20,500 *	100.0	77.9	16,200 *	100.0	74.3	12,200 *	100.0	80.0	9,100 *
95.0	70.0	36,500	95.0	72.6	34,100 *	95.0	72.3	37,200	95.0	76.3	25,900 *	105.0	72.1	20,300 *	105.0	76.9	16,000 *	105.0	73.3	12,000 *	105.0	79.1	8,900 *
100.0	68.7	33,900	100.0	71.3	33,600 *	100.0	71.2	34,500	100.0	75.2	25,200 *	110.0	71.0	19,900 *	110.0	75.8	15,800 *	110.0	72.3	11,700 *	110.0	78.1	8,800 *
105.0	67.5	31,500	105.0	70.1	32,700	105.0	70.0	32,200	105.0	74.0	24,500 *	115.0	70.0	19,400 *	115.0	74.7	15,600 *	115.0	71.4	11,400 *	115.0	77.1	8,600 *
110.0	66.2	29,400	110.0	68.8	30,500	110.0	68.9	30,000	110.0	72.9	23,900 *	120.0	68.9	19,100 *	120.0	73.6	15,400 *	120.0	70.4	11,100 *	120.0	76.0	8,500 *
115.0	65.0	27,400	115.0	67.5	28,400	115.0	67.7	28,000	115.0	71.7	23,300 *	125.0	67.8	18,700 *	125.0	72.5	15,200 *	125.0	69.4	10,900 *	125.0	75.0	8,300 *
120.0	63.7	25,600	120.0	66.2	26,500	120.0	66.5	26,200	120.0	70.5	22,700 *	130.0	66.7	18,400 *	130.0	71.4	15,000 *	130.0	68.4	10,600 *	130.0	74.0	8,200 *
125.0	62.4	24,000	125.0	64.9	24,900	125.0	65.4	24,600	125.0	69.3	22,200 *	135.0	65.6	18,000 *	135.0	70.3	14,900 *	135.0	67.4	10,400 *	135.0	73.0	8,100 *
130.0	61.1	22,600	130.0	63.5	23,400	130.0	64.2	23,100	130.0	68.1	21,700 *	140.0	64.5	17,700 *	140.0	69.1	14,700 *	140.0	66.3	10,200 *	140.0	71.9	8,000 *
135.0	59.7	21,200	135.0	62.2	22,000	135.0	62.9	21,800	135.0	66.9	21,200 *	145.0	63.4	17,400 *	145.0	68.0	14,500 *	145.0	65.3	9,900 *	145.0	70.9	7,800 *
140.0	58.4	19,900	140.0	60.8	20,600	140.0	61.7	20,400	140.0	65.6	20,700 *	150.0	62.3	17,100 *	150.0	66.8	14,400 *	150.0	64.3	9,700 *	150.0	69.8	7,700 *
145.0	57.0	18,700	145.0	59.4	19,400	145.0	60.5	19,300	145.0	64.4	20,300 *	155.0	61.2	16,800 *	155.0	65.7	14,200 *	155.0	63.2	9,500 *	155.0	68.7	7,600 *
150.0	55.6	17,700	150.0	57.9	18,300	150.0	59.2	18,200	150.0	63.1	19,500	160.0	60.0	16,600 *	160.0	64.5	13,900 *	160.0	62.2	9,300 *	160.0	67.6	7,500 *
155.0	54.2	16,700	155.0	56.5	17,300	155.0	58.0	17,200	155.0	61.8	18,400	165.0	58.8	16,100	165.0	63.3	13,700 *	165.0	61.1	9,200 *	165.0	66.5	7,400 *
160.0	52.7	15,700	160.0	55.0	16,200	160.0	56.7	16,200	160.0	60.5	17,400	170.0	57.6	15,200	170.0	62.0	13,400 *	170.0	60.0	9,000 *	170.0	65.4	7,300 *
165.0	51.2	14,800	165.0	53.5	15,300	165.0	55.4	15,300	165.0	59.1	16,400	175.0	56.4	14,500	175.0	60.8	13,200 *	175.0	58.9	8,800 *	175.0	64.3	7,300 *
170.0	49.7	14,000	170.0	51.9	14,500	170.0	54.0	14,500	170.0	57.8	15,600	180.0	55.2	13,700	180.0	59.5	12,900 *	180.0	57.8	8,700 *	180.0	63.2	7,200 *
175.0	48.2	13,200	175.0	50.4	13,700	175.0	52.7	13,700	175.0	56.4	14,700	185.0	54.0	13,000	185.0	58.3	12,700 *	185.0	56.7	8,500 *	185.0	62.0	7,100 *
180.0	46.6	12,500	180.0	48.7	12,900	180.0	51.3	13,000	180.0	55.0	13,900	190.0	52.7	12,300	190.0	56.9	12,500 *	190.0	55.6	8,400 *	190.0	60.8	7,000 *
185.0	44.9	11,800	185.0	47.0	12,200	185.0	49.9	12,300	185.0	53.5	13,200	195.0	51.4	11,700	195.0	55.6	12,300 *	195.0	54.4	8,200 *	195.0	59.6	6,900 *
190.0	43.3	11,200	190.0	45.3	11,500	190.0	48.4	11,600	190.0	52.1	12,500	200.0	50.1	11,100	200.0	54.2	11,900	200.0	53.2	8,100 *	200.0	58.4	6,900 *
195.0	41.5	10,600	195.0	43.5	10,900	195.0	46.9	11,000	195.0	50.5	11,900	205.0	48.8	10,500	205.0	52.9	11,300	205.0	52.1	8,000 *	205.0	57.2	6,800 *
200.0	39.7	9,900	200.0	41.6	10,200	200.0	45.4	10,400	200.0	49.0	11,200	210.0	47.4	10,000	210.0	51.4	10,700	210.0	50.8	7,800 *	210.0	55.9	6,700 *
205.0	37.8	9,200	205.0			205.0	43.8	9,800	205.0	47.4	10,600	215.0	46.0	9,500	215.0	50.0	10,200	215.0	49.6	7,700 *	215.0	54.7	6,700 *
210.0	35.9	8,600	210.0			210.0	42.2	9,200	210.0	45.7	10,100	220.0	44.5	8,900	220.0	48.5	9,600	220.0	48.3	7,600 *	220.0	53.3	6,600 *
215.0	33.8	8,000	215.0			215.0	40.5	8,600	215.0	44.0	9,500	225.0	43.1	8,300	225.0	46.9	9,100	225.0	47.1	7,500 *	225.0	52.0	6,600 *
220.0	31.6	7,500	220.0			220.0	38.8	8,000	220.0	42.2	8,800	230.0	41.5	7,800	230.0	45.3	8,500	230.0	45.7	7,400 *	230.0	50.6	6,500 *
225.0			225.0			225.0	37.0	7,500	225.0			235.0	40.0	7,300	235.0	43.6	8,000	235.0	44.4	7,300 *	235.0	49.2	6,500 *
230.0			230.0			230.0	35.1	7,000	230.0			240.0	38.3	6,800	240.0	41.9	7,400	240.0	43.0	7,200	240.0	47.8	6,400 *
235.0			235.0			235.0	33.1	6,500	235.0			245.0	36.6	6,400	245.0			245.0	41.6	6,700	245.0	46.3	6,400 *
240.0			240.0			240.0	31.0	6,100	240.0			250.0	34.8	6,000	250.0			250.0	40.1	6,300	250.0	44.7	6,400 *
												255.0	33.0	5,500	255.0			255.0	38.6	5,900	255.0	43.1	6,400 *
												260.0	31.0	5,100	260.0			260.0	37.0	5,500	260.0	41.4	6,200
												265.0			265.0			265.0	35.4	5,100	265.0		
												270.0			270.0			270.0	33.7	4,700	270.0		
												275.0			275.0			275.0	31.9	4,300	275.0		
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

Note : Designed and rated to comply with ASME 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 31 to 32.

CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

220 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
55.0	80.0	53,300 *	55.0			55.0			55.0			70.0	79.6	21,800 *	70.0			70.0	80.3	13,200 *	70.0		
60.0	78.9	52,600 *	60.0			60.0	80.4	42,400 *	60.0			75.0	78.7	21,600 *	75.0			75.0	79.4	13,100 *	75.0		
65.0	77.7	51,900 *	65.0			65.0	79.4	41,900 *	65.0			80.0	77.7	21,400 *	80.0			80.0	78.5	12,900 *	80.0		
70.0	76.6	51,200 *	70.0	79.2	37,400	70.0	78.3	41,400 *	70.0			85.0	76.7	21,200 *	85.0			85.0	77.6	12,700 *	85.0		
75.0	75.4	50,400 *	75.0	78.0	36,800	75.0	77.2	40,800 *	75.0			90.0	75.7	21,000 *	90.0	80.4	16,800 *	90.0	76.7	12,600 *	90.0		
80.0	74.3	46,500	80.0	76.8	36,100 *	80.0	76.2	40,300 *	80.0	80.1	28,700 *	95.0	74.7	20,800 *	95.0	79.4	16,500 *	95.0	75.7	12,400 *	95.0		
85.0	73.1	42,700	85.0	75.7	35,500 *	85.0	75.1	39,700 *	85.0	79.1	27,900 *	100.0	73.7	20,600 *	100.0	78.4	16,300 *	100.0	74.8	12,300 *	100.0	80.4	9,100 *
90.0	72.0	39,300	90.0	74.5	35,000 *	90.0	74.0	39,200 *	90.0	78.0	27,100 *	105.0	72.7	20,400 *	105.0	77.3	16,100 *	105.0	73.9	12,100 *	105.0	79.4	9,000 *
95.0	70.8	36,200	95.0	73.3	34,400 *	95.0	73.0	36,900	95.0	76.9	26,300 *	110.0	71.7	20,100 *	110.0	76.3	15,900 *	110.0	72.9	11,900 *	110.0	78.5	8,800 *
100.0	69.6	33,500	100.0	72.1	33,900 *	100.0	71.9	34,200	100.0	75.8	25,600 *	115.0	70.7	19,700 *	115.0	75.3	15,700 *	115.0	72.0	11,600 *	115.0	77.5	8,700 *
105.0	68.4	31,200	105.0	70.9	32,400	105.0	70.8	31,800	105.0	74.7	24,900 *	120.0	69.7	19,300 *	120.0	74.2	15,500 *	120.0	71.0	11,300 *	120.0	76.5	8,500 *
110.0	67.2	29,000	110.0	69.7	30,200	110.0	69.7	29,700	110.0	73.5	24,300 *	125.0	68.6	19,000 *	125.0	73.2	15,300 *	125.0	70.1	11,000 *	125.0	75.5	8,400 *
115.0	66.0	27,000	115.0	68.4	28,000	115.0	68.6	27,600	115.0	72.4	23,600 *	130.0	67.6	18,600 *	130.0	72.1	15,100 *	130.0	69.1	10,800 *	130.0	74.5	8,300 *
120.0	64.8	25,200	120.0	67.2	26,200	120.0	67.4	25,800	120.0	71.3	23,000 *	135.0	66.5	18,300 *	135.0	71.0	15,000 *	135.0	68.1	10,600 *	135.0	73.5	8,100 *
125.0	63.5	23,700	125.0	65.9	24,600	125.0	66.3	24,200	125.0	70.1	22,500 *	140.0	65.5	18,000 *	140.0	69.9	14,800 *	140.0	67.1	10,300 *	140.0	72.5	8,000 *
130.0	62.3	22,200	130.0	64.7	23,000	130.0	65.2	22,800	130.0	69.0	22,000 *	145.0	64.4	17,700 *	145.0	68.8	14,600 *	145.0	66.2	10,100 *	145.0	71.5	7,900 *
135.0	61.0	20,800	135.0	63.4	21,600	135.0	64.0	21,400	135.0	67.8	21,500 *	150.0	63.3	17,400 *	150.0	67.7	14,500 *	150.0	65.2	9,900 *	150.0	70.5	7,800 *
140.0	59.7	19,500	140.0	62.1	20,300	140.0	62.8	20,100	140.0	66.6	21,100 *	155.0	62.2	17,100 *	155.0	66.6	14,400 *	155.0	64.1	9,700 *	155.0	69.5	7,700 *
145.0	58.4	18,400	145.0	60.7	19,100	145.0	61.7	18,900	145.0	65.4	20,300	160.0	61.1	16,600	160.0	65.5	14,200 *	160.0	63.1	9,500 *	160.0	68.4	7,600 *
150.0	57.1	17,300	150.0	59.4	17,900	150.0	60.5	17,800	150.0	64.2	19,200	165.0	60.0	15,700	165.0	64.3	13,900 *	165.0	62.1	9,300 *	165.0	67.4	7,500 *
155.0	55.8	16,300	155.0	58.0	16,900	155.0	59.3	16,800	155.0	63.0	18,100	170.0	58.9	14,900	170.0	63.1	13,600 *	170.0	61.1	9,100 *	170.0	66.3	7,400 *
160.0	54.4	15,300	160.0	56.6	15,900	160.0	58.0	15,800	160.0	61.7	17,100	175.0	57.7	14,100	175.0	62.0	13,400 *	175.0	60.0	9,000 *	175.0	65.2	7,300 *
165.0	53.0	14,400	165.0	55.2	15,000	165.0	56.8	14,900	165.0	60.5	16,100	180.0	56.6	13,300	180.0	60.8	13,100 *	180.0	59.0	8,800 *	180.0	64.2	7,200 *
170.0	51.6	13,600	170.0	53.8	14,100	170.0	55.5	14,100	170.0	59.2	15,300	185.0	55.4	12,600	185.0	59.6	12,900 *	185.0	57.9	8,700 *	185.0	63.1	7,100 *
175.0	50.1	12,900	175.0	52.3	13,300	175.0	54.2	13,400	175.0	57.9	14,400	190.0	54.2	12,000	190.0	58.3	12,700 *	190.0	56.8	8,500 *	190.0	61.9	7,100 *
180.0	48.7	12,100	180.0	50.8	12,500	180.0	52.9	12,600	180.0	56.5	13,600	195.0	53.0	11,400	195.0	57.1	12,200	195.0	55.7	8,400 *	195.0	60.8	7,000 *
185.0	47.2	11,400	185.0	49.2	11,800	185.0	51.6	11,900	185.0	55.2	12,900	200.0	51.7	10,700	200.0	55.8	11,600	200.0	54.6	8,200 *	200.0	59.7	6,900 *
190.0	45.6	10,800	190.0	47.6	11,200	190.0	50.3	11,300	190.0	53.8	12,200	205.0	50.5	10,200	205.0	54.5	11,000	205.0	53.5	8,100 *	205.0	58.5	6,900 *
195.0	44.0	10,000	195.0	46.0	10,500	195.0	48.9	10,600	195.0	52.4	11,600	210.0	49.2	9,600	210.0	53.1	10,400	210.0	52.3	8,000 *	210.0	57.3	6,800 *
200.0	42.4	9,300	200.0	44.3	9,700	200.0	47.5	9,900	200.0	50.9	10,900	215.0	47.9	9,000	215.0	51.8	9,900	215.0	51.2	7,800 *	215.0	56.1	6,700 *
205.0	40.6	8,700	205.0	42.5	9,100	205.0	46.0	9,300	205.0	49.5	10,300	220.0	46.5	8,400	220.0	50.4	9,300	220.0	50.0	7,700 *	220.0	54.9	6,700 *
210.0	38.9	8,100	210.0	40.7	8,400	210.0	44.5	8,700	210.0	47.9	9,700	225.0	45.1	7,800	225.0	48.9	8,700	225.0	48.7	7,600 *	225.0	53.6	6,600 *
215.0	37.0	7,500	215.0			215.0	43.0	8,100	215.0	46.4	9,100	230.0	43.7	7,300	230.0	47.5	8,100	230.0	47.5	7,500 *	230.0	52.3	6,600 *
220.0	35.1	6,900	220.0			220.0	41.4	7,500	220.0	44.7	8,400	235.0	42.3	6,800	235.0	45.9	7,600	235.0	46.2	7,200	235.0	51.0	6,500 *
225.0	33.1	6,400	225.0			225.0	39.8	7,000	225.0	43.1	7,800	240.0	40.8	6,300	240.0	44.4	7,000	240.0	45.0	6,700	240.0	49.6	6,500 *
230.0	30.9	5,900	230.0			230.0	38.1	6,500	230.0	41.3	7,300	245.0	39.2	5,900	245.0	42.7	6,500	245.0	43.6	6,200	245.0	48.3	6,400 *
235.0			235.0			235.0	36.3	6,000	235.0			250.0	37.6	5,400	250.0	41.0	6,000	250.0	42.3	5,800	250.0	46.8	6,400 *
240.0			240.0			240.0	34.4	5,500	240.0			255.0	36.0	5,000	255.0			255.0	40.9	5,400	255.0	45.4	6,200
245.0			245.0			245.0	32.5	5,100	245.0			260.0	34.2	4,600	260.0			260.0	39.4	5,000	260.0	43.8	5,700
250.0			250.0			250.0	30.4	4,700	250.0			265.0	32.4	4,200	265.0			265.0	37.9	4,600	265.0	42.2	5,300
												270.0	30.4	3,900	270.0			270.0	36.4	4,200	270.0	40.6	4,900
												275.0			275.0			275.0	34.8	3,800	275.0		
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

Note : Designed and rated to comply with ASME 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 31 to 32.



CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

230 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
55.0	80.4	47,800 *	55.0			55.0			55.0			70.0	80.0	21,900 *	70.0			70.0			70.0		
60.0	79.3	47,100 *	60.0			60.0			60.0			75.0	79.0	21,600 *	75.0			75.0	79.7	13,100 *	75.0		
65.0	78.2	46,400 *	65.0			65.0	79.7	42,100 *	65.0			80.0	78.1	21,500 *	80.0			80.0	78.9	12,900 *	80.0		
70.0	77.1	45,700 *	70.0	79.6	37,600	70.0	78.7	41,500 *	70.0			85.0	77.1	21,300 *	85.0			85.0	78.0	12,800 *	85.0		
75.0	76.0	45,000 *	75.0	78.5	37,000	75.0	77.7	41,000 *	75.0			90.0	76.2	21,100 *	90.0			90.0	77.1	12,600 *	90.0		
80.0	74.9	44,300 *	80.0	77.4	36,400	80.0	76.7	40,400 *	80.0	80.5	29,900 *	95.0	75.2	20,900 *	95.0	79.8	16,600 *	95.0	76.2	12,500 *	95.0		
85.0	73.8	44,000 *	85.0	76.2	35,800	85.0	75.6	39,900 *	85.0	79.4	28,200 *	100.0	74.3	20,700 *	100.0	78.8	16,400 *	100.0	75.3	12,300 *	100.0		
90.0	72.7	39,000	90.0	75.1	35,300 *	90.0	74.6	39,400	90.0	78.4	27,400 *	105.0	73.3	20,500 *	105.0	77.8	16,200 *	105.0	74.4	12,200 *	105.0	79.8	9,000 *
95.0	71.5	35,800	95.0	74.0	34,700 *	95.0	73.6	36,500	95.0	77.3	26,600 *	110.0	72.3	20,300 *	110.0	76.8	16,000 *	110.0	73.5	12,000 *	110.0	78.8	8,900 *
100.0	70.4	33,200	100.0	72.8	34,200	100.0	72.5	33,800	100.0	76.3	25,900 *	115.0	71.3	19,900 *	115.0	75.8	15,800 *	115.0	72.5	11,700 *	115.0	77.9	8,700 *
105.0	69.3	30,800	105.0	71.7	32,000	105.0	71.5	31,500	105.0	75.2	25,200 *	120.0	70.3	19,600 *	120.0	74.8	15,600 *	120.0	71.6	11,400 *	120.0	77.0	8,600 *
110.0	68.1	28,700	110.0	70.5	29,900	110.0	70.4	29,300	110.0	74.2	24,600 *	125.0	69.3	19,200 *	125.0	73.7	15,400 *	125.0	70.7	11,200 *	125.0	76.0	8,400 *
115.0	67.0	26,600	115.0	69.3	27,700	115.0	69.3	27,200	115.0	73.1	23,900 *	130.0	68.3	18,800 *	130.0	72.7	15,200 *	130.0	69.8	11,000 *	130.0	75.1	8,300 *
120.0	65.8	24,900	120.0	68.1	25,900	120.0	68.3	25,500	120.0	72.0	23,400 *	135.0	67.3	18,500 *	135.0	71.7	15,100 *	135.0	68.8	10,700 *	135.0	74.1	8,200 *
125.0	64.6	23,300	125.0	66.9	24,300	125.0	67.2	23,900	125.0	70.9	22,900 *	140.0	66.3	18,200 *	140.0	70.6	14,900 *	140.0	67.9	10,500 *	140.0	73.1	8,100 *
130.0	63.4	21,800	130.0	65.7	22,700	130.0	66.1	22,400	130.0	69.8	22,400 *	145.0	65.3	17,900 *	145.0	69.6	14,700 *	145.0	66.9	10,300 *	145.0	72.2	8,000 *
135.0	62.2	20,500	135.0	64.5	21,300	135.0	65.0	21,000	135.0	68.7	21,900 *	150.0	64.3	17,600 *	150.0	68.5	14,600 *	150.0	66.0	10,100 *	150.0	71.2	7,800 *
140.0	61.0	19,100	140.0	63.2	19,900	140.0	63.9	19,700	140.0	67.5	21,300	155.0	63.2	17,300	155.0	67.5	14,400 *	155.0	65.0	9,900 *	155.0	70.2	7,800 *
145.0	59.7	18,000	145.0	62.0	18,700	145.0	62.7	18,500	145.0	66.4	20,000	160.0	62.1	16,200	160.0	66.4	14,300 *	160.0	64.0	9,700 *	160.0	69.2	7,600 *
150.0	58.5	16,900	150.0	60.7	17,600	150.0	61.6	17,400	150.0	65.2	18,900	165.0	61.1	15,400	165.0	65.3	14,100 *	165.0	63.0	9,500 *	165.0	68.2	7,500 *
155.0	57.2	15,900	155.0	59.4	16,600	155.0	60.5	16,400	155.0	64.1	17,800	170.0	60.0	14,500	170.0	64.2	13,800 *	170.0	62.0	9,300 *	170.0	67.1	7,500 *
160.0	55.9	14,900	160.0	58.1	15,500	160.0	59.3	15,500	160.0	62.9	16,800	175.0	58.9	13,800	175.0	63.0	13,600 *	175.0	61.0	9,100 *	175.0	66.1	7,400 *
165.0	54.6	14,100	165.0	56.8	14,600	165.0	58.1	14,600	165.0	61.7	15,800	180.0	57.8	13,000	180.0	61.9	13,400 *	180.0	60.0	9,000 *	180.0	65.1	7,300 *
170.0	53.3	13,200	170.0	55.4	13,800	170.0	56.9	13,800	170.0	60.4	14,900	185.0	56.7	12,300	185.0	60.7	13,100 *	185.0	59.0	8,800 *	185.0	64.0	7,200 *
175.0	51.9	12,500	175.0	54.0	13,000	175.0	55.7	13,000	175.0	59.2	14,100	190.0	55.5	11,600	190.0	59.6	12,600	190.0	58.0	8,700 *	190.0	63.0	7,100 *
180.0	50.5	11,700	180.0	52.6	12,200	180.0	54.5	12,200	180.0	58.0	13,300	195.0	54.4	11,000	195.0	58.4	11,900	195.0	56.9	8,500 *	195.0	61.9	7,100 *
185.0	49.1	11,000	185.0	51.2	11,500	185.0	53.2	11,500	185.0	56.7	12,600	200.0	53.2	10,400	200.0	57.2	11,300	200.0	55.9	8,400 *	200.0	60.8	7,000 *
190.0	47.7	10,200	190.0	49.7	10,800	190.0	51.9	10,900	190.0	55.4	11,900	205.0	52.0	9,700	205.0	55.9	10,700	205.0	54.8	8,200 *	205.0	59.7	6,900 *
195.0	46.2	9,500	195.0	48.2	10,000	195.0	50.6	10,100	195.0	54.1	11,200	210.0	50.8	9,100	210.0	54.7	10,100	210.0	53.7	8,100 *	210.0	58.5	6,800 *
200.0	44.7	8,800	200.0	46.6	9,300	200.0	49.3	9,400	200.0	52.7	10,600	215.0	49.6	8,500	215.0	53.4	9,500	215.0	52.6	8,000 *	215.0	57.4	6,800 *
205.0	43.1	8,200	205.0	45.0	8,600	205.0	47.9	8,800	205.0	51.3	9,900	220.0	48.3	7,900	220.0	52.1	8,900	220.0	51.4	7,900 *	220.0	56.2	6,700 *
210.0	41.5	7,500	210.0	43.3	8,000	210.0	46.6	8,200	210.0	49.9	9,300	225.0	47.0	7,300	225.0	50.7	8,200	225.0	50.3	7,700	225.0	55.0	6,700 *
215.0	39.8	7,000	215.0	41.6	7,300	215.0	45.1	7,600	215.0	48.4	8,600	230.0	45.7	6,800	230.0	49.4	7,700	230.0	49.1	7,200	230.0	53.8	6,600 *
220.0	38.1	6,400	220.0	39.8	6,700	220.0	43.7	7,000	220.0	46.9	8,000	235.0	44.3	6,300	235.0	48.0	7,100	235.0	47.9	6,700	235.0	52.6	6,600 *
225.0	36.3	5,900	225.0			225.0	42.2	6,400	225.0	45.4	7,400	240.0	43.0	5,800	240.0	46.5	6,600	240.0	46.7	6,200	240.0	51.3	6,500 *
230.0	34.4	5,400	230.0			230.0	40.6	6,000	230.0	43.8	6,800	245.0	41.5	5,400	245.0	45.0	6,100	245.0	45.5	5,700	245.0	50.0	6,500 *
235.0	32.4	4,900	235.0			235.0	39.0	5,500	235.0	42.2	6,300	250.0	40.1	4,900	250.0	43.5	5,600	250.0	44.2	5,300	250.0	48.7	6,200
240.0	30.3	4,400	240.0			240.0	37.3	5,000	240.0	40.4	5,800	255.0	38.5	4,500	255.0	41.9	5,100	255.0	42.9	4,900	255.0	47.3	5,800
245.0			245.0			245.0	35.6	4,500	245.0			260.0	37.0	4,100	260.0	40.2	4,700	260.0	41.6	4,500	260.0	45.9	5,300
250.0			250.0			250.0	33.8	4,100	250.0			265.0			265.0			265.0	40.2	4,100	265.0	44.5	4,900
												270.0			270.0			270.0			270.0	43.0	4,400
												275.0			275.0			275.0			275.0	41.4	4,000
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

Note : Designed and rated to comply with ASME 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 31 to 32.

CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook)

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

240 ft Boom																							
40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
60.0	79.7	42,200 *	60.0			60.0			60.0			70.0	80.3	21,900 *	70.0			70.0			70.0		
65.0	78.6	41,500 *	65.0			65.0	80.1	41,300 *	65.0			75.0	79.4	21,700 *	75.0			75.0	80.0	13,200 *	75.0		
70.0	77.6	40,800 *	70.0	80.0	37,900	70.0	79.1	40,600 *	70.0			80.0	78.5	21,500 *	80.0			80.0	79.2	13,000 *	80.0		
75.0	76.5	40,100 *	75.0	78.9	37,200	75.0	78.1	39,800 *	75.0			85.0	77.6	21,300 *	85.0			85.0	78.3	12,800 *	85.0		
80.0	75.4	39,500 *	80.0	77.8	36,700	80.0	77.1	39,200 *	80.0			90.0	76.6	21,100 *	90.0			90.0	77.5	12,700 *	90.0		
85.0	74.4	38,800 *	85.0	76.7	36,100	85.0	76.1	38,500 *	85.0	79.8	28,500 *	95.0	75.7	20,900 *	95.0	80.1	16,700 *	95.0	76.6	12,500 *	95.0		
90.0	73.3	38,200 *	90.0	75.7	35,500 *	90.0	75.1	37,900 *	90.0	78.8	27,700 *	100.0	74.8	20,800 *	100.0	79.1	16,400 *	100.0	75.7	12,400 *	100.0		
95.0	72.2	35,400	95.0	74.6	34,800 *	95.0	74.1	36,100	95.0	77.8	26,900 *	105.0	73.8	20,600 *	105.0	78.2	16,200 *	105.0	74.8	12,300 *	105.0	80.1	9,000 *
100.0	71.1	32,700	100.0	73.5	34,100	100.0	73.1	33,400	100.0	76.8	26,200 *	110.0	72.9	20,400 *	110.0	77.2	16,000 *	110.0	74.0	12,100 *	110.0	79.2	8,900 *
105.0	70.0	30,400	105.0	72.4	31,700	105.0	72.1	31,000	105.0	75.7	25,500 *	115.0	71.9	20,100 *	115.0	76.3	15,900 *	115.0	73.1	11,900 *	115.0	78.3	8,800 *
110.0	68.9	28,200	110.0	71.2	29,500	110.0	71.1	28,900	110.0	74.7	24,900 *	120.0	71.0	19,800 *	120.0	75.3	15,700 *	120.0	72.2	11,600 *	120.0	77.4	8,600 *
115.0	67.8	26,200	115.0	70.1	27,300	115.0	70.1	26,800	115.0	73.7	24,300 *	125.0	70.0	19,400 *	125.0	74.3	15,500 *	125.0	71.3	11,400 *	125.0	76.5	8,500 *
120.0	66.7	24,400	120.0	69.0	25,500	120.0	69.0	25,000	120.0	72.6	23,700 *	130.0	69.1	19,100 *	130.0	73.3	15,300 *	130.0	70.4	11,100 *	130.0	75.5	8,400 *
125.0	65.6	22,800	125.0	67.8	23,900	125.0	68.0	23,400	125.0	71.6	23,200 *	135.0	68.1	18,800 *	135.0	72.3	15,100 *	135.0	69.5	10,900 *	135.0	74.6	8,200 *
130.0	64.4	21,400	130.0	66.7	22,300	130.0	66.9	22,000	130.0	70.5	22,700 *	140.0	67.1	18,400 *	140.0	71.3	15,000 *	140.0	68.6	10,600 *	140.0	73.7	8,100 *
135.0	63.3	20,000	135.0	65.5	20,900	135.0	65.9	20,600	135.0	69.4	22,200 *	145.0	66.1	18,100 *	145.0	70.3	14,800 *	145.0	67.6	10,400 *	145.0	72.7	8,000 *
140.0	62.1	18,700	140.0	64.3	19,500	140.0	64.8	19,200	140.0	68.4	20,900	150.0	65.1	17,800 *	150.0	69.3	14,700 *	150.0	66.7	10,200 *	150.0	71.8	7,900 *
145.0	60.9	17,500	145.0	63.1	18,300	145.0	63.7	18,100	145.0	67.3	19,700	155.0	64.1	16,800	155.0	68.2	14,500 *	155.0	65.8	10,000 *	155.0	70.8	7,800 *
150.0	59.8	16,400	150.0	61.9	17,200	150.0	62.7	17,000	150.0	66.2	18,500	160.0	63.1	15,800	160.0	67.2	14,400 *	160.0	64.9	9,800 *	160.0	69.9	7,700 *
155.0	58.5	15,500	155.0	60.7	16,200	155.0	61.6	16,000	155.0	65.0	17,500	165.0	62.1	14,900	165.0	66.2	14,300 *	165.0	63.9	9,600 *	165.0	68.9	7,600 *
160.0	57.3	14,500	160.0	59.4	15,100	160.0	60.4	15,000	160.0	63.9	16,400	170.0	61.0	14,100	170.0	65.1	14,000 *	170.0	63.0	9,500 *	170.0	67.9	7,500 *
165.0	56.1	13,600	165.0	58.2	14,200	165.0	59.3	14,100	165.0	62.8	15,500	175.0	60.0	13,300	175.0	64.0	13,800 *	175.0	62.0	9,300 *	175.0	66.9	7,400 *
170.0	54.8	12,800	170.0	56.9	13,400	170.0	58.2	13,300	170.0	61.6	14,600	180.0	58.9	12,500	180.0	62.9	13,600 *	180.0	61.0	9,100 *	180.0	65.9	7,300 *
175.0	53.5	12,000	175.0	55.6	12,600	175.0	57.0	12,500	175.0	60.4	13,800	185.0	57.9	11,800	185.0	61.8	13,000	185.0	60.0	9,000 *	185.0	64.9	7,300 *
180.0	52.2	11,100	180.0	54.3	11,800	180.0	55.8	11,800	180.0	59.2	12,900	190.0	56.8	11,200	190.0	60.7	12,300	190.0	59.0	8,800 *	190.0	63.9	7,200 *
185.0	50.9	10,300	185.0	52.9	11,000	185.0	54.7	11,000	185.0	58.0	12,200	195.0	55.7	10,500	195.0	59.6	11,600	195.0	58.0	8,700 *	195.0	62.9	7,100 *
190.0	49.6	9,600	190.0	51.5	10,200	190.0	53.4	10,200	190.0	56.8	11,500	200.0	54.6	9,800	200.0	58.4	10,900	200.0	57.0	8,500 *	200.0	61.8	7,000 *
195.0	48.2	8,800	195.0	50.1	9,400	195.0	52.2	9,500	195.0	55.6	10,800	205.0	53.4	9,100	205.0	57.3	10,300	205.0	56.0	8,400 *	205.0	60.8	7,000 *
200.0	46.8	8,100	200.0	48.7	8,700	200.0	51.0	8,800	200.0	54.3	10,100	210.0	52.3	8,500	210.0	56.1	9,700	210.0	54.9	8,200 *	210.0	59.7	6,900 *
205.0	45.3	7,500	205.0	47.2	8,000	205.0	49.7	8,100	205.0	53.0	9,400	215.0	51.1	7,900	215.0	54.9	9,000	215.0	53.9	8,100 *	215.0	58.6	6,800 *
210.0	43.8	6,900	210.0	45.6	7,300	210.0	48.4	7,500	210.0	51.6	8,700	220.0	49.9	7,300	220.0	53.6	8,300	220.0	52.8	7,600	220.0	57.5	6,800 *
215.0	42.3	6,300	215.0	44.1	6,700	215.0	47.1	6,900	215.0	50.3	8,100	225.0	48.7	6,700	225.0	52.4	7,700	225.0	51.7	7,100	225.0	56.3	6,700 *
220.0	40.7	5,700	220.0	42.5	6,100	220.0	45.7	6,300	220.0	48.9	7,400	230.0	47.5	6,200	230.0	51.1	7,200	230.0	50.6	6,500	230.0	55.2	6,700 *
225.0	39.1	5,200	225.0			225.0	44.3	5,800	225.0	47.5	6,800	235.0	46.2	5,700	235.0	49.8	6,600	235.0	49.5	6,100	235.0	54.0	6,600 *
230.0	37.4	4,700	230.0			230.0	42.9	5,300	230.0	46.0	6,300	240.0	44.9	5,200	240.0	48.4	6,000	240.0	48.3	5,600	240.0	52.8	6,600 *
235.0			235.0			235.0	41.4	4,800	235.0	44.5	5,700	245.0	43.6	4,800	245.0	47.0	5,500	245.0	47.2	5,100	245.0	51.6	6,200
240.0			240.0			240.0	39.9	4,300	240.0	42.9	5,200	250.0	42.2	4,300	250.0	45.6	5,000	250.0	46.0	4,700	250.0	50.4	5,700
												255.0			255.0	44.1	4,600	255.0	44.7	4,300	255.0	49.1	5,300
												260.0			260.0	42.6	4,100	260.0			260.0	47.8	4,800
												265.0			265.0			265.0			265.0	46.5	4,300
												270.0			270.0			270.0			270.0	45.1	3,900
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-**KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.**

Note : Designed and rated to comply with **ASME 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 31 to 32.



CRANE - SUPPLEMENTAL DATA

Clamshell

- Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions.

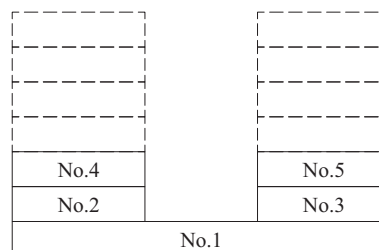
The user must limit or derate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, multiple machine lifts, and traveling with a load).

- Rated loads do not exceed 66% of minimum tipping loads. Rated loads based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
- The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.
 - 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.
 - 71,900 lbs counterweights and without carbody weights.
- Do not attempt to lift where no ratings are shown as crane may tip or collapse.
- Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
- Weight of bucket, slings and other lifting devices are a part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.
- The boom should be erected over the front of the crawlers, not laterally.
- Least stable position is over the side.
- Maximum hoist load for number of reeving parts of line for hoist rope.

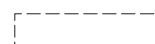
No. of Parts of line	1
Max. Loads : lbs	29,500

10. ASSEMBLING THE COUNTERWEIGHT

71,900 lbs counterweight (No.1~No.5)
Without carbody weight



Counterweight



Carbody weight

- 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.

CRANE - LIFTING CHART

Clamshell Lift Capacity

Counterweights : 71,900 lbs Without Carbodyweights

50 ft Boom			60 ft Boom			70 ft Boom			80 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
28.0	63.7	29,500 *	32.0	64.2	29,500 *	36.0	64.5	29,500 *	40.0	64.7	29,500 *
30.0	61.1	29,500 *	34.0	62.0	29,500 *	38.0	62.6	29,500 *	45.0	60.7	29,500 *
32.0	58.4	29,500 *	36.0	59.8	29,500 *	40.0	60.8	29,500 *	50.0	56.4	29,500 *
34.0	55.6	29,500 *	38.0	57.5	29,500 *	45.0	55.9	29,500 *	55.0	52.0	29,500 *
36.0	52.7	29,500 *	40.0	55.2	29,500 *	50.0	50.7	29,500 *	60.0	47.2	29,500 *
38.0	49.7	29,500 *	45.0	49.0	29,500 *	55.0	45.1	29,500 *	65.0	42.0	29,500 *
40.0	46.5	29,500 *	50.0	42.2	29,500 *	60.0	38.8	29,500 *	70.0	36.2	29,500 *
45.0	37.7	29,500 *	55.0	34.2	29,500 *	65.0	31.6	29,500 *	75.0	29.4	29,500 *
50.0	26.4	29,500 *									
90 ft Boom			100 ft Boom			110 ft Boom			120 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
45.0	64.2	29,500 *	50.0	63.8	29,500 *	55.0	63.5	29,500 *	60.0	63.2	26,600 *
50.0	60.6	29,500 *	55.0	60.5	29,500 *	60.0	60.5	29,500 *	65.0	60.4	26,000 *
55.0	56.8	29,500 *	60.0	57.2	29,500 *	65.0	57.4	28,600 *	70.0	57.6	25,300 *
60.0	52.9	29,500 *	65.0	53.6	29,500 *	70.0	54.3	27,700 *	75.0	54.7	24,600 *
65.0	48.7	29,500 *	70.0	50.0	29,500 *	75.0	50.9	27,100 *	80.0	51.7	24,000 *
70.0	44.3	29,500 *	75.0	46.1	29,500 *	80.0	47.5	26,200 *	85.0	48.6	23,300 *
75.0	39.4	29,500 *	80.0	41.9	27,500	85.0	43.8	24,600	90.0	45.3	22,700
80.0	34.0	27,700	85.0	37.3	25,100	90.0	39.8	22,700	95.0	41.8	20,700
			90.0	32.2	23,100	95.0	35.5	20,700	100.0	38.0	19,100
						100.0	30.6	19,100	105.0	33.9	17,800
									110.0	29.3	16,500

Note : Designed and rated to comply with ASME 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 54.



CRANE - SUPPLEMENTAL DATA

Barge (0 degree thru 3 degree machine list)

- Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions.

The user must limit or derate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, multiple machine lifts, and traveling with a load).

- Rated loads do not exceed 75% of minimum tipping loads. Rated loads based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

- The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.

- Machine shall be positively secured to prevent shifting.
- 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.
- Counterweights and carbody weights are fully installed.

- Do not attempt to lift where no ratings are shown as crane may tip or collapse.

- Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.

- Weight of hooks, hook blocks, slings and other lifting devices are a part of the total load. Their total weight must be sub-tracted from the rated load to obtain the weight that can be lifted.

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

Aux. Sheave For Crane Boom

Deductions : lbs	1,200
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Fixed jib

Jib length : ft	40	60	80	100
Deductions : lbs	Not applicable			

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

- The total load that can be lifted over an auxiliary sheave is the value for 1,200lbs deducted from rated load for the boom without auxiliary sheave, but it should not exceed auxiliary maximum hoist loads.

- Boom lengths that can attach auxiliary sheave are from 50 ft (15.2m) to 270 ft(82.3m).

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

- The minimum rated load is as shown below.

Standard boom	4,400 lbs (2.0 t)
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- Least stable position is over the side.

- 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
Max. Loads : lbs	29,500	59,000	88,500	118,000	147,500
Max. Loads : t	13.4	26.8	40.1	53.5	66.9

No. of Parts of line	6	7	8	9	10
Max. Loads : lbs	177,000	206,500	236,000	265,500	295,000
Max. Loads : t	80.3	93.7	107.0	120.4	133.8

No. of Parts of line	12
Max. Loads : lbs	352,800
Max. Loads : t	160.0

Auxiliary Hoist Loads

No. of Parts of line	1	2
Max. Loads : lbs	29,500	59,000
Max. Loads : t	13.4	26.8

- Weight of recommended hook block.

Hook block	200 USt	115 USt	70 USt	30 USt	BALL HOOK
Weight : lbs	8,500	4,000	3,000	2,200	1,160

WARNING

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

- 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.

- Designed and rated to comply with ASME B30.5-2018.

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

CRANE - LIFTING CHART

Barge Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

50 ft Boom						60 ft Boom						70 ft Boom					
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)			
		0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List
14.3	80.4	352,800 *				16.0	80.3	340,300 *				17.7	80.3	295,000 *			
15.0	79.6	352,700 *				17.0	79.4	330,600 *				18.0	80.1	295,000 *			
16.0	78.4	349,800 *	330,800 *			18.0	78.4	313,600 *	296,100 *			19.0	79.3	295,000 *	280,300 *		
17.0	77.2	330,600 *	313,800 *			19.0	77.5	298,300 *	282,600 *			20.0	78.4	284,600 *	267,800 *		
18.0	76.1	313,600 *	298,600 *	285,200 *		20.0	76.5	284,600 *	270,100 *	256,400 *		22.0	76.8	259,400 *	245,700 *		
19.0	74.9	298,300 *	284,900 *	272,700 *		22.0	74.5	259,400 *	247,600 *	236,100 *		24.0	75.1	238,700 *	226,100 *	214,700 *	
20.0	73.7	284,600 *	272,400 *	260,300 *	247,300 *	24.0	72.5	238,700 *	227,900 *	217,600 *	208,800 *	26.0	73.3	219,600 *	209,100 *	199,300 *	172,500 *
22.0	71.2	259,400 *	249,500 *	239,800 *	230,800 *	26.0	70.4	219,600 *	210,600 *	201,900 *	194,200 *	28.0	71.6	203,500 *	194,300 *	185,800 *	170,100 *
24.0	68.8	238,800 *	229,700 *	220,800 *	213,300 *	28.0	68.4	203,500 *	195,600 *	188,100 *	181,500 *	30.0	69.9	189,300 *	181,400 *	174,000 *	166,500 *
26.0	66.3	219,600 *	212,100 *	204,800 *	198,300 *	30.0	66.3	189,300 *	182,500 *	176,000 *	170,400 *	32.0	68.1	176,900 *	170,100 *	163,600 *	157,700 *
28.0	63.7	203,500 *	197,000 *	190,700 *	185,100 *	32.0	64.2	176,900 *	171,100 *	165,500 *	160,500 *	34.0	66.3	166,100 *	160,000 *	154,400 *	149,200 *
30.0	61.1	189,300 *	183,800 *	178,400 *	173,600 *	34.0	62.0	166,100 *	161,000 *	156,000 *	151,700 *	36.0	64.5	156,400 *	151,100 *	145,900 *	140,800 *
32.0	58.4	176,900 *	172,200 *	167,600 *	163,500 *	36.0	59.8	156,400 *	151,900 *	147,600 *	143,500 *	38.0	62.6	147,800 *	142,500 *	137,500 *	132,700 *
34.0	55.6	166,100 *	162,000 *	158,000 *	154,400 *	38.0	57.5	147,800 *	143,500 *	139,400 *	135,500 *	40.0	60.8	139,100 *	134,200 *	129,400 *	124,700 *
36.0	52.7	156,400 *	152,900 *	149,500 *	146,300 *	40.0	55.2	139,400 *	135,300 *	131,400 *	127,600 *	45.0	55.9	118,500 *	115,000 *	111,600 *	108,200 *
38.0	49.7	147,800 *	144,700 *	141,700 *	138,800 *	45.0	49.0	118,800 *	116,000 *	113,300 *	110,700 *	50.0	50.7	103,000 *	100,400 *	98,000 *	95,600 *
40.0	46.5	139,900 *	136,800 *	133,800 *	131,000 *	50.0	42.2	103,500 *	101,500 *	99,600 *	97,800 *	55.0	45.1	91,100 *	89,200 *	87,400 *	85,700 *
45.0	37.7	119,300 *	116,100 *	113,200 *	110,400 *							60.0	38.8	81,500 *	80,100 *	78,800 *	77,600 *
Reeves		12	12	10	9	Reeves		12	12	9	8	Reeves		10	10	8	6
80 ft Boom						90 ft Boom						100 ft Boom					
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)			
		0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List
19.3	80.4	294,100 *				21.0	80.3	265,500 *				22.7	80.3	236,000 *			
20.0	79.9	284,600 *				22.0	79.7	259,400 *				24.0	79.6	236,000 *			
22.0	78.4	259,400 *	243,800 *			24.0	78.4	238,700 *	222,700 *			26.0	78.4	219,600 *	204,700 *		
24.0	77.0	238,700 *	224,400 *			26.0	77.1	219,600 *	206,200 *			28.0	77.3	203,500 *	190,400 *		
26.0	75.5	219,600 *	207,600 *	191,500 *		28.0	75.8	203,500 *	191,700 *	168,900 *		30.0	76.1	189,300 *	177,900 *	150,200 *	
28.0	74.0	203,500 *	193,000 *	183,500 *		30.0	74.5	189,300 *	179,100 *	166,600 *		32.0	74.9	176,900 *	167,100 *	148,400 *	
30.0	72.5	189,300 *	180,200 *	172,000 *	147,800 *	32.0	73.2	176,900 *	168,000 *	159,900 *	129,300 *	34.0	73.7	166,100 *	157,300 *	146,500 *	114,800 *
32.0	71.0	176,900 *	169,000 *	161,800 *	146,000 *	34.0	71.8	166,100 *	158,200 *	151,100 *	127,900 *	36.0	72.5	156,400 *	148,700 *	139,900 *	113,600 *
34.0	69.4	166,100 *	159,100 *	152,700 *	143,900 *	36.0	70.5	156,400 *	149,400 *	142,200 *	125,700 *	38.0	71.3	147,800 *	139,200 *	131,800 *	112,500 *
36.0	67.9	156,400 *	150,300 *	144,100 *	137,900 *	38.0	69.1	147,800 *	140,300 *	133,600 *	122,100 *	40.0	70.1	138,200 *	130,800 *	123,600 *	111,000 *
38.0	66.3	147,800 *	141,400 *	135,400 *	129,900 *	40.0	67.7	138,400 *	131,900 *	125,500 *	118,400 *	45.0	67.0	117,500 *	112,100 *	106,800 *	101,700 *
40.0	64.7	138,700 *	133,000 *	127,400 *	121,900 *	45.0	64.2	117,800 *	113,100 *	108,500 *	104,000 *	50.0	63.8	102,000 *	98,000 *	94,100 *	90,200 *
45.0	60.7	118,100 *	113,900 *	109,900 *	105,900 *	50.0	60.6	102,600 *	98,900 *	95,400 *	91,900 *	55.0	60.5	90,200 *	87,000 *	83,900 *	80,800 *
50.0	56.4	102,600 *	99,500 *	96,500 *	93,700 *	55.0	56.8	90,400 *	87,600 *	84,900 *	82,200 *	60.0	57.2	80,500 *	77,900 *	75,400 *	73,000 *
55.0	52.0	90,700 *	88,300 *	86,000 *	83,700 *	60.0	52.9	80,700 *	78,500 *	76,400 *	74,300 *	65.0	53.6	72,400 *	70,400 *	68,500 *	66,700 *
60.0	47.2	80,900 *	79,100 *	77,400 *	75,800 *	65.0	48.7	72,700 *	71,000 *	69,400 *	67,800 *	70.0	50.0	66,000 *	64,300 *	62,700 *	61,200 *
65.0	42.0	73,200 *	71,800 *	70,500 *	69,200 *	70.0	44.3	66,200 *	64,800 *	63,500 *	62,300 *	75.0	46.1	60,300 *	58,900 *	57,700 *	56,500 *
70.0	36.2	66,600 *	65,500 *	64,600 *	63,700 *	75.0	39.4	60,600 *	59,500 *	58,500 *	57,600 *	80.0	41.9	55,500 *	54,400 *	53,400 *	52,400 *
												85.0	37.3	51,300 *	50,400 *	49,600 *	48,900 *
Reeves		10	9	7	6	Reeves		9	8	6	5	Reeves		8	7	6	5

Note : Designed and rated to comply with ASME 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 56.

CRANE - LIFTING CHART

Barge Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

110 ft Boom						120 ft Boom						130 ft Boom					
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)			
		0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List
24.3	80.4	235,500 *				26.0	80.3	206,500 *				27.7	80.3	194,700 *			
26.0	79.5	219,600 *				28.0	79.4	203,500 *				28.0	80.2	194,700 *			
28.0	78.4	203,500	189,200 *			30.0	78.5	189,300 *	175,900 *			30.0	79.4	189,300 *			
30.0	77.4	189,300	176,800 *			32.0	77.5	176,900 *	165,200			32.0	78.5	176,900 *	164,300 *		
32.0	76.3	176,900	166,100	134,700 *		34.0	76.5	166,100	155,600	122,000 *		34.0	77.5	166,100	154,900 *		
34.0	75.2	166,100	156,400	133,100 *		36.0	75.5	156,400	147,000	120,700 *		36.0	76.6	156,400	145,900		
36.0	74.1	156,400	147,900	131,600 *		38.0	74.5	147,800	137,100	119,200 *		38.0	75.7	147,700	136,100	109,400 *	
38.0	73.1	147,800	137,800	126,000 *	101,400 *	40.0	73.5	137,700	128,900	117,600 *	91,700 *	40.0	74.8	137,500	127,900	108,200 *	
40.0	72.0	137,700	129,600	120,300 *	100,500 *	45.0	71.0	117,100	110,500	104,100	89,600 *	45.0	72.5	116,900	109,800	101,900 *	81,700 *
45.0	69.2	117,100	111,100	105,300	97,200 *	50.0	68.4	101,600	96,500	91,500	86,200 *	50.0	70.2	101,400	95,800	90,400	80,000 *
50.0	66.4	101,600	97,000	92,500	88,300	55.0	65.8	89,400	85,400	81,500	78,100	55.0	67.8	89,200	84,800	80,600	76,500 *
55.0	63.5	89,400	85,800	82,300	79,000	60.0	63.2	79,700	76,500	73,400	70,600	60.0	65.4	79,500	76,000	72,500	69,500
60.0	60.5	79,700	76,900	74,200	71,600	65.0	60.4	71,800	69,100	66,500	64,200	65.0	62.9	71,500	68,500	65,700	63,200
65.0	57.4	72,000	69,600	67,300	65,100	70.0	57.6	65,000	62,800	60,800	58,900	70.0	60.4	64,700	62,300	60,000	58,000
70.0	54.3	65,200	63,300	61,500	59,700	75.0	54.7	59,400	57,600	55,800	54,200	75.0	57.8	59,100	57,100	55,200	53,500
75.0	50.9	59,600	58,100	56,700	55,300	80.0	51.7	54,500	53,000	51,600	50,300	80.0	55.2	54,300	52,600	51,000	49,500
80.0	47.5	55,000	53,700	52,500	51,300	85.0	48.6	50,400	49,100	47,900	46,800	85.0	52.4	50,100	48,700	47,400	46,100
85.0	43.8	50,900	49,800	48,800	47,900	90.0	45.3	46,700	45,700	44,700	43,800	90.0	49.6	46,500	45,300	44,200	43,200
90.0	39.8	47,300	46,400	45,600	44,800	95.0	41.8	43,600	42,700	41,900	41,100	95.0	46.6	43,400	42,300	41,300	40,300
95.0	35.5	44,100	43,400	42,700	42,100	100.0	38.0	40,700	40,000	39,300	38,700	100.0	43.4	40,400	39,600	38,800	38,100
						105.0	33.9	38,200	37,600	37,100	36,600	105.0	40.1	38,000	37,200	36,500	35,800
												110.0	36.4	35,600	35,000	34,400	33,900
Reeves		8	7	5	4	Reeves		7	6	5	4	Reeves		7	6	4	3
140 ft Boom						150 ft Boom						160 ft Boom					
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)			
		0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List
29.3	80.4	177,000 *				31.0	80.3	177,000 *				32.7	80.3	147,500 *			
30.0	80.1	177,000 *				32.0	80.0	171,700 *				34.0	79.9	147,500 *			
32.0	79.3	175,100 *	155,900 *			34.0	79.2	160,400 *	142,100 *			36.0	79.2	147,500 *	130,000 *		
34.0	78.5	163,600 *	151,300 *			36.0	78.5	150,500	138,400 *			38.0	78.5	139,900 *	126,600 *		
36.0	77.6	153,700 *	142,800 *			38.0	77.7	142,100	131,700			40.0	77.7	132,100 *	121,400 *		
38.0	76.8	144,900	134,900			40.0	76.9	134,300	124,400			45.0	75.9	115,900	106,900	83,000 *	
40.0	75.9	137,000	126,600	99,600 *		45.0	74.9	115,900	107,600	89,500 *		50.0	74.0	100,100	93,300	81,100 *	
45.0	73.8	116,300	108,600	97,200 *		50.0	72.9	100,400	93,900	87,100 *	67,100 *	55.0	72.1	88,000	82,600	77,400 *	60,900 *
50.0	71.7	100,800	94,800	88,900 *	73,300 *	55.0	70.9	88,200	83,100	78,200	65,800 *	60.0	70.2	78,300	73,800	69,600	59,700 *
55.0	69.5	88,700	83,800	79,100	71,800 *	60.0	68.9	78,500	74,400	70,400	64,400 *	65.0	68.3	70,200	66,700	63,300	58,400 *
60.0	67.3	78,700	75,000	71,400	68,200 *	65.0	66.8	70,600	67,100	63,700	61,000 *	70.0	66.4	63,800	60,600	57,600	55,100 *
65.0	65.0	71,000	67,800	64,700	62,100	70.0	64.7	63,800	60,900	58,100	55,800	75.0	64.4	57,900	55,300	52,900	50,700
70.0	62.7	64,200	61,600	59,200	56,900	75.0	62.5	58,100	55,700	53,400	51,500	80.0	62.4	53,100	50,900	48,800	47,000
75.0	60.4	58,700	56,400	54,200	52,400	80.0	60.4	53,300	51,300	49,400	47,700	85.0	60.3	48,900	47,000	45,200	43,700
80.0	58.0	53,700	51,900	50,200	48,600	85.0	58.1	49,200	47,400	45,700	44,300	90.0	58.2	45,300	43,700	42,200	40,800
85.0	55.5	49,700	48,100	46,600	45,100	90.0	55.8	45,500	44,000	42,700	41,400	95.0	56.1	42,200	40,700	39,300	38,100
90.0	53.0	46,000	44,600	43,200	42,000	95.0	53.5	42,400	41,000	39,700	38,600	100.0	53.9	39,200	37,900	36,700	35,700
95.0	50.4	42,600	41,500	40,500	39,600	100.0	51.0	39,400	38,200	37,200	36,200	105.0	51.6	36,600	35,500	34,600	33,600
100.0	47.6	40,000	39,000	38,000	37,100	105.0	48.5	36,800	35,800	35,000	34,100	110.0	49.3	34,400	33,400	32,400	31,600
105.0	44.8	37,400	36,600	35,800	35,000	110.0	45.9	34,600	33,700	32,800	32,100	115.0	46.9	32,200	31,300	30,600	29,900
110.0	41.7	35,200	34,400	33,700	33,000	115.0	43.1	32,400	31,700	31,200	30,600	120.0	44.3	30,300	29,600	28,900	28,300
115.0	38.5	33,000	32,300	31,700	31,100	120.0	40.2	30,800	30,100	29,600	29,000	125.0	41.7	28,600	28,000	27,400	26,900
120.0	35.1	31,000	30,500	30,100	29,700	125.0	37.1	29,100	28,500	27,900	27,300	130.0	38.9	27,100	26,500	26,000	25,600
						130.0	33.8	27,300	26,800	26,400	26,000	135.0	35.9	25,700	25,100	24,600	24,200
												140.0	32.7	24,200	23,700	23,300	23,000
Reeves		6	6	4	3	Reeves		6	5	4	3	Reeves		5	5	3	3

Note : Designed and rated to comply with ASME 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 56.

CRANE - LIFTING CHART

Barge Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

170 ft Boom						180 ft Boom						190 ft Boom					
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)			
		0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List
34.3	80.4	147,500 *				36.0	80.4	138,900 *				37.7	80.3	118,000 *			
36.0	79.8	145,500 *				38.0	79.8	134,600 *				38.0	80.3	118,000 *			
38.0	79.1	137,000 *	118,800 *			40.0	79.1	127,000 *	109,500 *			40.0	79.7	118,000 *			
40.0	78.5	129,400 *	116,300 *			45.0	77.5	111,700	102,500 *			45.0	78.1	110,300	97,100 *		
45.0	76.7	113,900	105,400			50.0	75.8	99,400	91,700	69,700 *		50.0	76.6	98,200	89,900 *		
50.0	75.0	99,800	92,400	75,000 *		55.0	74.2	87,300	81,000	68,200 *		55.0	75.0	87,000	80,500	62,600 *	
55.0	73.2	87,500	81,700	73,000 *	55,900 *	60.0	72.5	77,300	72,300	65,800 *	50,800 *	60.0	73.5	77,300	72,000	60,900 *	46,200 *
60.0	71.5	77,800	73,100	68,700 *	54,800 *	65.0	70.8	69,400	65,300	61,500 *	49,700 *	65.0	71.9	69,400	64,800	58,800 *	45,400 *
65.0	69.7	69,800	65,900	62,300	53,800 *	70.0	69.1	62,800	59,300	56,100	48,800 *	70.0	70.3	62,500	58,800	55,500 *	44,700 *
70.0	67.8	63,200	59,800	56,700	52,800 *	75.0	67.4	57,200	54,200	51,400	47,900 *	75.0	68.7	56,900	53,800	50,900	43,800 *
75.0	66.0	57,400	54,600	52,000	49,800 *	80.0	65.7	52,300	49,700	47,300	45,100 *	80.0	67.0	52,100	49,500	47,000	42,800 *
80.0	64.1	52,500	50,200	48,100	46,100	85.0	63.9	48,000	45,800	43,800	42,000	85.0	65.4	48,000	45,500	43,300	41,200 *
85.0	62.2	48,500	46,400	44,500	42,700	90.0	62.1	44,300	42,500	40,700	39,100	90.0	63.7	44,100	42,100	40,300	38,500 *
90.0	60.3	44,800	42,900	41,200	39,900	95.0	60.3	41,200	39,500	37,800	36,400	95.0	62.0	41,000	39,100	37,400	35,900
95.0	58.3	41,400	40,000	38,600	37,200	100.0	58.4	38,200	36,700	35,300	34,200	100.0	60.3	38,000	36,400	35,000	33,700
100.0	56.3	38,800	37,300	35,900	34,700	105.0	56.5	35,600	34,400	33,200	32,000	105.0	58.5	35,400	34,100	32,800	31,600
105.0	54.3	36,000	34,700	33,600	32,700	110.0	54.6	33,400	32,200	31,100	30,100	110.0	56.7	33,200	31,900	30,700	29,700
110.0	52.2	33,600	32,600	31,700	30,800	115.0	52.6	31,200	30,200	29,200	28,400	115.0	54.9	31,000	29,900	28,900	27,900
115.0	50.0	31,700	30,800	29,900	29,100	120.0	50.6	29,300	28,400	27,600	26,900	120.0	53.0	29,100	28,100	27,100	26,300
120.0	47.7	29,800	29,000	28,200	27,500	125.0	48.5	27,600	26,800	26,100	25,500	125.0	51.1	27,300	26,400	25,600	24,800
125.0	45.4	28,100	27,300	26,600	25,900	130.0	46.3	26,100	25,400	24,800	24,100	130.0	49.1	25,700	24,900	24,100	23,500
130.0	42.9	26,400	25,700	25,100	24,600	135.0	44.0	24,700	24,000	23,400	22,900	135.0	47.1	24,200	23,500	22,900	22,300
135.0	40.4	24,900	24,400	23,900	23,500	140.0	41.7	23,300	22,700	22,200	21,800	140.0	45.0	22,900	22,300	21,700	21,200
140.0	37.7	23,700	23,200	22,800	22,300	145.0	39.2	22,100	21,600	21,100	20,700	145.0	42.8	21,700	21,100	20,600	20,100
145.0	34.8	22,500	22,000	21,600		150.0	36.6	20,900	20,500	20,100	19,700	150.0	40.5	20,500	20,000	19,700	19,300
						155.0	33.8	19,900	19,500	19,100		155.0	38.1	19,600	19,200	18,800	18,400
												160.0	35.5	18,700	18,300	17,900	
Reeves		5	5	3	2	Reeves		5	4	3	2	Reeves		4	3	3	2
200 ft Boom						210 ft Boom						220 ft Boom					
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)			
		0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List
39.3	80.4	117,100 *				41.0	80.4	108,300 *				42.7	80.3	99,800 *			
40.0	80.2	116,300 *				45.0	79.3	105,000 *	84,800 *			45.0	79.8	98,200 *			
45.0	78.7	108,100 *	91,200 *			50.0	77.9	94,800	81,300 *			50.0	78.5	93,300 *	75,800 *		
50.0	77.3	96,200	87,400 *			55.0	76.5	85,300	77,500 *	54,200 *		55.0	77.1	83,900	72,500 *		
55.0	75.8	86,500	79,600 *	58,600 *		60.0	75.1	76,600	70,700 *	52,600 *		60.0	75.8	76,100	69,100 *	48,700 *	
60.0	74.3	76,800	71,200	57,000 *		65.0	73.7	68,600	63,800	51,000 *	39,000 *	65.0	74.4	68,400	63,200 *	47,200 *	
65.0	72.8	68,800	64,100	55,200 *	42,400 *	70.0	72.2	62,000	57,800	49,400 *	38,200 *	70.0	73.1	61,600	57,200	45,600 *	35,200 *
70.0	71.3	62,000	58,200	53,200 *	41,700 *	75.0	70.8	56,200	52,600	47,800 *	37,400 *	75.0	71.7	55,900	52,200	44,100 *	34,300 *
75.0	69.8	56,500	53,200	50,100 *	40,900 *	80.0	69.3	51,300	48,400	45,500 *	36,300 *	80.0	70.3	51,100	47,800	42,600 *	33,400 *
80.0	68.3	51,700	48,700	46,000 *	39,900 *	85.0	67.9	47,300	44,700	42,200 *	35,300 *	85.0	68.9	46,700	44,000	40,800 *	32,300 *
85.0	66.7	47,300	44,800	42,500	38,800 *	90.0	66.4	43,600	41,200	39,100	34,200 *	90.0	67.5	43,100	40,600	38,400 *	31,300 *
90.0	65.1	43,600	41,500	39,500	37,600 *	95.0	64.9	40,200	38,200	36,300	33,100 *	95.0	66.1	39,800	37,600	35,700 *	30,400 *
95.0	63.5	40,400	38,500	36,800	35,000 *	100.0	63.4	37,400	35,500	33,800	32,100 *	100.0	64.7	36,800	35,000	33,300	29,300 *
100.0	61.9	37,600	35,800	34,200	32,900 *	105.0	61.8	34,600	33,100	31,700	30,300 *	105.0	63.2	34,400	32,700	31,100	28,300 *
105.0	60.3	34,800	33,400	32,100	30,800	110.0	60.3	32,400	31,000	29,700	28,400 *	110.0	61.7	32,000	30,400	29,100	27,200 *
110.0	58.6	32,700	31,300	30,000	28,900	115.0	58.7	30,300	29,000	27,800	26,800 *	115.0	60.2	29,800	28,600	27,300	26,000 *
115.0	56.9	30,500	29,300	28,200	27,200	120.0	57.0	28,300	27,200	26,200	25,300	120.0	58.7	28,100	26,700	25,600	24,700 *
120.0	55.2	28,600	27,500	26,500	25,500	125.0	55.4	26,700	25,700	24,700	23,700	125.0	57.2	26,100	25,100	24,200	23,300 *
125.0	53.4	26,900	25,800	24,900	24,100	130.0	53.7	25,100	24,100	23,200	22,500	130.0	55.6	24,700	23,700	22,800	21,800 *
130.0	51.6	25,100	24,300	23,500	22,900	135.0	52.0	23,500	22,700	22,000	21,400	135.0	54.0	23,300	22,200	21,300	20,600
135.0	49.7	23,700	23,000	22,400	21,700	140.0	50.2	22,300	21,600	20,900	20,200	140.0	52.4	21,700	20,900	20,200	19,500
140.0	47.8	22,500	21,800	21,200	20,600	145.0	48.4	21,100	20,400	19,700	19,200	145.0	50.7	20,500	19,700	19,100	18,500
145.0	45.8	21,300	20,600	20,000	19,500	150.0	46.6	19,900	19,300	18,800	18,100	150.0	49.0	19,300	18,700	18,200	17,600
150.0	43.8	20,100	19,500	18,900	18,400	155.0	44.6	18,900	18,200	17,600	17,200	155.0	47.2	18,400	17,800	17,200	16,700
155.0	41.6	18,900	18,400	17,900	17,500	160.0	42.7	17,700	17,200	16,800	16,400	160.0	45.4	17,400	16,800	16,300	15,800
160.0	39.4	17,900	17,400	17,000	16,600	165.0	40.6	16,900	16,400	16,000	15,600	165.0	43.6	16,500	15,900	15,400	15,000
165.0	37.1	16,900	16,500	16,300	16,000	170.0	38.4	16,000	15,600	15,200	14,900	170.0	41.6	15,500	15,000	14,600	14,300
170.0	34.6	16,200	15,900	15,600		175.0	36.1	15,200	14,800	14,500	14,300	175.0	39.6	14,700	14,300	14,000	13,500
						180.0	33.7	14,500	14,200	13,900		180.0	37.5	14,000	13,500	13,000	12,700
												185.0	35.3	13,000	12,600	12,300	12,100
												190.0	32.9	12,300	12,000	11,800	
Reeves		4	4	2	2	Reeves		4	3	2	2	Reeves		4	3	2	2

Note : Designed and rated to comply with ASME 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 56.



CRANE - LIFTING CHART

Barge Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

230 ft Boom						240 ft Boom						250 ft Boom							
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)					
		0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List		
44.3	80.4	88,500 *				46.0	80.4	83,700 *				47.7	80.3	77,100 *					
45.0	80.2	88,500 *				50.0	79.4	80,300 *				50.0	79.9	74,900 *					
50.0	79.0	87,700 *	69,300 *			55.0	78.2	75,600 *	62,100 *			55.0	78.7	70,800 *	57,300 *				
55.0	77.7	82,100 *	66,100 *			60.0	77.0	71,200 *	59,200 *			60.0	77.5	66,600 *	54,700 *				
60.0	76.4	74,600 *	63,300 *	44,400 *		65.0	75.8	67,200 *	56,600 *	40,100 *		65.0	76.3	63,000 *	52,100 *	36,700 *			
65.0	75.1	67,800 *	60,400 *	42,900 *		70.0	74.5	61,100 *	53,900 *	38,600 *		70.0	75.2	59,400 *	49,600 *	35,300 *			
70.0	73.8	61,100 *	56,400 *	41,500 *		75.0	73.3	55,300 *	50,900 *	37,200 *	28,800 *	75.0	74.0	55,300 *	47,200 *	33,900 *			
75.0	72.5	55,500 *	51,700 *	40,000 *	31,100 *	80.0	72.0	50,400 *	47,000 *	35,700 *	27,800 *	80.0	72.8	50,100 *	45,000 *	32,500 *	25,000 *		
80.0	71.2	50,700 *	47,200 *	38,500 *	30,100 *	85.0	70.8	46,300 *	43,100 *	34,300 *	26,900 *	85.0	71.6	46,000 *	42,700 *	31,200 *	24,100 *		
85.0	69.9	46,300 *	43,400 *	37,000 *	29,100 *	90.0	69.5	42,400 *	39,800 *	33,100 *	25,900 *	90.0	70.3	42,400 *	39,500 *	29,900 *	23,200 *		
90.0	68.6	42,600 *	40,100 *	35,600 *	28,000 *	95.0	68.2	39,200 *	36,900 *	31,600 *	24,900 *	95.0	69.1	39,000 *	36,400 *	28,600 *	22,200 *		
95.0	67.2	39,400 *	37,200 *	34,200 *	27,000 *	100.0	66.9	36,400 *	34,100 *	30,200 *	24,000 *	100.0	67.9	36,000 *	33,800 *	27,200 *	21,300 *		
100.0	65.8	36,600 *	34,500 *	32,500 *	26,100 *	105.0	65.6	33,600 *	31,900 *	28,900 *	23,000 *	105.0	66.6	33,400 *	31,500 *	25,900 *	20,400 *		
105.0	64.5	33,900 *	32,100 *	30,500 *	25,100 *	110.0	64.3	31,500 *	29,700 *	27,800 *	22,100 *	110.0	65.4	31,200 *	29,400 *	24,800 *	19,400 *		
110.0	63.1	31,500 *	30,000 *	28,600 *	24,200 *	115.0	62.9	29,300 *	27,700 *	26,400 *	21,300 *	115.0	64.1	29,100 *	27,400 *	23,600 *	18,500 *		
115.0	61.7	29,500 *	28,100 *	26,800 *	23,100 *	120.0	61.6	27,300 *	26,000 *	24,800 *	20,200 *	120.0	62.8	27,100 *	25,700 *	22,400 *	17,600 *		
120.0	60.2	27,600 *	26,300 *	25,100 *	22,200 *	125.0	60.2	25,700 *	24,300 *	23,200 *	19,400 *	125.0	61.5	25,400 *	24,000 *	21,300 *	16,800 *		
125.0	58.8	25,900 *	24,700 *	23,600 *	21,200 *	130.0	58.8	23,900 *	22,800 *	21,800 *	18,500 *	130.0	60.2	23,700 *	22,600 *	20,300 *	16,000 *		
130.0	57.3	24,200 *	23,100 *	22,100 *	20,400 *	135.0	57.4	22,500 *	21,400 *	20,500 *	17,600 *	135.0	58.9	22,300 *	21,200 *	19,200 *	15,100 *		
135.0	55.8	22,700 *	21,700 *	20,800 *	19,400 *	140.0	56.0	21,100 *	20,200 *	19,400 *	16,800 *	140.0	57.5	20,900 *	19,900 *	18,100 *	14,300 *		
140.0	54.3	21,300 *	20,400 *	19,700 *	18,500 *	145.0	54.5	19,900 *	19,000 *	18,300 *	15,900 *	145.0	56.2	19,600 *	18,700 *	17,000 *	13,400 *		
145.0	52.7	20,100 *	19,300 *	18,600 *	17,600 *	150.0	53.0	18,700 *	18,000 *	17,300 *	15,100 *	150.0	54.8	18,400 *	17,600 *	16,100 *	12,600 *		
150.0	51.1	18,900 *	18,200 *	17,600 *	16,800 *	155.0	51.5	17,700 *	17,000 *	16,300 *	14,300 *	155.0	53.3	17,400 *	16,700 *	15,100 *	12,000 *		
155.0	49.5	17,900 *	17,200 *	16,600 *	15,900 *	160.0	50.0	16,700 *	16,000 *	15,400 *	13,400 *	160.0	51.9	16,500 *	15,700 *	14,100 *	11,100 *		
160.0	47.8	16,900 *	16,300 *	15,700 *	14,900 *	165.0	48.4	15,700 *	15,000 *	14,400 *	12,600 *	165.0	50.4	15,500 *	14,800 *	13,200 *	10,200 *		
165.0	46.1	16,000 *	15,400 *	14,800 *	14,000 *	170.0	46.8	14,700 *	14,100 *	13,600 *	11,700 *	170.0	48.9	14,500 *	13,800 *	12,200 *	9,700 *		
170.0	44.4	15,000 *	14,500 *	14,100 *	13,200 *	175.0	45.1	13,800 *	13,300 *	12,800 *	10,900 *	175.0	47.4	13,500 *	12,900 *	11,300 *	8,800 *		
175.0	42.5	14,300 *	13,700 *	13,200 *	12,400 *	180.0	43.4	13,000 *	12,500 *	12,100 *	10,300 *	180.0	45.8	12,700 *	12,100 *	10,500 *	8,200 *		
180.0	40.7	13,300 *	12,900 *	12,500 *	11,600 *	185.0	41.6	12,300 *	11,700 *	11,300 *	9,500 *	185.0	44.1	11,800 *	11,300 *	9,700 *	7,300 *		
185.0	38.7	12,600 *	12,100 *	11,700 *	10,700 *	190.0	39.8	11,400 *	11,000 *	10,700 *	8,600 *	190.0	42.5	11,000 *	10,500 *	8,800 *	6,700 *		
190.0	36.6	11,800 *	11,400 *	11,100 *	9,900 *	195.0	37.8	10,800 *	10,400 *	10,000 *	7,800 *	195.0	40.7	10,300 *	9,900 *	7,900 *	5,900 *		
195.0	34.5	11,100 *	10,800 *	10,600 *		200.0	35.8	10,200 *	9,700 *	9,000 *	7,000 *	200.0	38.9	9,700 *	9,300 *	7,100 *	5,200 *		
						205.0	33.7	9,400 *	9,200 *	8,100 *		205.0	37.0	9,000 *	8,500 *	6,200 *			
												210.0	35.1	8,300 *	7,600 *	5,400 *			
												215.0	33.0	7,700 *	6,600 *	4,600 *			
Reeves		3	3	2	2	Reeves		3	3	2	2	Reeves		3	2	2	2		
260 ft Boom					270 ft Boom					280 ft Boom									
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)					
		0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List		
49.3	80.4	70,200 *				51.0	80.4	64,800 *				52.7	80.3	57,500 *					
50.0	80.3	69,800 *				55.0	79.5	63,200 *				55.0	79.9	56,600 *					
55.0	79.1	65,600 *	53,300 *			60.0	78.5	61,000 *	46,800 *			60.0	78.9	54,800 *	42,300 *				
60.0	78.0	62,000 *	50,900 *			65.0	77.4	59,000 *	44,400 *			65.0	77.8	52,900 *	40,100 *				
65.0	76.9	58,400 *	48,200 *			70.0	76.3	57,300 *	41,900 *	29,400 *		70.0	76.8	51,300 *	37,900 *				
70.0	75.7	55,300 *	45,800 *	32,300 *		75.0	75.2	54,000 *	39,700 *	28,000 *		75.0	75.7	48,700 *	35,900 *	24,000 *			
75.0	74.6	52,100 *	43,600 *	31,000 *		80.0	74.1	49,500 *	37,500 *	26,700 *		80.0	74.7	45,600 *	33,900 *	22,900 *			
80.0	73.5	49,200 *	41,400 *	29,700 *	22,700 *	85.0	73.0	45,300 *	35,500 *	25,500 *	18,200 *	85.0	73.6	42,700 *	32,100 *	21,800 *	14,600 *		
85.0	72.3	45,500 *	39,200 *	28,500 *	21,700 *	90.0	71.9	41,600 *	33,600 *	24,200 *	17,300 *	90.0	72.5	40,100 *	30,400 *	20,600 *	13,700 *		
90.0	71.1	41,900 *	37,200 *	27,100 *	20,800 *	95.0	70.7	38,200 *	31,800 *	23,100 *	16,500 *	95.0	71.5	37,600 *	28,600 *	19,500 *	13,100 *		
95.0	70.0	38,800 *	35,200 *	25,800 *	19,900 *	100.0	69.6	35,400 *	30,000 *	21,800 *	15,600 *	100.0	70.4	34,800 *	26,900 *	18,300 *	12,200 *		
100.0	68.8	35,800 *	33,400 *	24,500 *	19,000 *	105.0	68.5	32,700 *	28,300 *	20,700 *	14,800 *	105.0	69.3	32,200 *	25,300 *	17,200 *	11,400 *		
105.0	67.6	33,200 *	31,100 *	23,400 *	18,200 *	110.0	67.3	30,500 *	26,700 *	19,600 *	13,900 *	110.0	68.2	30,000 *	23,900 *	16,400 *	10,600 *		
110.0	66.4	30,800 *	28,900 *	22,300 *	17,300 *	115.0	66.2	28,300 *	25,200 *	18,500 *	13,200 *	115.0	67.1	27,900 *	22,500 *	15,300 *	9,900 *		
115.0	65.2	28,600 *	26,900 *	21,100 *	16,400 *	120.0	65.0	26,400 *	23,700 *	17,300 *	12,400 *	120.0	65.9	25,900 *	21,000 *	14,400 *	9,200 *		
120.0	64.0	26,700 *	25,100 *	19,900 *	15,600 *	125.0	63.8	24,700 *	22,200 *	16,300 *	11,600 *	125.0	64.8	24,200 *	19,700 *	13,400 *	8,500 *		
125.0	62.7	24,900 *	23,500 *	18,900 *	14,800 *	130.0	62.6	22,900 *	20,800 *	15,200 *	10,700 *	130.0	63.7	22,500 *	18,600 *	12,500 *	7,700 *		
130.0	61.5	23,300 *	21,900 *	17,900 *	13,900 *	135.0	61.4	21,500 *	19,600 *	14,300 *	10,000 *	135.0	62.5	21,100 *	17,200 *	11,600 *	7,000 *		
135.0	60.2	21,700 *	20,700 *	16,900 *	13,000 *	140.0	60.2	20,100 *	18,200 *	13,300 *	9,200 *	140.0	61.4	19,600 *	16,100 *	10,700 *	6,300 *		
140.0	58.9	20,500 *	19,500 *	15,800 *	12,200 *	145.0	59.0	18,900 *	16,900 *	12,400 *	8,500 *	145.0	60.2	18,400 *	14,800 *	9,900 *	5,700 *		
145.0	57.6	19,300 *	18,300 *	14,900 *	11,600 *	150.0	57.7	17,700 *	15,800 *	11,500 *	7,800 *	150.0	59.0	17,200 *	13,700 *	9,000 *	5,100 *		
150.0	56.3	18,100 *	17,100 *	13,900 *	10,70														

LUFFING BOOM/JIB - SPECIFICATIONS

General Description

<i>Luffing boom with luffing jib maximum lift capacity</i>	155,600 lbs (70,580 kg) @ 30' operating radius
<i>Luffing jib maximum lift capacity</i>	107,100 lbs (48,580 kg) @ 30' operating radius
<i>Maximum luffing boom length</i>	180' (54.9 m)
<i>Maximum luffing jib length</i>	170' (51.8 m)
<i>Working weight</i>	Approx 469,210 lbs (212.8 t)
<i>Ground bearing pressure</i>	Approx. 15.6 psi (107.5 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 (21.3 m boom + 21.3 m jib), and hook block.

Luffing Attachments

Luffing boom :

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

<i>Maximum boom length</i>	180' (54.9 m)
<i>Basic boom length</i>	70' (21.3 m)
<i>Boom base section</i>	27' (8.2 m)
<i>Boom insert section</i>	10' (3.0 m), 20' (6.1 m), 40' (12.2 m)
<i>Boom tip section (with pin connected boom point sheave)</i>	13' (4.0 m)

Luffing boom insert (optional) :

Optional luffing boom inserts are available to provide extension capabilities up to the boom length of 180' (54.9 m).

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

Luffing jib (optional) :

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

<i>Maximum luffing jib length</i>	170' (51.8 m)
<i>Basic luffing jib length</i>	70' (21.3 m)
<i>Jib base section</i>	19' (5.8 m)
<i>Luffing jib insert</i>	10' (3.0 m), 20' (6.1 m), 40' (12.2 m)
<i>Jib tip section</i>	21' (6.4 m)
<i>No. of point sheaves</i>	2

Working Speed

<i>Hoist line speed (front and rear drums)</i>	361 to 10 ft/min (110 to 3 m/min)
<i>Lowering line speed (front and rear drums)</i>	361 to 10 ft/min (110 to 3 m/min)
<i>Boom hoist line speed</i>	86 to 6.6 ft/min (26 to 2 m/min × 2)
<i>Boom lowering line speed</i>	86 to 6.6 ft/min (26 to 2 m/min × 2)
<i>Swing speed (max.)</i>	2.2 rpm (2.2 min ⁻¹)
<i>Travel speed (high/low)</i>	0.62/0.37 mph (1.0/0.6 km/h)

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

Auxiliary sheave :

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

Diameter of wire rope :

<i>Hoist rope</i>	26 mm
<i>Luffing jib rope (8 parts)</i>	22 mm
<i>Boom hoist rope (16 parts)</i>	22 mm
<i>Boom suspension rope</i>	34 mm
<i>Luffing jib suspension rope</i>	34 mm
<i>Strut suspension rope</i>	34 mm

Luffing boom hoist reeving :

Sixteen (16) parts of 22 mm dia. high strength wire rope.

Luffing jib hoist reeving :

Eight (8) parts of 22 mm dia. high strength wire rope.

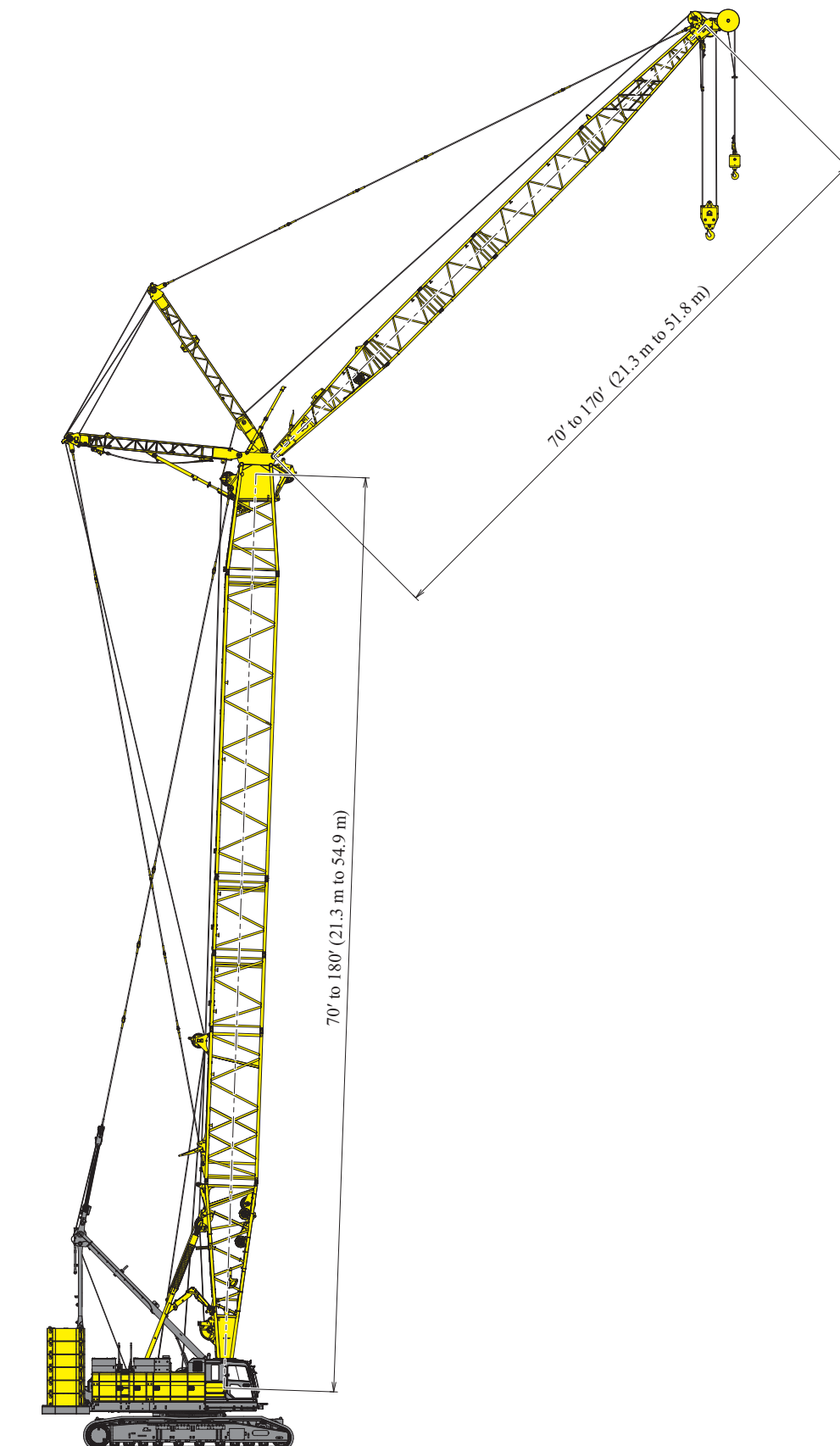
Luffing jib hoist drum :

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

LUFFING BOOM/JIB - GENERAL DIMENSIONS

Luffing Jib

Unit : ft (m)

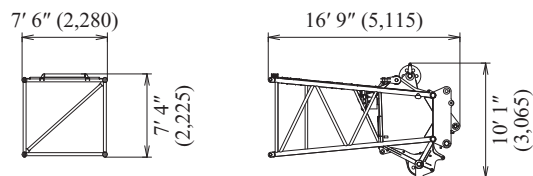


LUFFING BOOM/JIB - DIMENSIONS & WEIGHT

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

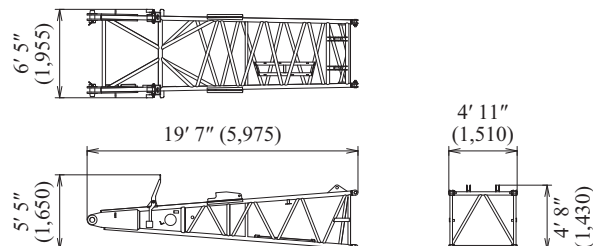
Luffing Boom Tip

Weight : 6,385 lbs (2,900 kg)



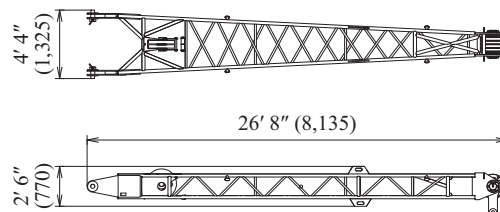
Jib Base (Luffing Jib)

Weight : 2,745 lbs (1,245 kg)



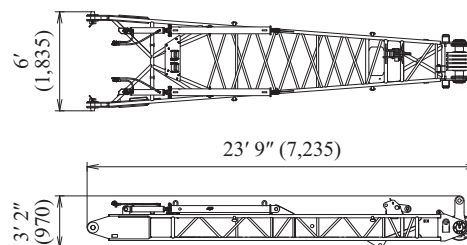
Front Strut (for luffing)

Weight : 2,475 lbs (1,125 kg)



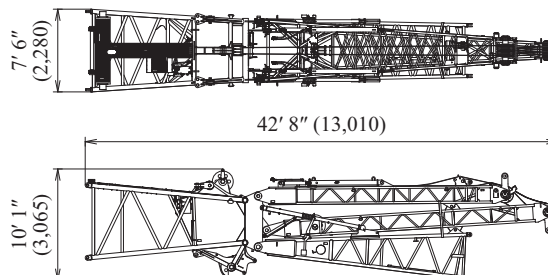
Rear Strut (for luffing) With Strut Backstop

Weight : 3,170 lbs (1,440 kg)



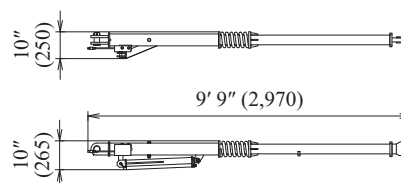
Luffing Boom Tip Assembly

Weight : 15,350 lbs (6,965 kg)



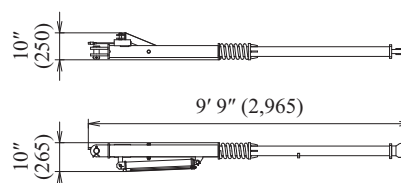
Jib Backstop (right) (for luffing)

Weight : 235 lbs (105 kg)



Jib Backstop (left) (for luffing)

Weight : 235 lbs (105 kg)

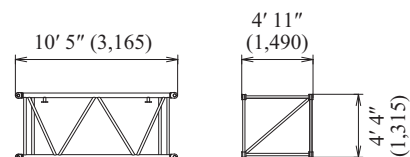


LUFFING BOOM/JIB - DIMENSIONS & WEIGHT

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

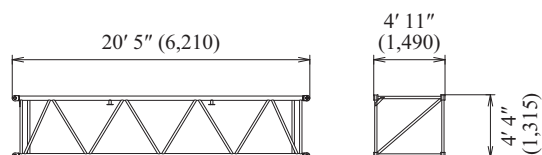
10 ft (3.0 m) Jib Insert (Luffing Jib)

Weight : 675 lbs (305 kg)



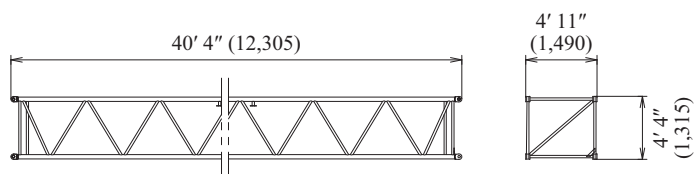
20 ft (6.1 m) Jib Insert (Luffing Jib)

Weight : 1,150 lbs (525 kg)



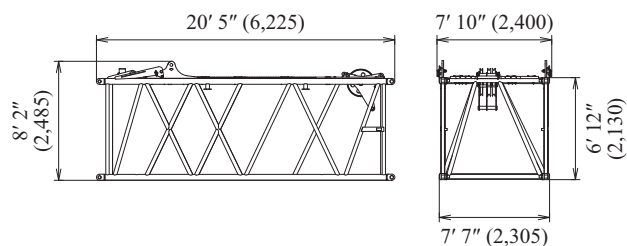
40 ft (12.2 m) Jib Insert (Luffing Jib)

Weight : 2,115 lbs (960 kg)



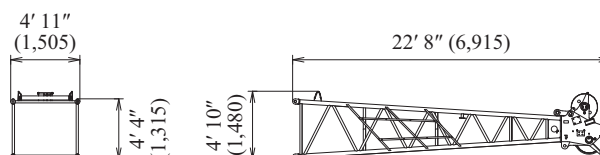
20 ft (6.1 m) Special Boom Insert

Weight : 4,320 lbs (1,960 kg)



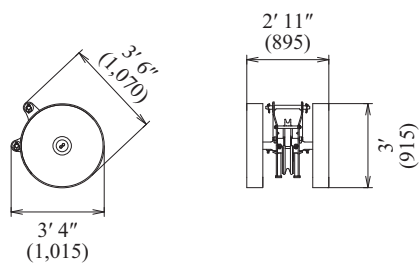
Luffing Jib Tip

Weight : 2,630 lbs (1,195 kg)



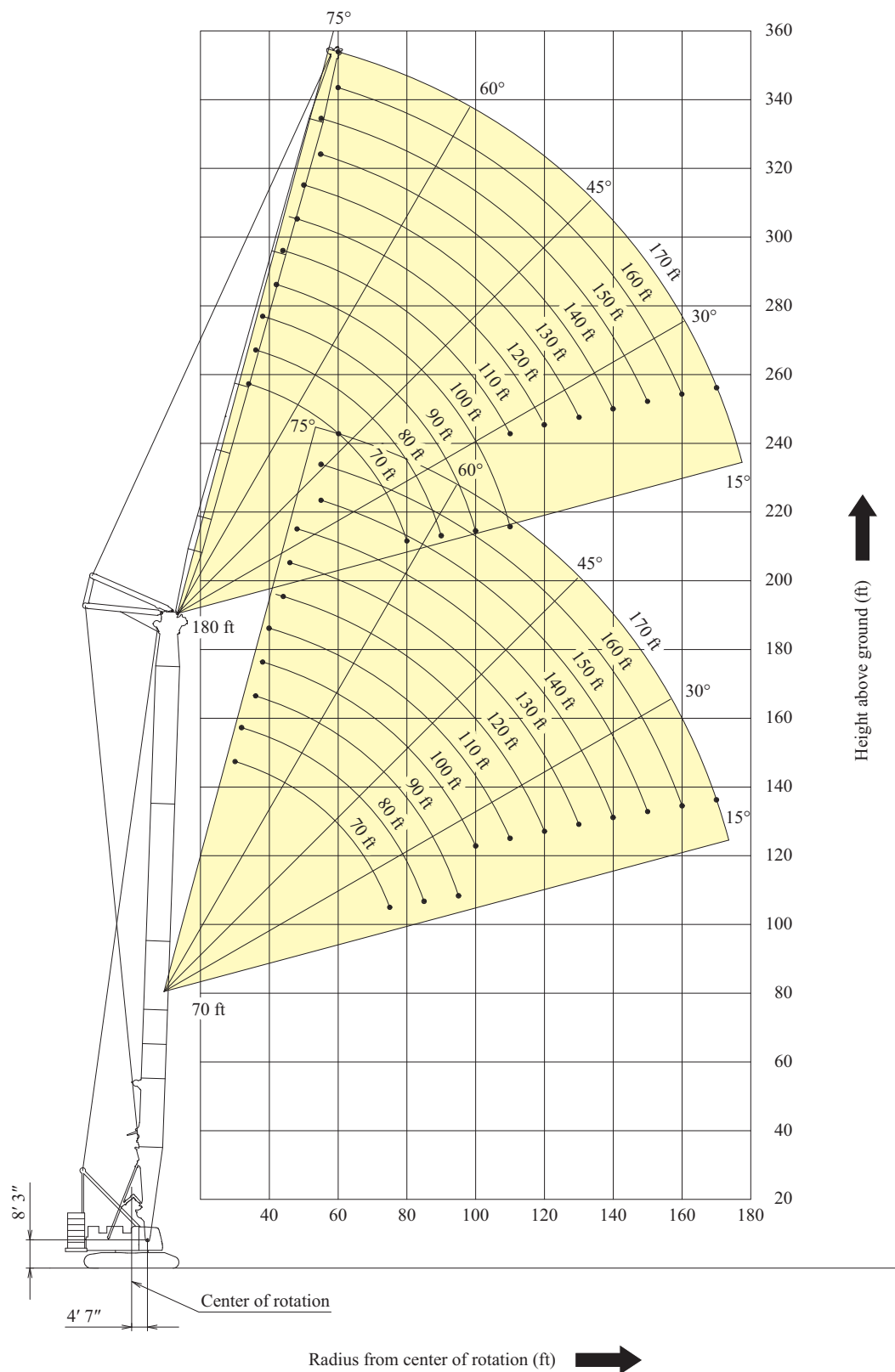
Luffing Jib Auxiliary Sheave

Weight : 905 lbs (410 kg)



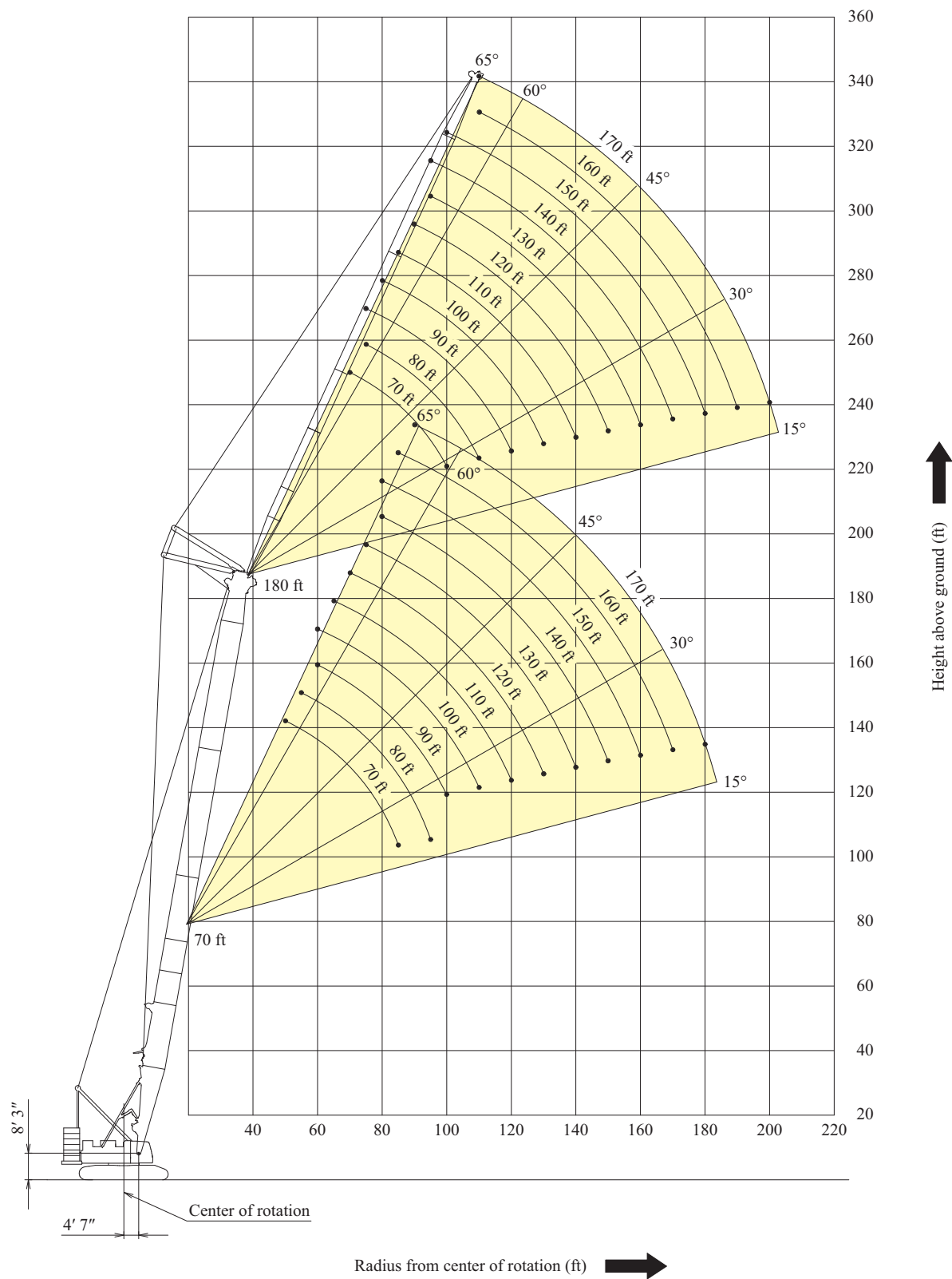
LUFFING BOOM/JIB - WORKING RANGES

Luffing Jib 88 deg.



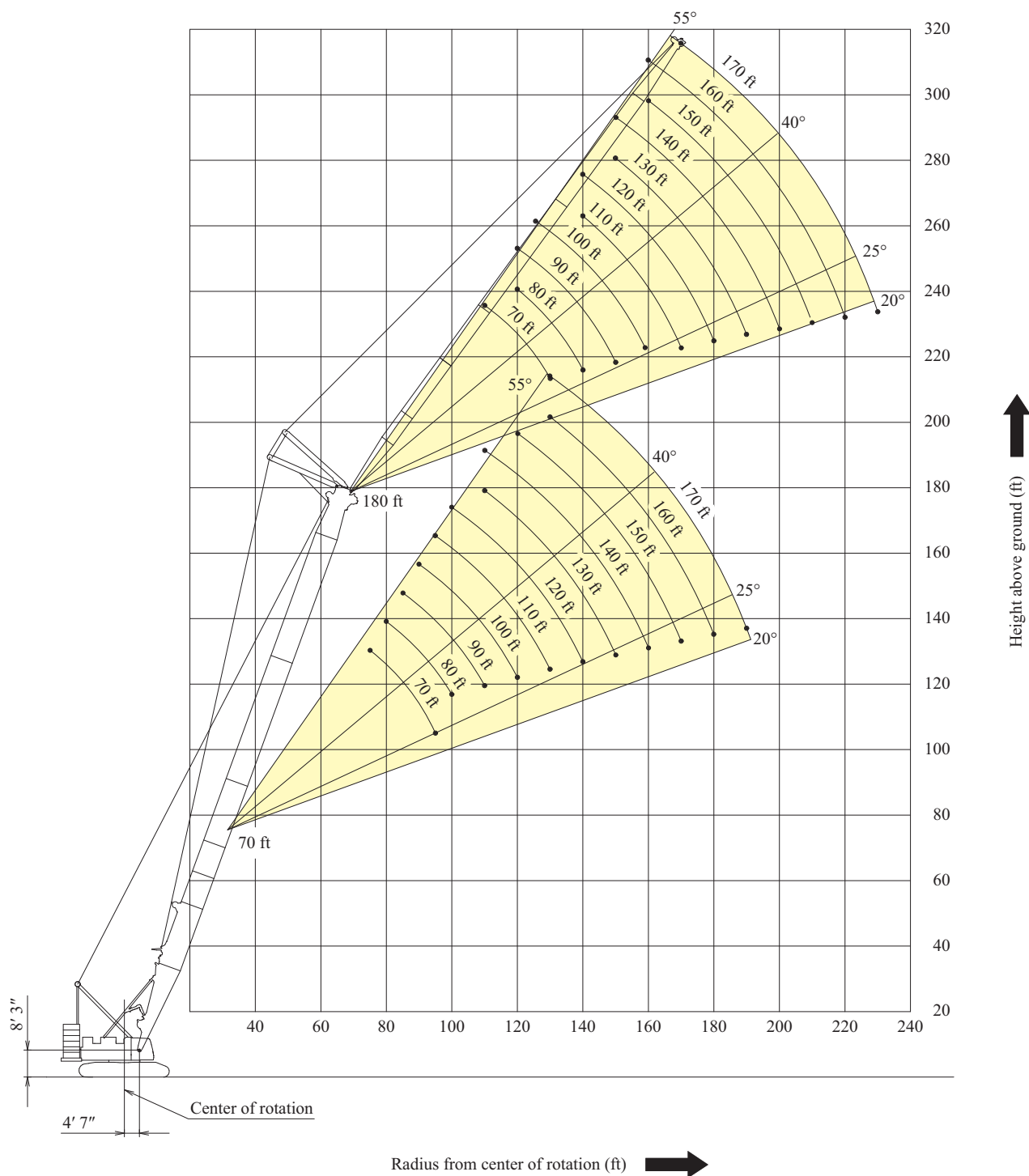
LUFFING BOOM/JIB - WORKING RANGES

Luffing Jib 80 deg.



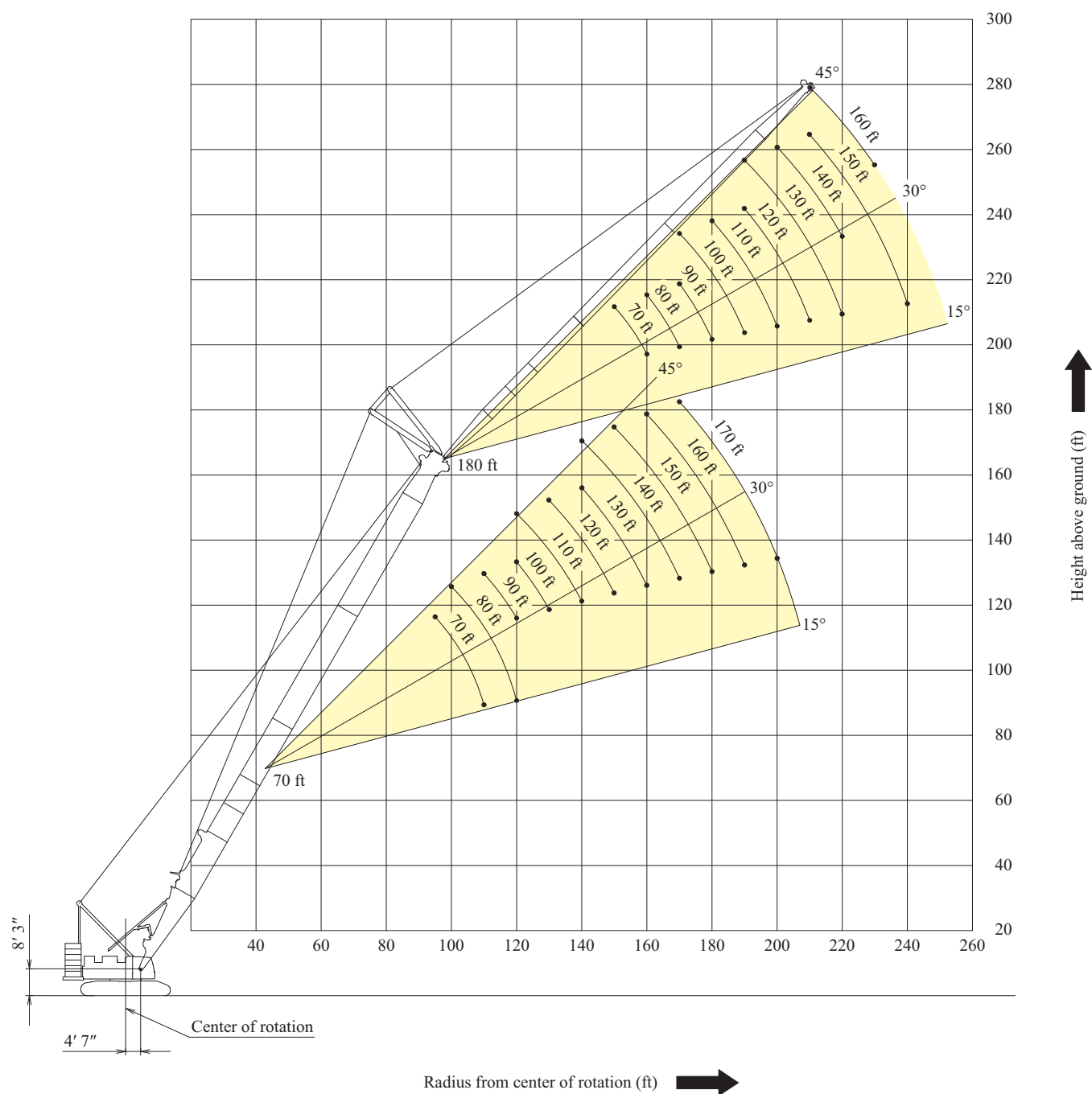
LUFFING BOOM/JIB - WORKING RANGES

Luffing Jib 70 deg.



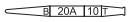
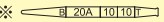
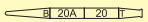
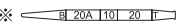
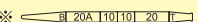
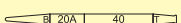
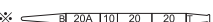
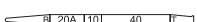
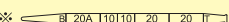
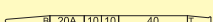
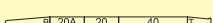
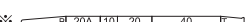
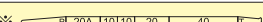
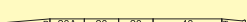
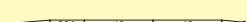
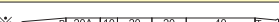
LUFFING BOOM/JIB - WORKING RANGES

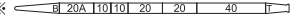
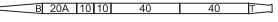
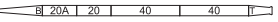
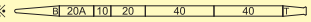
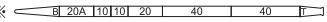
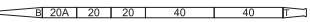
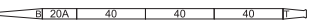
Luffing Jib 60 deg.

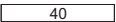


LUFFING BOOM/JIB - BOOM AND JIB ARRANGEMENTS

Luffing Boom Arrangement

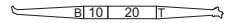
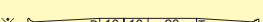
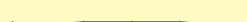
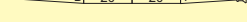
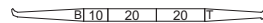
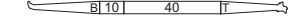
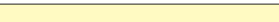
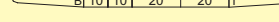
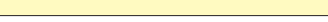
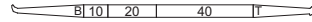
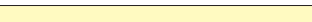
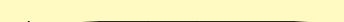
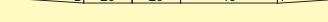
Boom length : ft (m)	Boom arrangement
70 (21.3)	
80 (24.4)	※  
90 (27.4)	※ 
100 (30.5)	※  
110 (33.5)	※  
120 (36.6)	※   
130 (39.6)	※ 
140 (42.7)	※   
150 (45.7)	※  

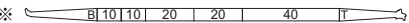
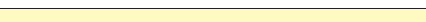
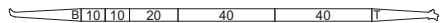
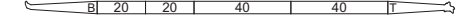
Boom length : ft (m)	Boom arrangement
160 (48.8)	※   
170 (51.8)	※ 
180 (54.9)	※   

Symbol	Boom Length	Remarks
	27 ft (8.2 m)	Boom Base
	13 ft (4.0 m)	Luffing Boom Tip
	10 ft (3.0 m)	Boom Insert
	20 ft (6.1 m)	Boom Insert
	40 ft (12.2 m)	Boom Insert
	20 ft (6.1 m)	Special Boom Insert

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

Luffing Jib Arrangement

Jib length : ft (m)	Jib arrangement
70 (21.3)	
80 (24.4)	※   
90 (27.4)	※  
100 (30.5)	※   
110 (33.5)	※ 
120 (36.6)	※   
130 (39.6)	※  

Jib length : ft (m)	Jib arrangement
140 (42.7)	※   
150 (45.7)	※ 
160 (48.8)	※  
170 (51.8)	※ 

Symbol	Boom Length	Remarks
	19 ft (5.8 m)	Jib Base
	21 ft (6.4 m)	Jib Tip
	10 ft (3.0 m)	Jib Insert
	20 ft (6.1 m)	Jib Insert
	40 ft (12.2 m)	Jib Insert

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

LUFFING BOOM/JIB - SUPPLEMENTAL DATA

- Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or derate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, multiple machine lifts, and traveling with a load).
- Rated loads do not exceed 75% of minimum tipping loads. Rated loads based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
- The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.
 - 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.
- Do not attempt to lift where no ratings are shown as crane may tip or collapse.
- Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
- Weight of hooks, hook blocks, slings and other lifting devices are a part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.
- The total load that can be lifted over a jib is limited by rated jib loads.
- The total load that can be lifted over an auxiliary sheave should not exceed 29,500lbs.

9. Luffing boom and jib combinations.

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

○ : Combinations which is allowed.

× : Combinations which is not allowed.

- The boom should be erected over the front of the crawlers, not laterally.
When erecting and lowering the boom length of 170 ft (51.8m) or over, the blocks for erection must be placed at the end of the crawlers.
- Least stable position is over the side.
- The minimum rated load is 4,000lbs (1.8t).
- Maximum number of reeving parts of line for hoist rope
 - Luffing Jib

Boom Length (ft)	Jib Length (ft)										
	70	80	90	100	110	120	130	140	150	160	170
70	4	4	4	4	4	4	3	3	2	2	2
80	4	4	4	4	4	4	3	3	2	2	2
90	4	4	4	4	4	4	3	3	2	2	2
100	4	4	4	4	4	4	3	3	2	2	2
110	4	4	4	4	4	4	3	3	2	2	2
120	4	4	4	4	4	3	3	3	2	2	2
130	4	4	4	4	3	3	3	3	2	2	2
140	4	4	4	3	3	3	2	2	2	2	2
150	4	4	3	3	3	3	2	2	2	2	2
160	4	3	3	3	3	3	2	2	2	2	2
170	3	3	3	3	3	2	2	2	2	2	2
180	3	3	3	3	2	2	2	2	2	2	2



LUFFING BOOM/JIB - SUPPLEMENTAL DATA

- (2) Main boom with luffing jib attached

Boom Length (ft)	Jib Length (ft)										
	70	80	90	100	110	120	130	140	150	160	170
70	6	6	6	6	6	6	6	6	5	5	
80	6	6	6	6	6	6	6	6	6	5	
90	6	6	6	6	6	6	6	6	6	5	
100	6	6	6	6	6	6	6	6	6	6	
110	6	6	6	6	6	6	6	6	6	6	
120	6	6	6	6	6	6	6	6	6	6	
130	6	6	6	6	6	6	6	5	5	5	
140	6	6	5	5	5	5	5	5	5	5	
150	5	5	5	5	5	5	5	5	4	4	
160	5	5	5	5	4	4	4	4	4	4	
170	5	4	4	4	4	4	4	4	4	4	
180	3	3	3	3	3	3	3	3	3	3	

14. 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	6
Maximum Loads (lbs)	29,500	59,000	88,500	118,000	147,500	177,000
Maximum Loads (t)	13.4	26.8	40.1	53.5	66.9	80.3

Jib Hoist Loads

No. of Parts of Line	1	2	3	4
Maximum Loads (lbs)	29,500	59,000	88,500	118,000
Maximum Loads (t)	13.4	26.8	40.1	53.5

Auxiliary Hoist Loads for Luffing Jib

No. of Parts of Line	1
Maximum Loads (lbs)	29,500
Maximum Loads (t)	13.4

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

Hook Block	200USt	110USt	77USt	39USt	BALL HOOK
Weight (lbs)	6,180	3,970	2,650	1,990	1,000

WARNING

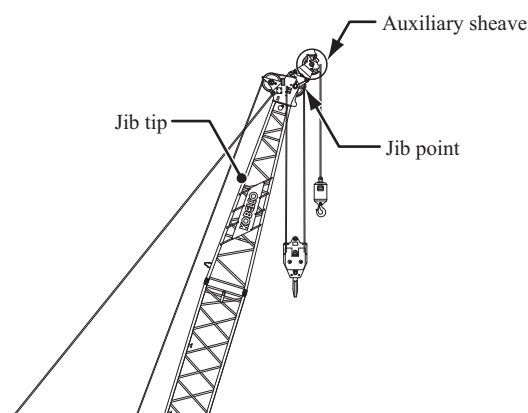
If the weight of hook block to be used is lighter than the recommended weight, the jib may turnover backward or it is difficult to lower the empty hook block.

16. Refer to the table below for the possible hook combinations for the jib point and the auxiliary sheave. These hook combinations apply to all boom length. Do not use a combination indicated in "X" in the table.

Hook Installed to	Jib Length					
	70 ft			80 ft and over		
Jib Point	NONE	39USt	39USt	NONE	39USt	39USt
Auxiliary Sheave	BALL	NONE	BALL	BALL	NONE	BALL
× / ○	×	○	○	○	○	○

○ : Combinations which is allowed.

× : Combinations which is not allowed.



CAUTION

Do not use lighter hooks than specified in the above table. The jib may not be lowered.

17. The total load that can be lifted over luffing jib with main hook block is the value for 4,000lbs 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 B30.5-2018.

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

LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

70 ft Boom												
Load Radius (ft)	Boom Angle (deg.)	Jib Length (ft)										
		70 (21.34m)	80 (24.38m)	90 (27.43m)	100 (30.48m)	110 (33.53m)	120 (36.58m)	130 (39.62m)	140 (42.67m)	150 (45.72m)	160 (48.77m)	170 (51.82m)
22.0	79.0	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	150700 *	145900 *	139900 *
24.0	77.3	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	150700 *	145900 *	139900 *
26.0	75.6	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	150700 *	145900 *	139900 *
28.0	73.9	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	150700 *	145900 *	139900 *
30.0	72.1	155600 *	155600 *	155600 *	155600 *	153400 *	150100 *	146100 *	143500 *	139100 *	135300 *	130500 *
32.0	70.4	152300 *	149900 *	146800 *	144800 *	141300 *	138200 *	134400 *	131800 *	127600 *	123800 *	119400 *
34.0	68.6	141500 *	139300 *	136200 *	134200 *	130900 *	127800 *	124300 *	121600 *	117700 *	113900 *	109500 *
36.0	66.8	132000 *	129600 *	126700 *	124700 *	121400 *	118600 *	115000 *	112600 *	108600 *	105100 *	100900 *
38.0	64.9	123400 *	121200 *	118300 *	116400 *	113300 *	110400 *	106900 *	104400 *	100700 *	97200 *	93000 *
40.0	63.0	114800 *	112800 *	110000 *	108200 *	104900 *	102200 *	98700 *	96300 *	92500 *	89200 *	85300 *
45.0	58.2	94500 *	92500 *	89900 *	88100 *	85000 *	82400 *	79100 *	76900 *	73400 *	70300 *	66300 *
50.0	53.0	79100 *	77100 *	74500 *	72900 *	70100 *	67400 *	64300 *	62300 *	58800 *	55700 *	52200 *
55.0	47.4	67400 *	65400 *	63000 *	61500 *	58600 *	56200 *	53300 *	51300 *	48000 *	45100 *	41600 *
60.0	41.2	58200 *	56200 *	53700 *	52200 *	49600 *	47300 *	44500 *	42500 *	39400 *	36500 *	33200 *
Reeves		6	6	6	6	6	6	6	6	6	5	5
80 ft Boom												
Load Radius (ft)	Boom Angle (deg.)	Jib Length (ft)										
		70 (21.34m)	80 (24.38m)	90 (27.43m)	100 (30.48m)	110 (33.53m)	120 (36.58m)	130 (39.62m)	140 (42.67m)	150 (45.72m)	160 (48.77m)	170 (51.82m)
22.0	80.4	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	154100 *	149400 *	144100 *
24.0	78.9	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	154100 *	149400 *	144100 *
26.0	77.4	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	154100 *	149400 *	144100 *
28.0	76.0	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	153200 *	149200 *	144100 *
30.0	74.5	155600 *	155600 *	155600 *	155600 *	153800 *	150700 *	147000 *	144400 *	140200 *	136400 *	132000 *
32.0	72.9	152300 *	150100 *	147000 *	145000 *	141700 *	138800 *	135100 *	132700 *	128700 *	125200 *	120800 *
34.0	71.4	141700 *	139300 *	136400 *	134700 *	131300 *	128500 *	125000 *	122500 *	118600 *	115300 *	111100 *
36.0	69.9	132000 *	129800 *	126900 *	125200 *	122100 *	119200 *	115700 *	113500 *	109700 *	106200 *	102200 *
38.0	68.3	123400 *	121400 *	118600 *	116800 *	113700 *	111100 *	107800 *	105300 *	101600 *	98500 *	94300 *
40.0	66.7	114600 *	112400 *	109700 *	108000 *	104900 *	102500 *	98900 *	96700 *	93200 *	90100 *	86200 *
45.0	62.7	94300 *	92300 *	89700 *	87900 *	85000 *	82600 *	79500 *	77300 *	74000 *	70900 *	67200 *
50.0	58.4	78700 *	76900 *	74200 *	72700 *	70100 *	67600 *	64500 *	62600 *	59300 *	56400 *	52900 *
55.0	54.0	67000 *	65200 *	62800 *	61200 *	58600 *	56400 *	53300 *	51500 *	48500 *	45600 *	42300 *
60.0	49.2	57500 *	55700 *	53300 *	52000 *	49300 *	47100 *	44300 *	42500 *	39400 *	36800 *	33500 *
65.0	44.0	49800 *	48000 *	45800 *	44500 *	42100 *	39900 *	37200 *	35400 *	32400 *	29900 *	26600 *
Reeves		6	6	6	6	6	6	6	6	6	6	5
90 ft Boom												
Load Radius (ft)	Boom Angle (deg.)	Jib Length (ft)										
		70 (21.34m)	80 (24.38m)	90 (27.43m)	100 (30.48m)	110 (33.53m)	120 (36.58m)	130 (39.62m)	140 (42.67m)	150 (45.72m)	160 (48.77m)	170 (51.82m)
22.0	81.5	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	154900 *	150500 *	145200 *
24.0	80.2	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	154900 *	150500 *	145200 *
26.0	78.9	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	154900 *	150500 *	145200 *
28.0	77.6	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	154500 *	150500 *	145200 *
30.0	76.2	155600 *	155600 *	155600 *	155600 *	154700 *	151800 *	148100 *	145500 *	141500 *	138000 *	133500 *
32.0	74.9	152700 *	150500 *	147400 *	145700 *	142400 *	139700 *	136000 *	133500 *	129800 *	126300 *	122100 *
34.0	73.6	141900 *	139700 *	137100 *	135100 *	132000 *	129400 *	125800 *	123400 *	119700 *	116400 *	112400 *
36.0	72.2	132400 *	130200 *	127600 *	125800 *	122700 *	120100 *	116800 *	114400 *	110800 *	107500 *	103600 *
38.0	70.9	123800 *	121900 *	119200 *	117500 *	114400 *	111900 *	108600 *	106400 *	102900 *	99600 *	95900 *
40.0	69.5	115000 *	112800 *	110200 *	108600 *	105800 *	103100 *	100000 *	97800 *	94300 *	91200 *	87500 *
45.0	66.0	94500 *	92500 *	90100 *	88600 *	85700 *	83300 *	80200 *	78200 *	74900 *	72000 *	68500 *
50.0	62.4	79100 *	77300 *	74900 *	73400 *	70700 *	68300 *	65400 *	63400 *	60400 *	57700 *	54200 *
55.0	58.6	67400 *	65600 *	63200 *	61900 *	59300 *	57000 *	54200 *	52400 *	49300 *	46700 *	43400 *
60.0	54.7	57700 *	56200 *	53700 *	52400 *	50000 *	47800 *	45100 *	43400 *	40300 *	37900 *	34800 *
65.0	50.5	50000 *	48500 *	46200 *	44900 *	42500 *	40300 *	37600 *	36100 *	33200 *	30800 *	27700 *
70.0	46.1	43600 *	41800 *	39600 *	38500 *	36100 *	34100 *	31500 *	29900 *	27300 *	24900 *	21800 *
75.0	41.2	38100 *	36500 *	34300 *	33200 *	31000 *	29100 *	26600 *	25100 *	22200 *	20000 *	17100 *
Reeves		6	6	6	6	6	6	6	6	6	6	5

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

100 ft Boom												
Load Radius (ft)	Boom Angle (deg.)	Jib Length (ft)										
		70 (21.34m)	80 (24.38m)	90 (27.43m)	100 (30.48m)	110 (33.53m)	120 (36.58m)	130 (39.62m)	140 (42.67m)	150 (45.72m)	160ft (48.77m)	170 (51.82m)
24.0	81.2	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	153600 *	148800 *
26.0	80.0	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	153600 *	148800 *
28.0	78.8	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155200 *	151400 *	147000 *
30.0	77.7	155600 *	155600 *	155600 *	155600 *	154900 *	152100 *	148500 *	145900 *	142100 *	138600 *	134400 *
32.0	76.5	153000 *	150700 *	147900 *	146100 *	143000 *	140200 *	136600 *	134400 *	130700 *	127200 *	123200 *
34.0	75.3	142100 *	140200 *	137300 *	135500 *	132400 *	129800 *	126500 *	124300 *	120500 *	117500 *	113500 *
36.0	74.1	132700 *	130500 *	127800 *	126300 *	123200 *	120500 *	117500 *	115000 *	111700 *	108400 *	104700 *
38.0	72.9	124100	122100	119400	117900	115000	112400	109300	107100	103600	100700	97000
40.0	71.6	114800	112800	110200	108600	105800	103300	100300	98100	94700	91900	88100
45.0	68.5	94300	92300	89900	88400	85700	83300	80400	78400	75300	72500	69000
50.0	65.4	78900	77100	74700	73400	70700	68500	65600	63900	60800	58200	54800
55.0	62.1	67200	65400	63200	61900	59300	57300	54400	52600	49800	47100	44000
60.0	58.7	57500	55900	53700	52400	50000	48000	45400	43600	40700	38300	35200
65.0	55.2	49600	48000	45800	44500	42100	40100	37600	35900	33200	30800	27900
70.0	51.6	43200	41600	39600	38300	36100	34100	31700	29900	27300	25100	22200
75.0	47.7	37900	36300	34100	33000	30800	29100	26400	25100	22400	20200	17400
80.0	43.5	33000	31500	29500	28400	26200	24400	22000	20700	18000	15800	13200
Reeves		6	6	6	6	6	6	6	6	6	6	6
110 ft Boom												
Load Radius (ft)	Boom Angle (deg.)	Jib Length (ft)										
		70 (21.34m)	80 (24.38m)	90 (27.43m)	100 (30.48m)	110 (33.53m)	120 (36.58m)	130 (39.62m)	140 (42.67m)	150 (45.72m)	160 (48.77m)	170 (51.82m)
26.0	80.9	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	151600 *
28.0	79.9	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	153000 *	148500 *
30.0	78.8	155600 *	155600 *	155600 *	155600 *	155600 *	153400 *	149900 *	147200 *	143500 *	140200 *	136000 *
32.0	77.7	153200 *	151000 *	148300 *	146300 *	143500 *	140600 *	137300 *	134900 *	131300 *	128000 *	124100 *
34.0	76.6	142400 *	140400 *	137700 *	136000 *	132900 *	130500 *	127200 *	125000 *	121400 *	118100 *	114400 *
36.0	75.6	132900 *	130900 *	128300 *	126500 *	123600 *	121200 *	117900 *	115700 *	112400 *	109300 *	105600 *
38.0	74.5	124300	122300	119900	118100	115500	112800	109700	107800	104400	101400	97800
40.0	73.4	115000	113000	110600	109100	106200	103800	100700	98700	95400	92500	89000
45.0	70.6	94500	92500	90300	88800	86200	83900	81100	79100	76000	73100	69800
50.0	67.8	79100	77300	75100	73800	71200	69000	66300	64500	61500	58800	55700
55.0	64.9	67400	65600	63400	62100	59700	57700	55100	53300	50400	48000	44900
60.0	61.9	57700	56200	54000	52600	50400	48500	45800	44300	41400	39000	36100
65.0	58.9	49800	48200	46000	44900	42500	40500	38100	36500	33900	31500	28600
70.0	55.7	43400	41800	39900	38800	36300	34600	32100	30600	27900	25700	22900
75.0	52.4	37900	36300	34300	33200	31000	29300	26800	25300	22900	20700	17800
80.0	48.9	33200	31700	29900	28800	26600	24900	22400	21100	18700	16500	13800
85.0	45.2	29100	27700	25700	24600	22700	20900	18700	17100	14900	12700	10100
90.0	41.3	25500	24200	22200	21100	19100	17400	15200	13800	11400	9400	
Reeves		6	6	6	6	6	6	6	6	6	6	6
120 ft Boom												
Load Radius (ft)	Boom Angle (deg.)	Jib Length (ft)										
		70 (21.34m)	80 (24.38m)	90 (27.43m)	100 (30.48m)	110 (33.53m)	120 (36.58m)	130 (39.62m)	140 (42.67m)	150 (45.72m)	160 (48.77m)	170 (51.82m)
28.0	80.7	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	155600 *	153200 *	149000 *
30.0	79.7	155600 *	155600 *	155600 *	155600 *	155600 *	153200 *	149900 *	147400 *	143700 *	140400 *	136200 *
32.0	78.8	153200 *	151200 *	148500 *	146800 *	143700 *	141000 *	137700 *	135500 *	131800 *	128700 *	124700 *
34.0	77.8	142600 *	140600 *	138000 *	136200 *	133300 *	130700 *	127600 *	125400 *	121900 *	118800 *	115000 *
36.0	76.8	132900 *	130900 *	128500 *	126700 *	124100 *	121400 *	118300 *	116400 *	112800 *	110000 *	106200 *
38.0	75.8	124500	122500	120100	118600	115700	113300	110200	108200	104900	102000	98500
40.0	74.8	115000	113000	110600	109100	106400	104000	101100	99200	95900	93000	89700
45.0	72.3	94300	92500	90300	88800	86400	83900	81300	79300	76500	73600	70500
50.0	69.7	79100	77300	75100	73800	71400	69200	66500	64800	61900	59300	56200
55.0	67.1	67200	65400	63200	62100	59700	57700	55100	53300	50700	48200	45100
60.0	64.5	57500	55900	53700	52600	50200	48200	45800	44300	41600	39200	36300
65.0	61.8	49800	48200	46000	44900	42700	40700	38300	36800	34100	31900	29100
70.0	59.0	42900	41400	39400	38300	36100	34300	31900	30400	27900	25700	22900
75.0	56.1	37200	35900	33900	32800	30600	28800	26400	25100	22700	20500	17800
80.0	53.1	32600	31000	29300	28200	26000	24200	22000	20700	18200	16000	13600
85.0	49.9	28600	27300	25300	24200	22200	20500	18200	16900	14700	12500	10100
90.0	46.6	24900	23500	21800	20700	18700	16900	14900	13600	11200	9200	
95.0	43.1	22000	20700	18700	17800	15800	14300	12100	10800	8500		
Reeves		6	6	6	6	6	6	6	6	6	6	6

Refer to notes on 70 to 71.



LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

130 ft Boom												
Load Radius (ft)	Boom Angle (deg.)	Jib Length (ft)										
		70 (21.34m)	80 (24.38m)	90 (27.43m)	100 (30.48m)	110 (33.53m)	120 (36.58m)	130 (39.62m)	140 (42.67m)	150 (45.72m)	160 (48.77m)	170 (51.82m)
30.0	80.5	155600 *	155600 *	155600 *	155600 *	155600 *	153600 *	150300 *	147900 *	144100 *	140800 *	136900 *
32.0	79.6	153400 *	151400 *	148800 *	147000 *	144100 *	141500 *	138200 *	136000 *	132400 *	129400 *	125400 *
34.0	78.7	142800 *	140800 *	138200 *	136400 *	133500 *	131100 *	128000 *	125800 *	122500 *	119400 *	115700 *
36.0	77.8	133100 *	131100 *	128700 *	127200 *	124300 *	121900 *	118800 *	116800 *	113500 *	110400 *	106900 *
38.0	76.9	124700	122700	120300	118800	116100	113700	110600	108600	105600	102700	99200
40.0	76.0	115000	113000	110600	109100	106400	104200	101400	99400	96300	93400	90100
45.0	73.7	94300	92500	90300	89000	86400	84200	81500	79800	76700	74000	70900
50.0	71.4	79100	77300	75100	73800	71400	69400	66700	65000	62100	59700	56600
55.0	69.0	67200	65400	63400	62100	59700	57700	55300	53700	50900	48700	45600
60.0	66.6	57500	55900	54000	52600	50400	48500	46000	44500	41800	39600	36800
65.0	64.1	49600	48000	46000	44700	42500	40700	38300	36800	34300	32100	29300
70.0	61.6	42700	41200	39200	38100	35900	34100	31900	30400	27900	25700	23100
75.0	59.0	37200	35900	33900	32800	30800	29100	26600	25300	22900	20900	18200
80.0	56.4	32600	31000	29300	28200	26200	24400	22200	20900	18500	16500	13800
85.0	53.6	28400	27100	25100	24200	22000	20500	18200	16900	14700	12700	10300
90.0	50.8	24900	23500	21800	20700	18700	17100	14900	13800	11400	9700	
95.0	47.8	22000	20700	18700	17800	15800	14300	12100	11000	8800		
100.0	44.6	18900	17600	15800	14900	13000	11400	9400	8100			
105.0	41.3	16500	15200	13400	12500	10800	9200					
Reeves		6	6	6	6	6	6	6	6	5	5	5
140 ft Boom												
Load Radius (ft)	Boom Angle (deg.)	Jib Length (ft)										
		70 (21.34m)	80 (24.38m)	90 (27.43m)	100 (30.48m)	110 (33.53m)	120 (36.58m)	130 (39.62m)	140 (42.67m)	150 (45.72m)	160 (48.77m)	170 (51.82m)
32.0	80.4	147700 *	147700 *	147200 *	145500 *	142600 *	139900 *	136600 *	134400 *	131100 *	128000 *	124300 *
34.0	79.6	140400 *	138400 *	136000 *	134200 *	131600 *	128900 *	125800 *	123800 *	120500 *	117500 *	113700 *
36.0	78.7	130700	128700	126300	124700	121900	119400	116600	114400	111300	108400	104900
38.0	77.9	121900	120100	117700	116100	113500	111100	108200	106200	103100	100300	96700
40.0	77.0	114100	112200	110000	108400	105800	103600	100700	98700	95600	93000	89700
45.0	74.9	93900	92100	89700	88400	85900	83700	81100	79300	76500	73800	70700
50.0	72.8	78200	76700	74500	73100	70700	68700	66100	64500	61700	59300	56200
55.0	70.6	66300	64800	62600	61500	59000	57000	54600	53100	50400	48000	45100
60.0	68.4	56400	54800	52900	51800	49600	47600	45100	43600	41200	39000	36100
65.0	66.1	48900	47300	45400	44300	42100	40300	37900	36500	33900	31900	29100
70.0	63.8	42100	40700	38800	37600	35400	33700	31500	29900	27500	25500	22900
75.0	61.5	36500	35200	33200	32400	30200	28600	26200	24900	22700	20500	18000
80.0	59.1	31900	30600	28600	27500	25500	24000	21800	20500	18000	16000	13600
85.0	56.6	27700	26400	24600	23500	21600	20000	17800	16500	14300	12300	9900
90.0	54.1	24200	22900	21100	20200	18200	16700	14500	13200	11000	9200	
95.0	51.5	20900	19600	17800	16700	14900	13400	11200	10100			
100.0	48.7	18200	16900	15200	14300	12300	10800	8800				
105.0	45.9	15800	14500	13000	12100	10100	8500					
110.0	42.9	13600	12500	10800	9900	8100						
Reeves		6	6	5	5	5	5	5	5	5	5	5
150 ft Boom												
Load Radius (ft)	Boom Angle (deg.)	Jib Length (ft)										
		70 (21.34m)	80 (24.38m)	90 (27.43m)	100 (30.48m)	110 (33.53m)	120 (36.58m)	130 (39.62m)	140 (42.67m)	150 (45.72m)	160 (48.77m)	170 (51.82m)
32.0	81.0	139700 *	137700 *	135100 *	133500 *	130700 *	128000 *	125000 *	122700 *	119200 *	116100 *	112600 *
34.0	80.3	138000 *	136000 *	133300 *	131800 *	128900 *	126500 *	123600 *	121400 *	118100 *	115300 *	111500 *
36.0	79.5	128000	126300	123800	122100	119400	117000	114100	112200	108900	106000	102700
38.0	78.7	119900	117900	115500	114100	111500	109100	106200	104200	101100	98500	95000
40.0	77.9	111900	110200	107800	106400	103800	101600	98700	97000	93900	91200	87900
45.0	76.0	93900	92100	89900	88600	86200	83900	81300	79500	76700	74200	71200
50.0	74.0	78400	76700	74700	73400	70900	69000	66300	64800	62100	59700	56600
55.0	71.9	66300	64800	62800	61500	59300	57300	54800	53300	50700	48500	45600
60.0	69.9	56600	55100	53100	51800	49800	47800	45400	44000	41400	39200	36500
65.0	67.8	48900	47600	45600	44500	42300	40500	38100	36800	34300	32100	29500
70.0	65.7	42100	40700	38800	37600	35700	33900	31700	30400	27900	26000	23300
75.0	63.6	36800	35400	33500	32400	30400	28800	26600	25300	22900	20900	18500
80.0	61.4	31900	30600	28800	27700	25700	24200	22000	20700	18500	16500	14100
85.0	59.2	27700	26400	24600	23800	21800	20200	18000	16700	14500	12700	10300
90.0	56.9	24200	22900	21100	20000	18200	16700	14500	13400	11200	9200	
95.0	54.5	20900	19600	17800	16900	14900	13400	11400	10300	8100		
100.0	52.1	18200	17100	15400	14500	12500	11000	9000				
105.0	49.6	15600	14500	12700	11900	10100	8500					
110.0	46.9	13600	12300	10800	9900	7900						
115.0	44.2	11400	10300	8500								
Reeves		5	5	5	5	5	5	5	5	5	4	4

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Boom with Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

160 ft Boom												
Load Radius (ft)	Boom Angle (deg.)	Jib Length (ft)										
		70 (21.34m)	80 (24.38m)	90 (27.43m)	100 (30.48m)	110 (33.53m)	120 (36.58m)	130 (39.62m)	140 (42.67m)	150 (45.72m)	160 (48.77m)	170 (51.82m)
34.0	80.9	118100 *	118100 *	118100 *	118100 *	115700 *	113300 *	110200 *	108200 *	104900 *	102000 *	98500 *
36.0	80.2	118100 *	118100 *	118100 *	118100 *	115700 *	113300 *	110200 *	108200 *	104900 *	102000 *	98500 *
38.0	79.4	117200 *	115500 *	113000 *	111500 *	108900 *	106700 *	103800 *	101800 *	98700 *	96100 *	92800 *
40.0	78.7	109300 *	107500 *	105300 *	103800 *	101400 *	99200 *	96300 *	94500 *	91400 *	88800 *	85500 *
45.0	76.9	93400	91700	89500	88100	85700	83700	81100	79300	76500	74000	70900
50.0	75.0	77800	76200	74000	72700	70500	68500	65900	64300	61700	59300	56400
55.0	73.1	65600	64100	62100	61000	58800	56800	54400	52900	50400	48000	45400
60.0	71.2	56200	54600	52600	51500	49300	47600	45100	43800	41200	39200	36500
65.0	69.3	48000	46700	44700	43600	41400	39900	37400	36100	33700	31700	29100
70.0	67.4	41800	40300	38500	37400	35400	33700	31500	30200	27700	25700	23300
75.0	65.4	36100	34800	32800	31900	29900	28200	26000	24600	22400	20500	18000
80.0	63.4	31300	29900	28200	27100	25100	23500	21600	20200	18000	16000	13600
85.0	61.3	27300	26000	24000	23100	21100	19600	17600	16300	14100	12300	9900
90.0	59.2	23500	22200	20500	19600	17600	16000	14100	12700	10800	9000	
95.0	57.1	20500	19100	17400	16500	14700	13200	11200	10100			
100.0	54.9	17600	16500	14700	13800	11900	10500	8500				
105.0	52.6	14900	13800	12100	11200	9400	7900					
110.0	50.3	13000	11600	10100	9200							
115.0	47.9	10800	9700	7900								
120.0	45.3	8800										
Reeves		5	5	5	5	4	4	4	4	4	4	4
170 ft Boom												
Load Radius (ft)	Boom Angle (deg.)	Jib Length (ft)										
		70 (21.34m)	80 (24.38m)	90 (27.43m)	100 (30.48m)	110 (33.53m)	120 (36.58m)	130 (39.62m)	140 (42.67m)	150 (45.72m)	160 (48.77m)	170 (51.82m)
36.0	80.7	118100 *	116800 *	114400 *	113000 *	110400 *	108000 *	105100 *	103100 *	100000 *	97200 *	93900 *
38.0	80.1	114400 *	112600 *	110200 *	108900 *	106200 *	104000 *	101100 *	99400 *	96300 *	93600 *	90300 *
40.0	79.4	107100 *	105300 *	102900 *	101600 *	98900 *	97000 *	94100 *	92300 *	89200 *	86800 *	83500 *
45.0	77.6	91900	90100	87900	86600	84200	82200	79500	78000	75100	72700	69600
50.0	75.9	77800	76200	74200	72900	70700	68700	66100	64500	61900	59700	56800
55.0	74.1	65600	64100	62100	60800	58600	56800	54400	52900	50400	48200	45600
60.0	72.4	55900	54600	52600	51500	49300	47600	45100	43800	41400	39200	36500
65.0	70.6	48200	46700	44900	43800	41600	39900	37600	36300	33900	31900	29300
70.0	68.8	41600	40300	38300	37400	35200	33700	31500	30200	27700	26000	23300
75.0	66.9	35700	34300	32600	31500	29500	27900	25700	24600	22200	20500	18000
80.0	65.1	31000	29700	27900	26800	24900	23300	21300	20000	17800	16000	13600
85.0	63.2	27100	25700	24000	23100	21100	19600	17600	16300	14300	12300	10100
90.0	61.2	23300	22000	20500	19400	17600	16000	14100	13000	10800	9000	
95.0	59.3	20000	18900	17100	16300	14500	13000	11000	9900			
100.0	57.3	17600	16300	14500	13600	11900	10500	8500				
105.0	55.2	14700	13400	11900	11000	9200						
110.0	53.1	12300	11200	9400	8500							
115.0	50.9	10500	9400									
120.0	48.6	8800										
Reeves		5	4	4	4	4	4	4	4	4	4	4
180 ft Boom												
Load Radius (ft)	Boom Angle (deg.)	Jib Length (ft)										
		70 (21.34m)	80 (24.38m)	90 (27.43m)	100 (30.48m)	110 (33.53m)	120 (36.58m)	130 (39.62m)	140 (42.67m)	150 (45.72m)	160 (48.77m)	170 (51.82m)
38.0	80.6	86400 *	84600 *	82400 *	80900 *	78200 *	76000 *	73400 *	71400 *	68500 *	65900 *	62600 *
40.0	80.0	85900 *	83700 *	81500 *	80400 *	77600 *	75300 *	72700 *	70500 *	67900 *	65200 *	61700 *
45.0	78.3	84800 *	82600 *	80400 *	79300 *	76700 *	74500 *	71600 *	69400 *	66700 *	64100 *	60600 *
50.0	76.7	77100 *	75600 *	73600 *	72300 *	70100 *	68100 *	65600 *	64100 *	61500 *	59300 *	56400 *
55.0	75.1	65200	63700	61700	60600	58400	56600	54200	52600	50200	48000	45400
60.0	73.4	55300	54000	52000	50900	48700	46900	44700	43400	41000	38800	36100
65.0	71.7	47600	46000	44300	43200	41200	39400	37200	35900	33500	31500	29100
70.0	70.0	41000	39600	37600	36800	34800	33000	30800	29700	27300	25300	22900
75.0	68.3	35200	33900	32100	31300	29300	27700	25500	24200	22000	20200	17800
80.0	66.6	30600	29300	27500	26400	24600	23100	20900	19800	17600	15800	13400
85.0	64.8	26400	25100	23300	22400	20500	19100	16900	15800	13600	11900	9700
90.0	63.0	22700	21300	19800	18900	16900	15400	13400	12300	10300	8500	
95.0	61.2	19600	18500	16700	15800	14100	12500	10500	9400			
100.0	59.3	16700	15400	13800	13000	11000	9700					
105.0	57.4	14100	12700	11200	10300	8500						
110.0	55.5	12100	11000	9200	8300							
115.0	53.5	9900	8800									
120.0	51.4	7900										
Reeves		3	3	3	3	3	3	3	3	3	3	3

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

70 ft Boom														
70 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0	73.5	107,100 *												
32.0	71.8	106,700 *												
34.0	70.1	106,300 *												
36.0	68.3	105,800 *												
38.0	66.5	105,400 *												
40.0	64.7	104,400 *												
42.0	62.9	98,300 *	68.6	104,400 *										
44.0	61.0	92,500 *	66.8	104,400 *										
46.0	59.1	87,500 *	65.0	104,400 *										
48.0	57.2	82,800 *	63.2	101,600 *										
50.0	55.2	78,700 *	61.3	96,100 *	64.7	95,000 *								
55.0	50.0	69,400 *	56.5	84,800 *	60.1	83,700 *								
60.0	44.4	62,300 *	51.4	74,500 *	55.2	74,900 *	61.2	73,100						
65.0	38.1	56,600 *	45.9	66,300 *	50.0	67,400 *	56.3	66,100						
70.0	30.7	51,800 *	39.8	59,700 *	44.4	61,500 *	51.2	60,100						
75.0	21.1	44,700 *	32.7	54,000 *	38.1	56,400 *	45.7	55,300	52.2	53,700				
80.0			23.9	49,300 *	30.7	52,000 *	39.6	50,900	46.8	50,000				
85.0					21.1	48,000 *	32.5	47,100 *	40.8	46,200	47.7	44,900		
90.0							23.6	43,800 *	34.0	42,900	41.8	42,100		
95.0									25.6	40,100	35.1	39,200	42.4	38,100
100.0											27.0	36,800	35.8	36,100
110.0													16.9	31,900
120.0														
130.0														
140.0														
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
Reeves	4													

70 ft Boom														
80 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0	74.2	104,400 *												
34.0	72.7	104,400 *												
36.0	71.1	104,400 *												
38.0	69.6	104,400 *												
40.0	68.1	103,800 *												
42.0	66.5	97,400 *												
44.0	64.9	91,700 *												
46.0	63.3	86,600 *	68.3	104,400 *										
48.0	61.7	82,000 *	66.7	101,400 *										
50.0	60.1	77,800 *	65.2	95,900 *										
55.0	55.8	68,300 *	61.1	84,600 *	64.2	83,500 *								
60.0	51.3	61,000 *	56.9	74,200 *	60.1	74,700 *								
65.0	46.5	55,300 *	52.5	65,900 *	55.8	67,400 *	61.0	65,600						
70.0	41.3	50,400 *	47.8	59,000 *	51.3	61,200 *	56.8	59,900						
75.0	35.5	46,000 *	42.7	53,100 *	46.6	56,200 *	52.4	54,800						
80.0	28.6	42,700 *	37.1	48,500 *	41.3	51,800 *	47.7	50,700	53.3	49,100				
85.0	19.7	38,100 *	30.5	44,500 *	35.5	48,000 *	42.6	46,900 *	48.6	45,800				
90.0			22.3	41,200 *	28.7	44,300 *	36.9	43,600 *	43.6	42,700	49.3	41,400		
95.0					19.7	40,700 *	30.3	40,700 *	38.0	39,900	44.4	39,000		
100.0							22.0	38,100 *	31.7	37,400	38.9	36,500	44.9	35,200
110.0											25.2	32,400	33.4	31,500
120.0													15.7	28,200
130.0														
140.0														
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

70 ft Boom														
Load Radius (ft)	90 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0	73.3	104,400 *												
38.0	72.0	104,400 *												
40.0	70.6	103,100 *												
42.0	69.3	96,700 *												
44.0	67.9	90,800 *												
46.0	66.5	85,700 *												
48.0	65.1	81,100 *												
50.0	63.7	76,900 *	68.1	95,600 *										
55.0	60.1	67,200 *	64.6	84,400 *										
60.0	56.3	59,900 *	61.0	73,800 *	63.7	74,200 *								
65.0	52.4	54,000 *	57.3	65,200 *	60.1	67,200 *								
70.0	48.2	49,100 *	53.4	58,400 *	56.3	61,200 *	60.9	59,500						
75.0	43.7	44,500 *	49.3	52,200 *	52.4	55,900 *	57.2	54,600						
80.0	38.8	41,000 *	44.9	47,300 *	48.2	51,800 *	53.3	50,400						
85.0	33.4	37,900 *	40.1	43,400 *	43.7	47,600 *	49.2	46,700 *	54.0	45,400				
90.0	26.9	35,400 *	34.8	39,900 *	38.9	43,400 *	44.8	43,400 *	50.0	42,500				
95.0	18.5	32,400 *	28.7	36,800 *	33.4	39,600 *	40.0	40,500 *	45.6	39,600	50.6	38,300		
100.0			21.0	34,300 *	27.0	36,800 *	34.7	38,100 *	40.9	37,200	46.3	36,300		
110.0							20.7	33,700 *	29.8	33,000 *	36.6	32,100	42.2	31,000
120.0											23.7	28,800	31.4	27,900
130.0														
140.0														
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
Reeves	4													

70 ft Boom														
Load Radius (ft)	100 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0	73.8	104,400 *												
40.0	72.6	102,700 *												
42.0	71.4	96,300 *												
44.0	70.2	90,600 *												
46.0	69.0	85,300 *												
48.0	67.7	80,600 *												
50.0	66.5	76,200 *												
55.0	63.3	66,700 *	67.3	84,200 *										
60.0	60.1	59,500 *	64.1	73,800 *	66.5	66,700 *								
65.0	56.7	53,300 *	60.9	65,200 *	63.3	61,000 *								
70.0	53.2	48,200 *	57.6	58,200 *	60.1	55,700 *								
75.0	49.5	43,800 *	54.1	52,000 *	56.7	51,500 *	60.8	54,200						
80.0	45.5	40,100 *	50.4	47,100 *	53.2	47,600 *	57.5	50,400						
85.0	41.3	37,000 *	46.6	42,900 *	49.5	44,300 *	54.0	46,700 *						
90.0	36.8	34,300 *	42.5	39,400 *	45.6	40,600 *	50.3	43,400 *	54.7	41,800				
95.0	31.6	31,700 *	38.0	36,100 *	41.4	37,500 *	46.5	40,500 *	51.0	39,400				
100.0	25.5	29,900 *	33.0	33,500 *	36.8	34,800 *	42.3	37,900 *	47.2	37,000				
110.0			19.9	29,100 *	25.5	30,200 *	32.8	33,700 *	38.7	32,800	43.8	31,900		
120.0							19.6	30,200 *	28.2	29,300 *	34.6	28,600	39.9	27,900
130.0											22.4	25,700	29.7	25,300
140.0														
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

70 ft Boom														
110 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0	74.3	102,000 *												
42.0	73.2	95,400 *												
44.0	72.1	89,700 *												
46.0	71.0	84,400 *												
48.0	69.9	79,800 *												
50.0	68.8	75,300 *												
55.0	65.9	65,600 *	69.5	83,900 *										
60.0	63.0	58,400 *	66.7	73,600 *										
65.0	60.1	52,400 *	63.8	64,800 *	65.9	66,500 *								
70.0	57.0	47,100 *	60.8	57,700 *	63.0	60,600 *								
75.0	53.8	42,700 *	57.8	51,300 *	60.1	55,500 *								
80.0	50.5	39,000 *	54.6	46,200 *	57.0	51,100 *	60.7	49,600						
85.0	47.0	35,700 *	51.4	42,100 *	53.8	46,900 *	57.7	46,200						
90.0	43.3	33,000 *	47.9	38,500 *	50.5	42,500 *	54.5	42,900 *						
95.0	39.3	30,400 *	44.3	35,000 *	47.0	38,500 *	51.3	40,300 *	55.2	38,800				
100.0	35.0	28,400 *	40.4	32,600 *	43.3	35,700 *	47.8	37,600 *	51.9	36,500				
110.0	24.3	24,900 *	31.4	27,700 *	35.0	30,200 *	40.3	33,200 *	44.9	32,400	49.0	31,300		
120.0			18.9	24,400 *	24.3	26,000 *	31.2	29,700 *	36.9	29,100 *	41.6	28,200	45.8	27,100
130.0							18.7	25,300 *	26.9	26,200 *	33.0	25,300	38.0	24,900
140.0											21.4	23,100 *	28.3	22,400
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
Reeves	4													

70 ft Boom														
120 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0	73.6	88,500 *												
46.0	72.6	83,700 *												
48.0	71.6	79,100 *												
50.0	70.6	74,700 *												
55.0	68.0	65,000 *												
60.0	65.4	57,700 *	68.7	73,600 *										
65.0	62.8	51,500 *	66.1	64,500 *										
70.0	60.0	46,500 *	63.5	57,300 *	65.4	60,100 *								
75.0	57.2	41,800 *	60.8	50,900 *	62.8	55,300 *								
80.0	54.3	38,100 *	58.0	45,800 *	60.1	50,900 *								
85.0	51.3	34,800 *	55.1	41,600 *	57.2	46,700 *	60.7	45,600						
90.0	48.2	31,900 *	52.1	37,900 *	54.3	42,300 *	57.9	42,700 *						
95.0	44.9	29,300 *	49.0	34,300 *	51.3	38,300 *	55.0	39,900 *						
100.0	41.4	27,300 *	45.7	31,700 *	48.2	35,200 *	52.0	37,400 *	55.6	35,900				
110.0	33.4	23,500 *	38.6	27,100 *	41.4	29,500 *	45.6	33,000 *	49.5	32,100				
120.0	23.2	20,900 *	30.0	23,300 *	33.4	25,300 *	38.5	29,300 *	42.9	28,800 *	46.8	28,200		
130.0			18.1	20,500 *	23.2	21,800 *	29.9	24,900 *	35.2	26,000 *	39.8	25,300	43.8	24,000
140.0							17.9	21,600 *	25.7	23,500 *	31.5	22,900 *	36.3	22,200
150.0											20.4	20,900 *	27.1	20,200
160.0														
170.0														
180.0														
190.0														
200.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

70 ft Boom														
Load Radius (ft)	130 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0	74.0	74,900 *												
48.0	73.1	72,900 *												
50.0	72.1	70,700 *												
55.0	69.8	64,500 *												
60.0	67.4	57,000 *												
65.0	65.0	50,900 *	68.1	63,000 *										
70.0	62.6	45,800 *	65.7	57,300 *										
75.0	60.0	41,200 *	63.2	50,700 *	65.0	54,800 *								
80.0	57.5	37,400 *	60.7	45,600 *	62.6	50,900 *								
85.0	54.8	34,100 *	58.1	41,200 *	60.0	46,700 *								
90.0	52.0	31,300 *	55.5	37,400 *	57.5	42,100 *	60.6	42,100 *						
95.0	49.2	28,600 *	52.7	33,900 *	54.8	38,100 *	58.1	39,600 *						
100.0	46.2	26,400 *	49.9	31,300 *	52.0	34,800 *	55.4	37,200 *						
110.0	39.7	22,700 *	43.8	26,400 *	46.2	29,100 *	49.8	32,800 *	53.2	31,900				
120.0	32.1	19,600 *	37.0	22,400 *	39.7	24,600 *	43.7	29,100 *	47.4	28,400 *	50.8	27,300		
130.0	22.3	17,100 *	28.8	19,400 *	32.1	21,100 *	36.9	24,400 *	41.1	25,500 *	44.8	25,100		
140.0			17.4	17,100 *	22.3	18,200 *	28.7	20,900 *	33.8	23,300 *	38.1	22,700	41.9	22,000
150.0							17.1	18,000 *	24.6	20,700 *	30.2	20,700 *	34.8	20,000
160.0											19.6	18,900 *	26.0	18,200
170.0														
180.0														
190.0														
200.0														
Reeves	3													

70 ft Boom														
Load Radius (ft)	140 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0	74.3	62,300 *												
50.0	73.5	60,600 *												
55.0	71.3	56,400 *												
60.0	69.1	52,900 *												
65.0	66.9	49,800 *												
70.0	64.7	45,100 *	67.5	50,400 *										
75.0	62.4	40,500 *	65.3	47,600 *										
80.0	60.0	36,800 *	63.0	44,900 *	64.7	46,900 *								
85.0	57.6	33,500 *	60.6	41,000 *	62.4	44,300 *								
90.0	55.2	30,600 *	58.3	37,200 *	60.0	42,100 *								
95.0	52.6	27,900 *	55.8	33,700 *	57.6	37,900 *	60.6	38,800 *						
100.0	50.0	25,700 *	53.3	30,800 *	55.2	34,600 *	58.2	36,800 *						
110.0	44.4	21,800 *	48.0	25,700 *	50.0	28,800 *	53.2	32,600 *	56.2	31,000 *				
120.0	38.1	18,700 *	42.2	22,000 *	44.4	24,200 *	47.9	29,100 *	51.1	28,200 *				
130.0	30.9	16,300 *	35.6	18,700 *	38.2	20,700 *	42.1	24,400 *	45.6	25,300 *	48.8	24,000		
140.0	21.5	14,300 *	27.7	16,300 *	30.9	17,600 *	35.5	20,700 *	39.5	22,900 *	43.1	22,400	46.3	21,100
150.0			16.7	14,300 *	21.5	15,200 *	27.6	17,600 *	32.5	20,700 *	36.7	20,200 *	40.3	19,800
160.0							16.5	15,200 *	23.7	17,600 *	29.1	18,700 *	33.5	18,000
170.0											18.9	16,900 *	25.0	16,500 *
180.0														
190.0														
200.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

70 ft Boom														
150 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	72.6	46,700 *												
60.0	70.6	43,800 *												
65.0	68.5	41,200 *												
70.0		39,000 *	69.1	41,800 *										
75.0	64.4	36,800 *	67.0	39,400 *										
80.0	62.2	34,800 *	64.9	37,200 *	66.5	38,800 *								
85.0	60.0	32,800 *	62.8	35,200 *	64.4	36,800 *								
90.0	57.8	29,900 *	60.6	33,500 *	62.2	34,800 *								
95.0	55.5	27,300 *	58.4	31,900 *	60.0	33,000 *								
100.0	53.1	25,100 *	56.1	30,400 *	57.8	31,500 *	60.5	33,500 *						
110.0	48.2	21,100 *	51.3	25,300 *	53.2	28,600 *	56.0	30,400 *						
120.0	42.8	18,000 *	46.2	21,300 *	48.2	24,000 *	51.3	27,700 *	54.1	28,200 *				
130.0	36.8	15,400 *	40.7	18,000 *	42.8	20,200 *	46.2	24,200 *	49.3	25,300 *				
140.0	29.8	13,200 *	34.3	15,400 *	36.8	17,100 *	40.6	20,500 *	44.0	22,900 *	47.1	22,200 *		
150.0	20.7	11,600 *	26.7	13,200 *	29.8	14,500 *	34.2	17,100 *	38.1	20,700 *	41.6	20,000 *	44.7	18,700
160.0			16.1	11,600 *	20.7	12,500 *	26.6	14,700 *	31.4	17,400 *	35.4	18,200 *	38.9	17,800
170.0							15.9	12,500 *	22.9	14,700 *	28.1	16,900 *	32.3	16,300 *
180.0											18.2	14,700 *	24.1	14,900 *
190.0														
200.0														
Reeves	2													

70 ft Boom														
160 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	73.7	41,400 *												
60.0	71.8	38,800 *												
65.0	69.9	36,500 *												
70.0	68.0	34,300 *												
75.0	66.1	32,400 *	68.5	34,800 *										
80.0	64.1	30,600 *	66.6	32,800 *										
85.0	62.1	29,100 *	64.6	31,000 *	66.1	32,400 *								
90.0	60.0	27,500 *	62.6	29,500 *	64.1	30,600 *								
95.0	57.9	26,200 *	60.6	27,900 *	62.1	29,100 *								
100.0	55.8	24,200 *	58.5	26,600 *	60.0	27,700 *								
110.0	51.3	20,200 *	54.2	24,200 *	55.8	25,100 *	58.4	26,600 *						
120.0	46.6	16,900 *	49.6	20,700 *	51.3	22,900 *	54.1	24,200 *						
130.0	41.4	14,300 *	44.7	17,400 *	46.6	19,600 *	49.5	22,000 *	52.3	23,300 *				
140.0	35.6	12,300 *	39.3	14,700 *	41.4	16,500 *	44.6	20,000 *	47.6	21,300 *	50.3	21,100 *		
150.0	28.8	10,300 *	33.2	12,300 *	35.6	13,800 *	39.2	16,700 *	42.5	19,600 *	45.5	19,800 *		
160.0	20.0	9,000 *	25.9	10,500 *	28.8	11,600 *	33.1	14,100 *	36.9	17,100 *	40.2	18,000 *	43.2	17,600 *
170.0			15.6	9,000 *	20.0	9,900 *	25.7	11,900 *	30.3	14,300 *	34.2	16,500 *	37.6	16,000 *
180.0							15.4	10,100 *	22.2	12,100 *	27.1	14,500 *	31.2	14,700 *
190.0											17.6	12,100 *	23.3	13,600 *
200.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

70 ft Boom														
Load Radius (ft)	170 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
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	72.9	33,500 *												
65.0	71.2	31,500 *												
70.0	69.4	29,500 *												
75.0	67.6	27,700 *												
80.0	65.7	26,200 *	68.0	28,200 *										
85.0	63.9	24,600 *	66.2	26,600 *										
90.0	62.0	23,500 *	64.3	25,100 *	65.7	26,200 *								
95.0	60.0	22,200 *	62.5	23,800 *	63.9	24,600 *								
100.0	58.1	21,100 *	60.5	22,700 *	62.0	23,500 *								
110.0	54.0	19,100 *	56.6	20,200 *	58.1	21,100 *	60.5	22,400 *						
120.0	49.7	16,000 *	52.4	18,500 *	54.0	19,100 *	56.5	20,200 *						
130.0	45.1	13,200 *	48.0	16,500 *	49.7	17,400 *	52.4	18,500 *	54.9	19,600 *				
140.0	40.1	11,000 *	43.3	13,800 *	45.1	15,800 *	47.9	16,900 *	50.6	17,800 *				
150.0	34.5	9,200 *	38.1	11,400 *	40.1	13,000 *	43.2	15,400 *	46.1	16,300 *	48.7	17,100 *		
160.0	27.9	7,700 *	32.2	9,400 *	34.5	10,800 *	38.0	13,600 *	41.2	14,900 *	44.0	15,800 *		
170.0	19.4	6,600 *	25.1	7,900 *	27.9	9,000 *	32.1	11,200 *	35.7	13,800 *	38.9	14,500 *	41.8	15,200 *
180.0			15.1	6,600 *	19.4	7,400 *	25.0	9,200 *	29.4	11,600 *	33.2	13,400 *	36.4	14,100 *
190.0									21.5	9,400 *	26.3	11,900 *	30.3	13,000 *
200.0											17.1	9,700 *	22.6	12,100 *
Reeves	2													

Refer to notes on 70 to 71.



LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

80 ft Boom														
70 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0	73.8	104,400 *												
32.0	72.1	104,400 *												
34.0	70.4	104,400 *												
36.0	68.6	104,400 *												
38.0	66.8	104,400 *												
40.0	65.0	104,400 *												
42.0	63.2	104,400 *												
44.0	61.4	103,100 *	67.9	104,400 *										
46.0	59.5	96,700 *	66.1	104,400 *										
48.0	57.5	90,800 *	64.3	101,100 *										
50.0	55.5	85,700 *	62.4	95,900 *	66.3	94,300 *								
55.0	50.4	74,500 *	57.7	84,400 *	61.7	83,100								
60.0	44.8	66,100 *	52.6	75,600 *	56.9	74,200								
65.0	38.5	59,000 *	47.2	68,100 *	51.9	67,000	58.9	65,200						
70.0	31.3	53,300 *	41.3	61,900 *	46.4	61,000	53.9	59,500						
75.0	21.9	48,200 *	34.6	55,700 *	40.4	55,900	48.6	54,600	55.7	52,900				
80.0			26.3	50,400 *	33.4	51,500	42.8	50,200	50.6	49,100				
85.0					24.9	47,800 *	36.3	46,700	45.0	45,600				
90.0							28.5	43,400	38.8	42,300	46.8	41,000		
95.0							17.9	40,500	31.5	39,600	40.8	38,500		
100.0									22.3	37,000	34.0	36,100	42.4	34,800
110.0													27.9	31,000
120.0														
130.0														
140.0														
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
Reeves	4													

80 ft Boom														
Load Radius (ft)	80 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0	74.4	104,400 *												
34.0	72.9	104,400 *												
36.0	71.4	104,400 *												
38.0	69.9	104,400 *												
40.0	68.3	104,400 *												
42.0	66.8	104,400 *												
44.0	65.2	103,100 *												
46.0	63.6	96,500 *	69.2	104,400 *										
48.0	62.0	90,800 *	67.7	100,700 *										
50.0	60.4	85,500 *	66.1	95,400 *										
55.0	56.1	74,500 *	62.1	84,200 *	65.5	82,800								
60.0	51.7	65,900 *	58.0	75,100 *	61.5	74,200								
65.0	46.9	59,000 *	53.6	67,900 *	57.3	67,000								
70.0	41.7	53,300 *	49.0	61,700 *	52.9	60,800	59.0	59,000						
75.0	35.9	48,300 *	44.0	55,600 *	48.3	55,700	54.7	54,200						
80.0	29.2	44,300 *	38.5	50,400 *	43.2	51,300 *	50.1	50,000	56.3	48,500				
85.0	20.4	40,700 *	32.2	46,000 *	37.6	47,600 *	45.3	46,200	51.8	45,100				
90.0			24.6	42,300 *	31.2	44,300 *	39.9	43,200	47.1	42,100				
95.0					23.2	41,400 *	33.9	40,300	41.9	39,200	48.6	37,600		
100.0							26.6	37,600	36.1	36,800	43.6	35,700		
110.0									20.8	32,600	31.7	31,700	39.5	30,800
120.0													26.0	27,500
130.0														
140.0														
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

80 ft Boom														
Load Radius (ft)	90 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0	73.5	104,400 *												
38.0	72.2	104,400 *												
40.0	70.9	104,400 *												
42.0	69.5	104,400 *												
44.0	68.1	102,200 *												
46.0	66.7	96,500 *												
48.0	65.4	90,600 *												
50.0	63.9	85,500 *	68.9	95,200 *										
55.0	60.3	74,300 *	65.5	83,900 *										
60.0	56.6	65,900 *	61.9	74,900 *	64.9	73,800								
65.0	52.6	59,000 *	58.2	67,600 *	61.3	66,700								
70.0	48.5	53,300 *	54.3	61,500 *	57.6	60,800								
75.0	44.0	48,300 *	50.3	55,600 *	53.8	55,500	59.1	53,700						
80.0	39.2	44,300 *	46.0	50,400 *	49.7	51,300 *	55.3	50,000						
85.0	33.8	40,700 *	41.3	46,000 *	45.3	47,600 *	51.3	46,200						
90.0	27.4	37,400 *	36.2	42,300 *	40.6	44,300 *	47.1	43,200	52.8	41,400				
95.0	19.2	34,600 *	30.3	38,800 *	35.4	41,200 *	42.5	40,300	48.6	39,000				
100.0			23.1	35,900 *	29.3	38,800 *	37.5	37,600	44.2	36,500	50.0	35,000		
110.0							25.1	33,500	34.0	32,400	40.9	31,500		
120.0									19.6	29,100	29.8	28,200	37.1	27,500
130.0													24.5	24,600
140.0														
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
Reeves	4													

80 ft Boom														
Load Radius (ft)	100 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0	74.0	104,400 *												
40.0	72.8	104,400 *												
42.0	71.6	104,000 *												
44.0	70.4	101,100 *												
46.0	69.2	96,100 *												
48.0	68.0	90,300 *												
50.0	66.7	85,300 *												
55.0	63.5	74,100 *	68.1	83,700 *										
60.0	60.3	65,500 *	64.9	74,900 *										
65.0	56.9	58,600 *	61.7	67,600 *	64.4	66,300								
70.0	53.4	53,100 *	58.4	61,500 *	61.2	60,600								
75.0	49.7	48,100 *	54.9	56,000 *	57.9	55,300								
80.0	45.8	43,900 *	51.3	50,700 *	54.4	51,100 *	59.2	49,300						
85.0	41.6	40,300 *	47.5	46,300 *	50.8	47,300 *	55.8	46,000						
90.0	37.1	37,400 *	43.5	42,500 *	46.9	44,000 *	52.2	42,900						
95.0	32.0	34,600 *	39.1	39,000 *	42.9	41,000 *	48.5	40,100	53.5	38,300				
100.0	26.0	32,100 *	34.3	36,200 *	38.4	38,500 *	44.5	37,400	49.9	36,300				
110.0			21.9	31,300 *	27.8	33,300 *	35.5	33,200	41.8	32,100	47.2	31,300		
120.0							23.7	29,700	32.2	28,800	38.7	27,900	44.2	26,600
130.0									18.5	25,700	28.2	25,100	35.1	24,400
140.0													23.2	22,200
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

80 ft Boom														
110 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0	74.4	104,400 *												
42.0	73.4	103,100 *												
44.0	72.3	100,000 *												
46.0	71.2	95,900 *												
48.0	70.1	90,100 *												
50.0	68.9	84,800 *												
55.0	66.1	73,900 *												
60.0	63.2	65,400 *	67.3	74,500 *										
65.0	60.3	58,600 *	64.5	67,400 *										
70.0	57.2	52,600 *	61.5	61,200 *	64.0	59,900								
75.0	54.0	47,800 *	58.5	55,900 *	61.1	55,100								
80.0	50.7	43,800 *	55.4	50,700 *	58.1	50,700 *								
85.0	47.2	40,100 *	52.2	46,200 *	54.9	46,900 *	59.3	45,100						
90.0	43.6	37,000 *	48.8	42,300 *	51.7	43,600 *	56.2	42,500						
95.0	39.6	34,300 *	45.2	39,000 *	48.2	40,700 *	53.0	39,600						
100.0	35.3	31,900 *	41.4	36,100 *	44.6	38,100 *	49.6	37,200	54.1	35,400				
110.0	24.7	27,900 *	32.6	31,000 *	36.5	33,000 *	42.3	32,800	47.4	31,900				
120.0			20.8	27,300 *	26.4	28,800 *	33.8	29,300 *	39.8	28,400	44.9	27,700		
130.0							22.6	26,400 *	30.6	25,500	36.8	24,900	42.0	24,200
140.0									17.6	23,300	26.8	22,700	33.4	21,800
150.0													22.1	19,800
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
Reeves	4													

80 ft Boom														
120 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0	73.8	88,500 *												
46.0	72.8	88,100 *												
48.0	71.8	85,700 *												
50.0	70.8	83,300 *												
55.0	68.2	73,400 *												
60.0	65.6	65,000 *	69.3	74,200 *										
65.0	63.0	58,200 *	66.7	67,200 *										
70.0	60.2	52,400 *	64.1	61,000 *	66.4	59,700								
75.0	57.4	47,600 *	61.4	55,600 *	63.7	54,800								
80.0	54.5	43,400 *	58.7	50,300 *	61.0	50,400								
85.0	51.5	39,900 *	55.8	46,000 *	58.2	46,700 *								
90.0	48.4	36,800 *	52.8	42,100 *	55.4	43,400 *	59.3	41,800						
95.0	45.1	33,900 *	49.8	38,600 *	52.4	40,500 *	56.5	39,400						
100.0	41.6	31,700 *	46.6	35,900 *	49.3	37,900 *	53.6	37,000						
110.0	33.7	27,300 *	39.5	31,000 *	42.6	32,800 *	47.4	32,600	51.6	31,500				
120.0	23.6	24,200 *	31.2	27,100 *	34.9	28,600 *	40.4	29,100 *	45.2	28,200	49.5	26,800		
130.0			19.9	23,800 *	25.3	25,100 *	32.3	26,200 *	38.0	25,300	42.9	24,600		
140.0							21.6	23,800 *	29.3	22,900	35.2	22,400	40.2	21,600
150.0									16.9	21,100	25.7	20,500	32.0	19,600
160.0													21.1	18,000
170.0														
180.0														
190.0														
200.0														
210.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

80 ft Boom														
Load Radius (ft)	130 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0	74.2	75,300 *												
48.0	73.2	73,100 *												
50.0	72.3	71,200 *												
55.0	70.0	66,300 *												
60.0	67.6	62,100 *												
65.0	65.2	57,900 *	68.6	63,900 *										
70.0	62.7	52,200 *	66.2	60,100 *										
75.0	60.2	47,100 *	63.8	55,300 *	65.9	54,200 *								
80.0	57.6	42,900 *	61.3	50,000 *	63.4	50,400 *								
85.0	55.0	39,200 *	58.8	45,600 *	60.9	46,700 *								
90.0	52.2	36,100 *	56.1	41,800 *	58.4	43,400 *								
95.0	49.4	33,000 *	53.4	38,400 *	55.7	40,500 *	59.4	38,800						
100.0	46.4	30,600 *	50.6	35,400 *	53.0	37,900 *	56.8	36,500						
110.0	39.9	26,200 *	44.6	30,600 *	47.2	33,200 *	51.3	32,400	55.1	30,800				
120.0	32.4	22,900 *	37.9	26,800 *	40.9	29,100 *	45.4	28,800 *	49.5	27,900				
130.0	22.7	20,200 *	29.9	23,100 *	33.5	25,500 *	38.8	26,000 *	43.3	25,100	47.4	24,400		
140.0			19.1	20,200 *	24.3	22,000 *	31.0	23,500 *	36.4	22,700	41.1	22,200	45.2	20,700
150.0							20.7	21,600 *	28.1	20,700 *	33.8	20,200	38.5	19,400
160.0									16.2	18,900	24.6	18,500	30.7	17,800
170.0													20.3	16,300
180.0														
190.0														
200.0														
210.0														
Reeves	3													

80 ft Boom														
Load Radius (ft)	140 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0	73.6	60,800 *												
55.0	71.5	56,600 *												
60.0	69.3	53,100 *												
65.0	67.1	50,000 *												
70.0	64.8	47,100 *	68.0	51,300 *										
75.0	62.5	44,500 *	65.8	48,200 *										
80.0	60.2	42,100 *	63.5	45,600 *	65.5	47,800 *								
85.0	57.8	38,500 *	61.2	43,200 *	63.2	45,100 *								
90.0	55.3	35,400 *	58.8	41,000 *	60.9	42,900 *								
95.0	52.8	32,400 *	56.4	37,900 *	58.5	40,100 *								
100.0	50.2	29,900 *	53.9	35,100 *	56.0	37,600 *	59.4	35,700 *						
110.0	44.6	25,500 *	48.6	30,400 *	50.9	33,000 *	54.5	32,100 *						
120.0	38.4	22,000 *	42.9	26,200 *	45.4	28,600 *	49.3	28,600 *	52.9	27,700				
130.0	31.1	19,100 *	36.4	22,400 *	39.3	25,100 *	43.6	25,700 *	47.5	25,100	51.1	23,300		
140.0	21.8	16,900 *	28.8	19,600 *	32.2	21,600 *	37.3	23,300 *	41.7	22,700	45.6	21,800		
150.0			18.4	17,100 *	23.4	18,700 *	29.8	21,100 *	35.0	20,500	39.5	19,800	43.4	19,100
160.0							20.0	19,100	27.0	18,700	32.5	18,000	37.0	17,400
170.0									15.6	17,600	23.7	16,500	29.5	15,800
180.0													19.5	14,700
190.0														
200.0														
210.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

80 ft Boom														
150 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	72.7	46,900 *												
60.0	70.7	43,800 *												
65.0	68.7	41,400 *												
70.0	66.6	39,000 *												
75.0	64.5	36,800 *	67.5	39,900 *										
80.0	62.4	34,800 *	65.4	37,600 *										
85.0	60.2	33,200 *	63.3	35,700 *	65.1	37,400 *								
90.0	58.0	31,500 *	61.1	33,900 *	63.0	35,400 *								
95.0	55.7	29,900 *	58.9	32,100 *	60.8	33,700 *								
100.0	53.3	28,800 *	56.7	30,800 *	58.6	32,100 *								
110.0	48.4	24,600 *	51.9	27,900 *	54.0	29,100 *	57.2	31,000 *						
120.0	43.0	21,100 *	46.9	25,700 *	49.1	26,600 *	52.5	28,400 *	55.7	26,600 *				
130.0	37.0	18,000 *	41.4	21,800 *	43.8	24,600 *	47.5	25,500 *	51.0	24,600 *				
140.0	30.0	15,800 *	35.2	18,700 *	37.9	20,900 *	42.1	23,100 *	45.8	22,400 *	49.3	20,700 *		
150.0	21.1	13,800 *	27.8	16,000 *	31.1	17,800 *	36.0	20,900 *	40.2	20,200 *	44.0	19,600 *		
160.0			17.8	14,100 *	22.5	15,400 *	28.8	18,500 *	33.8	18,500 *	38.1	17,800 *	41.9	17,100
170.0							19.3	16,700	26.1	16,900 *	31.4	16,300	35.7	15,600
180.0									15.0	15,600 *	22.9	14,900	28.5	14,300
190.0													18.8	13,200
200.0														
210.0														
Reeves	2													

80 ft Boom														
160 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	73.9	41,600 *												
60.0	72.0	39,000 *												
65.0	70.1	36,500 *												
70.0	68.2	34,600 *												
75.0	66.2	32,400 *	69.0	35,200 *										
80.0	64.2	30,600 *	67.1	33,200 *										
85.0	62.2	29,100 *	65.1	31,500 *										
90.0	60.2	27,700 *	63.1	29,700 *	64.8	31,300 *								
95.0	58.1	26,200 *	61.1	28,200 *	62.8	29,500 *								
100.0	55.9	25,100 *	59.0	26,800 *	60.8	28,200 *								
110.0	51.5	22,900 *	54.7	24,400 *	56.6	25,300 *	59.5	27,300 *						
120.0	46.7	20,000 *	50.2	22,200 *	52.1	23,100 *	55.2	24,600 *						
130.0	41.6	17,100 *	45.3	20,500 *	47.4	21,100 *	50.7	22,700 *	53.8	24,000 *				
140.0	35.8	14,700 *	40.0	18,000 *	42.3	19,600 *	45.9	20,700 *	49.2	22,000 *				
150.0	29.1	12,500 *	34.0	15,200 *	36.6	17,100 *	40.7	19,100 *	44.3	20,000 *	47.6	19,400 *		
160.0	20.4	11,000 *	26.9	13,000 *	30.1	14,700 *	34.8	17,800 *	38.9	18,200 *	42.5	17,600 *	45.7	16,000 *
170.0			17.2	11,200 *	21.8	12,500 *	27.8	15,200 *	32.7	16,700 *	36.8	16,000 *	40.5	15,400 *
180.0							18.6	14,100	25.2	15,400 *	30.3	14,700 *	34.6	14,100 *
190.0											22.1	13,600 *	27.6	13,000 *
200.0													18.2	12,100 *
210.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

80 ft Boom														
Load Radius (ft)	170 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
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	73.1	33,700 *												
65.0	71.3	31,500 *												
70.0	69.5	29,700 *												
75.0	67.7	27,700 *												
80.0	65.9	26,200 *	68.5	28,600 *										
85.0	64.0	24,900 *	66.7	26,800 *										
90.0	62.1	23,500 *	64.8	25,500 *	66.4	26,600 *								
95.0	60.2	22,200 *	62.9	24,000 *	64.5	25,100 *								
100.0	58.2	21,100 *	61.0	22,900 *	62.6	24,000 *								
110.0	54.1	19,100 *	57.1	20,500 *	58.8	21,600 *								
120.0	49.8	17,400 *	52.9	18,700 *	54.7	19,400 *	57.6	20,900 *						
130.0	45.2	15,800 *	48.6	16,900 *	50.5	17,600 *	53.4	18,900 *	56.3	20,200 *				
140.0	40.3	13,400 *	43.9	15,600 *	45.9	16,300 *	49.1	17,100 *	52.1	18,200 *				
150.0	34.7	11,200 *	38.7	14,300 *	41.0	14,700 *	44.5	15,800 *	47.7	16,700 *	50.6	17,800 *		
160.0	28.2	9,700 *	32.9	12,100 *	35.5	13,600 *	39.4	14,500 *	42.9	15,400 *	46.1	16,300 *		
170.0	19.8	8,100 *	26.0	10,100 *	29.2	11,400 *	33.7	13,400 *	37.7	14,100 *	41.2	14,900 *	44.3	14,700 *
180.0			16.7	8,500 *	21.1	9,700 *	27.0	12,100 *	31.7	13,200 *	35.7	13,800 *	39.2	13,800 *
190.0							18.1	11,600 *	24.5	12,100 *	29.4	12,700 *	33.5	12,700 *
200.0											21.5	11,900 *	26.7	11,600 *
210.0													17.7	10,800 *
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

90 ft Boom														
70 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0	74.1	104,400 *												
32.0	72.4	104,400 *												
34.0	70.7	104,400 *												
36.0	68.9	104,400 *												
38.0	67.2	104,400 *												
40.0	65.4	104,400 *												
42.0	63.5	104,400 *												
44.0	61.7	104,400 *	68.9	104,400 *										
46.0	59.8	98,100 *	67.2	104,400 *										
48.0	57.9	92,100 *	65.4	100,700 *										
50.0	55.9	86,800 *	63.6	95,400 *										
55.0	50.7	75,400 *	58.9	84,200	63.3	82,600								
60.0	45.2	66,700 *	53.9	75,100	58.6	74,000								
65.0	39.0	59,700 *	48.6	67,900	53.7	66,700	61.3	64,500						
70.0	31.8	53,700 *	42.8	61,700	48.3	60,800	56.5	58,800						
75.0	22.7	48,700 *	36.3	56,600	42.5	55,700	51.4	54,000						
80.0			28.5	51,800	36.0	51,300	45.9	49,800	54.1	48,000				
85.0			17.9	47,100	28.1	47,600	39.8	46,000	48.9	44,700				
90.0					17.2	44,300	32.8	42,900	43.1	41,600				
95.0							24.0	40,100	36.6	39,000	45.9	37,600		
100.0									28.9	36,500	39.8	35,400		
110.0											24.0	31,300	35.8	30,400
120.0													16.9	27,100
130.0														
140.0														
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
Reeves	4													

90 ft Boom														
80 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0	73.2	104,400 *												
36.0	71.7	104,400 *												
38.0	70.2	104,400 *												
40.0	68.6	104,400 *												
42.0	67.1	104,400 *												
44.0	65.5	104,200 *												
46.0	63.9	97,800 *												
48.0	62.3	91,900 *	68.6	100,300 *										
50.0	60.6	86,600 *	67.1	95,000 *										
55.0	56.4	75,200 *	63.1	83,700										
60.0	52.0	66,600 *	59.0	74,900	62.9	73,400								
65.0	47.2	59,700 *	54.7	67,400	58.8	66,500								
70.0	42.1	53,700 *	50.1	61,500	54.5	60,400	61.2	58,400						
75.0	36.4	48,700 *	45.3	56,200	49.9	55,300	57.0	53,700						
80.0	29.7	44,500 *	39.9	51,800	45.0	51,100	52.5	49,600						
85.0	21.2	41,000	33.9	47,100 *	39.6	47,300	47.8	46,000	54.9	44,000				
90.0			26.6	43,200	33.6	44,000	42.7	42,700	50.3	41,400				
95.0			16.7	39,600	26.2	41,000	37.1	39,900	45.5	38,500				
100.0					16.0	38,500	30.6	37,400	40.2	36,100	47.8	34,600		
110.0									27.0	31,900	37.1	31,000	44.9	29,500
120.0											22.4	27,700	33.4	26,600
130.0													15.7	24,000
140.0														
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

90 ft Boom														
Load Radius (ft)	90 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0	73.8	104,400 *												
38.0	72.4	104,400 *												
40.0	71.1	104,400 *												
42.0	69.7	104,400 *												
44.0	68.4	102,700 *												
46.0	67.0	97,800 *												
48.0	65.6	91,900 *												
50.0	64.2	86,600 *												
55.0	60.6	75,200 *	66.3	83,500										
60.0	56.8	66,600 *	62.8	74,900	66.1	73,100								
65.0	52.9	59,500 *	59.1	67,600	62.6	66,300								
70.0	48.8	53,700 *	55.3	61,500	58.9	60,100								
75.0	44.4	48,700 *	51.3	56,400	55.1	55,300	61.0	53,100						
80.0	39.6	44,500 *	47.1	52,000 *	51.1	50,900	57.3	49,300						
85.0	34.2	41,000 *	42.5	47,800 *	46.9	47,100	53.4	45,800						
90.0	27.9	37,600 *	37.5	43,600 *	42.3	43,800	49.3	42,500	55.5	40,700				
95.0	19.9	35,000	31.8	40,100 *	37.3	41,000	44.9	39,600	51.5	38,300				
100.0			25.0	37,000	31.6	38,300	40.2	37,200	47.3	35,900				
110.0					15.1	35,700	28.8	33,000	37.7	31,900	44.9	30,800		
120.0									25.4	28,400	34.9	27,500	42.2	26,200
130.0											21.1	24,600	31.4	24,000
140.0													14.8	22,000
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
Reeves	4													

90 ft Boom														
Load Radius (ft)	100 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0	74.2	104,400 *												
40.0	73.1	104,400 *												
42.0	71.8	104,400 *												
44.0	70.6	101,600 *												
46.0	69.4	97,400 *												
48.0	68.2	91,700 *												
50.0	66.9	86,400 *												
55.0	63.8	74,700 *	68.8	83,300										
60.0	60.5	66,400 *	65.7	74,700										
65.0	57.2	59,300 *	62.5	67,400	65.5	65,600								
70.0	53.7	53,500 *	59.2	61,200	62.3	59,900								
75.0	50.0	48,300 *	55.8	56,200	59.0	54,800								
80.0	46.1	44,300 *	52.2	51,800 *	55.6	50,700	60.9	48,700						
85.0	42.0	40,700 *	48.5	47,600 *	52.1	46,900	57.6	45,600						
90.0	37.4	37,600 *	44.5	43,600 *	48.3	43,600	54.1	42,300						
95.0	32.4	34,600 *	40.2	39,900 *	44.3	40,700	50.4	39,400	55.9	37,600				
100.0	26.4	32,400	35.5	36,800 *	40.0	38,100	46.6	37,000	52.4	35,700				
110.0			23.7	31,900	29.9	33,700	38.0	32,800	44.7	31,700	50.4	29,900		
120.0							27.2	29,300	35.7	28,200	42.5	27,300		
130.0									24.0	25,500	33.0	24,400	39.9	23,800
140.0											19.9	22,200	29.7	21,600
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

90 ft Boom														
110 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0	73.6	103,600 *												
44.0	72.5	100,500 *												
46.0	71.4	97,200 *												
48.0	70.3	91,200 *												
50.0	69.1	85,900 *												
55.0	66.3	74,700 *												
60.0	63.4	66,100 *	68.0	74,000										
65.0	60.5	59,000 *	65.2	67,000										
70.0	57.4	53,300 *	62.3	60,800	65.1	59,500								
75.0	54.3	48,200 *	59.3	55,700	62.1	54,600								
80.0	51.0	44,000 *	56.2	51,300 *	59.1	50,200								
85.0	47.5	40,500 *	53.0	47,300 *	56.0	46,500	60.8	44,700						
90.0	43.8	37,400 *	49.6	43,400 *	52.8	43,200	57.8	41,800						
95.0	39.9	34,600 *	46.1	39,900 *	49.5	40,300	54.7	39,200						
100.0	35.6	32,100 *	42.3	36,800 *	45.9	37,900	51.4	36,800	56.3	34,800				
110.0	25.2	27,900	33.8	31,700 *	38.0	33,500 *	44.3	32,400	49.8	31,300				
120.0			22.6	27,700	28.4	29,500	36.2	29,100	42.5	27,900	47.9	27,100		
130.0							25.9	26,200	34.0	25,100	40.4	24,400	45.8	22,900
140.0									22.9	22,700	31.4	22,000	38.0	21,100
150.0											19.0	20,200	28.3	19,400
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
Reeves	4													

90 ft Boom														
120 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0	74.0	88,500 *												
46.0	73.0	88,500 *												
48.0	72.0	85,900 *												
50.0	71.0	83,500 *												
55.0	68.4	74,300 *												
60.0	65.8	65,900 *												
65.0	63.2	58,800 *	67.4	66,500 *										
70.0	60.4	52,900 *	64.8	60,600 *										
75.0	57.6	47,800 *	62.1	55,500 *	64.6	54,000								
80.0	54.8	43,800 *	59.3	51,100 *	62.0	50,200								
85.0	51.8	40,300 *	56.5	47,100 *	59.2	46,500								
90.0	48.6	37,000 *	53.6	43,200 *	56.4	43,200	60.8	41,200						
95.0	45.3	34,300 *	50.5	39,500 *	53.4	40,300	58.0	39,000						
100.0	41.9	31,900 *	47.4	36,500 *	50.4	37,900	55.1	36,300						
110.0	34.0	27,700 *	40.4	31,500 *	43.8	33,500 *	49.0	32,100	53.7	30,400				
120.0	24.1	24,400	32.3	27,500	36.4	29,900	42.3	28,800	47.5	27,700				
130.0			21.6	24,200	27.2	26,200	34.6	26,000	40.6	24,900	45.8	24,200		
140.0							24.8	23,500	32.5	22,400	38.6	21,800	43.8	20,200
150.0									21.9	20,500	30.0	19,800	36.3	19,100
160.0											18.1	18,000	27.1	17,400
170.0														
180.0														
190.0														
200.0														
210.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

90 ft Boom														
Load Radius (ft)	130 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0	74.3	75,600 *												
48.0	73.4	73,400 *												
50.0	72.5	71,400 *												
55.0	70.1	66,500 *												
60.0	67.8	62,300 *												
65.0	65.4	58,600 *	69.2	65,000 *										
70.0	62.9	52,600 *	66.8	60,400 *										
75.0	60.4	47,800 *	64.4	55,300 *										
80.0	57.8	43,600 *	61.9	50,900 *	64.3	49,600 *								
85.0	55.2	39,900 *	59.4	46,700 *	61.8	46,200 *								
90.0	52.4	36,800 *	56.8	42,700 *	59.3	42,900 *								
95.0	49.6	34,100 *	54.1	39,200 *	56.7	40,100 *	60.7	38,100						
100.0	46.6	31,700 *	51.3	36,300 *	54.0	37,600 *	58.1	36,100						
110.0	40.1	27,500 *	45.4	31,300 *	48.3	33,200 *	52.8	31,900						
120.0	32.6	24,200 *	38.8	27,300 *	42.0	29,700 *	47.0	28,400	51.4	27,500				
130.0	23.1	21,300	31.0	24,000	34.9	26,000	40.6	25,500	45.5	24,900	49.9	23,100		
140.0			20.7	21,300	26.1	22,900	33.1	23,300	38.9	22,400	43.9	21,600		
150.0							23.8	21,100	31.2	20,500	37.0	19,600	41.9	18,700
160.0									21.0	18,700	28.8	17,800	34.8	17,100
170.0											17.4	16,500	26.0	15,800
180.0														
190.0														
200.0														
210.0														
Reeves	3													

90 ft Boom														
Load Radius (ft)	140 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0	73.8	61,000 *												
55.0	71.6	56,800 *												
60.0	69.4	53,300 *												
65.0	67.2	50,000 *												
70.0	65.0	47,100 *	68.6	52,000 *										
75.0	62.7	44,500 *	66.4	48,700 *										
80.0	60.4	42,300 *	64.1	46,000 *	66.2	48,700 *								
85.0	58.0	40,100 *	61.8	43,600 *	64.0	46,000 *								
90.0	55.5	37,000 *	59.4	41,400 *	61.7	42,700 *								
95.0	53.0	34,100 *	57.0	38,800 *	59.3	39,900 *								
100.0	50.4	31,700 *	54.5	35,900 *	56.9	37,200 *	60.7	35,200 *						
110.0	44.8	27,500 *	49.3	30,800 *	51.8	32,800 *	55.8	31,500 *						
120.0	38.6	24,200 *	43.6	26,800 *	46.4	29,300 *	50.7	28,200 *	54.6	26,400				
130.0	31.4	21,300 *	37.3	23,500 *	40.4	25,700 *	45.2	25,300	49.4	24,400				
140.0	22.2	18,900	29.8	20,900	33.6	22,700 *	39.0	22,900	43.8	22,200	48.0	21,100		
150.0			19.9	18,700 *	25.1	20,000 *	31.9	20,900	37.4	20,000	42.2	19,400	46.3	17,600
160.0							22.9	18,900	30.0	18,500	35.6	17,600	40.3	16,700
170.0									20.2	16,900	27.7	16,000	33.5	15,400
180.0											16.8	14,700	25.0	14,100
190.0														
200.0														
210.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

90 ft Boom														
150 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	72.9	46,900 *												
60.0	70.9	44,000 *												
65.0	68.8	41,400 *												
70.0	66.8	39,200 *												
75.0	64.7	37,000 *	68.0	40,500 *										
80.0	62.5	35,000 *	65.9	38,100 *										
85.0	60.3	33,200 *	63.8	36,100 *	65.8	38,100 *								
90.0	58.1	31,700 *	61.7	34,300 *	63.7	36,100 *								
95.0	55.8	30,200 *	59.5	32,600 *	61.6	34,100 *								
100.0	53.5	28,800 *	57.2	31,000 *	59.4	32,600 *								
110.0	48.5	26,400 *	52.5	28,400 *	54.8	29,500 *	58.4	31,300 *						
120.0	43.2	24,000 *	47.5	26,000 *	50.0	27,100 *	53.8	27,900 *						
130.0	37.2	20,700 *	42.1	24,000 *	44.7	24,900 *	48.9	25,100 *	52.6	24,200 *				
140.0	30.3	18,000 *	36.0	21,100 *	39.0	22,400 *	43.5	22,700 *	47.6	22,000 *	51.4	20,000		
150.0	21.5	15,800	28.8	18,700	32.4	19,800 *	37.6	20,500 *	42.2	19,800 *	46.3	18,900		
160.0			19.3	16,700 *	24.2	17,800 *	30.8	18,700 *	36.1	18,200 *	40.7	17,400	44.7	15,800
170.0							22.1	17,100 *	28.9	16,700 *	34.4	15,800	38.9	15,200
180.0									19.5	15,200 *	26.8	14,500	32.3	13,800
190.0											16.2	13,600	24.1	12,700
200.0														
210.0														
Reeves	2													

90 ft Boom														
160 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
30.0														
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	74.0	41,800 *												
60.0	72.1	39,200 *												
65.0	70.2	36,800 *												
70.0	68.3	34,600 *												
75.0	66.4	32,600 *	69.5	35,700 *										
80.0	64.4	30,800 *	67.5	33,700 *										
85.0	62.4	29,300 *	65.6	31,900 *										
90.0	60.3	27,700 *	63.6	30,200 *	65.5	31,700 *								
95.0	58.2	26,200 *	61.6	28,600 *	63.5	29,900 *								
100.0	56.1	25,100 *	59.5	27,300 *	61.5	28,600 *								
110.0	51.6	22,900 *	55.2	24,600 *	57.3	25,700 *	60.6	27,900 *						
120.0	46.9	20,900 *	50.7	22,400 *	52.9	23,500 *	56.4	25,300 *						
130.0	41.7	19,400 *	45.9	20,700 *	48.3	21,600 *	51.9	23,100 *	55.3	23,100 *				
140.0	36.0	16,900 *	40.7	19,100 *	43.2	19,800 *	47.2	21,100 *	50.8	21,600 *				
150.0	29.3	14,500 *	34.8	17,600 *	37.7	18,200 *	42.1	19,600 *	46.0	19,600 *	49.6	17,800 *		
160.0	20.8	12,700	27.8	16,500 *	31.3	16,900 *	36.4	18,000 *	40.8	17,800 *	44.7	17,100 *		
170.0			18.6	15,000 *	23.4	15,600 *	29.8	16,700 *	34.9	16,300 *	39.3	15,600 *	43.2	14,700
180.0							21.4	15,200 *	28.0	14,900 *	33.2	14,300 *	37.6	13,600
190.0									18.9	13,800 *	25.9	13,200 *	31.2	12,500 *
200.0											15.7	11,900 *	23.3	11,400 *
210.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

90 ft Boom														
Load Radius (ft)	170 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
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	73.2	33,900 *												
65.0	71.4	31,700 *												
70.0	69.6	29,700 *												
75.0	67.8	27,900 *												
80.0	66.0	26,400 *	68.9	28,800 *										
85.0	64.1	24,900 *	67.1	27,300 *										
90.0	62.2	23,500 *	65.3	25,700 *										
95.0	60.3	22,200 *	63.4	24,200 *	65.2	25,500 *								
100.0	58.3	21,100 *	61.5	23,100 *	63.3	24,200 *								
110.0	54.3	19,100 *	57.6	20,700 *	59.4	21,800 *								
120.0	50.0	17,400 *	53.4	18,900 *	55.4	19,800 *	58.6	21,300 *						
130.0	45.4	15,800 *	49.1	17,100 *	51.2	18,000 *	54.5	19,400 *						
140.0	40.4	14,500 *	44.5	15,600 *	46.7	16,500 *	50.3	17,600 *	53.5	18,900 *				
150.0	34.9	13,200 *	39.4	14,300 *	41.9	14,900 *	45.7	16,000 *	49.2	17,100 *				
160.0	28.4	11,200 *	33.7	13,200 *	36.5	13,800 *	40.8	14,700 *	44.6	15,800 *	48.0	16,700 *		
170.0	20.1	9,900	27.0	12,300 *	30.3	12,700 *	35.3	13,600 *	39.5	14,500 *	43.3	15,200 *		
180.0			18.1	11,400 *	22.7	11,900 *	28.9	12,500 *	33.8	13,400 *	38.1	13,800 *	41.8	13,200 *
190.0							20.7	11,600 *	27.1	12,500 *	32.2	12,700 *	36.4	12,100 *
200.0									18.3	11,600 *	25.1	11,900 *	30.3	11,000 *
210.0											15.2	11,400 *	22.6	10,100 *
Reeves	2													

Refer to notes on 70 to 71.



LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

100 ft Boom														
70 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0	72.7	104,400 *												
34.0	71.0	104,400 *												
36.0	69.2	104,400 *												
38.0	67.5	104,400 *												
40.0	65.7	104,400 *												
42.0	63.9	104,400 *												
44.0	62.0	104,400 *												
46.0	60.1	99,400 *	68.3	104,400 *										
48.0	58.2	93,200 *	66.5	100,300 *										
50.0	56.2	87,700 *	64.7	94,700 *										
55.0	51.1	76,100 *	60.0	83,700	64.9	82,000								
60.0	45.6	67,400 *	55.1	74,700	60.3	73,400								
65.0	39.5	60,100 *	49.9	67,400	55.4	66,300								
70.0	32.4	54,200 *	44.3	61,500	50.2	60,400	59.0	57,900						
75.0	23.4	49,100 *	38.0	56,200	44.6	55,300	54.1	53,500						
80.0			30.6	51,800	38.4	50,900	48.8	49,300						
85.0			21.0	48,000	31.1	47,100	43.0	45,600	52.5	43,600				
90.0					21.6	43,800	36.6	42,500	47.1	41,000				
95.0							28.9	39,600	41.1	38,300	50.6	36,500		
100.0							18.4	37,200	34.4	35,900	45.0	34,600		
110.0											31.6	30,600	42.4	29,100
120.0													27.9	26,400
130.0														
140.0														
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
Reeves	4													

100 ft Boom														
80 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0	73.4	104,400 *												
36.0	71.9	104,400 *												
38.0	70.4	104,400 *												
40.0	68.9	104,400 *												
42.0	67.3	104,400 *												
44.0	65.8	104,400 *												
46.0	64.2	99,200 *												
48.0	62.6	93,200 *												
50.0	60.9	87,700 *	68.0	94,500 *										
55.0	56.7	76,100 *	64.1	83,300										
60.0	52.3	67,200 *	60.0	74,500	64.3	72,900								
65.0	47.6	60,100 *	55.8	67,200	60.3	65,900								
70.0	42.5	54,200 *	51.3	61,000	56.0	59,900								
75.0	36.8	49,100 *	46.5	55,900	51.5	54,800	59.2	52,600						
80.0	30.2	44,900 *	41.3	51,500	46.8	50,700	54.9	48,900						
85.0	21.9	41,200 *	35.4	47,800	41.6	46,900	50.3	45,400						
90.0			28.5	44,000	35.8	43,600	45.4	42,300	53.5	40,100				
95.0			19.5	40,300	29.0	40,700	40.1	39,400	48.9	37,900				
100.0					20.2	38,100	34.1	37,000	43.9	35,400				
110.0							17.1	32,600	32.0	31,500	41.9	30,200	39.5	26,200
120.0											29.4	27,100	26.0	23,500
130.0														
140.0														
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

100 ft Boom														
Load Radius (ft)	90 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0	74.0	104,400 *												
38.0	72.7	104,400 *												
40.0	71.3	104,400 *												
42.0	70.0	104,400 *												
44.0	68.6	103,100 *												
46.0	67.2	99,200 *												
48.0	65.8	93,000 *												
50.0	64.4	87,700 *												
55.0	60.8	76,100 *	67.2	83,100										
60.0	57.1	67,200 *	63.6	74,500										
65.0	53.2	60,100 *	60.0	67,200	63.8	65,400								
70.0	49.1	54,200 *	56.2	61,000	60.2	59,700								
75.0	44.7	48,900 *	52.3	55,900	56.5	54,600								
80.0	39.9	44,800 *	48.1	51,500	52.5	50,400	59.2	48,200						
85.0	34.6	41,200 *	43.7	47,800	48.4	46,700	55.4	45,100						
90.0	28.4	37,900 *	38.8	44,500	43.9	43,400	51.5	42,100						
95.0	20.6	35,100 *	33.3	41,000	39.1	40,500	47.2	39,200	54.2	37,200				
100.0			26.8	37,900	33.6	38,100	42.7	36,800	50.2	35,200				
110.0					19.0	33,500	32.1	32,600	41.2	31,300	48.6	29,500		
120.0							16.1	29,100	30.1	27,900	39.4	26,800		
130.0											27.7	24,200	37.1	23,300
140.0													24.5	21,100
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
Reeves	4													

100 ft Boom														
Load Radius (ft)	100 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0	74.5	104,400 *												
40.0	73.3	104,400 *												
42.0	72.1	104,400 *												
44.0	70.8	102,000 *												
46.0	69.6	98,800 *												
48.0	68.4	92,800 *												
50.0	67.2	87,500 *												
55.0	64.0	75,600 *												
60.0	60.7	67,000 *	66.5	74,000										
65.0	57.4	59,900 *	63.3	67,000										
70.0	53.9	54,000 *	60.0	60,800	63.5	59,300								
75.0	50.2	48,700 *	56.6	55,700	60.2	54,400								
80.0	46.4	44,500 *	53.1	51,300	56.8	50,200								
85.0	42.3	41,000 *	49.4	47,600	53.3	46,500	59.3	44,500						
90.0	37.8	37,900 *	45.5	44,300	49.6	43,200	55.9	41,800						
95.0	32.7	34,800	41.3	40,800	45.7	40,300	52.4	39,000						
100.0	26.9	32,400 *	36.7	37,700	41.5	37,900	48.6	36,500	54.8	34,600				
110.0			25.4	32,400	31.8	33,500	40.4	32,400	47.4	31,000				
120.0					18.0	30,400	30.4	28,800	39.0	27,700	46.0	26,800	44.2	22,400
130.0							15.2	26,000	28.5	24,900	37.3	24,000	35.1	20,900
140.0											26.2	21,800	23.2	18,900
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

100 ft Boom														
Load Radius (ft)	110 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0	73.7	104,000 *												
44.0	72.7	100,900 *												
46.0	71.6	98,100 *												
48.0	70.4	92,500 *												
50.0	69.3	87,000 *												
55.0	66.5	75,600 *												
60.0	63.6	66,700 *	68.7	73,600										
65.0	60.7	59,700 *	65.9	66,500										
70.0	57.6	53,700 *	63.0	60,600	66.0	58,800								
75.0	54.5	48,700 *	60.0	55,500	63.2	54,400								
80.0	51.2	44,500 *	56.9	51,100	60.2	50,000								
85.0	47.7	40,700 *	53.8	47,300	57.1	46,500								
90.0	44.1	37,600 *	50.4	44,000	53.9	43,200	59.4	41,000						
95.0	40.2	34,800 *	47.0	40,700	50.6	40,300	56.3	38,500						
100.0	35.9	32,400 *	43.3	37,400	47.2	37,600	53.1	36,100						
110.0	25.6	28,200 *	34.9	32,400	39.5	33,500	46.2	31,900	52.1	30,600				
120.0			24.2	28,200	30.3	29,700	38.4	28,600	45.1	27,300	50.9	25,700		
130.0					17.1	26,400	28.9	25,700	37.1	24,600	43.7	23,800		
140.0							14.5	23,100	27.2	22,200	35.5	21,600	42.0	20,500
150.0											25.0	19,600	33.4	18,700
160.0													22.1	16,900
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
Reeves	4													

100 ft Boom														
Load Radius (ft)	120 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0	74.1	88,500 *												
46.0	73.1	87,500 *												
48.0	72.1	86,000 *												
50.0	71.1	83,900 *												
55.0	68.6	75,200 *												
60.0	66.0	66,500 *												
65.0	63.3	59,500 *	68.0	66,100 *										
70.0	60.6	53,500 *	65.4	60,400 *										
75.0	57.8	48,300 *	62.7	55,300	65.6	53,500								
80.0	55.0	44,100 *	60.0	50,900	62.9	49,800								
85.0	52.0	40,500 *	57.2	47,100	60.2	46,200								
90.0	48.9	37,400 *	54.3	43,600	57.4	42,900								
95.0	45.6	34,600 *	51.3	40,300	54.5	40,100	59.4	37,900						
100.0	42.1	32,100 *	48.1	37,300	51.5	37,400	56.6	35,900						
110.0	34.3	27,900	41.3	32,100	45.0	33,200	50.7	31,700	55.7	29,700				
120.0	24.5	24,400 *	33.4	27,900	37.7	29,700	44.1	28,400	49.7	27,100				
130.0			23.1	24,600	29.0	26,600	36.7	25,500	43.0	24,400	48.5	22,700		
140.0					16.4	23,500	27.6	23,100	35.4	22,000	41.7	21,100		
150.0									26.0	20,000	33.9	19,400	40.2	18,500
160.0											23.9	17,600	32.0	16,700
170.0													21.1	15,400
180.0														
190.0														
200.0														
210.0														
220.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

100 ft Boom														
Load Radius (ft)	130 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0	73.6	73,800 *												
50.0	72.6	71,800 *												
55.0	70.3	66,700 *												
60.0	67.9	62,600 *												
65.0	65.5	59,000 *												
70.0	63.1	53,100 *	67.4	59,700 *										
75.0	60.6	48,200 *	65.0	54,800 *										
80.0	58.0	43,800 *	62.5	50,700 *	65.1	49,100 *								
85.0	55.4	40,300 *	60.0	46,700 *	62.7	45,800 *								
90.0	52.6	37,000 *	57.4	43,400 *	60.2	42,700 *								
95.0	49.8	34,300 *	54.8	40,100 *	57.6	39,900								
100.0	46.8	31,700 *	52.0	37,000 *	54.9	37,200	59.5	35,000						
110.0	40.4	27,500 *	46.1	31,900 *	49.3	32,800	54.2	31,500						
120.0	32.9	24,200	39.6	27,700	43.2	29,300	48.5	28,200	53.3	27,100				
130.0	23.5	21,300	32.0	24,400	36.2	26,400	42.3	25,300	47.6	24,400				
140.0			22.2	21,600	27.8	23,500	35.2	22,900	41.3	22,000	46.5	20,900		
150.0					15.7	20,500	26.5	20,900	34.0	20,000	40.0	19,100	45.2	17,400
160.0									24.9	18,200	32.5	17,400	38.5	16,500
170.0											22.9	15,800	30.7	15,200
180.0													20.3	13,800
190.0														
200.0														
210.0														
220.0														
Reeves	3													

100 ft Boom														
Load Radius (ft)	140 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0	73.9	61,500 *												
55.0	71.8	57,000 *												
60.0	69.6	53,300 *												
65.0	67.4	50,200 *												
70.0	65.1	47,300 *	69.1	52,600 *										
75.0	62.9	44,700 *	66.9	49,300 *										
80.0	60.5	42,300 *	64.6	46,700 *										
85.0	58.1	40,300 *	62.4	44,300 *	64.8	44,900 *								
90.0	55.7	37,200 *	60.0	41,800 *	62.5	42,300 *								
95.0	53.2	34,400 *	57.6	39,700 *	60.1	39,400 *								
100.0	50.6	31,900 *	55.1	36,600 *	57.7	37,000 *								
110.0	45.0	27,700 *	50.0	31,500 *	52.7	32,600 *	57.1	31,000						
120.0	38.8	24,200 *	44.4	27,300 *	47.4	29,100 *	52.1	27,700	56.3	25,700				
130.0	31.7	21,300	38.1	24,000 *	41.5	26,200 *	46.6	24,900	51.3	24,000				
140.0	22.6	19,100 *	30.8	21,100 *	34.8	23,100 *	40.7	22,400	45.8	21,600	50.3	19,800		
150.0			21.4	18,900 *	26.8	20,500 *	33.9	20,500	39.7	19,600	44.7	18,700		
160.0					15.1	18,200 *	25.5	18,700	32.7	18,000	38.5	16,900	43.4	16,000
170.0									24.0	16,500	31.3	15,600	37.0	14,700
180.0											22.1	14,300	29.5	13,600 *
190.0													19.5	12,500 *
200.0														
210.0														
220.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

100 ft Boom														
150 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	73.0	47,100 *												
60.0	71.0	44,300 *												
65.0	69.0	41,600 *												
70.0	66.9	39,200 *												
75.0	64.8	37,000 *	68.5	41,000 *										
80.0	62.7	35,000 *	66.4	38,800 *										
85.0	60.5	33,200 *	64.3	36,500 *										
90.0	58.3	31,700 *	62.2	34,800 *	64.5	36,800 *								
95.0	56.0	30,200 *	60.0	32,800 *	62.3	34,800 *								
100.0	53.6	28,800 *	57.8	31,500 *	60.1	33,200 *								
110.0	48.7	26,400 *	53.1	28,600 *	55.6	29,900 *	59.6	30,200 *						
120.0	43.4	24,000 *	48.2	26,200 *	50.8	27,500 *	55.0	27,500 *						
130.0	37.5	21,100 *	42.8	24,200 *	45.7	25,300 *	50.2	24,600 *	54.3	22,900 *				
140.0	30.6	18,700 *	36.8	21,600 *	40.0	22,900 *	45.0	22,200 *	49.4	21,300 *				
150.0	21.8	16,700 *	29.7	19,100 *	33.6	20,200 *	39.2	20,200 *	44.1	19,400 *	48.5	18,500		
160.0			20.6	16,900 *	25.8	18,000 *	32.7	18,500 *	38.3	17,800	43.1	16,700		
170.0							24.6	16,900 *	31.6	16,300	37.1	15,400	41.9	14,300
180.0									23.2	14,900	30.2	14,100	35.7	13,200 *
190.0											21.3	13,000	28.5	12,300 *
200.0													18.8	11,200 *
210.0														
220.0														
Reeves	2													

100 ft Boom														
160 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	74.1	42,100 *												
60.0	72.2	39,200 *												
65.0	70.3	36,800 *												
70.0	68.4	34,800 *												
75.0	66.5	32,600 *												
80.0	64.5	30,800 *	68.0	34,100 *										
85.0	62.5	29,300 *	66.1	32,400 *										
90.0	60.5	27,700 *	64.1	30,600 *	66.2	32,400 *								
95.0	58.4	26,400 *	62.1	28,800 *	64.2	30,600 *								
100.0	56.2	25,100 *	60.0	27,500 *	62.2	29,100 *								
110.0	51.8	22,900 *	55.8	24,900 *	58.0	26,200 *								
120.0	47.1	20,900 *	51.3	22,700 *	53.7	23,800 *	57.5	26,000 *						
130.0	41.9	19,400 *	46.5	20,900 *	49.1	21,800 *	53.1	23,500 *						
140.0	36.2	17,800 *	41.3	19,100 *	44.1	20,000 *	48.5	21,600 *	52.4	21,100 *				
150.0	29.6	16,500 *	35.5	17,800 *	38.7	18,500 *	43.5	19,800 *	47.7	19,100 *				
160.0	21.1	15,200 *	28.8	16,500 *	32.5	17,100 *	37.9	18,500 *	42.6	17,400 *	46.8	16,500 *		
170.0			20.0	15,200 *	25.0	15,800 *	31.6	16,900 *	37.0	16,000 *	41.7	15,200 *	45.7	13,400 *
180.0							23.8	15,600 *	30.5	14,700 *	35.9	13,800 *	40.5	13,000 *
190.0									22.4	13,400 *	29.2	12,700 *	34.6	11,900 *
200.0											20.6	11,600 *	27.6	11,000 *
210.0													18.2	9,900 *
220.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

100 ft Boom														
Load Radius (ft)	170 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0														
60.0	73.3	33,900 *												
65.0	71.5	31,700 *												
70.0	69.8	29,900 *												
75.0	67.9	27,900 *												
80.0	66.1	26,400 *	69.4	29,300 *										
85.0	64.3	24,900 *	67.5	27,700 *										
90.0	62.4	23,500 *	65.7	26,200 *										
95.0	60.4	22,200 *	63.8	24,600 *	65.8	26,200 *								
100.0	58.5	21,300 *	61.9	23,300 *	63.9	24,600 *								
110.0	54.4	19,100 *	58.0	20,900 *	60.1	22,200 *								
120.0	50.1	17,400 *	54.0	19,100 *	56.1	20,000 *	59.6	22,000 *						
130.0	45.6	15,800 *	49.7	17,400 *	52.0	18,200 *	55.6	19,800 *						
140.0	40.6	14,700 *	45.1	15,800 *	47.5	16,700 *	51.4	18,000 *	55.0	19,600 *				
150.0	35.1	13,400 *	40.0	14,500 *	42.7	15,200 *	46.9	16,500 *	50.7	17,800 *				
160.0	28.7	12,500 *	34.4	13,400 *	37.5	14,100 *	42.1	15,200 *	46.2	16,300 *	49.9	15,800 *		
170.0	20.5	11,400 *	27.9	12,300 *	31.5	13,000 *	36.7	13,800 *	41.3	14,900 *	45.3	14,700 *		
180.0			19.4	11,400 *	24.2	12,100 *	30.6	12,700 *	35.9	13,800 *	40.4	13,400 *	44.3	12,300 *
190.0							23.1	11,900 *	29.6	12,700 *	34.8	12,300 *	39.2	11,400 *
200.0									21.7	11,900 *	28.3	11,400 *	33.5	10,500 *
210.0											20.0	10,300 *	26.7	9,400 *
220.0													17.7	8,800 *
Reeves	2													

Refer to notes on 70 to 71.



LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

110 ft Boom														
Load Radius (ft)	70 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0	73.0	104,400 *												
34.0	71.3	104,400 *												
36.0	69.5	104,400 *												
38.0	67.8	104,400 *												
40.0	66.0	104,400 *												
42.0	64.2	104,400 *												
44.0	62.3	104,400 *												
46.0	60.5	100,700 *	69.3	104,400 *										
48.0	58.5	94,300 *	67.6	99,600 *										
50.0	56.6	88,800 *	65.8	94,300 *										
55.0	51.5	76,900 *	61.2	83,300	66.5	81,300								
60.0	46.0	67,900 *	56.4	74,200	61.9	72,700								
65.0	39.9	60,600 *	51.2	67,000	57.1	65,600								
70.0	32.9	54,600 *	45.7	61,000	52.1	59,700								
75.0	24.2	49,300 *	39.6	55,900	46.6	54,800	56.7	52,700						
80.0			32.5	51,500	40.6	50,400	51.6	48,700						
85.0			23.7	47,600	33.8	46,700	46.1	45,100	56.0	42,700				
90.0					25.3	43,400	40.0	41,800	50.8	40,300				
95.0							33.0	39,200	45.3	37,400				
100.0							24.3	36,800	39.1	35,200	49.7	33,200		
110.0									22.9	30,800	37.8	29,700	35.8	25,700
120.0											20.5	26,800	16.9	23,100
130.0														
140.0														
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
Reeves	4													

110 ft Boom														
Load Radius (ft)	80 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0	73.7	104,400 *												
36.0	72.2	104,400 *												
38.0	70.7	104,400 *												
40.0	69.2	104,400 *												
42.0	67.6	104,400 *												
44.0	66.0	104,400 *												
46.0	64.5	100,500 *												
48.0	62.9	94,300 *												
50.0	61.2	88,800 *	69.0	94,100 *										
55.0	57.0	76,900 *	65.1	82,800										
60.0	52.6	67,900 *	61.0	74,000	65.7	72,300								
65.0	47.9	60,600 *	56.8	66,700	61.7	65,400								
70.0	42.8	54,600 *	52.4	60,800	57.5	59,500								
75.0	37.2	49,400 *	47.7	55,500	53.1	54,400	61.3	52,000						
80.0	30.7	45,100 *	42.6	51,300	48.5	50,200	57.1	48,200						
85.0	22.5	41,400 *	36.9	47,300	43.4	46,500	52.7	44,700						
90.0			30.3	44,000	37.9	43,200	48.0	41,600						
95.0			22.1	41,200	31.5	40,300	42.9	38,800	52.1	37,000				
100.0					23.6	37,900	37.3	36,300	47.3	34,800				
110.0							22.7	31,900	36.5	30,800	46.3	29,500		
120.0									21.3	27,300	35.2	26,200	44.9	24,600
130.0											19.2	23,800	33.4	22,700
140.0													15.7	20,500
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

110 ft Boom														
Load Radius (ft)	90 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0	74.2	104,400 *												
38.0	72.9	104,400 *												
40.0	71.6	104,400 *												
42.0	70.2	104,400 *												
44.0	68.9	103,600 *												
46.0	67.5	100,500 *												
48.0	66.1	94,300 *												
50.0	64.7	88,600 *												
55.0	61.1	76,700 *	68.0	82,600										
60.0	57.4	67,900 *	64.5	74,000										
65.0	53.5	60,600 *	60.9	66,700	65.1	64,800								
70.0	49.4	54,600 *	57.2	60,800	61.5	59,300								
75.0	45.0	49,400 *	53.3	55,700	57.8	54,200								
80.0	40.3	45,100 *	49.2	51,300	53.9	50,000	61.2	47,600						
85.0	35.0	41,400 *	44.8	47,600	49.8	46,200	57.4	44,500						
90.0	28.9	38,100 *	40.0	44,300	45.5	42,900	53.5	41,400						
95.0	21.2	35,200 *	34.7	41,200	40.8	40,100	49.5	38,500						
100.0			28.5	38,500	35.6	37,600	45.1	36,100	53.0	34,100				
110.0					22.2	33,000	35.1	32,100	44.4	30,600				
120.0							21.4	28,600	34.3	27,300	43.5	26,200		
130.0									20.1	24,600	33.1	23,500	42.2	21,800
140.0											18.0	21,300	31.4	20,500
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
Reeves	4													

110 ft Boom														
Load Radius (ft)	100 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0	73.5	104,400 *												
42.0	72.3	104,400 *												
44.0	71.1	102,500 *												
46.0	69.8	99,400 *												
48.0	68.6	94,100 *												
50.0	67.4	88,600 *												
55.0	64.2	76,500 *												
60.0	61.0	67,700 *	67.2	73,600										
65.0	57.6	60,400 *	64.1	66,500										
70.0	54.2	54,400 *	60.8	60,600	64.6	58,600								
75.0	50.5	49,200 *	57.5	55,500	61.3	54,200								
80.0	46.7	44,800 *	54.0	51,100	58.0	50,000								
85.0	42.6	41,200 *	50.3	47,300	54.6	46,200	61.0	43,600						
90.0	38.1	37,900 *	46.5	44,000	50.9	43,200	57.7	41,200						
95.0	33.1	35,100 *	42.3	41,000	47.1	40,100	54.2	38,300						
100.0	27.3	32,600 *	37.9	38,400	43.0	37,600	50.6	35,900						
110.0			27.0	33,000	33.7	33,200	42.6	31,900	50.1	30,400				
120.0					21.0	29,100	33.2	28,400	42.0	27,100	49.3	25,300		
130.0							20.2	25,300	32.4	24,400	41.1	23,300		
140.0									19.0	22,000	31.3	21,100	39.9	20,200
150.0											17.1	19,400	29.7	18,200
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

110 ft Boom														
110 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0	73.9	100,500 *												
44.0	72.8	97,200 *												
46.0	71.7	93,900 *												
48.0	70.6	90,200 *												
50.0	69.5	86,600 *												
55.0	66.7	76,300 *												
60.0	63.8	67,400 *	69.4	73,100										
65.0	60.9	60,100 *	66.6	66,300										
70.0	57.8	54,200 *	63.7	60,100										
75.0	54.7	48,900 *	60.7	55,100	64.2	53,300								
80.0	51.4	44,700 *	57.7	50,700	61.2	49,600								
85.0	48.0	41,000 *	54.5	46,900	58.2	46,000								
90.0	44.4	37,900 *	51.3	43,600	55.1	42,700	60.9	40,100						
95.0	40.5	35,000 *	47.8	40,700	51.8	39,900	57.9	38,100						
100.0	36.2	32,400 *	44.2	38,100	48.4	37,400	54.8	35,700						
110.0	26.0	28,200 *	36.0	32,800	40.9	33,000	48.1	31,500	54.3	29,500				
120.0			25.7	28,600	32.1	29,500	40.5	28,200	47.6	26,600				
130.0					20.0	26,400	31.6	25,300	40.0	24,000	46.8	23,100		
140.0							19.3	22,700	30.9	21,800	39.1	20,900	45.8	18,900
150.0									18.1	19,800	29.8	18,900	38.0	18,000
160.0											16.3	17,100	28.3	16,300
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
Reeves	4													

110 ft Boom														
120 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0	74.3	83,300 *												
46.0	73.3	83,100 *												
48.0	72.3	82,900 *												
50.0	71.3	82,200 *												
55.0	68.8	76,100 *												
60.0	66.2	67,200 *												
65.0	63.5	59,900 *	68.6	65,600 *										
70.0	60.8	54,000 *	66.0	59,900 *										
75.0	58.0	48,700 *	63.4	54,800	66.5	53,100								
80.0	55.2	44,500 *	60.7	50,400	63.8	49,300								
85.0	52.2	40,700 *	57.9	46,700	61.1	45,600								
90.0	49.1	37,600 *	55.0	43,400	58.3	42,500								
95.0	45.8	34,600 *	52.0	40,500	55.5	39,600	60.9	37,200						
100.0	42.4	32,100 *	48.9	37,900	52.5	37,200	58.1	35,200						
110.0	34.6	27,900 *	42.2	32,800	46.2	32,800	52.2	31,300						
120.0	24.9	24,600 *	34.4	28,400	39.1	29,300	45.9	27,700	51.8	26,600				
130.0			24.6	24,900	30.7	26,400	38.7	25,100	45.4	24,000	51.2	22,000		
140.0					19.1	23,800	30.2	22,700	38.2	21,800	44.7	20,500		
150.0							18.4	20,500	29.5	19,800	37.4	18,700	43.8	16,900
160.0									17.3	18,000	28.5	17,100	36.3	16,000
170.0											15.5	15,400	27.1	14,700 *
180.0														
190.0														
200.0														
210.0														
220.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

110 ft Boom														
Load Radius (ft)	130 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0	73.7	74,000 *												
50.0	72.8	72,000 *												
55.0	70.5	67,000 *												
60.0	68.1	63,000 *												
65.0	65.7	59,300 *												
70.0	63.3	53,500 *	68.0	59,500 *										
75.0	60.8	48,500 *	65.6	54,600 *										
80.0	58.2	44,300 *	63.1	50,200 *	66.0	48,500 *								
85.0	55.5	40,500 *	60.6	46,500 *	63.5	45,400 *								
90.0	52.8	37,200 *	58.1	43,200 *	61.0	42,300 *								
95.0	50.0	34,300 *	55.4	40,300 *	58.5	39,400 *								
100.0	47.0	31,900 *	52.7	37,600 *	55.8	36,800 *	60.8	34,300 *						
110.0	40.6	27,700 *	46.9	32,400 *	50.3	32,600 *	55.6	31,000 *						
120.0	33.2	24,200 *	40.4	28,200 *	44.3	29,100 *	50.0	27,500 *	55.2	25,500 *				
130.0	23.9	21,600 *	33.0	24,600 *	37.5	26,200 *	44.0	24,900 *	49.6	23,800 *				
140.0			23.6	21,800 *	29.4	23,800 *	37.1	22,400 *	43.5	21,600 *	49.0	19,600 *		
150.0					18.4	21,600 *	29.0	20,500 *	36.6	19,600 *	42.9	18,500 *		
160.0							17.7	18,700 *	28.3	17,800 *	35.9	16,700 *	41.9	15,800 *
170.0									16.6	16,500 *	27.4	15,400 *	34.8	14,500 *
180.0											14.9	14,100 *	26.0	13,400 *
190.0														
200.0														
210.0														
220.0														
Reeves	3													

110 ft Boom														
Load Radius (ft)	140 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0	74.1	61,700 *												
55.0	71.9	57,300 *												
60.0	69.7	53,500 *												
65.0	67.5	50,400 *												
70.0	65.3	47,600 *												
75.0	63.0	44,700 *	67.4	50,200 *										
80.0	60.7	42,500 *	65.2	47,300 *										
85.0	58.3	40,300 *	62.9	44,700 *	65.6	44,500 *								
90.0	55.9	37,600 *	60.6	42,500 *	63.3	41,800 *								
95.0	53.3	34,600 *	58.2	40,300 *	61.0	39,000 *								
100.0	50.7	32,100 *	55.8	37,600 *	58.6	36,500 *								
110.0	45.2	27,900 *	50.6	32,800 *	53.6	32,100 *	58.4	30,600 *						
120.0	39.1	24,400 *	45.1	28,400 *	48.3	28,600 *	53.4	27,300 *						
130.0	32.0	21,600 *	38.9	24,900 *	42.6	25,700 *	48.1	24,400 *	53.0	23,300 *				
140.0	23.0	19,100 *	31.8	22,000 *	36.1	23,300 *	42.3	22,000 *	47.7	21,100 *				
150.0			22.7	19,600 *	28.3	20,900 *	35.7	20,000 *	41.8	19,100 *	47.1	18,000 *		
160.0					17.7	18,700 *	27.9	18,200 *	35.2	17,400 *	41.2	16,500 *	46.3	14,700 *
170.0							17.0	17,100 *	27.3	16,000 *	34.5	14,900 *	40.3	14,100 *
180.0									16.0	14,700 *	26.3	13,800 *	33.5	13,000 *
190.0													25.0	11,900 *
200.0														
210.0														
220.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

110 ft Boom														
Load Radius (ft)	150 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	73.2	47,300 *												
60.0	71.2	44,500 *												
65.0	69.1	41,800 *												
70.0	67.1	39,400 *												
75.0	65.0	37,200 *	69.0	41,600 *										
80.0	62.8	35,200 *	67.0	39,200 *										
85.0	60.7	33,500 *	64.9	37,000 *										
90.0	58.4	31,700 *	62.7	35,200 *	65.2	37,400 *								
95.0	56.2	30,200 *	60.5	33,200 *	63.1	35,400 *								
100.0	53.8	29,100 *	58.3	31,700 *	60.9	33,700 *								
110.0	48.9	26,400 *	53.7	28,800 *	56.4	30,400 *	60.7	29,700 *						
120.0	43.6	24,200 *	48.8	26,400 *	51.7	27,900 *	56.2	26,800 *						
130.0	37.7	21,300 *	43.4	24,400 *	46.6	25,500 *	51.4	24,200 *	55.9	22,200				
140.0	30.8	18,900 *	37.5	21,800 *	41.1	23,100 *	46.4	21,800 *	51.1	20,900				
150.0	22.2	16,700 *	30.7	19,400 *	34.8	20,700 *	40.8	19,800 *	46.0	18,900	50.6	16,900		
160.0			21.9	17,100 *	27.3	18,500 *	34.5	18,000 *	40.4	17,100	45.4	16,300		
170.0					17.1	16,300 *	26.9	16,500 *	34.0	15,800	39.8	14,700	44.7	13,000 *
180.0							16.4	15,200 *	26.3	14,500	33.3	13,600 *	38.9	12,700 *
190.0									15.4	13,200	25.4	12,500 *	32.3	11,400 *
200.0													24.1	10,500 *
210.0														
220.0														
Reeves	2													

110 ft Boom														
Load Radius (ft)	160 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	74.2	42,100 *												
60.0	72.4	39,400 *												
65.0	70.5	37,000 *												
70.0	68.6	34,800 *												
75.0	66.6	32,800 *												
80.0	64.7	31,000 *	68.5	34,600 *										
85.0	62.7	29,300 *	66.5	32,600 *										
90.0	60.6	27,900 *	64.6	30,800 *										
95.0	58.5	26,400 *	62.6	29,300 *	64.9	31,000 *								
100.0	56.4	25,300 *	60.5	27,700 *	62.9	29,500 *								
110.0	52.0	22,900 *	56.3	25,100 *	58.8	26,600 *								
120.0	47.2	21,100 *	51.9	22,900 *	54.5	24,200 *	58.6	26,600 *						
130.0	42.1	19,400 *	47.1	20,900 *	49.9	22,000 *	54.3	24,000 *						
140.0	36.4	17,800 *	42.0	19,400 *	45.0	20,200 *	49.7	21,800 *	53.9	20,500 *				
150.0	29.8	16,500 *	36.3	17,800 *	39.7	18,700 *	44.8	19,800 *	49.4	18,700 *				
160.0	21.5	15,200 *	29.7	16,700 *	33.6	17,400 *	39.4	18,000 *	44.4	16,900 *	48.9	15,800		
170.0			21.2	15,200 *	26.4	16,300 *	33.3	16,500 *	39.0	15,600 *	43.9	14,500		
180.0					16.5	14,100 *	26.0	15,200 *	32.9	14,300 *	38.4	13,200 *	43.2	11,900 *
190.0							15.9	13,800 *	25.5	13,000 *	32.2	12,100 *	37.6	11,200 *
200.0									14.9	12,100 *	24.6	11,200 *	31.2	10,100 *
210.0													23.3	9,200 *
220.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

110 ft Boom														
Load Radius (ft)	170 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0														
60.0	73.4	34,100 *												
65.0	71.7	31,900 *												
70.0	69.9	29,900 *												
75.0	68.1	27,900 *												
80.0	66.2	26,400 *												
85.0	64.4	25,100 *	68.0	27,900 *										
90.0	62.5	23,800 *	66.2	26,400 *										
95.0	60.6	22,400 *	64.3	24,900 *	66.5	26,600 *								
100.0	58.6	21,300 *	62.4	23,500 *	64.6	25,300 *								
110.0	54.6	19,100 *	58.5	21,100 *	60.8	22,700 *								
120.0	50.3	17,600 *	54.5	19,100 *	56.8	20,500 *	60.6	22,400 *						
130.0	45.7	16,000 *	50.2	17,400 *	52.7	18,500 *	56.7	20,200 *						
140.0	40.8	14,700 *	45.6	16,000 *	48.3	16,900 *	52.5	18,500 *	56.4	19,800 *				
150.0	35.3	13,400 *	40.7	14,700 *	43.6	15,400 *	48.1	16,700 *	52.2	18,200 *				
160.0	28.9	12,500 *	35.2	13,400 *	38.4	14,100 *	43.4	15,400 *	47.8	16,700 *				
170.0	20.8	11,400 *	28.7	12,500 *	32.6	13,000 *	38.2	14,100 *	43.0	15,200 *	47.3	14,100 *		
180.0			20.6	11,600 *	25.6	12,100 *	32.3	13,000 *	37.8	13,800 *	42.5	13,000 *		
190.0					16.0	11,200 *	25.2	12,100 *	31.9	12,700 *	37.2	11,900 *	41.8	10,800 *
200.0							15.4	11,400 *	24.7	11,600 *	31.2	10,800 *	36.4	9,700 *
210.0											23.8	9,900 *	30.3	8,800 *
220.0													22.6	8,100 *
Reeves	2													

Refer to notes on 70 to 71.



LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

120 ft Boom														
Load Radius (ft)	70 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0	73.3	104,400 *												
34.0	71.6	104,400 *												
36.0	69.8	104,400 *												
38.0	68.1	104,400 *												
40.0	66.3	104,400 *												
42.0	64.5	104,400 *												
44.0	62.7	104,400 *												
46.0	60.8	100,000 *												
48.0	58.9	95,400 *	68.6	99,200 *										
50.0	56.9	89,900 *	66.9	93,900 *										
55.0	51.9	77,600 *	62.3	82,800										
60.0	46.4	68,600 *	57.6	73,800	63.5	72,000								
65.0	40.4	61,200 *	52.5	66,700	58.8	65,200								
70.0	33.4	54,800 *	47.1	60,600	53.9	59,300								
75.0	24.9	49,600 *	41.2	55,500	48.6	54,400	59.2	51,500						
80.0			34.4	51,100	42.8	50,000	54.3	48,000						
85.0			26.1	47,300	36.3	46,200	49.0	44,500						
90.0					28.5	43,200	43.3	41,400	54.4	39,000				
95.0					17.8	40,300	36.8	38,500	49.1	36,800				
100.0							29.2	36,100	43.4	34,600				
110.0									29.4	30,600	43.2	29,100		
120.0											29.0	26,000	42.4	24,200
130.0													27.9	22,400
140.0														
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
Reeves	4													

120 ft Boom														
Load Radius (ft)	80 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0	74.0	104,400 *												
36.0	72.5	104,400 *												
38.0	71.0	104,400 *												
40.0	69.4	104,400 *												
42.0	67.9	104,400 *												
44.0	66.3	104,200 *												
46.0	64.7	99,800 *												
48.0	63.1	95,400 *												
50.0	61.5	89,700 *												
55.0	57.3	77,600 *	66.0	82,400										
60.0	52.9	68,600 *	62.0	73,800										
65.0	48.3	61,200 *	57.9	66,500	63.1	64,500								
70.0	43.2	55,100 *	53.5	60,600	59.0	58,800								
75.0	37.6	49,600 *	48.9	55,500	54.7	54,000								
80.0	31.2	45,400 *	43.9	51,100	50.1	49,800	59.3	47,100						
85.0	23.2	41,600 *	38.4	47,300	45.2	46,000	55.0	44,000						
90.0			32.1	44,000	39.9	42,700	50.5	41,000						
95.0			24.3	41,200	33.8	40,100	45.6	38,300	55.1	35,900				
100.0					26.6	37,400	40.3	35,900	50.6	34,100				
110.0							27.2	31,700	40.4	30,200	50.4	28,200		
120.0									27.4	26,800	40.2	25,700		
130.0											27.1	23,100	39.5	22,000
140.0													26.0	19,800
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

120 ft Boom														
Load Radius (ft)	90 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0	74.5	104,400 *												
38.0	73.1	104,400 *												
40.0	71.8	104,400 *												
42.0	70.5	104,400 *												
44.0	69.1	104,000 *												
46.0	67.7	99,800 *												
48.0	66.3	95,400 *												
50.0	64.9	89,700 *												
55.0	61.3	77,600 *	68.8	82,200										
60.0	57.6	68,600 *	65.4	73,600										
65.0	53.8	61,100 *	61.8	66,300	66.3	64,300								
70.0	49.7	55,100 *	58.1	60,400	62.8	58,600								
75.0	45.3	49,600 *	54.2	55,300	59.1	53,700								
80.0	40.6	45,400 *	50.2	50,900	55.3	49,600								
85.0	35.4	41,600 *	45.9	47,100	51.3	45,800	59.4	43,400						
90.0	29.3	38,300 *	41.2	43,800	47.0	42,700	55.6	40,700						
95.0	21.8	35,400 *	36.1	41,000	42.5	39,900	51.6	38,100						
100.0			30.2	38,300	37.5	37,200	47.4	35,700	55.7	33,200				
110.0					25.0	33,000	37.9	31,500	47.5	29,900				
120.0							25.6	28,200	38.0	26,600	47.3	24,900		
130.0									25.8	24,000	37.8	22,900		
140.0											25.5	20,900	37.1	19,600
150.0													24.5	17,800
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
Reeves	4													

120 ft Boom														
Load Radius (ft)	100 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0	73.7	104,400 *												
42.0	72.5	103,000 *												
44.0	71.3	101,400 *												
46.0	70.1	99,400 *												
48.0	68.8	94,100 *												
50.0	67.6	89,100 *												
55.0	64.4	77,200 *												
60.0	61.2	68,100 *	68.0	73,100										
65.0	57.9	60,800 *	64.8	66,100										
70.0	54.4	54,800 *	61.6	60,100	65.7	58,200								
75.0	50.8	49,400 *	58.3	55,100	62.5	53,700								
80.0	46.9	45,200 *	54.8	50,700	59.2	49,600								
85.0	42.8	41,400 *	51.2	46,900	55.8	45,800								
90.0	38.4	38,100 *	47.4	43,600	52.2	42,700	59.4	39,900						
95.0	33.5	35,300 *	43.4	40,700	48.5	39,900	56.0	37,900						
100.0	27.8	32,600 *	39.0	38,300	44.5	37,200	52.5	35,400						
110.0			28.5	33,700	35.5	33,000	44.8	31,300	52.6	29,700				
120.0					23.7	29,500	35.9	27,900	44.9	26,400				
130.0							24.2	25,100	36.0	23,800	44.7	22,700		
140.0									24.4	21,600	35.8	20,700	44.2	18,700
150.0											24.1	18,700	35.1	17,600
160.0													23.2	16,000
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

120 ft Boom														
110 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0	74.1	90,800 *												
44.0	73.0	89,500 *												
46.0	71.9	88,200 *												
48.0	70.8	87,100 *												
50.0	69.7	86,000 *												
55.0	66.9	77,200 *												
60.0	64.0	68,100 *												
65.0	61.1	60,600 *	67.3	65,400										
70.0	58.1	54,600 *	64.4	59,900										
75.0	54.9	49,300 *	61.5	54,800	65.2	52,900								
80.0	51.7	44,900 *	58.5	50,400	62.3	49,100								
85.0	48.2	41,200 *	55.3	46,700	59.3	45,600								
90.0	44.6	37,900 *	52.1	43,400	56.2	42,300								
95.0	40.7	35,000 *	48.7	40,500	53.0	39,400	59.5	36,800						
100.0	36.5	32,600 *	45.1	37,900	49.6	37,000	56.4	35,000						
110.0	26.4	28,200 *	37.1	33,500	42.3	32,800	49.9	31,000						
120.0			27.2	29,100	33.8	29,300	42.6	27,700	49.9	26,400				
130.0					22.5	26,400	34.1	24,900	42.7	23,800	49.8	21,600		
140.0							23.1	22,400	34.2	21,300	42.5	20,200	42.0	17,100 *
150.0									23.2	19,600	34.0	18,200	33.4	15,600 *
160.0											23.0	16,700	22.1	14,300 *
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
Reeves	4													

120 ft Boom														
120 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0	73.5	78,500 *												
48.0	72.5	78,400 *												
50.0	71.5	78,100 *												
55.0	68.9	75,000 *												
60.0	66.4	67,700 *												
65.0	63.7	60,400 *	69.3	65,200 *										
70.0	61.0	54,200 *	66.7	59,500										
75.0	58.2	48,900 *	64.0	54,400										
80.0	55.4	44,700 *	61.4	50,200	64.7	48,200								
85.0	52.4	41,000 *	58.6	46,500	62.1	45,100								
90.0	49.3	37,600 *	55.7	43,200	59.3	42,100								
95.0	46.0	34,800 *	52.8	40,300	56.5	39,200								
100.0	42.6	32,400 *	49.7	37,600	53.6	36,800	59.5	34,100						
110.0	34.9	28,200 *	43.1	33,200	47.3	32,600	53.8	30,600						
120.0	25.3	24,600 *	35.4	28,800	40.4	29,100	47.6	27,300	53.9	25,300				
130.0			26.0	25,300	32.3	26,200	40.7	24,600	47.7	23,500				
140.0					21.6	23,500	32.6	22,200	40.8	21,100	47.5	20,000		
150.0							22.1	20,200	32.7	19,400	40.6	18,000		
160.0									22.2	17,600	32.5	16,500	40.2	15,400 *
170.0											21.9	15,200	32.0	14,100 *
180.0													21.1	13,000 *
190.0														
200.0														
210.0														
220.0														
230.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

120 ft Boom														
Load Radius (ft)	130 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0	73.9	69,400 *												
50.0	73.0	69,400 *												
55.0	70.6	67,200 *												
60.0	68.3	63,200 *												
65.0	65.9	59,500 *												
70.0	63.4	54,000 *	68.6	59,000 *										
75.0	60.9	48,900 *	66.2	54,200 *										
80.0	58.4	44,500 *	63.7	50,000 *										
85.0	55.7	40,700 *	61.2	46,200 *	64.4	44,300								
90.0	53.0	37,400 *	58.7	42,900 *	61.9	41,800								
95.0	50.2	34,600 *	56.1	39,900 *	59.4	39,000								
100.0	47.2	32,100 *	53.4	37,400 *	56.8	36,500								
110.0	40.8	27,700 *	47.6	33,000	51.3	32,100	57.0	30,400						
120.0	33.5	24,400 *	41.3	28,600	45.4	28,800	51.5	27,100						
130.0	24.3	21,600 *	34.0	25,100	38.7	25,700	45.6	24,400	51.6	23,100				
140.0			24.9	22,200	30.9	23,300	39.0	22,000	45.7	20,900				
150.0					20.7	21,100	31.3	20,000	39.1	19,100	45.5	17,800		
160.0							21.2	18,200	31.4	17,400	38.9	16,300	45.2	14,300 *
170.0									21.3	16,000	31.2	14,900 *	38.5	13,800 *
180.0											21.1	13,600 *	30.7	12,700 *
190.0													20.3	11,600 *
200.0														
210.0														
220.0														
230.0														
Reeves	3													

120 ft Boom														
Load Radius (ft)	140 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0	74.2	61,900 *												
55.0	72.1	57,500 *												
60.0	69.9	53,700 *												
65.0	67.7	50,700 *												
70.0	65.5	47,600 *												
75.0	63.2	44,900 *	68.0	50,900 *										
80.0	60.9	42,500 *	65.7	48,000 *										
85.0	58.5	40,500 *	63.5	45,400 *	66.3	44,000 *								
90.0	56.0	37,900 *	61.2	42,900 *	64.1	41,400 *								
95.0	53.5	34,800 *	58.8	39,900 *	61.8	38,500 *								
100.0	50.9	32,400 *	56.4	37,400 *	59.4	36,100 *								
110.0	45.4	27,900 *	51.3	33,000 *	54.5	31,900 *	59.6	29,300						
120.0	39.3	24,400 *	45.8	29,100 *	49.3	28,400 *	54.7	27,100						
130.0	32.2	21,600 *	39.7	25,300 *	43.6	25,500 *	49.5	24,200	54.8	21,800				
140.0	23.4	19,100 *	32.7	22,400 *	37.3	23,100 *	43.8	21,800	49.6	20,500				
150.0			24.0	19,800 *	29.8	20,900	37.5	20,000	43.9	18,700	49.5	16,500		
160.0					19.9	18,900	30.1	18,200	37.6	16,900	43.8	15,800		
170.0							20.4	16,500	30.2	15,600	37.5	14,500 *	43.4	13,200 *
180.0									20.5	14,300	30.0	13,200 *	37.0	12,300 *
190.0											20.3	12,100 *	29.5	11,200 *
200.0													19.5	10,100 *
210.0														
220.0														
230.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

120 ft Boom														
Load Radius (ft)	150 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	73.3	47,600 *												
60.0	71.3	44,500 *												
65.0	69.3	41,800 *												
70.0	67.2	39,400 *												
75.0	65.1	37,200 *	69.5	42,100 *										
80.0	63.0	35,200 *	67.5	39,600 *										
85.0	60.8	33,500 *	65.4	37,600 *										
90.0	58.6	31,900 *	63.2	35,700 *	65.9	38,100 *								
95.0	56.3	30,400 *	61.1	33,700 *	63.8	35,900 *								
100.0	54.0	29,100 *	58.9	32,100 *	61.7	34,300 *								
110.0	49.1	26,400 *	54.3	29,100 *	57.2	31,000 *								
120.0	43.8	24,200 *	49.4	26,600 *	52.5	28,200 *	57.4	26,800 *						
130.0	37.9	21,300 *	44.1	24,600 *	47.5	25,300 *	52.7	24,000 *						
140.0	31.1	18,900 *	38.3	22,200 *	42.1	22,900 *	47.7	21,800 *						
150.0	22.5	16,900 *	31.6	19,600 *	35.9	20,700 *	42.3	19,800 *	52.8	20,200				
160.0			23.2	17,400 *	28.7	18,900 *	36.2	18,000 *	47.8	18,500	47.7	15,400		
170.0					19.2	16,700 *	29.0	16,500 *	42.3	16,700	42.2	14,300 *		
180.0							19.7	14,900 *	36.3	15,400	36.1	13,000 *	41.9	11,400 *
190.0									29.1	14,100	29.0	11,900 *	35.7	10,800 *
200.0									19.8	12,700	19.6	11,000 *	28.5	9,900 *
210.0													18.8	9,000 *
220.0														
230.0														
Reeves	2													

120 ft Boom														
Load Radius (ft)	160 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	74.4	42,300 *												
60.0	72.5	39,600 *												
65.0	70.6	37,200 *												
70.0	68.7	35,000 *												
75.0	66.8	32,800 *												
80.0	64.8	31,000 *	68.9	35,000 *										
85.0	62.8	29,500 *	67.0	33,000 *										
90.0	60.8	27,900 *	65.0	31,300 *										
95.0	58.7	26,400 *	63.0	29,500 *	65.6	31,700 *								
100.0	56.5	25,300 *	61.0	28,200 *	63.6	30,200 *								
110.0	52.1	22,900 *	56.8	25,500 *	59.5	27,100 *								
120.0	47.4	21,100 *	52.4	23,100 *	55.2	24,600 *	59.7	25,500 *						
130.0	42.3	19,400 *	47.7	21,100 *	50.7	22,400 *	55.4	23,800 *						
140.0	36.6	17,800 *	42.6	19,600 *	45.9	20,700 *	50.9	21,300 *	55.4	18,900 *				
150.0	30.1	16,500 *	37.0	18,000 *	40.7	18,900 *	46.1	19,400 *	51.0	18,000 *				
160.0	21.8	15,400 *	30.5	16,700 *	34.8	17,600 *	40.9	17,800 *	46.2	16,500 *	50.9	14,300 *		
170.0			22.4	15,400 *	27.8	16,300 *	35.0	16,300 *	40.9	15,200 *	46.1	13,800 *		
180.0					18.6	14,500 *	28.1	14,900 *	35.1	13,800 *	40.8	12,700 *	45.7	10,500 *
190.0							19.0	13,600 *	28.2	12,700 *	34.9	11,600 *	40.5	10,500 *
200.0									19.2	11,400 *	28.0	10,500 *	34.6	9,400 *
210.0											18.9	9,700 *	27.6	8,800 *
220.0													18.2	7,900 *
230.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

120 ft Boom														
Load Radius (ft)	170 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0														
60.0	73.6	34,100 *												
65.0	71.8	31,900 *												
70.0	70.0	29,900 *												
75.0	68.2	28,200 *												
80.0	66.4	26,600 *												
85.0	64.5	25,100 *	68.4	28,400 *										
90.0	62.6	23,800 *	66.6	26,800 *										
95.0	60.7	22,400 *	64.8	25,100 *										
100.0	58.8	21,300 *	62.9	24,000 *	65.2	25,700 *								
110.0	54.7	19,400 *	59.0	21,600 *	61.5	22,900 *								
120.0	50.5	17,600 *	55.0	19,400 *	57.5	20,700 *								
130.0	45.9	16,000 *	50.7	17,600 *	53.4	18,700 *	57.7	20,700 *						
140.0	41.0	14,700 *	46.2	16,000 *	49.1	17,100 *	53.6	18,900 *						
150.0	35.5	13,400 *	41.3	14,700 *	44.5	15,600 *	49.3	17,100 *	53.7	17,800 *				
160.0	29.2	12,500 *	35.9	13,600 *	39.4	14,300 *	44.6	15,600 *	49.3	16,000 *				
170.0	21.1	11,400 *	29.6	12,500 *	33.7	13,200 *	39.6	14,500 *	44.7	14,700 *	49.2	13,600 *		
180.0			21.7	11,600 *	26.9	12,300 *	33.9	13,400 *	39.7	13,400 *	44.6	12,300 *		
190.0					18.0	11,400 *	27.2	12,300 *	34.0	12,300 *	39.5	11,200 *	44.3	9,700 *
200.0							18.4	10,500 *	27.3	11,400 *	33.9	10,100 *	39.2	9,000 *
210.0									18.6	10,100 *	27.2	9,200 *	33.5	8,100 *
220.0											18.4	8,300 *	26.7	7,400 *
230.0													17.7	6,800 *
Reeves	2													

Refer to notes on 70 to 71.



LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

130 ft Boom														
Load Radius (ft)	70 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0	73.6	104,400 *												
34.0	71.9	104,400 *												
36.0	70.2	104,400 *												
38.0	68.4	104,400 *												
40.0	66.6	104,400 *												
42.0	64.8	104,000 *												
44.0	63.0	99,600 *												
46.0	61.1	95,400 *												
48.0	59.2	91,700 *												
50.0	57.3	88,100 *	68.0	93,200 *										
55.0	52.2	78,500 *	63.4	82,200										
60.0	46.8	69,200 *	58.7	73,400	65.1	71,400								
65.0	40.8	61,700 *	53.8	66,300	60.5	64,500								
70.0	34.0	55,300 *	48.5	60,400	55.6	58,800								
75.0	25.5	50,000 *	42.7	55,300	50.5	53,700								
80.0			36.1	50,900	44.9	49,600	56.9	46,700						
85.0			28.3	47,100	38.6	45,800	51.8	43,800						
90.0			17.5	43,800	31.4	42,700	46.3	40,700						
95.0					22.1	39,900	40.3	38,100	52.8	35,400				
100.0							33.3	35,700	47.4	33,700				
110.0									34.7	29,900	48.1	27,700		
120.0									14.5	26,400	35.6	25,300		
130.0											16.4	22,700	35.8	21,600
140.0													16.9	19,600
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
Reeves	4													

130 ft Boom														
Load Radius (ft)	80 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0	74.2	104,400 *												
36.0	72.7	104,400 *												
38.0	71.2	104,400 *												
40.0	69.7	104,400 *												
42.0	68.1	103,300 *												
44.0	66.6	98,900 *												
46.0	65.0	94,700 *												
48.0	63.4	91,000 *												
50.0	61.8	87,500 *												
55.0	57.6	78,500 *	67.0	82,000										
60.0	53.2	69,200 *	63.0	73,400										
65.0	48.6	61,700 *	58.9	66,300	64.5	63,900								
70.0	43.6	55,300 *	54.6	60,100	60.4	58,400								
75.0	38.0	50,000 *	50.0	55,100	56.2	53,500								
80.0	31.7	45,600 *	45.1	50,900	51.7	49,300	61.4	46,500						
85.0	23.8	41,800 *	39.8	47,100	47.0	45,600	57.3	43,400						
90.0			33.7	43,800	41.8	42,500	52.9	40,300						
95.0			26.4	41,000	36.0	39,600	48.2	37,600						
100.0			16.3	38,300	29.3	37,000	43.1	35,200	53.7	32,800				
110.0							31.1	31,300	44.1	29,500				
120.0									32.4	26,400				
130.0											44.7	25,100		
140.0											33.2	22,400	44.9	20,500
150.0											15.3	20,200	33.4	19,100
160.0													15.7	17,400
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

130 ft Boom														
Load Radius (ft)	90 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0	73.4	104,400 *												
40.0	72.0	104,400 *												
42.0	70.7	103,100 *												
44.0	69.3	98,700 *												
46.0	68.0	94,500 *												
48.0	66.6	90,800 *												
50.0	65.2	87,300 *												
55.0	61.6	78,300 *												
60.0	57.9	69,000 *	66.2	72,900										
65.0	54.0	61,700 *	62.7	66,100										
70.0	50.0	55,300 *	59.0	59,900	64.0	57,900								
75.0	45.6	50,000 *	55.2	55,100	60.4	53,500								
80.0	40.9	45,600 *	51.2	50,700	56.6	49,300								
85.0	35.8	41,800 *	47.0	46,900	52.7	45,600	61.3	42,500						
90.0	29.8	38,500 *	42.4	43,600	48.6	42,500	57.6	40,100						
95.0	22.4	35,500 *	37.4	40,700	44.1	39,600	53.7	37,400						
100.0			31.7	38,100	39.3	37,200	49.6	35,000						
110.0			15.4	33,700	27.5	32,800	40.5	31,000	50.4	29,300				
120.0							29.2	27,700	41.5	26,200	50.9	24,000		
130.0									30.5	23,500	42.0	22,200		
140.0											31.2	20,200		
150.0													42.2	18,200
160.0													31.4	17,100 *
170.0													14.8	15,800 *
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
Reeves	4													

130 ft Boom														
Load Radius (ft)	100 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0	73.9	99,900 *												
42.0	72.7	97,400 *												
44.0	71.5	95,000 *												
46.0	70.3	92,600 *												
48.0	69.0	90,200 *												
50.0	67.8	86,800 *												
55.0	64.7	78,000 *												
60.0	61.4	68,800 *	68.7	72,700										
65.0	58.1	61,300 *	65.6	65,600										
70.0	54.6	55,300 *	62.4	59,700										
75.0	51.0	49,800 *	59.1	54,600	63.6	52,600								
80.0	47.2	45,400 *	55.7	50,400	60.3	49,100								
85.0	43.1	41,700 *	52.1	46,700	57.0	45,400								
90.0	38.7	38,400 *	48.4	43,400	53.5	42,300	61.2	39,200						
95.0	33.8	35,300 *	44.4	40,500	49.8	39,400	57.8	37,200						
100.0	28.2	32,800 *	40.1	37,900	45.9	37,000	54.3	34,800						
110.0			30.0	33,700	37.2	32,600	46.9	30,800	55.0	28,400				
120.0			14.5	31,000	26.1	29,300	38.3	27,500	47.6	26,200				
130.0							27.7	24,600	39.2	23,500	48.1	21,100		
140.0									28.8	21,300	39.8	20,000		
150.0											29.6	18,000		
160.0													39.9	16,900 *
170.0													29.7	15,400 *
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

130 ft Boom														
Load Radius (ft)	110 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	
32.0														
34.0														
36.0														
38.0														
40.0														
42.0	74.3	83,800 *												
44.0	73.2	83,300 *												
46.0	72.1	82,900 *												
48.0	71.0	82,500 *												
50.0	69.9	82,000 *												
55.0	67.1	78,000 *												
60.0	64.2	68,700 *												
65.0	61.3	61,200 *	68.0	65,000										
70.0	58.3	54,800 *	65.1	59,500										
75.0	55.1	49,800 *	62.2	54,400	66.2	52,200								
80.0	51.9	45,400 *	59.2	50,000	63.3	48,700								
85.0	48.5	41,400 *	56.1	46,200	60.3	45,100								
90.0	44.9	38,100 *	52.9	42,900	57.3	41,800								
95.0	41.0	35,200 *	49.5	40,100	54.1	39,000	61.1	36,100						
100.0	36.8	32,800 *	46.0	37,600	50.8	36,500	58.0	34,300						
110.0	26.8	28,400 *	38.1	33,200	43.6	32,400	51.6	30,400						
120.0			28.6	29,500	35.4	28,800	44.6	27,100	52.2	25,700				
130.0					24.8	26,000	36.5	24,400	45.3	23,100				
140.0							26.3	22,000	37.3	20,900	45.7	19,600		
150.0									27.5	18,900	37.8	17,800	45.8	
160.0											28.1	16,300	38.0	
170.0													28.3	
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
Reeves	3													

130 ft Boom														
120 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0	73.7	74,300 *												
48.0	72.7	73,900 *												
50.0	71.7	73,600 *												
55.0	69.1	72,200 *												
60.0	66.5	68,300 *												
65.0	63.9	61,000 *												
70.0	61.2	54,600 *	67.3	58,800										
75.0	58.4	49,400 *	64.7	54,400										
80.0	55.6	45,000 *	62.0	50,000	65.7	47,800								
85.0	52.6	41,200 *	59.3	46,500	63.0	44,700								
90.0	49.5	37,900 *	56.4	43,200	60.3	41,600								
95.0	46.3	35,000 *	53.5	40,100	57.5	38,800								
100.0	42.9	32,600 *	50.5	37,600	54.6	36,300	61.0	33,500						
110.0	35.2	28,200 *	43.9	33,200	48.5	32,100	55.3	30,200						
120.0	25.7	24,600 *	36.4	29,300	41.7	28,600	49.2	26,800	55.9	24,400				
130.0			27.3	25,800	33.8	25,700	42.6	24,200	49.9	22,900				
140.0					23.7	23,300	34.9	21,800	43.2	20,700	50.2	18,500		
150.0							25.2	19,800	35.6	18,700	43.6	17,400		
160.0									26.3	17,100	36.1	15,800 *	43.8	13,800 *
170.0											26.9	14,500 *	36.3	13,400 *
180.0													27.1	12,300 *
190.0														
200.0														
210.0														
220.0														
230.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

130 ft Boom														
Load Radius (ft)	130 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0	74.0	66,400 *												
50.0	73.1	66,100 *												
55.0	70.8	65,500 *												
60.0	68.4	63,400 *												
65.0	66.0	59,700 *												
70.0	63.6	54,400 *	69.1	58,600 *										
75.0	61.1	49,100 *	66.8	54,200 *										
80.0	58.5	44,700 *	64.3	49,800 *										
85.0	55.9	41,000 *	61.9	46,200 *	65.2	43,800								
90.0	53.2	37,600 *	59.3	42,900 *	62.8	41,400								
95.0	50.4	34,800 *	56.7	39,900 *	60.3	38,500								
100.0	47.4	32,100 *	54.0	37,400	57.7	36,100								
110.0	41.1	27,900 *	48.3	33,000	52.3	31,900	58.3	29,900						
120.0	33.8	24,400 *	42.1	29,100	46.4	28,400	53.0	26,600						
130.0	24.6	21,600 *	35.0	25,600	40.0	25,500	47.2	24,000	53.5	22,700				
140.0			26.2	22,500	32.4	23,100	40.8	21,600	47.8	20,500				
150.0					22.8	21,100	33.4	19,600	41.4	18,500	48.1	17,100		
160.0							24.2	18,000	34.2	16,900	41.8	15,600 *		
170.0									25.2	15,400	34.7	14,300 *	41.9	12,700 *
180.0											25.8	13,200 *	34.8	11,900 *
190.0													26.0	11,000 *
200.0														
210.0														
220.0														
230.0														
Reeves	3													

130 ft Boom														
Load Radius (ft)	140 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0	74.4	59,300 *												
55.0	72.2	57,700 *												
60.0	70.1	54,000 *												
65.0	67.9	50,700 *												
70.0	65.6	47,800 *												
75.0	63.3	44,900 *	68.5	51,500 *										
80.0	61.0	42,700 *	66.3	48,500 *										
85.0	58.7	40,500 *	64.0	45,800 *										
90.0	56.2	38,100 *	61.7	42,500 *	64.9	40,300 *								
95.0	53.7	35,000 *	59.4	39,600 *	62.6	38,100 *								
100.0	51.1	32,400 *	57.0	37,000 *	60.2	35,700 *								
110.0	45.6	28,200 *	51.9	32,800 *	55.4	31,500 *	60.8	28,800						
120.0	39.5	24,600 *	46.5	29,300 *	50.2	28,200 *	56.0	26,600						
130.0	32.5	21,600 *	40.5	25,700 *	44.6	25,300 *	50.9	23,800						
140.0	23.7	19,100 *	33.6	22,700 *	38.4	22,900	45.4	21,600	51.4	20,000				
150.0			25.2	20,000 *	31.2	20,700	39.2	19,600	45.9	18,000				
160.0					21.9	18,900	32.2	17,800	39.9	16,500	46.3	15,200 *		
170.0							23.3	16,300	32.9	15,200	40.2	13,800 *	46.3	11,600 *
180.0									24.3	13,800	33.4	12,700 *	40.3	11,400 *
190.0											24.8	11,600 *	33.5	10,300 *
200.0													25.0	9,400 *
210.0														
220.0														
230.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

130 ft Boom														
Load Radius (ft)	150 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	73.4	47,800 *												
60.0	71.4	44,700 *												
65.0	69.4	42,100 *												
70.0	67.3	39,600 *												
75.0	65.3	37,400 *												
80.0	63.1	35,400 *	68.0	40,300 *										
85.0	61.0	33,700 *	65.9	38,100 *										
90.0	58.7	31,900 *	63.8	36,100 *										
95.0	56.5	30,400 *	61.6	34,100 *	64.6	36,500 *								
100.0	54.1	29,100 *	59.4	32,600 *	62.4	34,800 *								
110.0	49.3	26,600 *	54.8	29,500 *	58.0	31,300 *								
120.0	44.0	24,400 *	50.0	27,100 *	53.4	27,700 *	58.6	26,200 *						
130.0	38.1	21,300 *	44.8	24,900 *	48.4	24,900 *	53.9	23,500 *						
140.0	31.4	18,900 *	39.0	22,400 *	43.0	22,400 *	49.0	21,300 *	54.4	18,700				
150.0	22.9	16,900 *	32.5	19,800 *	37.1	20,500 *	43.7	19,400 *	49.5	17,800				
160.0			24.3	17,600 *	30.1	18,700 *	37.8	17,600 *	44.3	16,300	49.8	13,800 *		
170.0					21.2	17,100 *	31.0	16,000	38.4	14,900	44.6	13,600 *		
180.0							22.5	14,700	31.7	13,600	38.8	12,500 *	44.7	10,100 *
190.0									23.4	12,500 *	32.2	11,400 *	38.9	10,100 *
200.0											24.0	10,300 *	32.3	9,200 *
210.0													24.1	8,300 *
220.0														
230.0														
Reeves	2													

130 ft Boom														
Load Radius (ft)	160 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	74.5	42,500 *												
60.0	72.6	39,600 *												
65.0	70.7	37,200 *												
70.0	68.8	35,000 *												
75.0	66.9	33,000 *												
80.0	64.9	31,000 *	69.4	35,700 *										
85.0	62.9	29,500 *	67.5	33,500 *										
90.0	60.9	27,900 *	65.5	31,700 *										
95.0	58.8	26,600 *	63.5	29,900 *	66.2	32,400 *								
100.0	56.7	25,300 *	61.5	28,400 *	64.3	30,600 *								
110.0	52.3	23,100 *	57.3	25,700 *	60.2	27,500 *								
120.0	47.6	21,100 *	53.0	23,300 *	56.0	24,900 *	60.7	24,900 *						
130.0	42.5	19,400 *	48.3	21,300 *	51.5	22,700 *	56.5	23,300 *						
140.0	36.9	17,800 *	43.3	19,600 *	46.8	20,900 *	52.1	20,900 *						
150.0	30.3	16,300 *	37.7	18,000 *	41.6	19,100 *	47.4	19,100 *	52.5	17,400				
160.0	22.1	15,400 *	31.4	16,900 *	35.8	17,800 *	42.3	17,400 *	47.8	16,000				
170.0			23.5	15,400 *	29.1	16,500 *	36.6	15,800 *	42.8	14,500	48.1	12,700 *		
180.0					20.5	15,200 *	30.0	14,500 *	37.2	13,400 *	43.1	12,100 *		
190.0							21.7	13,400 *	30.7	12,300 *	37.5	11,000 *	43.2	9,200 *
200.0									22.6	11,200 *	31.1	10,100 *	37.6	8,800 *
210.0											23.2	9,200 *	31.2	7,900 *
220.0													23.3	7,200 *
230.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

130 ft Boom														
Load Radius (ft)	170 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0														
60.0	73.7	34,300 *												
65.0	71.9	32,100 *												
70.0	70.1	30,200 *												
75.0	68.3	28,200 *												
80.0	66.5	26,600 *												
85.0	64.6	25,100 *	68.9	28,800 *										
90.0	62.8	23,800 *	67.1	27,100 *										
95.0	60.8	22,400 *	65.2	25,500 *										
100.0	58.9	21,300 *	63.3	24,200 *	65.9	26,200 *								
110.0	54.9	19,400 *	59.5	21,800 *	62.1	23,300 *								
120.0	50.6	17,600 *	55.5	19,600 *	58.2	21,100 *								
130.0	46.1	16,000 *	51.3	17,800 *	54.2	18,900 *	58.7	21,300 *						
140.0	41.2	14,700 *	46.8	16,300 *	49.9	17,400 *	54.7	19,400 *						
150.0	35.7	13,400 *	41.9	14,900 *	45.3	15,800 *	50.4	17,600 *	55.1	16,900 *				
160.0	29.4	12,500 *	36.6	13,600 *	40.3	14,500 *	45.9	16,000 *	50.8	15,600 *				
170.0	21.5	11,400 *	30.4	12,500 *	34.7	13,400 *	40.9	14,700 *	46.3	14,300 *	51.1	12,500 *		
180.0			22.8	11,600 *	28.2	12,300 *	35.5	13,600 *	41.4	13,000 *	46.6	11,600 *		
190.0					19.9	11,400 *	29.1	12,500 *	36.0	11,900 *	41.7	10,500 *		
200.0							21.1	11,600 *	29.8	10,800 *	36.4	9,700 *	41.8	8,300 *
210.0									22.0	9,900 *	30.2	8,800 *	36.4	7,400 *
220.0											22.5	7,900 *	30.3	6,800 *
230.0													22.6	6,100 *
Reeves	2													

Refer to notes on 70 to 71.



LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

140 ft Boom														
70 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0	73.9	104,400 *												
34.0	72.2	104,400 *												
36.0	70.5	104,400 *												
38.0	68.7	104,400 *												
40.0	66.9	102,200 *												
42.0	65.1	97,800 *												
44.0	63.3	93,600 *												
46.0	61.4	89,900 *												
48.0	59.5	86,600 *												
50.0	57.6	83,300 *	69.0	92,800 *										
55.0	52.6	76,000 *	64.6	81,700 *										
60.0	47.2	69,700 *	59.9	72,900 *										
65.0	41.2	62,100 *	55.0	65,900	62.1	63,700								
70.0	34.5	55,700 *	49.8	59,900	57.3	58,200								
75.0	26.2	50,200 *	44.1	54,800	52.3	53,300								
80.0			37.8	50,400	46.9	49,100	59.4	46,000						
85.0			30.4	46,700	40.9	45,400	54.4	43,200						
90.0			20.7	43,400	34.1	42,300	49.2	40,100						
95.0					25.7	39,400	43.5	37,400	56.2	34,600				
100.0							37.1	35,000	51.1	33,000				
110.0							19.3	30,800	39.5	29,100				
120.0									23.4	26,000	41.2	24,600		
130.0											26.2	22,200	42.4	20,000
140.0													27.9	18,700
150.0														
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	4													

140 ft Boom														
80 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0	74.5	104,400 *												
36.0	73.0	104,400 *												
38.0	71.5	104,400 *												
40.0	70.0	101,400 *												
42.0	68.4	97,000 *												
44.0	66.9	92,800 *												
46.0	65.3	89,000 *												
48.0	63.7	85,700 *												
50.0	62.1	82,400 *												
55.0	57.9	75,100 *	67.9	81,300 *										
60.0	53.6	69,000 *	64.0	72,900 *										
65.0	48.9	62,100 *	59.9	65,900 *	65.9	63,200								
70.0	43.9	55,700 *	55.7	59,900	61.9	57,700								
75.0	38.4	50,300 *	51.2	54,800	57.7	52,900								
80.0	32.2	45,800 *	46.4	50,400	53.3	48,700								
85.0	24.5	42,100 *	41.1	46,700	48.7	45,100	59.4	42,100						
90.0			35.3	43,400	43.7	41,800	55.2	39,600						
95.0			28.3	40,500	38.1	39,200	50.6	37,000						
100.0			19.3	38,100	31.8	36,800	45.8	34,800						
110.0							34.5	30,600	47.6	28,800				
120.0							18.0	27,500	36.8	25,700	48.9	23,500		
130.0									21.8	22,700	38.4	21,800		
140.0											24.5	19,600	39.5	18,200 *
150.0													26.0	16,700 *
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

140 ft Boom														
Load Radius (ft)	90 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0	73.6	98,300 *												
40.0	72.3	97,900 *												
42.0	70.9	96,500 *												
44.0	69.6	92,300 *												
46.0	68.2	88,600 *												
48.0	66.8	85,300 *												
50.0	65.4	82,000 *												
55.0	61.8	74,700 *												
60.0	58.2	68,500 *	67.1	72,500 *										
65.0	54.3	62,100 *	63.6	65,600 *										
70.0	50.3	55,700 *	59.9	59,700	65.2	57,300								
75.0	45.9	50,300 *	56.2	54,600	61.6	52,900								
80.0	41.3	45,900 *	52.2	50,200	57.9	48,700								
85.0	36.1	42,100 *	48.0	46,500	54.1	45,100								
90.0	30.2	38,800 *	43.5	43,400	50.0	42,100	59.5	38,800						
95.0	23.0	35,700 *	38.6	40,500	45.7	39,200	55.7	36,800						
100.0			33.2	37,900	41.0	36,800	51.7	34,600						
110.0			18.1	33,500	29.9	32,600	43.0	30,400	53.2	27,900				
120.0							32.5	27,300	44.7	25,700				
130.0							16.9	24,200	34.6	23,100	45.9	21,600		
140.0									20.6	20,900	36.1	19,400	37.1	16,500 *
150.0											23.0	17,600	24.5	14,900 *
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	4													

140 ft Boom														
Load Radius (ft)	100 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0	74.1	87,100 *												
42.0	72.9	86,900 *												
44.0	71.7	86,400 *												
46.0	70.5	86,200 *												
48.0	69.3	84,600 *												
50.0	68.0	81,500 *												
55.0	64.9	74,200 *												
60.0	61.7	68,100 *	69.5	72,000 *										
65.0	58.3	61,900 *	66.4	65,200 *										
70.0	54.9	55,600 *	63.2	59,300										
75.0	51.3	50,000 *	59.9	54,400	64.7	52,000								
80.0	47.5	45,600 *	56.5	50,000	61.5	48,500								
85.0	43.4	41,900 *	53.0	46,200	58.2	44,900								
90.0	39.1	38,500 *	49.3	43,200	54.7	41,800								
95.0	34.2	35,500 *	45.4	40,300	51.1	39,000	59.6	35,900						
100.0	28.6	32,800 *	41.2	37,600	47.3	36,500	56.2	34,100						
110.0			31.4	33,200	38.8	32,400	48.9	30,200						
120.0			17.2	29,700	28.3	28,800	40.7	27,100	50.2	25,500				
130.0							30.8	24,200	42.2	22,900	51.3	20,500		
140.0							16.0	22,000	32.7	20,700	43.4	19,100	44.2	15,400 *
150.0									19.5	18,900	34.2	17,400	35.1	14,700 *
160.0											21.8	16,000 *	23.2	13,400 *
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

140 ft Boom														
110 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0	73.4	78,000 *												
46.0	72.3	77,600 *												
48.0	71.2	77,200 *												
50.0	70.1	76,900 *												
55.0	67.3	73,400 *												
60.0	64.4	67,200 *												
65.0	61.5	61,700 *	68.6	64,500 *										
70.0	58.5	55,300 *	65.8	59,000 *										
75.0	55.4	50,000 *	62.9	54,000 *										
80.0	52.1	45,600 *	59.9	49,800	64.3	47,600								
85.0	48.7	41,600 *	56.9	46,000	61.4	44,500								
90.0	45.1	38,300 *	53.7	42,700	58.3	41,400								
95.0	41.3	35,400 *	50.4	39,900	55.2	38,500								
100.0	37.2	32,800 *	46.9	37,200	51.9	36,100	59.6	33,200						
110.0	27.3	28,400 *	39.2	33,000	44.9	31,900	53.3	29,900						
120.0			29.9	29,500	36.9	28,600	46.5	26,600	54.5	24,200				
130.0			16.3	26,200	26.9	25,700	38.7	24,000	47.7	22,400				
140.0							29.3	21,600	40.2	20,200	48.7	17,800		
150.0							15.2	19,800	31.1	18,500	41.3	17,100 *		
160.0									18.5	16,700	32.5	15,600 *	42.0	14,100 *
170.0											20.7	14,300 *	33.4	13,000 *
180.0													22.1	11,900 *
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	3													

140 ft Boom														
120 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0	73.8	70,100 *												
48.0	72.8	69,700 *												
50.0	71.8	69,200 *												
55.0	69.3	68,300 *												
60.0	66.7	66,600 *												
65.0	64.1	61,500 *												
70.0	61.4	55,300 *	67.9	58,400 *										
75.0	58.6	49,600 *	65.3	54,000 *										
80.0	55.8	45,400 *	62.7	49,800										
85.0	52.8	41,400 *	59.9	46,000	63.9	43,600								
90.0	49.7	38,100 *	57.1	42,700	61.2	41,200								
95.0	46.5	35,300 *	54.2	39,900	58.5	38,300								
100.0	43.1	32,600 *	51.2	37,300	55.6	35,900								
110.0	35.5	28,400 *	44.7	33,000	49.6	31,700	56.8	29,500						
120.0	26.1	24,900 *	37.4	29,500	42.9	28,400	50.9	26,400						
130.0			28.6	26,200	35.3	25,500	44.4	23,800	52.0	22,200				
140.0			15.6	22,900	25.8	23,100	37.0	21,300	45.6	20,000				
150.0							28.0	19,400	38.4	18,200	46.5	16,700 *		
160.0							14.6	18,000	29.8	16,700	39.5	15,400 *		
170.0									17.7	14,900	31.1	14,100 *	40.2	12,300 *
180.0											19.8	12,700 *	32.0	11,400 *
190.0													21.1	10,500 *
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

140 ft Boom														
Load Radius (ft)	130 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0	74.2	59,000 *												
50.0	73.3	59,000 *												
55.0	71.0	59,000 *												
60.0	68.6	59,000 *												
65.0	66.2	59,000 *												
70.0	63.8	55,700 *												
75.0	61.3	50,300 *	67.4	53,100 *										
80.0	58.7	45,800 *	64.9	49,600 *										
85.0	56.1	42,100 *	62.5	45,800 *	66.1	43,400								
90.0	53.4	38,500 *	59.9	42,500 *	63.6	41,000								
95.0	50.6	35,500 *	57.4	39,600	61.1	38,100								
100.0	47.7	33,000 *	54.7	37,200 *	58.6	35,700								
110.0	41.3	28,600 *	49.1	32,800	53.2	31,500	59.7	28,600						
120.0	34.1	25,100 *	42.9	29,300	47.5	28,200	54.4	26,400						
130.0	25.0	22,000 *	35.9	26,400	41.1	25,300	48.7	23,800	55.4	20,900				
140.0			27.4	23,300	33.8	22,900	42.5	21,300	49.8	19,800				
150.0			15.0	20,900	24.7	20,700	35.5	19,600	43.7	18,000	50.6	15,600 *		
160.0							26.9	17,800	36.8	16,300	44.6	14,900 *		
170.0									28.6	14,900	37.8	13,600 *	45.2	11,200 *
180.0									17.0	13,600 *	29.8	12,500 *	38.5	11,200 *
190.0											19.0	11,000 *	30.7	10,100 *
200.0													20.3	9,200 *
210.0														
220.0														
230.0														
240.0														
Reeves	2													

140 ft Boom														
Load Radius (ft)	140 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	72.4	55,300 *												
60.0	70.2	52,200 *												
65.0	68.0	49,300 *												
70.0	65.8	46,500 *												
75.0	63.5	43,800 *	69.1	50,400 *										
80.0	61.2	41,600 *	66.8	47,800 *										
85.0	58.8	39,600 *	64.6	45,100 *										
90.0	56.4	37,900 *	62.3	42,300 *	65.7	39,900 *								
95.0	53.9	35,200 *	60.0	39,400 *	63.4	37,600 *								
100.0	51.3	32,600 *	57.5	36,800 *	61.1	35,200 *								
110.0	45.8	28,200 *	52.5	32,600 *	56.3	31,000 *								
120.0	39.7	24,600 *	47.2	29,100 *	51.2	27,700 *	57.3	26,000						
130.0	32.8	21,800 *	41.2	26,000 *	45.7	24,900 *	52.2	23,300						
140.0	24.1	19,400 *	34.5	23,100 *	39.6	22,400	46.8	21,100	53.2	19,400				
150.0			26.4	20,500 *	32.6	20,500	40.9	19,100	47.8	17,600				
160.0					23.8	18,700	34.1	17,400	42.0	16,000	48.6	14,300 *		
170.0							25.8	16,000	35.4	14,500	42.9	13,200 *		
180.0									27.5	13,400 *	36.4	12,100 *	43.4	10,100 *
190.0									16.4	12,100 *	28.7	11,000 *	37.0	9,700 *
200.0											18.3	10,100 *	29.5	8,800 *
210.0													19.5	7,900 *
220.0														
230.0														
240.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

140 ft Boom														
Load Radius (ft)	150 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	73.6	48,000 *												
60.0	71.6	44,900 *												
65.0	69.5	42,300 *												
70.0	67.5	39,900 *												
75.0	65.4	37,400 *												
80.0	63.3	35,400 *	68.5	40,700 *										
85.0	61.1	33,700 *	66.4	38,500 *										
90.0	58.9	31,900 *	64.3	36,500 *										
95.0	56.6	30,400 *	62.1	34,600 *	65.3	36,800 *								
100.0	54.3	29,100 *	60.0	32,800 *	63.2	35,000 *								
110.0	49.4	26,600 *	55.4	29,700 *	58.8	30,800 *								
120.0	44.2	24,400 *	50.6	27,300 *	54.2	27,500 *	59.7	24,600 *						
130.0	38.3	21,600 *	45.5	24,900 *	49.3	24,600 *	55.2	23,100						
140.0	31.6	18,900 *	39.8	22,900 *	44.0	22,200 *	50.3	20,900	56.0	18,000				
150.0	23.2	16,900 *	33.3	20,200 *	38.2	20,200 *	45.2	18,900	51.2	17,400				
160.0			25.5	18,000 *	31.4	18,500 *	39.4	17,100	46.1	15,800				
170.0					23.0	16,900 *	32.9	15,800	40.5	14,300 *	46.9	12,300 *		
180.0							24.9	14,500	34.2	13,200 *	41.3	11,600 *		
190.0									26.5	12,100 *	35.1	10,500 *	41.9	8,500 *
200.0									15.8	11,000 *	27.7	9,700 *	35.7	8,300 *
210.0											17.7	8,800 *	28.5	7,700 *
220.0													18.8	6,800 *
230.0														
240.0														
Reeves	2													

140 ft Boom														
Load Radius (ft)	160 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0														
60.0	72.8	39,900 *												
65.0	70.9	37,400 *												
70.0	69.0	35,200 *												
75.0	67.0	33,000 *												
80.0	65.1	31,300 *												
85.0	63.1	29,500 *	68.0	33,900 *										
90.0	61.0	27,900 *	66.0	32,100 *										
95.0	59.0	26,600 *	64.0	30,400 *										
100.0	56.8	25,300 *	62.0	28,800 *	65.0	31,300 *								
110.0	52.4	23,100 *	57.9	26,000 *	60.9	27,900 *								
120.0	47.8	21,100 *	53.5	23,500 *	56.7	25,300 *								
130.0	42.7	19,400 *	48.9	21,600 *	52.3	23,100 *	57.6	22,900 *						
140.0	37.1	17,800 *	43.9	19,800 *	47.6	21,100 *	53.3	20,500 *						
150.0	30.6	16,500 *	38.5	18,200 *	42.5	19,400 *	48.6	18,700 *	54.1	16,700				
160.0	22.5	15,400 *	32.2	16,900 *	36.9	18,000 *	43.6	16,900 *	49.5	15,400 *				
170.0			24.6	15,400 *	30.4	16,700 *	38.1	15,400 *	44.6	14,100 *	50.1	11,400 *		
180.0					22.2	15,000 *	31.8	14,300 *	39.2	13,000 *	45.3	11,400 *		
190.0							24.1	13,000 *	33.0	11,600 *	40.0	10,300 *	45.7	7,700 *
200.0									25.7	10,800 *	34.0	9,400 *	40.5	7,700 *
210.0									15.3	9,900 *	26.8	8,500 *	34.6	7,200 *
220.0											17.1	7,700 *	27.6	6,600 *
230.0													18.2	5,900 *
240.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

140 ft Boom														
Load Radius (ft)	170 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0														
60.0	73.8	34,600 *												
65.0	72.0	32,100 *												
70.0	70.3	30,200 *												
75.0	68.5	28,400 *												
80.0	66.6	26,600 *												
85.0	64.8	25,100 *	69.3	29,300 *										
90.0	62.9	23,800 *	67.5	27,500 *										
95.0	61.0	22,400 *	65.7	25,700 *										
100.0	59.0	21,300 *	63.8	24,400 *										
110.0	55.0	19,400 *	60.0	22,000 *	62.8	23,800 *								
120.0	50.8	17,600 *	56.0	19,800 *	58.9	21,300 *								
130.0	46.2	16,000 *	51.8	18,000 *	54.9	19,400 *	59.7	21,800 *						
140.0	41.3	14,700 *	47.3	16,500 *	50.6	17,600 *	55.7	19,800 *						
150.0	35.9	13,400 *	42.5	14,900 *	46.1	16,000 *	51.5	17,800 *	56.5	16,300 *				
160.0	29.6	12,500 *	37.3	13,800 *	41.2	14,700 *	47.1	16,300 *	52.3	15,200 *				
170.0	21.8	11,400 *	31.2	12,700 *	35.8	13,400 *	42.3	14,900 *	47.9	13,600 *				
180.0			23.9	11,900 *	29.4	12,500 *	36.9	13,800 *	43.2	12,500 *	48.5	11,000 *		
190.0					21.5	11,600 *	30.9	12,700 *	37.9	11,200 *	43.8	9,900 *		
200.0							23.4	11,900 *	32.0	10,300 *	38.7	9,000 *	44.3	7,200 *
210.0									24.9	9,400 *	32.9	8,100 *	39.2	6,800 *
220.0									14.8	8,300 *	26.0	7,200 *	33.5	6,100 *
230.0											16.6	6,600 *	26.7	5,500 *
240.0													17.7	4,800 *
Reeves	2													

Refer to notes on 70 to 71.



LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

150 ft Boom														
70 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0	74.2	104,400 *												
34.0	72.5	104,400 *												
36.0	70.8	104,200 *												
38.0	69.0	99,600 *												
40.0	67.2	95,200 *												
42.0	65.4	91,400 *												
44.0	63.6	87,700 *												
46.0	61.8	84,400 *												
48.0	59.9	81,100 *												
50.0	58.0	78,200 *												
55.0	52.9	71,600 *	65.7	81,300 *										
60.0	47.6	65,900 *	61.1	72,700 *										
65.0	41.7	61,000 *	56.2	65,600 *	63.7	63,000								
70.0	35.0	55,900 *	51.1	59,700 *	59.0	57,500								
75.0	26.9	50,500 *	45.6	54,600 *	54.1	52,600								
80.0			39.4	50,400 *	48.8	48,700								
85.0			32.3	46,700 *	43.1	44,900	57.0	41,800						
90.0			23.4	43,400 *	36.6	41,800	52.0	39,400						
95.0					28.9	39,000	46.5	36,800						
100.0					18.4	36,100	40.5	34,600	54.7	31,700				
110.0							25.1	30,400	43.7	28,400				
120.0									29.8	25,300	46.3	23,100		
130.0											33.3	21,300		
140.0													35.8	18,000 *
150.0													16.9	16,300 *
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	4													

150 ft Boom														
80 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0	73.3	100,700 *												
38.0	71.7	98,500 *												
40.0	70.2	94,300 *												
42.0	68.7	90,300 *												
44.0	67.1	86,600 *												
46.0	65.6	83,300 *												
48.0	64.0	80,000 *												
50.0	62.4	77,100 *												
55.0	58.2	70,500 *	68.9	80,900 *										
60.0	53.9	65,000 *	65.0	72,500 *										
65.0	49.3	60,100 *	60.9	65,400 *										
70.0	44.3	55,900 *	56.7	59,500 *	63.3	56,800								
75.0	38.8	50,700 *	52.3	54,400 *	59.2	52,600								
80.0	32.6	46,000 *	47.6	50,200 *	54.9	48,500								
85.0	25.1	42,100 *	42.4	46,500 *	50.3	44,900								
90.0			36.8	43,200 *	45.4	41,800	57.4	38,500						
95.0			30.2	40,300 *	40.1	39,000	53.0	36,300						
100.0			21.8	37,600 *	34.1	36,500	48.4	34,100						
110.0					17.1	32,100	37.7	30,200	50.8	28,400				
120.0							23.4	26,800	40.7	25,300				
130.0									27.8	22,700	43.1	21,100		
140.0											31.1	18,900	44.9	16,700 *
150.0													33.4	15,800 *
160.0													15.7	14,500 *
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

150 ft Boom														
Load Radius (ft)	90 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0	73.8	88,600 *												
40.0	72.5	88,600 *												
42.0	71.2	88,600 *												
44.0	69.8	85,900 *												
46.0	68.4	82,600 *												
48.0	67.1	79,500 *												
50.0	65.7	76,400 *												
55.0	62.1	69,800 *												
60.0	58.4	64,300 *	67.9	71,800 *										
65.0	54.6	59,500 *	64.4	65,200 *										
70.0	50.5	55,300 *	60.8	59,300 *										
75.0	46.3	50,700 *	57.1	54,200 *	62.9	52,000								
80.0	41.6	46,100 *	53.2	50,000 *	59.2	48,200								
85.0	36.5	42,300 *	49.1	46,200 *	55.4	44,700								
90.0	30.7	39,000 *	44.7	42,900 *	51.5	41,600	61.4	38,100						
95.0	23.6	35,900 *	39.9	40,100 *	47.2	38,800	57.7	36,100						
100.0			34.6	37,600 *	42.7	36,300	53.8	33,900						
110.0			20.5	33,200 *	32.1	32,100	45.4	29,900	55.9	27,100				
120.0					16.1	28,600	35.5	26,600	47.7	25,100				
130.0							22.0	24,000	38.3	22,400	49.6	20,000		
140.0									26.2	20,500	40.5	18,700 *		
150.0											29.2	17,100 *	42.2	14,700 *
160.0													31.4	14,300 *
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	4													

150 ft Boom														
Load Radius (ft)	100 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0	74.3	81,600 *												
42.0	73.1	81,100 *												
44.0	71.9	80,700 *												
46.0	70.7	80,000 *												
48.0	69.5	78,900 *												
50.0	68.2	75,800 *												
55.0	65.1	69,400 *												
60.0	61.9	63,700 *												
65.0	58.6	58,800 *	67.1	64,500 *										
70.0	55.1	54,600 *	64.0	59,000 *										
75.0	51.5	50,500 *	60.7	54,000 *	65.8	51,500								
80.0	47.8	45,900 *	57.4	49,800 *	62.6	48,000								
85.0	43.7	42,100 *	53.9	46,000 *	59.3	44,500								
90.0	39.4	38,800 *	50.2	42,700 *	55.9	41,400								
95.0	34.6	35,700 *	46.4	39,900 *	52.4	38,500	61.3	35,200						
100.0	29.1	33,100 *	42.2	37,400 *	48.6	36,100	57.9	33,500						
110.0			32.7	33,000 *	40.4	31,900	50.8	29,700						
120.0			19.4	29,500 *	30.4	28,600	42.9	26,400	52.8	24,600				
130.0					15.3	25,500	33.6	23,800	45.1	22,200				
140.0							20.8	21,600	36.2	20,200	46.9	18,500 *		
150.0									24.8	18,200	38.3	16,700 *		
160.0											27.7	15,400 *	39.9	13,600 *
170.0													29.7	12,500 *
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

150 ft Boom														
110 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0	73.6	73,200 *												
46.0	72.5	72,800 *												
48.0	71.4	72,300 *												
50.0	70.3	71,600 *												
55.0	67.5	68,300 *												
60.0	64.7	62,800 *												
65.0	61.7	57,900 *	69.3	64,100 *										
70.0	58.7	53,700 *	66.5	58,600 *										
75.0	55.6	50,000 *	63.6	53,500 *										
80.0	52.4	45,900 *	60.7	49,300 *	65.3	46,900								
85.0	49.0	42,100 *	57.6	45,600 *	62.4	44,000								
90.0	45.4	38,800 *	54.5	42,300 *	59.4	41,000								
95.0	41.6	35,700 *	51.2	39,600 *	56.3	38,100								
100.0	37.5	33,100 *	47.7	37,000 *	53.1	35,700	61.2	32,600						
110.0	27.7	28,900 *	40.2	32,800 *	46.2	31,700	55.0	29,300						
120.0			31.1	29,300 *	38.4	28,200	48.3	26,000						
130.0			18.5	26,200 *	28.9	25,300	40.8	23,300	50.1	21,800				
140.0					14.5	23,300	32.0	21,100	42.9	19,800				
150.0							19.8	19,400	34.5	18,000	44.6	16,300 *		
160.0									23.6	16,300	36.5	14,900 *	45.8	12,300 *
170.0											26.3	13,600 *	38.0	12,100 *
180.0													28.3	11,000 *
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	3													

150 ft Boom														
120 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0	74.0	65,900 *												
48.0	73.0	65,700 *												
50.0	72.0	65,000 *												
55.0	69.5	63,900 *												
60.0	66.9	62,100 *												
65.0	64.3	57,300 *												
70.0	61.6	53,100 *	68.6	57,900 *										
75.0	58.8	49,600 *	66.0	53,700 *										
80.0	56.0	45,600 *	63.3	49,300 *										
85.0	53.0	41,700 *	60.6	45,800 *	64.9	43,200								
90.0	50.0	38,400 *	57.8	42,500 *	62.2	40,700								
95.0	46.7	35,300 *	54.9	39,600 *	59.4	37,900								
100.0	43.3	32,800 *	52.0	37,000 *	56.6	35,400								
110.0	35.8	28,400 *	45.6	32,800 *	50.7	31,300	58.3	29,100						
120.0	26.4	24,900 *	38.4	29,300 *	44.1	27,900	52.5	25,700						
130.0			29.8	26,400 *	36.7	25,100	46.1	23,100	54.0	20,700				
140.0			17.7	23,800 *	27.6	22,700	39.0	20,900	47.8	19,600				
150.0							30.5	19,100	41.0	17,600	49.3	15,200 *		
160.0							19.0	17,600	32.9	16,000	42.6	14,700 *		
170.0									22.6	14,700 *	34.9	13,400 *	43.8	10,800 *
180.0											25.2	12,100 *	36.3	10,800 *
190.0													27.1	9,700 *
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

150 ft Boom														
Load Radius (ft)	130 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0	74.4	58,800 *												
50.0	73.4	58,600 *												
55.0	71.1	58,200 *												
60.0	68.8	57,300 *												
65.0	66.4	56,700 *												
70.0	63.9	52,600 *												
75.0	61.5	48,900 *	67.9	52,600 *										
80.0	58.9	45,600 *	65.5	49,100 *										
85.0	56.3	42,300 *	63.1	45,400 *										
90.0	53.6	38,800 *	60.6	42,300 *	64.5	39,600								
95.0	50.8	35,700 *	58.0	39,400 *	62.0	37,600								
100.0	47.9	33,100 *	55.3	36,800 *	59.5	35,200								
110.0	41.6	28,600 *	49.8	32,600 *	54.2	31,000	61.0	27,900						
120.0	34.3	25,100 *	43.7	29,100 *	48.5	27,700	55.8	26,000						
130.0	25.4	22,200 *	36.8	26,200 *	42.3	24,900	50.2	23,300						
140.0			28.6	23,500 *	35.2	22,400	44.2	20,900						
150.0			17.0	20,900 *	26.5	20,500	37.4	19,100	51.7	19,100				
160.0							29.3	17,400	45.8	17,400				
170.0							18.2	16,000	39.3	15,800 *	47.2	13,800 *		
180.0									31.6	14,500 *	40.8	13,000 *		
190.0									21.6	13,400 *	33.4	11,900 *	41.9	9,700 *
200.0											24.2	10,800 *	34.8	9,400 *
210.0													26.0	8,500 *
220.0														
230.0														
240.0														
Reeves	2													

150 ft Boom														
Load Radius (ft)	140 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	72.5	52,200 *												
60.0	70.4	52,000 *												
65.0	68.2	49,300 *												
70.0	65.9	46,700 *												
75.0	63.7	44,000 *												
80.0	61.4	41,800 *	67.4	48,000 *										
85.0	59.0	39,900 *	65.1	45,100 *										
90.0	56.6	37,900 *	62.9	41,800 *	66.4	39,200 *								
95.0	54.1	35,400 *	60.5	39,000 *	64.2	37,200 *								
100.0	51.5	32,800 *	58.1	36,500 *	61.9	34,800 *								
110.0	46.0	28,400 *	53.2	32,100 *	57.1	30,800 *								
120.0	40.0	24,700 *	47.8	28,600 *	52.1	27,300 *	58.5	25,500						
130.0	33.0	21,800 *	42.0	25,700 *	46.6	24,400	53.6	22,900						
140.0	24.4	19,400 *	35.4	23,300 *	40.7	22,200	48.3	20,700	54.9	17,800				
150.0			27.5	20,700 *	33.9	20,200	42.5	18,700	49.7	16,900				
160.0			16.4	18,200 *	25.5	18,500	36.0	17,100	44.1	15,400	50.9	12,500 *		
170.0							28.2	15,600	37.8	14,100 *	45.4	12,500 *		
180.0							17.5	14,300	30.4	13,000 *	39.2	11,400 *	46.3	8,500 *
190.0									20.8	11,900 *	32.2	10,300 *	40.3	8,500 *
200.0											23.3	9,400 *	33.5	7,900 *
210.0													25.0	7,200 *
220.0														
230.0														
240.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

150 ft Boom														
Load Radius (ft)	150 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	73.7	47,600 *												
60.0	71.7	45,100 *												
65.0	69.7	42,300 *												
70.0	67.6	39,900 *												
75.0	65.5	37,600 *												
80.0	63.4	35,700 *	69.0	41,400 *										
85.0	61.3	33,700 *	66.9	39,000 *										
90.0	59.1	32,100 *	64.8	37,000 *										
95.0	56.8	30,600 *	62.7	34,800 *	66.0	36,100 *								
100.0	54.5	29,300 *	60.5	33,200 *	63.9	34,600 *								
110.0	49.6	26,600 *	56.0	30,200 *	59.6	30,400 *								
120.0	44.4	24,400 *	51.2	27,500 *	55.0	27,100 *	60.8	24,000						
130.0	38.5	21,600 *	46.1	25,100 *	50.2	24,200 *	56.4	22,700						
140.0	31.9	19,100 *	40.5	23,100 *	45.0	22,000 *	51.6	20,500						
150.0	23.6	16,900 *	34.2	20,500 *	39.2	19,800 *	46.5	18,500	52.9	16,500				
160.0			26.5	18,200 *	32.7	18,000 *	41.0	16,700	47.9	15,200 *				
170.0			15.8	16,000 *	24.6	16,700 *	34.7	15,400	42.5	13,800 *	49.0	11,000 *		
180.0							27.2	14,100	36.4	12,700 *	43.7	11,000 *		
190.0							16.9	12,700	29.4	11,600 *	37.9	9,900 *	44.7	7,200 *
200.0									20.1	10,500 *	31.0	9,000 *	38.9	7,200 *
210.0											22.5	8,300 *	32.3	6,800 *
220.0													24.1	6,100 *
230.0														
240.0														
Reeves	2													

150 ft Boom														
Load Radius (ft)	160 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0														
60.0	72.9	40,100 *												
65.0	71.0	37,400 *												
70.0	69.1	35,200 *												
75.0	67.2	33,000 *												
80.0	65.2	31,300 *												
85.0	63.2	29,700 *	68.4	34,600 *										
90.0	61.2	28,200 *	66.5	32,600 *										
95.0	59.1	26,600 *	64.5	30,600 *										
100.0	57.0	25,500 *	62.5	29,100 *	65.6	31,700 *								
110.0	52.6	23,100 *	58.4	26,200 *	61.6	28,400 *								
120.0	47.9	21,100 *	54.1	23,800 *	57.5	25,700 *								
130.0	42.9	19,400 *	49.5	21,800 *	53.1	23,300 *	58.7	22,200 *						
140.0	37.3	18,000 *	44.6	20,000 *	48.5	21,300 *	54.4	20,000 *						
150.0	30.8	16,500 *	39.2	18,500 *	43.5	19,600 *	49.9	18,200 *	55.6	15,400 *				
160.0	22.8	15,400 *	33.0	17,100 *	37.9	17,800 *	45.0	16,500 *	51.1	14,900 *				
170.0			25.7	15,800 *	31.6	16,300 *	39.6	15,200 *	46.3	13,600 *				
180.0			15.3	14,900 *	23.8	14,900 *	33.6	13,800 *	41.1	12,300 *	47.4	9,900 *		
190.0							26.3	12,700 *	35.2	11,200 *	42.3	9,700 *		
200.0							16.4	11,400 *	28.4	10,300 *	36.6	8,800 *	43.2	6,600 *
210.0									19.5	9,200 *	30.0	7,900 *	37.6	6,600 *
220.0											21.7	7,200 *	31.2	5,900 *
230.0													23.3	5,200 *
240.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

150 ft Boom														
Load Radius (ft)	170 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0														
60.0	73.9	34,600 *												
65.0	72.2	32,400 *												
70.0	70.4	30,400 *												
75.0	68.6	28,400 *												
80.0	66.8	26,800 *												
85.0	64.9	25,300 *												
90.0	63.0	24,000 *	67.9	27,900 *										
95.0	61.1	22,700 *	66.1	26,200 *										
100.0	59.2	21,600 *	64.2	24,900 *										
110.0	55.1	19,400 *	60.4	22,200 *	63.4	24,200 *								
120.0	50.9	17,600 *	56.5	20,000 *	59.6	21,800 *								
130.0	46.4	16,000 *	52.3	18,200 *	55.6	19,600 *	60.7	21,600 *						
140.0	41.5	14,700 *	47.9	16,500 *	51.4	17,800 *	56.8	19,800 *						
150.0	36.1	13,400 *	43.2	15,200 *	46.9	16,300 *	52.7	17,800 *						
160.0	29.9	12,500 *	37.9	13,800 *	42.1	14,900 *	48.3	16,300 *	53.8	14,500 *				
170.0	22.1	11,400 *	32.0	12,700 *	36.7	13,600 *	43.6	14,700 *	49.4	13,200 *				
180.0			24.9	11,900 *	30.6	12,500 *	38.4	13,400 *	44.8	11,900 *	50.4	9,700 *		
190.0					23.1	11,600 *	32.5	12,300 *	39.8	10,800 *	45.9	9,200 *		
200.0							25.5	11,700 *	34.1	9,700 *	40.9	8,300 *		
210.0							15.9	10,800 *	27.5	8,800 *	35.5	7,400 *	41.8	5,900 *
220.0									18.9	8,300 *	29.1	6,800 *	36.4	5,500 *
230.0											21.1	6,100 *	30.3	4,800 *
240.0													22.6	4,400 *
Reeves	2													

Refer to notes on 70 to 71.



LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

160 ft Boom														
70 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0	74.5	104,500 *												
34.0	72.8	104,500 *												
36.0	71.1	104,500 *												
38.0	69.3	100,300 *												
40.0	67.6	96,100 *												
42.0	65.8	91,900 *												
44.0	63.9	88,400 *												
46.0	62.1	84,800 *												
48.0	60.2	81,500 *												
50.0	58.3	78,700 *												
55.0	53.3	71,600 *	66.8	80,600 *										
60.0	48.0	65,900 *	62.2	72,300 *										
65.0	42.1	61,000 *	57.4	65,200 *	65.3	62,300								
70.0	35.5	56,600 *	52.4	59,300 *	60.7	57,000								
75.0	27.5	50,900 *	47.0	54,400 *	55.8	52,200								
80.0	16.2	45,400 *	41.0	50,000 *	50.7	48,000								
85.0			34.2	46,200 *	45.1	44,500	59.5	41,200						
90.0			25.8	43,200 *	38.9	41,400	54.6	38,800						
95.0					31.7	38,500	49.4	36,100						
100.0					22.6	36,100	43.7	33,900						
110.0							29.8	29,900	47.7	27,900				
120.0									35.1	25,100	51.0	22,200		
130.0									15.4	22,400	39.3	20,700		
140.0											23.1	18,500 *	42.4	16,300 *
150.0													27.9	15,600 *
160.0														
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	4													

160 ft Boom														
80 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0	73.5	88,600 *												
38.0	72.0	88,600 *												
40.0	70.5	87,000 *												
42.0	69.0	83,500 *												
44.0	67.4	80,200 *												
46.0	65.8	77,100 *												
48.0	64.3	74,200 *												
50.0	62.6	71,600 *												
55.0	58.5	65,600 *												
60.0	54.2	60,600 *	65.9	71,600 *										
65.0	49.6	56,200 *	61.9	64,800 *										
70.0	44.7	52,200 *	57.8	59,000 *	64.7	56,200								
75.0	39.2	48,900 *	53.4	54,000 *	60.6	52,000								
80.0	33.1	45,800 *	48.7	49,800 *	56.4	48,000								
85.0	25.7	42,300 *	43.7	46,000 *	51.9	44,500								
90.0	15.1	38,800 *	38.2	42,700 *	47.2	41,400	59.6	37,600						
95.0			31.9	40,100 *	42.0	38,500	55.3	35,700						
100.0			24.1	37,400 *	36.3	36,100	50.8	33,500						
110.0					21.0	31,700	40.7	29,500	54.0	26,600				
120.0							27.8	26,400	44.4	24,600				
130.0									32.7	22,000	47.4	19,400 *		
140.0									14.3	19,800	36.6	18,200 *		
150.0											21.6	16,500 *	39.5	14,900 *
160.0													26.0	13,600 *
170.0														
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	4													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

160 ft Boom														
Load Radius (ft)	90 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0	74.1	84,700 *												
40.0	72.7	83,800 *												
42.0	71.4	82,600 *												
44.0	70.0	79,300 *												
46.0	68.7	76,200 *												
48.0	67.3	73,600 *												
50.0	65.9	70,700 *												
55.0	62.4	64,800 *												
60.0	58.7	59,700 *	68.8	71,400 *										
65.0	54.9	55,300 *	65.3	64,500 *										
70.0	50.8	51,500 *	61.7	58,800 *										
75.0	46.6	48,000 *	58.0	53,700 *	64.1	51,100								
80.0	42.0	45,100 *	54.2	49,600 *	60.5	47,800								
85.0	36.9	42,300 *	50.1	45,800 *	56.8	44,300								
90.0	31.1	39,000 *	45.8	42,700 *	52.9	41,200								
95.0	24.1	35,900 *	41.1	39,900 *	48.7	38,300	59.6	34,800						
100.0			35.9	37,200 *	44.3	35,900	55.9	33,200						
110.0			22.7	33,000 *	34.1	31,700	47.7	29,300						
120.0					19.8	28,600	38.3	26,200	50.6	24,400				
130.0							26.1	23,500	41.7	21,800				
140.0									30.8	19,800	44.5	18,000 *		
150.0											34.4	16,500 *		
160.0											20.3	14,900 *		
170.0													37.1	13,000 *
180.0													24.5	12,100 *
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	3													

160 ft Boom														
Load Radius (ft)	100 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0	74.5	76,500 *												
42.0	73.3	75,800 *												
44.0	72.1	75,200 *												
46.0	70.9	74,500 *												
48.0	69.7	72,500 *												
50.0	68.5	69,800 *												
55.0	65.3	64,100 *												
60.0	62.1	59,000 *												
65.0	58.8	54,600 *	67.9	64,100 *										
70.0	55.4	50,900 *	64.8	58,600 *										
75.0	51.8	47,600 *	61.5	53,500 *										
80.0	48.0	44,500 *	58.2	49,300 *	63.7	46,700								
85.0	44.0	41,800 *	54.8	45,600 *	60.5	43,800								
90.0	39.7	39,000 *	51.1	42,500 *	57.1	40,700								
95.0	34.9	35,700 *	47.3	39,600 *	53.6	38,100								
100.0	29.5	33,300 *	43.3	37,000 *	49.9	35,700	59.7	32,400						
110.0			34.0	32,800 *	41.9	31,500	52.7	29,100						
120.0			21.5	29,300 *	32.3	28,200	45.1	26,000	55.2	23,100				
130.0					18.7	25,300	36.2	23,300	47.8	21,600				
140.0							24.7	21,100	39.5	19,600	50.1	16,900 *		
150.0									29.2	17,800	42.1	16,000 *		
160.0											32.6	14,700 *		
170.0											19.2	13,200 *	44.2	11,900 *
180.0													35.1	11,600 *
190.0													23.2	10,800 *
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

160 ft Boom														
Load Radius (ft)	110 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0	73.8	68,300 *												
46.0	72.7	67,900 *												
48.0	71.6	67,500 *												
50.0	70.5	66,800 *												
55.0	67.7	63,000 *												
60.0	64.9	57,900 *												
65.0	61.9	53,500 *												
70.0	58.9	49,800 *	67.2	57,700 *										
75.0	55.8	46,500 *	64.3	53,500 *										
80.0	52.6	43,400 *	61.4	49,300 *	66.3	46,200								
85.0	49.2	40,700 *	58.4	45,600 *	63.4	43,600								
90.0	45.7	38,300 *	55.2	42,300 *	60.4	40,500								
95.0	41.9	35,700 *	52.0	39,600 *	57.4	37,600								
100.0	37.8	33,300 *	48.6	37,000 *	54.2	35,200								
110.0	28.0	28,900 *	41.2	32,800 *	47.5	31,300	56.6	28,600						
120.0			32.4	29,300 *	39.9	27,700	50.1	25,500						
130.0			20.5	26,400 *	30.7	25,100	42.9	22,900	52.4	21,100				
140.0					17.8	22,400	34.4	20,700	45.5	19,100				
150.0							23.5	18,900	37.5	17,400	47.6	15,400 *		
160.0									27.8	15,800 *	40.1	14,300 *		
170.0											31.0	13,000 *	42.0	10,800 *
180.0											18.3	11,600 *	33.4	10,100 *
190.0													22.1	9,200 *
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	3													

160 ft Boom														
Load Radius (ft)	120 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0	74.2	61,900 *												
48.0	73.2	61,700 *												
50.0	72.2	61,300 *												
55.0	69.7	60,000 *												
60.0	67.1	57,300 *												
65.0	64.5	52,900 *												
70.0	61.8	49,100 *	69.2	57,500 *										
75.0	59.0	45,800 *	66.6	53,300 *										
80.0	56.2	42,700 *	64.0	49,100 *										
85.0	53.2	40,100 *	61.3	45,400 *	65.8	42,500								
90.0	50.2	37,600 *	58.5	42,100 *	63.1	40,100								
95.0	47.0	35,500 *	55.7	39,400 *	60.4	37,400								
100.0	43.6	32,800 *	52.7	36,800 *	57.6	35,000								
110.0	36.1	28,700 *	46.4	32,600 *	51.7	31,000	59.7	27,700						
120.0	26.8	24,900 *	39.3	29,100 *	45.3	27,500	54.0	25,500						
130.0			30.9	26,200 *	38.1	24,900	47.8	22,900	56.0	19,800				
140.0			19.6	23,500 *	29.4	22,400	40.9	20,700	50.0	18,900				
150.0					17.1	20,200	32.9	18,900	43.4	17,100 *				
160.0							22.5	17,100	35.9	15,600 *	45.5	13,400 *		
170.0									26.5	14,300 *	38.3	12,500 *		
180.0											29.6	11,400 *	40.2	9,200 *
190.0											17.5	10,500 *	32.0	9,000 *
200.0													21.1	8,100 *
210.0														
220.0														
230.0														
240.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

160 ft Boom														
Load Radius (ft)	130 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0	73.6	55,600 *												
55.0	71.3	54,700 *												
60.0	68.9	54,000 *												
65.0	66.5	52,200 *												
70.0	64.1	48,500 *												
75.0	61.6	45,100 *	68.5	52,200 *										
80.0	59.1	42,100 *	66.1	48,700 *										
85.0	56.5	39,400 *	63.7	45,100 *										
90.0	53.8	37,000 *	61.2	41,800 *	65.3	39,200								
95.0	51.0	35,000 *	58.6	39,000 *	62.9	37,200								
100.0	48.1	33,000 *	56.0	36,500 *	60.4	34,800								
110.0	41.8	28,800 *	50.5	32,400 *	55.1	30,600								
120.0	34.6	25,100 *	44.5	28,800 *	49.5	27,300	57.2	25,300						
130.0	25.7	22,200 *	37.7	26,000 *	43.4	24,600	51.7	22,700						
140.0			29.7	23,300 *	36.5	22,200	45.8	20,500	53.6	18,500 *				
150.0			18.8	21,300 *	28.2	20,200	39.3	18,700	47.9	16,900 *				
160.0					16.4	18,500	31.6	16,900	41.6	15,400 *	49.7	12,300 *		
170.0							21.6	15,600	34.4	14,100 *	43.6	12,300 *		
180.0									25.5	12,700 *	36.7	11,200 *	45.2	8,300 *
190.0											28.4	10,100 *	38.5	8,300 *
200.0											16.8	9,200 *	30.7	7,700 *
210.0													20.3	7,000 *
220.0														
230.0														
240.0														
Reeves	2													

160 ft Boom														
Load Radius (ft)	140 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	72.7	49,800 *												
60.0	70.5	48,900 *												
65.0	68.3	48,300 *												
70.0	66.1	46,900 *												
75.0	63.8	44,000 *												
80.0	61.5	41,200 *	67.9	47,600 *										
85.0	59.2	38,500 *	65.7	44,700 *										
90.0	56.7	36,100 *	63.4	41,600 *										
95.0	54.2	34,100 *	61.1	38,800 *	65.0	36,100 *								
100.0	51.7	32,100 *	58.7	36,100 *	62.7	34,300 *								
110.0	46.2	28,400 *	53.8	31,900 *	58.0	30,400								
120.0	40.2	24,900 *	48.5	28,400 *	53.0	27,100	59.8	23,800						
130.0	33.3	21,800 *	42.7	25,500 *	47.6	24,200	54.9	22,400						
140.0	24.8	19,400 *	36.3	23,100 *	41.8	21,800	49.7	20,200						
150.0			28.6	20,900 *	35.1	19,800	44.1	18,200	51.5	16,300 *				
160.0			18.1	18,700 *	27.1	18,000	37.8	16,700	46.1	14,900 *				
170.0					15.8	16,900	30.4	15,200	40.0	13,600 *	47.8	11,200 *		
180.0							20.8	14,100	33.1	12,300 *	41.9	10,500 *		
190.0									24.5	11,200 *	35.3	9,700 *	43.4	7,200 *
200.0											27.4	8,800 *	37.0	7,200 *
210.0											16.2	7,900 *	29.5	6,600 *
220.0													19.5	5,900 *
230.0														
240.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

160 ft Boom														
Load Radius (ft)	150 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	73.9	45,000 *												
60.0	71.9	44,500 *												
65.0	69.8	42,500 *												
70.0	67.8	40,100 *												
75.0	65.7	37,600 *												
80.0	63.6	35,700 *	69.5	42,100 *										
85.0	61.4	33,900 *	67.4	39,600 *										
90.0	59.2	32,100 *	65.3	37,400 *										
95.0	57.0	30,600 *	63.2	35,200 *										
100.0	54.6	29,300 *	61.0	33,700 *	64.6	33,200 *								
110.0	49.8	26,600 *	56.5	30,400 *	60.3	29,900 *								
120.0	44.5	24,600 *	51.8	27,700 *	55.8	26,600 *								
130.0	38.8	21,600 *	46.8	25,300 *	51.0	24,000 *	57.5	22,000						
140.0	32.1	19,100 *	41.2	22,900 *	45.9	21,600 *	52.9	19,800						
150.0	23.9	16,700 *	35.0	20,700 *	40.3	19,600 *	47.9	18,000	54.5	14,900 *				
160.0			27.6	18,500 *	33.9	17,800 *	42.5	16,500	49.7	14,700 *				
170.0			17.4	16,300 *	26.2	16,300 *	36.4	14,900	44.4	13,200 *	51.2	10,100 *		
180.0					15.2	14,900 *	29.3	13,600	38.6	12,100 *	46.0	10,100 *		
190.0							20.1	12,500 *	31.9	11,000 *	40.4	9,200 *		
200.0									23.7	10,100 *	34.1	8,300 *	41.9	6,100 *
210.0											26.4	7,700 *	35.7	6,100 *
220.0											15.6	6,600 *	28.5	5,500 *
230.0													18.8	4,800 *
240.0														
Reeves	2													

160 ft Boom														
Load Radius (ft)	160 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0														
60.0	73.0	40,100 *												
65.0	71.1	37,600 *												
70.0	69.2	35,400 *												
75.0	67.3	33,200 *												
80.0	65.3	31,500 *												
85.0	63.4	29,700 *	68.9	35,000 *										
90.0	61.3	28,200 *	67.0	33,000 *										
95.0	59.3	26,600 *	65.0	31,000 *										
100.0	57.1	25,500 *	63.0	29,500 *	66.3	32,400 *								
110.0	52.8	23,100 *	58.9	26,600 *	62.3	29,100 *								
120.0	48.1	21,100 *	54.6	24,200 *	58.2	26,200 *								
130.0	43.1	19,400 *	50.0	22,000 *	53.9	23,800 *	59.8	20,700 *						
140.0	37.5	18,000 *	45.2	20,200 *	49.3	21,300 *	55.5	19,600 *						
150.0	31.1	16,700 *	39.8	18,500 *	44.4	19,400 *	51.1	17,800 *						
160.0	23.1	15,400 *	33.8	17,100 *	38.9	17,600 *	46.3	16,000 *	52.6	13,600 *				
170.0			26.7	15,800 *	32.8	16,000 *	41.1	15,000 *	48.0	13,000 *				
180.0			16.9	14,900 *	25.3	14,600 *	35.2	13,700 *	42.9	11,600 *	49.4	8,500 *		
190.0							28.4	12,600 *	37.3	10,500 *	44.5	8,500 *		
200.0							19.4	11,700 *	30.9	9,700 *	39.1	8,100 *	45.7	5,200 *
210.0									22.9	8,800 *	32.9	7,200 *	40.5	5,200 *
220.0											25.5	6,600 *	34.6	5,200 *
230.0											15.1	5,700 *	27.6	4,600 *
240.0													18.2	4,400 *
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

160 ft Boom														
Load Radius (ft)	170 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
32.0														
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0														
60.0	74.1	34,800 *												
65.0	72.3	32,600 *												
70.0	70.5	30,400 *												
75.0	68.7	28,400 *												
80.0	66.9	26,800 *												
85.0	65.0	25,300 *												
90.0	63.2	24,000 *	68.4	28,200 *										
95.0	61.3	22,700 *	66.6	26,400 *										
100.0	59.3	21,600 *	64.7	25,100 *										
110.0	55.3	19,400 *	60.9	22,400 *	64.1	24,600 *								
120.0	51.1	17,600 *	57.0	20,200 *	60.3	22,200 *								
130.0	46.6	16,000 *	52.8	18,200 *	56.3	20,000 *								
140.0	41.7	14,700 *	48.4	16,700 *	52.1	18,000 *	57.8	19,100 *						
150.0	36.3	13,400 *	43.8	15,200 *	47.7	16,500 *	53.7	17,400 *						
160.0	30.1	12,500 *	38.6	14,100 *	43.0	15,200 *	49.4	15,800 *	55.2	13,400 *				
170.0	22.4	11,400 *	32.8	13,000 *	37.7	13,800 *	44.8	14,300 *	50.9	12,500 *				
180.0			25.8	11,900 *	31.8	12,700 *	39.8	13,200 *	46.4	11,200 *				
190.0			16.4	11,200 *	24.6	11,700 *	34.1	12,100 *	41.6	10,100 *	47.8	8,300 *		
200.0							27.5	11,200 *	36.2	9,200 *	43.1	7,700 *		
210.0							18.8	10,400 *	29.9	8,300 *	37.9	6,800 *	44.3	5,500 *
220.0									22.2	7,700 *	31.9	6,100 *	39.2	5,100 *
230.0											24.8	5,500 *	33.5	4,600 *
240.0													26.7	4,100 *
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

170 ft Boom														
Load Radius (ft)	70 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0	73.1	88,600 *												
36.0	71.4	88,100 *												
38.0	69.6	84,400 *												
40.0	67.9	80,900 *												
42.0	66.1	77,800 *												
44.0	64.3	74,700 *												
46.0	62.4	72,000 *												
48.0	60.5	69,400 *												
50.0	58.6	67,000 *												
55.0	53.7	61,700 *	67.8	75,800 *										
60.0	48.4	57,000 *	63.3	69,200 *										
65.0	42.5	53,100 *	58.6	63,700 *										
70.0	36.0	49,600 *	53.6	58,800 *	62.3	55,900								
75.0	28.1	46,500 *	48.3	54,000 *	57.6	51,800								
80.0	17.2	43,800 *	42.5	49,800 *	52.5	47,800								
85.0			36.0	46,000 *	47.1	44,300								
90.0			28.1	42,700 *	41.2	41,200	57.2	37,400						
95.0			17.1	39,900 *	34.4	38,300	52.1	35,400						
100.0					26.1	35,900	46.7	33,200						
110.0							33.8	29,300	51.4	26,900				
120.0									39.8	24,200				
130.0									24.0	21,800				
140.0											44.5	19,800 *		
150.0											30.9	18,000 *		
160.0													35.8	14,300 *
170.0													16.9	13,200 *
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	4													

170 ft Boom														
Load Radius (ft)	80 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0	73.8	85,700 *												
38.0	72.3	82,400 *												
40.0	70.8	78,900 *												
42.0	69.2	75,800 *												
44.0	67.7	72,900 *												
46.0	66.1	70,300 *												
48.0	64.5	67,900 *												
50.0	62.9	65,400 *												
55.0	58.8	60,100 *												
60.0	54.5	55,700 *	66.9	67,600 *										
65.0	49.9	51,800 *	62.9	62,300 *										
70.0	45.0	48,200 *	58.8	57,500 *	66.0	55,500								
75.0	39.6	45,100 *	54.5	53,300 *	62.0	51,500								
80.0	33.6	42,500 *	49.9	49,300 *	57.9	47,300								
85.0	26.2	40,100 *	45.0	45,600 *	53.5	43,800								
90.0	16.1	38,100 *	39.6	42,500 *	48.9	40,700								
95.0			33.5	39,600 *	43.9	38,100	57.6	34,300						
100.0			26.2	37,200 *	38.4	35,700	53.2	32,800						
110.0					24.3	31,500	43.5	29,100	47.8	23,800				
120.0							31.6	25,700	37.1	21,300				
130.0									22.4	19,400				
140.0											41.5	17,600 *		
150.0											28.8	15,800 *		
160.0													44.9	13,000 *
170.0													33.4	12,700 *
180.0													15.7	11,400 *
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

170 ft Boom														
Load Radius (ft)	90 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0	74.3	78,500 *												
40.0	73.0	77,800 *												
42.0	71.6	75,100 *												
44.0	70.3	72,300 *												
46.0	68.9	69,400 *												
48.0	67.5	67,000 *												
50.0	66.2	64,500 *												
55.0	62.6	59,500 *												
60.0	58.9	54,800 *												
65.0	55.1	50,900 *	66.1	61,200 *										
70.0	51.1	47,600 *	62.6	56,600 *										
75.0	46.9	44,500 *	58.9	52,400 *	65.4	50,400								
80.0	42.3	41,600 *	55.1	48,900 *	61.8	47,100								
85.0	37.3	39,200 *	51.1	45,600 *	58.1	43,600								
90.0	31.6	37,200 *	46.8	42,300 *	54.3	40,500								
95.0	24.7	35,200 *	42.3	39,400 *	50.2	37,900	61.5	31,900						
100.0	15.1	34,300 *	37.2	37,000 *	45.9	35,400	57.8	30,600						
110.0			24.7	32,600 *	36.1	31,300	49.9	27,100						
120.0					22.9	27,900	40.9	24,200	53.4	22,700				
130.0							29.7	21,800	44.9	21,100				
140.0									34.9	19,100	48.3	16,300 *		
150.0									21.0	17,400 *	39.0	15,600 *		
160.0											27.1	14,300 *	42.2	11,200 *
170.0													31.4	11,200 *
180.0													14.8	9,900 *
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	3													

170 ft Boom														
Load Radius (ft)	100 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0	73.5	70,300 *												
44.0	72.3	69,700 *												
46.0	71.1	68,700 *												
48.0	69.9	66,100 *												
50.0	68.7	63,900 *												
55.0	65.5	58,600 *												
60.0	62.3	54,000 *												
65.0	59.0	50,200 *	68.7	60,400 *										
70.0	55.6	46,700 *	65.5	55,700 *										
75.0	52.1	43,600 *	62.3	51,500 *										
80.0	48.3	41,000 *	59.0	48,000 *	64.8	46,200								
85.0	44.3	38,500 *	55.6	44,900 *	61.6	43,400								
90.0	40.0	36,300 *	52.0	42,100 *	58.3	40,300								
95.0	35.3	34,300 *	48.3	39,200 *	54.8	37,600								
100.0	29.9	32,600 *	44.3	36,800 *	51.2	35,200								
110.0			35.2	32,400 *	43.4	31,000	54.6	30,200						
120.0			23.3	29,100 *	34.1	27,700	47.2	26,800						
130.0					21.7	25,100	38.7	24,000						
140.0							28.1	21,600						
150.0									50.4	20,900				
160.0									42.5	18,900				
170.0									33.0	17,100	45.6	14,900 *		
180.0									19.9	15,400 *	36.9	13,800 *		
190.0											25.7	12,500 *	39.9	10,300 *
200.0													29.7	9,900 *
210.0														
220.0														
230.0														
240.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

170 ft Boom														
110 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0														
44.0	74.0	63,900 *												
46.0	72.9	63,500 *												
48.0	71.8	63,100 *												
50.0	70.7	62,600 *												
55.0	67.9	57,500 *												
60.0	65.1	52,900 *												
65.0	62.1	48,900 *												
70.0	59.1	45,600 *	67.9	53,500 *										
75.0	56.0	42,500 *	65.0	50,000 *										
80.0	52.8	39,900 *	62.1	46,500 *										
85.0	49.5	37,400 *	59.1	43,400 *	64.4	42,300								
90.0	45.9	35,200 *	56.0	40,700 *	61.5	39,900								
95.0	42.1	33,200 *	52.8	38,300 *	58.5	37,200								
100.0	38.1	31,500 *	49.4	36,100 *	55.3	34,800								
110.0	28.4	28,400 *	42.1	32,400 *	48.7	30,800	58.2	28,400						
120.0			33.5	29,100 *	41.3	27,500	51.8	25,300						
130.0			22.2	26,000 *	32.5	24,600	44.8	22,700	54.6	19,400				
140.0					20.6	22,400	36.8	20,500	47.9	18,500				
150.0							26.8	18,700	40.4	16,700 *	50.6	13,600 *		
160.0									31.4	15,200 *	43.4	13,400 *		
170.0									19.0	13,800 *	35.1	12,100 *	45.8	9,200 *
180.0											24.4	11,000 *	28.3	9,200 *
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	3													

170 ft Boom														
120 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0	74.4	58,000 *												
48.0	73.4	57,800 *												
50.0	72.4	57,300 *												
55.0	69.8	56,400 *												
60.0	67.3	52,200 *												
65.0	64.6	48,200 *												
70.0	62.0	44,700 *												
75.0	59.2	41,800 *	67.3	48,900 *										
80.0	56.4	39,200 *	64.6	45,800 *										
85.0	53.4	36,800 *	61.9	42,700 *										
90.0	50.4	34,600 *	59.2	40,100 *	64.0	39,000								
95.0	47.2	32,600 *	56.4	37,600 *	61.4	37,000								
100.0	43.8	30,800 *	53.4	35,400 *	58.6	34,600								
110.0	36.4	27,700 *	47.2	31,700 *	52.8	30,600	61.2	27,100						
120.0	27.2	24,900 *	40.2	28,400 *	46.5	27,300	55.5	25,100						
130.0			32.1	25,700 *	39.4	24,400	49.5	22,400						
140.0			21.3	23,300 *	31.0	22,200 *	42.8	20,200	52.1	18,000 *				
150.0					19.7	20,000	35.1	18,500	45.8	16,500 *				
160.0							25.6	16,700	38.6	14,900 *	48.3	12,500 *		
170.0									30.0	13,600 *	41.4	11,900 *		
180.0									18.1	12,700 *	33.5	10,800 *	43.8	7,700 *
190.0											23.4	9,700 *	36.3	7,700 *
200.0													27.1	7,200 *
210.0														
220.0														
230.0														
240.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

170 ft Boom														
Load Radius (ft)	130 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0	73.8	52,000 *												
55.0	71.4	51,400 *												
60.0	69.1	50,700 *												
65.0	66.7	47,600 *												
70.0	64.3	44,000 *												
75.0	61.8	41,000 *	69.1	48,000 *										
80.0	59.3	38,300 *	66.7	44,900 *										
85.0	56.7	35,900 *	64.3	41,800 *										
90.0	54.0	33,900 *	61.8	39,200 *	66.2	38,500								
95.0	51.2	31,900 *	59.3	36,800 *	63.7	36,800								
100.0	48.3	30,200 *	56.6	34,600 *	61.2	34,300								
110.0	42.0	27,100 *	51.2	30,800 *	56.1	30,200 *								
120.0	34.9	24,400 *	45.2	27,700 *	50.5	26,800 *	58.5	24,600						
130.0	26.1	22,200 *	38.6	25,100 *	44.5	24,200 *	53.2	22,200						
140.0			30.8	22,900 *	37.8	21,800 *	47.4	20,000	55.5	16,700 *				
150.0			20.4	21,100 *	29.8	19,800 *	41.0	18,200	49.9	16,300 *				
160.0					18.9	18,200 *	33.7	16,500	43.9	14,700 *				
170.0							24.6	15,200	37.0	13,400 *	46.2	10,800 *		
180.0									28.8	12,300 *	39.7	10,300 *		
190.0									17.4	11,000 *	32.2	9,400 *	41.9	7,000 *
200.0											22.4	8,500 *	34.8	7,000 *
210.0													26.0	6,100 *
220.0														
230.0														
240.0														
Reeves	2													

170 ft Boom														
Load Radius (ft)	140 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	72.8	46,700 *												
60.0	70.7	46,100 *												
65.0	68.5	45,400 *												
70.0	66.2	42,900 *												
75.0	64.0	40,100 *												
80.0	61.7	37,400 *	68.5	43,400 *										
85.0	59.3	35,000 *	66.2	41,000 *										
90.0	56.9	33,000 *	64.0	38,100 *										
95.0	54.4	31,000 *	61.7	35,900 *	65.7	35,400 *								
100.0	51.8	29,300 *	59.3	33,700 *	63.5	33,900 *								
110.0	46.4	26,200 *	54.4	29,900 *	58.8	29,900 *								
120.0	40.4	23,800 *	49.2	26,800 *	53.9	26,600 *	61.0	23,100						
130.0	33.6	21,600 *	43.5	24,200 *	48.6	23,800 *	56.2	21,800						
140.0	25.1	19,400 *	37.1	22,000 *	42.8	21,600 *	51.1	19,600						
150.0			29.6	20,000 *	36.4	19,600 *	45.6	17,800	53.3	15,400 *				
160.0			19.6	18,500 *	28.7	17,800 *	39.5	16,300	48.0	14,300 *				
170.0					18.2	16,000 *	32.4	14,700	42.2	13,000 *	50.1	9,700 *		
180.0							23.6	13,600	35.6	11,600 *	44.5	9,700 *		
190.0									27.7	10,800 *	38.2	8,800 *	46.3	5,900 *
200.0									16.8	9,400 *	31.0	8,100 *	40.3	5,900 *
210.0											21.6	7,200 *	33.5	5,700 *
220.0													25.0	5,000 *
230.0														
240.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

170 ft Boom														
150 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	74.0	42,800 *												
60.0	72.0	42,300 *												
65.0	70.0	41,700 *												
70.0	67.9	40,100 *												
75.0	65.8	37,900 *												
80.0	63.7	35,700 *												
85.0	61.6	33,900 *	67.9	39,600 *										
90.0	59.4	32,400 *	65.8	37,400 *										
95.0	57.1	30,400 *	63.7	35,000 *										
100.0	54.8	28,600 *	61.6	33,000 *	65.4	32,800 *								
110.0	50.0	25,700 *	57.1	29,300 *	61.1	29,500 *								
120.0	44.7	23,100 *	52.4	26,200 *	56.6	26,200 *								
130.0	39.0	20,900 *	47.4	23,500 *	51.9	23,500 *	58.7	21,100						
140.0	32.4	19,100 *	41.9	21,300 *	46.8	21,300 *	54.1	19,400						
150.0	24.2	16,700 *	35.8	19,400 *	41.3	19,400 *	49.2	17,600	56.1	14,100 *				
160.0			28.6	17,800 *	35.1	17,600 *	43.9	16,000	51.4	13,800 *				
170.0			19.0	16,500 *	27.7	16,000 *	38.1	14,500	46.3	12,500 *				
180.0					17.6	14,700 *	31.3	13,400 *	40.7	11,400 *	48.2	8,800 *		
190.0							22.8	12,300 *	34.3	10,300 *	42.9	8,500 *		
200.0									26.8	9,400 *	36.9	7,700 *	44.7	6,600 *
210.0									16.2	8,300 *	29.9	7,000 *	38.9	6,600 *
220.0											20.8	6,100 *	32.3	6,000 *
230.0													24.1	5,500 *
240.0														
Reeves	2													

170 ft Boom														
160 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0														
60.0	73.2	38,400 *												
65.0	71.3	37,900 *												
70.0	69.4	35,400 *												
75.0	67.4	33,200 *												
80.0	65.5	31,500 *												
85.0	63.5	29,700 *	69.4	35,400 *										
90.0	61.5	28,200 *	67.4	33,500 *										
95.0	59.4	26,800 *	65.5	31,500 *										
100.0	57.3	25,500 *	63.5	29,900 *										
110.0	52.9	23,100 *	59.4	26,800 *	63.0	29,300 *								
120.0	48.3	21,100 *	55.1	24,400 *	58.9	26,000 *								
130.0	43.2	19,400 *	50.6	22,200 *	54.6	23,300 *	60.9	20,000						
140.0	37.7	18,000 *	45.8	20,500 *	50.1	20,900 *	56.7	19,100						
150.0	31.3	16,700 *	40.5	18,700 *	45.2	18,900 *	52.2	17,100						
160.0	23.4	15,400 *	34.6	17,100 *	39.9	17,400 *	47.5	15,600	54.2	13,000 *				
170.0			27.6	15,800 *	33.9	15,800 *	42.5	14,300 *	49.6	12,300 *				
180.0			18.3	14,800 *	26.8	14,800 *	36.8	13,000 *	44.7	11,000 *	51.4	7,700 *		
190.0					17.0	13,400 *	30.3	11,900 *	39.3	10,100 *	46.6	7,700 *		
200.0							22.1	11,000 *	33.2	9,000 *	41.4	7,200 *		
210.0									25.9	8,300 *	35.7	6,600 *	43.2	5,500 *
220.0									15.6	7,400 *	28.9	5,900 *	37.6	5,000 *
230.0											20.2	5,200 *	31.2	4,600 *
240.0													23.3	4,100 *
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

170 ft Boom														
Load Radius (ft)	170 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0														
60.0	74.2	34,800 *												
65.0	72.4	32,600 *												
70.0	70.6	30,600 *												
75.0	68.8	28,600 *												
80.0	67.0	26,800 *												
85.0	65.2	25,300 *												
90.0	63.3	24,000 *	68.8	28,600 *										
95.0	61.4	22,700 *	67.0	26,800 *										
100.0	59.4	21,600 *	65.2	25,500 *										
110.0	55.4	19,400 *	61.4	22,700 *	64.8	25,100 *								
120.0	51.2	17,600 *	57.5	20,500 *	61.0	22,400 *								
130.0	46.7	16,000 *	53.3	18,500 *	57.0	20,200 *								
140.0	41.9	14,700 *	49.0	16,900 *	52.9	18,200 *	58.9	18,700 *						
150.0	36.5	13,400 *	44.3	15,400 *	48.5	16,700 *	54.8	16,900 *						
160.0	30.3	12,500 *	39.3	14,100 *	43.8	15,200 *	50.6	15,400 *						
170.0	22.7	11,400 *	33.5	13,000 *	38.7	14,100 *	46.0	13,800 *	52.4	11,900 *				
180.0			26.8	12,100 *	32.9	13,000 *	41.1	13,000 *	48.0	10,500 *				
190.0			17.8	11,200 *	25.9	11,900 *	35.7	12,100 *	43.3	9,700 *	49.7	7,200 *		
200.0					16.5	11,200 *	29.3	11,200 *	38.1	8,500 *	45.1	6,800 *		
210.0							21.4	10,300 *	32.2	7,900 *	40.1	6,100 *		
220.0									25.1	7,000 *	34.5	5,500 *	41.8	5,000 *
230.0									15.2	6,100 *	28.0	4,800 *	36.4	4,600 *
240.0											19.5	4,400 *	30.3	4,100 *
Reeves	2													

Refer to notes on 70 to 71.



LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

180 ft Boom														
Load Radius (ft)	70 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0	73.4	83,100 *												
36.0	71.7	79,500 *												
38.0	69.9	76,200 *												
40.0	68.2	73,400 *												
42.0	66.4	70,500 *												
44.0	64.6	68,100 *												
46.0	62.7	65,600 *												
48.0	60.9	63,200 *												
50.0	59.0	61,200 *												
55.0	54.0	56,400 *	68.9	70,100 *										
60.0	48.7	52,200 *	64.4	64,100 *										
65.0	43.0	48,700 *	59.8	59,000 *										
70.0	36.5	45,600 *	54.9	54,600 *	63.9	55,300 *								
75.0	28.7	42,900 *	49.7	50,700 *	59.2	51,300 *								
80.0	18.2	40,300 *	44.0	47,300 *	54.3	47,100 *								
85.0			37.6	44,500 *	49.0	43,800 *								
90.0			30.2	41,800 *	43.3	40,700 *	59.7	36,500						
95.0			20.4	39,200 *	36.9	37,900 *	54.8	34,800						
100.0					29.2	35,400 *	49.6	32,600						
110.0							37.5	28,800	54.9	25,500				
120.0							20.2	25,300	44.0	23,500				
130.0									30.2	21,100				
140.0											49.3	18,200 *		
150.0											37.2	17,100 *		
160.0											19.5	15,400 *	42.4	14,900 *
170.0													27.9	13,200 *
180.0														
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	3													

180 ft Boom														
Load Radius (ft)	80 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0	74.0	78,000 *												
38.0	72.5	74,900 *												
40.0	71.0	71,800 *												
42.0	69.5	69,200 *												
44.0	68.0	66,500 *												
46.0	66.4	64,100 *												
48.0	64.8	61,900 *												
50.0	63.2	59,900 *												
55.0	59.1	55,100 *												
60.0	54.8	50,900 *	67.8	62,600 *										
65.0	50.3	47,300 *	63.9	57,500 *										
70.0	45.4	44,300 *	59.8	53,100 *										
75.0	40.0	41,600 *	55.5	49,300 *	63.4	50,200 *								
80.0	34.0	39,200 *	51.0	46,000 *	59.3	46,900 *								
85.0	26.8	37,000 *	46.2	42,900 *	55.0	43,400 *								
90.0	17.0	35,200 *	41.0	40,300 *	50.5	40,300 *								
95.0			35.1	38,100 *	45.7	37,600 *	59.7	33,700						
100.0			28.2	36,100 *	40.3	35,200 *	55.5	32,100						
110.0					27.3	31,000 *	46.2	28,400						
120.0							35.0	25,300	51.1	23,100				
130.0							18.8	22,400	41.0	20,700				
140.0									28.2	18,700				
150.0											45.9	16,500 *		
160.0											34.7	15,200 *		
170.0											18.2	13,600 *	39.5	12,500 *
180.0													26.0	11,200 *
190.0														
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

180 ft Boom														
90 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0	74.5	77,300 *												
40.0	73.2	70,900 *												
42.0	71.9	68,300 *												
44.0	70.5	65,600 *												
46.0	69.2	63,200 *												
48.0	67.8	61,000 *												
50.0	66.4	58,800 *												
55.0	62.9	54,200 *												
60.0	59.2	50,200 *												
65.0	55.4	46,500 *	67.0	55,500 *										
70.0	51.4	43,400 *	63.5	51,500 *										
75.0	47.2	40,700 *	59.8	48,000 *	66.6	47,600 *								
80.0	42.6	38,300 *	56.1	44,700 *	63.1	45,800 *								
85.0	37.6	36,100 *	52.1	41,800 *	59.4	43,200 *								
90.0	32.0	34,100 *	47.9	39,400 *	55.6	40,100 *								
95.0	25.2	32,400 *	43.4	37,000 *	51.6	37,400 *								
100.0	16.0	30,800 *	38.5	35,000 *	47.4	35,000 *	59.8	31,000						
110.0			26.5	31,700 *	37.9	31,000 *	52.0	28,200						
120.0					25.6	27,700 *	43.3	25,100	56.1	21,800				
130.0							32.9	22,400	47.9	20,500				
140.0							17.7	20,200	38.6	18,500 *				
150.0									26.5	16,700 *				
160.0											43.1	14,500 *		
170.0											32.6	13,400 *		
180.0											17.1	12,100 *		
190.0													37.1	11,000 *
200.0													24.5	9,700 *
210.0														
220.0														
230.0														
240.0														
Reeves	3													

180 ft Boom														
100 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0	73.7	65,500 *												
44.0	72.5	64,800 *												
46.0	71.3	62,300 *												
48.0	70.1	60,100 *												
50.0	68.9	57,900 *												
55.0	65.8	53,300 *												
60.0	62.6	49,300 *												
65.0	59.3	45,800 *	69.4	54,600 *										
70.0	55.9	42,500 *	66.3	50,700 *										
75.0	52.3	39,900 *	63.1	46,900 *										
80.0	48.6	37,400 *	59.8	43,800 *	65.9	45,600 *								
85.0	44.6	35,200 *	56.5	41,000 *	62.8	42,700 *								
90.0	40.3	33,200 *	52.9	38,500 *	59.5	39,900 *								
95.0	35.6	31,500 *	49.2	36,300 *	56.1	37,200 *								
100.0	30.3	29,900 *	45.3	34,100 *	52.5	34,800 *								
110.0	15.1	27,300 *	36.4	30,800 *	44.8	30,800 *	56.4	28,200						
120.0			25.1	27,900 *	35.9	27,500 *	49.2	25,100						
130.0					24.3	24,600 *	41.0	22,700	53.0	20,200				
140.0							31.2	20,500	45.3	18,200 *				
150.0							16.8	18,200	36.5	16,500 *	49.0	13,200 *		
160.0									25.1	15,200 *	40.8	13,000 *		
170.0											30.9	11,900 *	44.2	11,000 *
180.0											16.2	10,500 *	35.1	10,100 *
190.0													23.2	9,200 *
200.0														
210.0														
220.0														
230.0														
240.0														
Reeves	3													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

180 ft Boom														
110 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0														
44.0	74.2	59,000 *												
46.0	73.1	59,000 *												
48.0	72.0	58,600 *												
50.0	70.9	56,800 *												
55.0	68.1	52,000 *												
60.0	65.3	48,000 *												
65.0	62.3	44,500 *												
70.0	59.3	41,400 *	68.6	49,100 *										
75.0	56.3	38,800 *	65.7	45,800 *										
80.0	53.0	36,300 *	62.8	42,500 *										
85.0	49.7	34,100 *	59.9	39,900 *	65.4	41,600 *								
90.0	46.2	32,100 *	56.8	37,200 *	62.5	39,400 *								
95.0	42.4	30,400 *	53.6	35,000 *	59.5	36,800 *								
100.0	38.3	28,600 *	50.3	33,000 *	56.4	34,300 *								
110.0	28.8	26,000 *	43.1	29,500 *	49.9	30,400 *	59.8	26,600						
120.0			34.7	26,600 *	42.6	27,100 *	53.5	24,600						
130.0			23.9	24,400 *	34.1	24,400 *	46.7	22,200						
140.0					23.1	22,000 *	39.0	20,000	50.3	17,800 *				
150.0							29.7	18,200	43.1	16,300 *				
160.0							16.0	16,500	34.7	14,700 *	46.5	11,900 *		
170.0									23.9	13,400 *	38.8	11,400 *		
180.0											29.4	10,300 *	42.0	9,400 *
190.0											15.4	8,800 *	33.4	8,500 *
200.0													22.1	7,700 *
210.0														
220.0														
230.0														
240.0														
Reeves	2													

180 ft Boom														
120 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0	73.5	53,800 *												
50.0	72.5	53,400 *												
55.0	70.0	50,700 *												
60.0	67.4	46,700 *												
65.0	64.8	43,400 *												
70.0	62.1	40,500 *												
75.0	59.4	37,900 *	67.9	44,500 *										
80.0	56.6	35,400 *	65.3	41,800 *										
85.0	53.7	33,200 *	62.6	39,000 *										
90.0	50.6	31,500 *	59.9	36,500 *	65.0	38,300 *								
95.0	47.4	29,700 *	57.1	34,300 *	62.3	36,500 *								
100.0	44.1	27,900 *	54.2	32,400 *	59.6	34,100 *								
110.0	36.6	25,300 *	48.0	28,800 *	53.8	30,200 *								
120.0	27.6	23,100 *	41.1	26,000 *	47.6	26,800 *	57.0	24,400						
130.0			33.1	23,500 *	40.7	24,000 *	51.1	22,000						
140.0			22.8	21,600 *	32.6	21,800 *	44.6	19,800	54.2	16,500 *				
150.0					22.1	19,800 *	37.3	18,000	48.0	15,800 *				
160.0							28.3	16,500	41.2	14,500 *	50.9	11,000 *		
170.0							15.3	14,900	33.2	13,200 *	44.4	11,000 *		
180.0									22.9	11,900 *	37.1	9,900 *		
190.0											28.1	9,000 *	40.2	7,900 *
200.0											14.8	8,100 *	32.0	7,000 *
210.0													21.1	6,100 *
220.0														
230.0														
240.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

180 ft Boom														
Load Radius (ft)	130 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0	73.9	49,400 *												
55.0	71.6	48,100 *												
60.0	69.3	46,000 *												
65.0	66.9	42,700 *												
70.0	64.5	39,600 *												
75.0	62.0	37,000 *												
80.0	59.4	34,600 *	67.3	40,500 *										
85.0	56.8	32,600 *	64.9	38,100 *										
90.0	54.2	30,600 *	62.4	35,700 *										
95.0	51.4	28,800 *	59.9	33,500 *	64.6	35,400 *								
100.0	48.5	27,300 *	57.3	31,500 *	62.1	33,900 *								
110.0	42.3	24,600 *	51.9	28,200 *	57.0	29,700 *								
120.0	35.1	22,200 *	46.0	25,300 *	51.5	26,600 *	59.8	22,900						
130.0	26.4	20,200 *	39.4	22,900 *	45.6	23,800 *	54.6	21,600						
140.0			31.8	20,700 *	39.0	21,600 *	48.9	19,600						
150.0			21.9	19,100 *	31.3	19,600 *	42.8	17,800	51.9	15,200 *				
160.0					21.2	17,800 *	35.7	16,000	46.0	14,100 *				
170.0							27.2	14,700 *	39.5	12,700 *	48.8	9,400 *		
180.0							14.6	13,200 *	31.8	11,600 *	42.6	9,400 *		
190.0									22.0	10,500 *	35.5	8,500 *	45.2	7,700 *
200.0											26.9	7,900 *	38.5	6,800 *
210.0													30.7	5,900 *
220.0													20.3	5,000 *
230.0														
240.0														
Reeves	2													

180 ft Boom														
Load Radius (ft)	140 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	73.0	44,300 *												
60.0	70.8	43,400 *												
65.0	68.6	41,600 *												
70.0	66.4	38,500 *												
75.0	64.1	35,900 *												
80.0	61.8	33,700 *	69.0	39,400 *										
85.0	59.5	31,500 *	66.8	37,000 *										
90.0	57.1	29,700 *	64.5	34,600 *										
95.0	54.6	27,900 *	62.2	32,400 *	66.5	33,900 *								
100.0	52.0	26,400 *	59.9	30,400 *	64.3	32,600 *								
110.0	46.6	23,500 *	55.0	27,100 *	59.6	29,500 *								
120.0	40.6	21,300 *	49.8	24,200 *	54.7	26,200 *								
130.0	33.8	19,400 *	44.2	21,800 *	49.5	23,500 *	57.4	21,100						
140.0	25.5	17,800 *	37.9	19,800 *	43.9	21,100 *	52.4	19,100						
150.0			30.6	18,000 *	37.5	19,100 *	47.0	17,400	55.0	13,600 *				
160.0			21.1	16,700 *	30.1	17,600 *	41.1	15,800	49.8	13,600 *				
170.0					20.4	16,000 *	34.4	14,300 *	44.2	12,300 *				
180.0							26.2	13,200 *	38.0	11,200 *	46.9	8,100 *		
190.0									30.6	10,100 *	41.0	8,100 *		
200.0									21.1	9,200 *	34.2	7,200 *	43.4	6,100 *
210.0											25.9	6,600 *	37.0	5,200 *
220.0													29.5	4,400 *
230.0														
240.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

180 ft Boom														
150 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0	74.1	40,300 *												
60.0	72.1	39,900 *												
65.0	70.1	39,500 *												
70.0	68.1	37,900 *												
75.0	66.0	35,200 *												
80.0	63.9	33,000 *												
85.0	61.7	30,800 *	68.4	35,900 *										
90.0	59.5	29,100 *	66.3	33,900 *										
95.0	57.3	27,300 *	64.2	31,700 *										
100.0	55.0	25,700 *	62.1	29,700 *	66.1	32,400 *								
110.0	50.1	22,900 *	57.7	26,400 *	61.8	28,800 *								
120.0	44.9	20,700 *	53.0	23,500 *	57.4	25,500 *								
130.0	39.2	18,700 *	48.0	21,100 *	52.7	22,900 *	59.9	19,800						
140.0	32.6	16,900 *	42.6	19,100 *	47.7	20,700 *	55.3	18,900						
150.0	24.6	15,600 *	36.6	17,400 *	42.3	18,700 *	50.5	17,100						
160.0			29.5	15,800 *	36.2	16,900 *	45.3	15,600 *	53.0	12,500 *				
170.0			20.4	14,500 *	29.1	15,600 *	39.7	14,100 *	48.0	11,900 *				
180.0					19.7	14,300 *	33.2	13,000 *	42.6	10,800 *	50.4	7,200 *		
190.0							25.3	11,900 *	36.6	9,900 *	45.2	7,200 *		
200.0									29.6	8,800 *	39.5	7,000 *		
210.0									20.4	8,100 *	33.0	6,300 *	41.9	5,900 *
220.0											25.0	5,700 *	35.7	5,500 *
230.0													28.5	5,000 *
240.0													18.8	4,600 *
Reeves	2													

180 ft Boom														
160 ft Jib														
Load Radius (ft)	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0														
60.0	73.3	36,800 *												
65.0	71.4	36,200 *												
70.0	69.5	35,500 *												
75.0	67.6	33,500 *												
80.0	65.6	31,500 *												
85.0	63.6	29,900 *												
90.0	61.6	28,400 *	67.9	32,600 *										
95.0	59.6	26,600 *	66.0	31,000 *										
100.0	57.4	25,100 *	64.0	29,100 *										
110.0	53.1	22,200 *	59.9	25,700 *	63.7	27,500 *								
120.0	48.4	20,000 *	55.7	22,900 *	59.7	24,400 *								
130.0	43.4	18,000 *	51.2	20,500 *	55.4	22,000 *								
140.0	37.9	16,300 *	46.4	18,500 *	50.9	19,800 *	57.8	18,200						
150.0	31.6	14,900 *	41.2	16,700 *	46.1	18,000 *	53.4	16,700 *						
160.0	23.8	13,600 *	35.4	15,200 *	40.9	16,300 *	48.8	15,200 *	55.7	11,400 *				
170.0			28.6	13,800 *	35.0	14,900 *	43.8	13,800 *	51.2	11,400 *				
180.0			19.7	12,500 *	28.1	13,800 *	38.3	12,700 *	46.4	10,500 *				
190.0					19.1	12,500 *	32.1	11,400 *	41.2	9,400 *	48.7	6,300 *		
200.0							24.4	10,800 *	35.4	8,500 *	43.7	6,300 *		
210.0									28.6	7,700 *	38.2	5,900 *	45.7	5,500 *
220.0									19.7	7,000 *	31.9	5,200 *	40.5	5,000 *
230.0											24.2	4,600 *	34.6	4,600 *
240.0														
Reeves	2													

Refer to notes on 70 to 71.

LUFFING BOOM/JIB - LIFTING CHART

Luffing Jib Lift Capacity

Counterweights : 165,900 lbs Carbody weights : 66,100 lbs

180 ft Boom														
Load Radius (ft)	170 ft Jib													
	Boom Angle (deg.)													
	88		83		80		75		70		65		60	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
34.0														
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
48.0														
50.0														
55.0														
60.0	74.3	33,100 *												
65.0	72.5	32,800 *												
70.0	70.8	30,600 *												
75.0	69.0	28,600 *												
80.0	67.1	27,100 *												
85.0	65.3	25,500 *												
90.0	63.4	24,000 *	69.3	29,100 *										
95.0	61.5	22,700 *	67.5	27,300 *										
100.0	59.6	21,600 *	65.6	25,700 *										
110.0	55.6	19,600 *	61.8	23,100 *	65.4	25,500 *								
120.0	51.4	17,600 *	57.9	20,700 *	61.6	22,900 *								
130.0	46.9	16,000 *	53.9	18,700 *	57.7	20,500 *								
140.0	42.1	14,700 *	49.5	16,900 *	53.6	18,700 *	59.9	17,800 *						
150.0	36.7	13,400 *	44.9	15,600 *	49.3	16,900 *	55.9	16,500 *						
160.0	30.6	12,100 *	39.9	14,300 *	44.7	15,400 *	51.7	14,900 *						
170.0	23.0	11,000 *	34.3	13,000 *	39.6	14,100 *	47.2	13,400 *	53.9	11,000 *				
180.0			27.7	11,600 *	33.9	12,700 *	42.4	12,300 *	49.6	9,900 *				
190.0			19.1	10,300 *	27.3	11,400 *	37.1	11,000 *	44.9	9,000 *				
200.0					18.5	10,100 *	31.1	10,100 *	39.9	8,100 *	47.1	6,100 *		
210.0							23.7	9,200 *	34.3	7,200 *	42.3	5,500 *		
220.0									27.7	6,600 *	37.0	4,800 *		
230.0									19.1	5,700 *	30.9	4,400 *		
240.0											23.5	3,900 *		
Reeves	2													

Refer to notes on 70 to 71.

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