

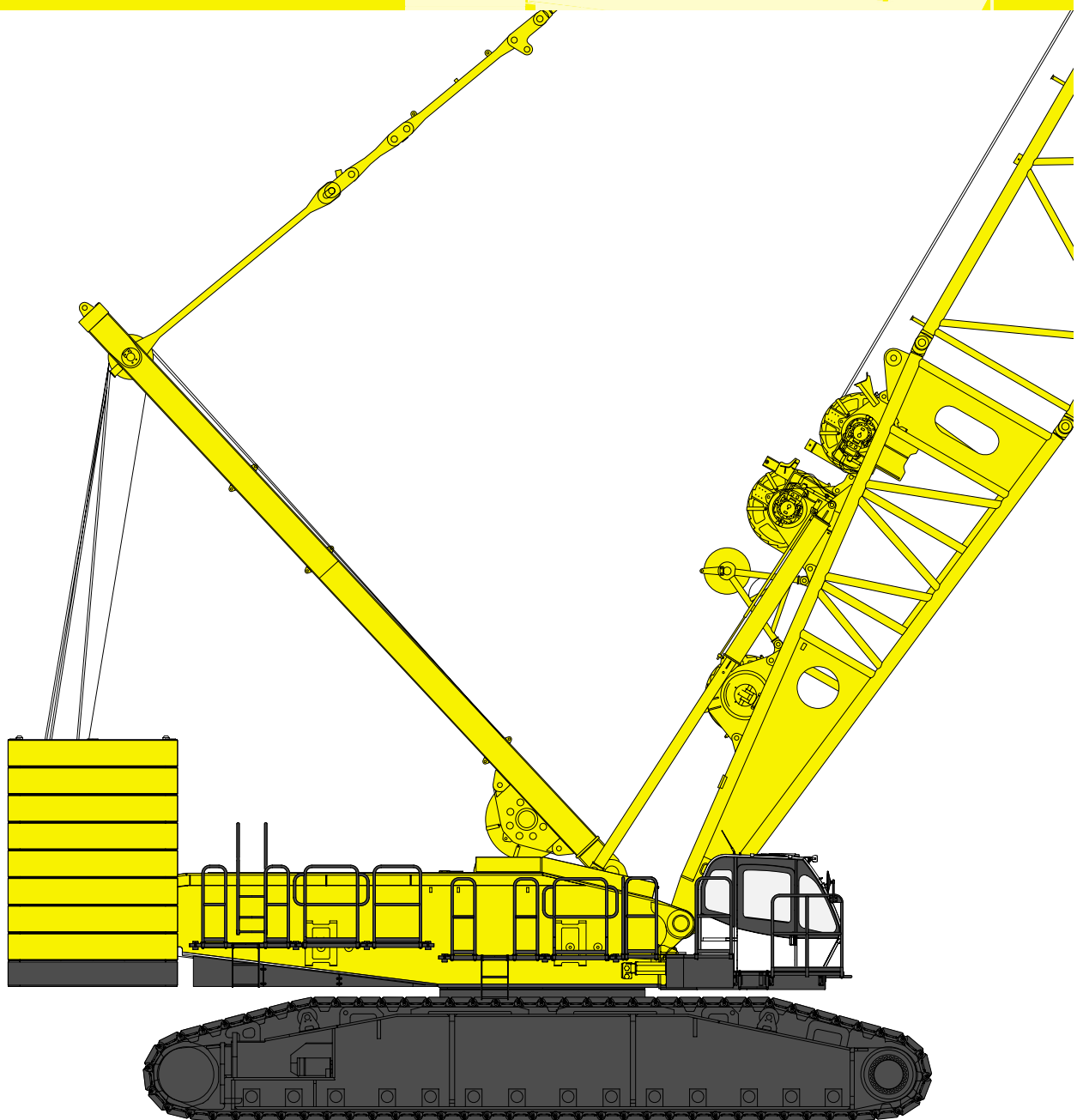


HYDRAULIC CRAWLER CRANE

SL6000

KOBELCO

Model: SL6000



Max. Lifting Capacity: 600 US ton x 27.2 ft
Max. Crane Boom Length: 413 ft
Max. Luffing Jib Combination: 276 ft + 276 ft



CONFIGURATION

STD Long Boom

Max. Lifting Capacity:
216,000 lbs x 49 ft
Max. Boom Length: 354 ft

STD Luffing Boom

Max. Lifting Capacity:
661,300 lbs x 30.5 ft
Max. Boom Length: 276 ft

HL Luffing Boom

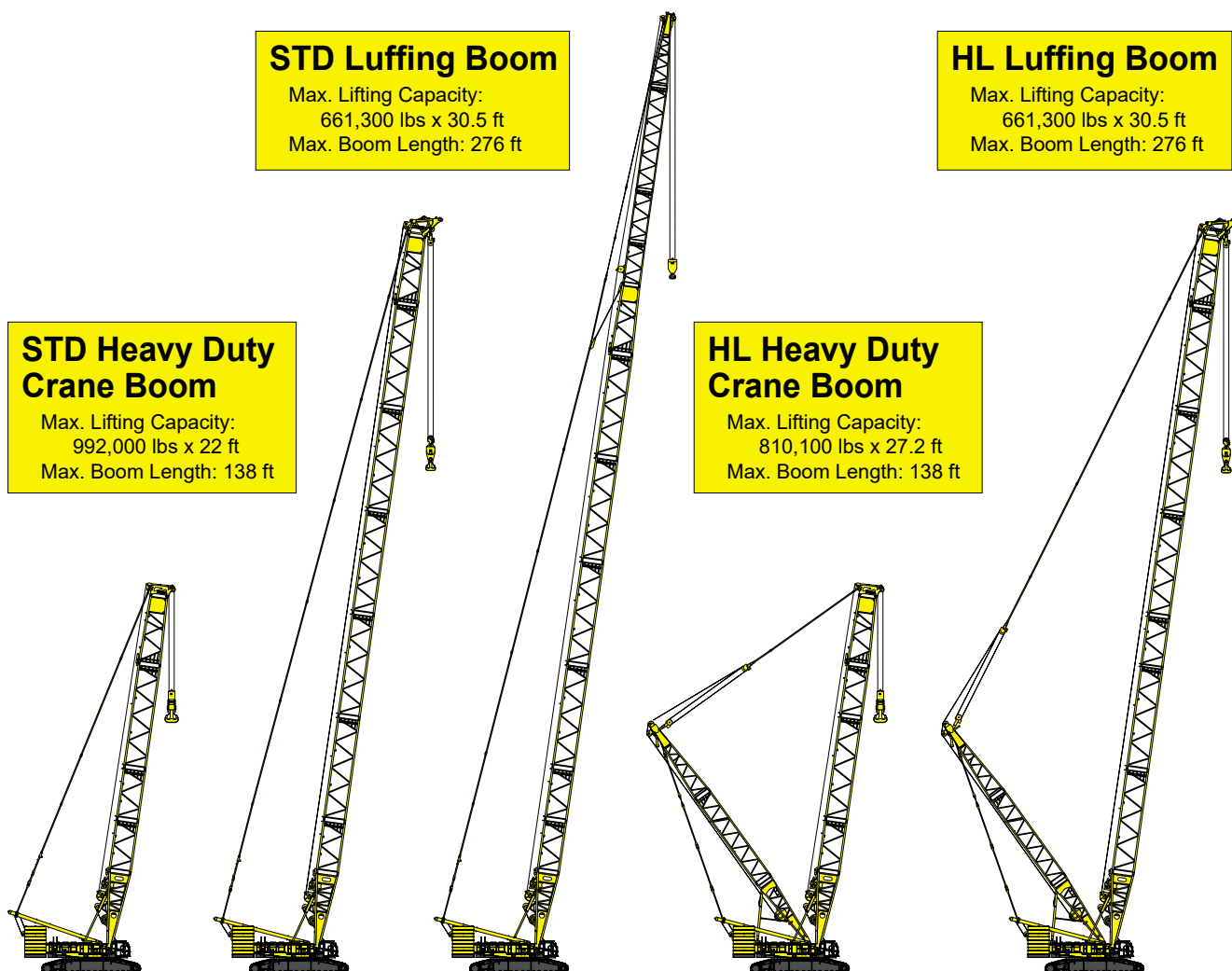
Max. Lifting Capacity:
661,300 lbs x 30.5 ft
Max. Boom Length: 276 ft

STD Heavy Duty Crane Boom

Max. Lifting Capacity:
992,000 lbs x 22 ft
Max. Boom Length: 138 ft

HL Heavy Duty Crane Boom

Max. Lifting Capacity:
810,100 lbs x 27.2 ft
Max. Boom Length: 138 ft





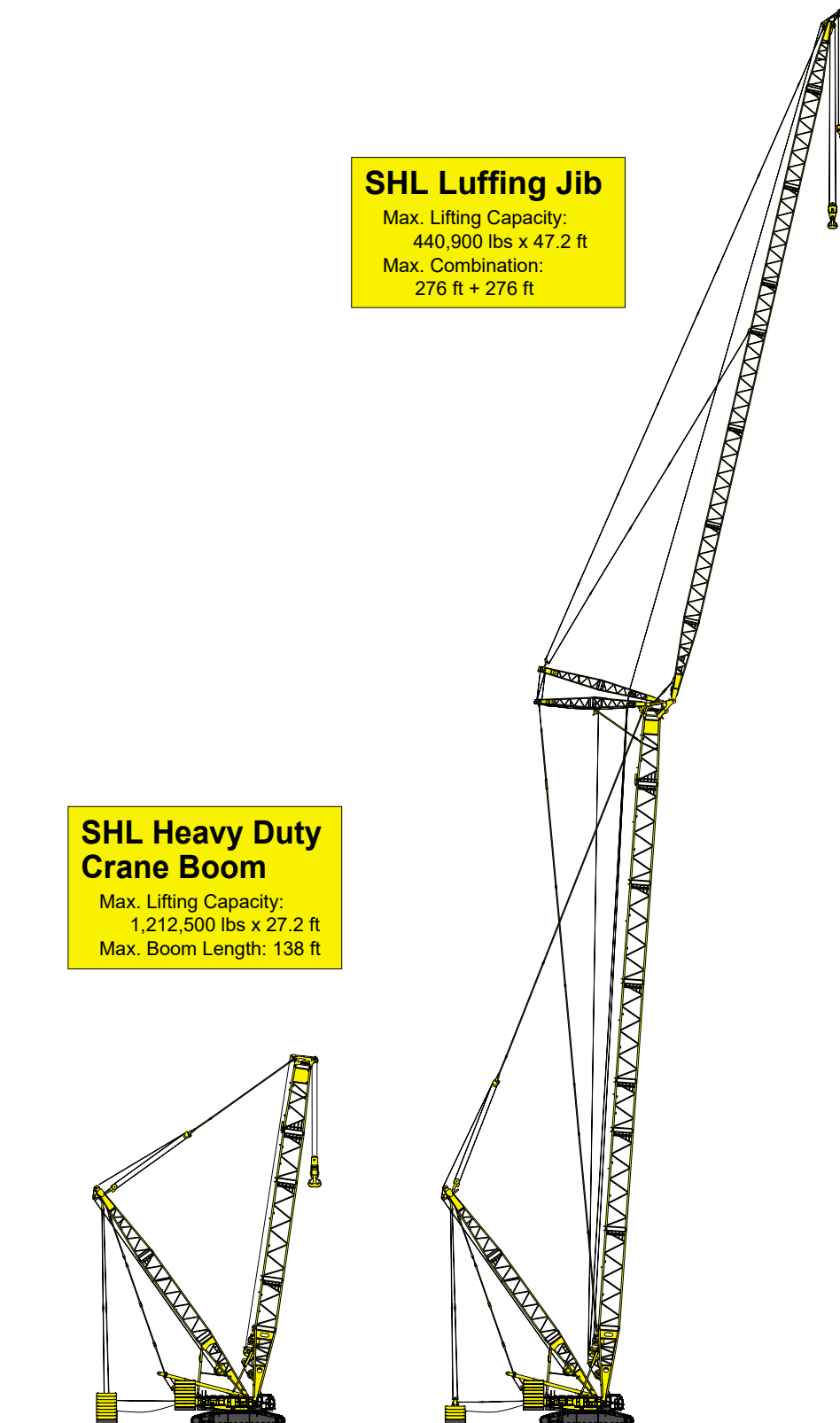
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SHL Luffing Jib

Max. Lifting Capacity:
440,900 lbs x 47.2 ft
Max. Combination:
276 ft + 276 ft

SHL Heavy Duty Crane Boom

Max. Lifting Capacity:
1,212,500 lbs x 27.2 ft
Max. Boom Length: 138 ft



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SPECIFICATIONS



Power Plant

Model: Hino diesel engine E13C-UV
Type: Water-cooled, direct fuel injection, with turbocharger
 Complies with US EPA Tier III.
Displacement: 788 cu in (12.913 liters)
Rated Power: 429 HP/2,000 rpm (320 kW/2,000 min⁻¹)
Max. torque: 1,218 lb-ft/1,300 rpm (1,650 N-m/1,300 min⁻¹)
Cooling system: Liquid, recirculating bypass
Starter: 24 V/6 kW
Radiator: Corrugated type core, thermostatically controlled
Air cleaner: Dry type with replaceable paper element
Throttle: Twist grip type hand throttle, electrically actuated
Fuel filter: Replaceable paper element
Batteries: Two 12V x 136Ah/5HR capacity batteries, parallel connected.
Fuel tank capacity: 158 US gal. (600 liters)



Hydraulic System

Six variable displacement piston pumps are driven by heavy-duty pump drive. Two variable displacement pumps are used in H1 (main hook hoist) and right hand side propel circuit. Two variable displacement pumps are used in H2 (auxiliary hook hoist) and left hand side propel circuit. One of the other two pumps is used in W1 (boom), W2 (jib) or W3 (SHL mast) hoist circuit, and the other is used in the swing circuit.
Control: Full-flow hydraulic control system for infinitely variable pressure to all winches, propel and swing.
 Controls respond instantly to the touch, delivering smooth function operation.
Cooling: Oil-to-air heat exchanger (plate-fin type)
Filtration: Full-flow and bypass type with replaceable element
Electrical system: All wiring corded for easy servicing, individual fused branch circuits.

Max. relief valve pressure: 4,620 psi (31.9 MPa)

Reservoir capacity: 188 US gal. (710 liters)



Boom Hoisting System

Powered by a hydraulic motor through a planetary reducer.
Brake: A spring-set, hydraulically released multiple-disc brake is mounted on the boom hoist motor and operated through a counter-balance valve.
Drum lock: External ratchet for locking drum.
Drum: Double drum, grooved for 28 mm dia. wire rope.
Line speed: Double line on first drum layer
Hoisting/Lowering: 66~7 ft/min (20~2 m/min) x 2
Boom hoist reeving: 30 parts of 28 mm dia. high strength wire rope
Boom backstops: Required for all boom lengths



Load Hoist System

H1 and H2 drums for load hoist powered by a hydraulic variable plunger motors, driven through planetary reducers.
Brake: A spring-set, hydraulically released multiple-disc brake is mounted on the hoist motor and operated through a counter-balance valve.
Drum lock: External ratchet for locking drum.
Drums:
H1 and H2:
 25.2" (640 mm) P.C.D. x 53.8" (1,367.1 mm) Lg. wide drum, grooved for 28 mm wire rope. Rope capacity is 2,723 ft (830 m) working length and 3,500 ft (1,080 m) storage length.
Note: Rope lengths listed above denote drum capacity and may differ from actual rope lengths supplied when machinery is shipped.
Line speed: 360 ~ 10 ft/min (110 ~ 3 m/min)
 Single line on the first layer
Rated line pull: 30,860 lbs (137 kN)



Swing System

Swing unit is powered by hydraulic motor driving spur gears through planetary reducers (4 sets), the swing system provides 360° rotation.
Swing parking brakes: A spring-set, hydraulically released multiple-disc brake is mounted on swing motor.
Swing circle: Triple-row roller bearing with an integral internally cut swing gear.
Swing speed: 0.9 rpm (0.9 min⁻¹)



Upper Structure

Torsion-free precision machined upper frame. All components are located clearly and service friendly. Engine with low noise level.



Cab & Control

Totally enclosed, full vision cab with safety glass, fully adjustable, high backed seat with a head-rest and armrests, and intermittent wiper and window washer (roof and front window).
Cab fittings:
 Air conditioner, convenient compartment (for tool), cup holder, ashtray, cigarette lighter, sun visor, roof blind, tinted glass, floor mat, foot-rest, shoe tray
Controls:
 Five adjustable levers for all winches and swing controls

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Lower Structure

Steel-welded carbody with axles. Crawler assemblies are designed with quick disconnect feature for individual removal as a unit from axles. Crawler belt tension is maintained by hydraulic jack force on the track-adjusting bearing block.

Crawler drive: Two independent hydraulic propel drive is built into each crawler side frame. Each drive consists of a hydraulic motor propelling a driving tumbler through a planetary gear box. Hydraulic motor and gear box are built into the crawler side frame within the shoe width.

Crawler brakes: Spring-set, hydraulically released parking brakes are built into each propel drive.

Steering mechanism: A hydraulic propel system provides both skid steering (driving one track only) and counter-rotating steering (driving each track in opposite directions).

Track rollers: Sealed track rollers.

Shoes (flat): 72 shoes, 59" (1,500 mm) wide each crawler

Max. travel speed: 0.6 - 0.4 mph (1.0/0.4 km/h)

Max. gradeability: 20%



Weight

Including base machine, counterweights =396,800 lbs (180 metric ton), carbody weights =110,200 lbs (50 metric ton), 79 ft (24 m) boom with heavy boom tip and 992,000 lbs (450 metric ton) hook block. Not include quick connection device and upper transifter.

Weight: 934,700 lbs (424 metric ton)

Ground pressure: 19.9 psi (136 kPa)



Attachment

Boom and Jib:

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

Boom and Jib Length

	Min. Length (Min. Combination)	Max. Length (Max. Combination)
STANDARD		
Crane Boom	79 ft	354 ft
Luffing Jib	98 ft + 79 ft	197 ft + 236 ft
HEAVY LIFT		
Crane Boom	118 ft	354 ft
Luffing Jib	118 ft + 79 ft	217 ft + 236 ft
SUPER HEAVY LIFT		
Crane Boom	118 ft	413 ft
Luffing Jib	118 ft + 79 ft	276 ft + 276 ft

Main Specifications (Model: SL6000)

Lift Enhancer	STD	HL	SHL
HL Mast	-	98 ft	98 ft
Additional Weight	-	-	~551,100 lbs
Heavy Duty Crane Boom			
Max. Lifting Capacity	992,000 lbs	810,100 lbs	1,212,500 lbs
	22 ft		
Length	79 ~ 138 ft	118 ~ 138 ft	118 ~ 138 ft
Crane Boom			
Max. Lifting Capacity	661,300 lbs	661,300 lbs	661,300 lbs
	30.5 ft		
Length	98 ~ 276 ft	118 ~ 276 ft	118 ~ 276 ft
Long Boom			
Length	295 ~ 354 ft	295 ~ 354 ft	295 ~ 413 ft
Luffing Jib			
Max. Lifting Capacity	375,600 lbs	440,900 lbs	440,900 lbs
Max. Combination (Boom) (Jib)	197 ft	217 ft	276 ft
	236 ft	236 ft	276 ft
Luffing Angle	66° ~ 86°		
Power Plant			
Model	Hino E13C-UV		
Engine Output	429 HP (320 kW)/2,000 rpm (min ⁻¹)		
Fuel Tank Capacity	158 US gal (600 liters)		

Hoist Winch (H1, H2)

Max. Line Speed	360 ft (110 m/min): 1st layer
Rated Line Pull (Single line)	30,860 lbs (137 kN)
Wire Rope Diameter	28 mm
Wire Rope Length	2,723 ft (830 m)

Working Speed

Swing	0.9 rpm (0.9 min ⁻¹)
Travel	0.6/0.4 mph (1.0/0.6 km/h)

Hydraulic System

Pumps	6 variable displacement
Max. Pressure	4,620 psi (31.9 MPa)
Hydraulic Tank Capacity	188 US gal (710 liters)

Weight

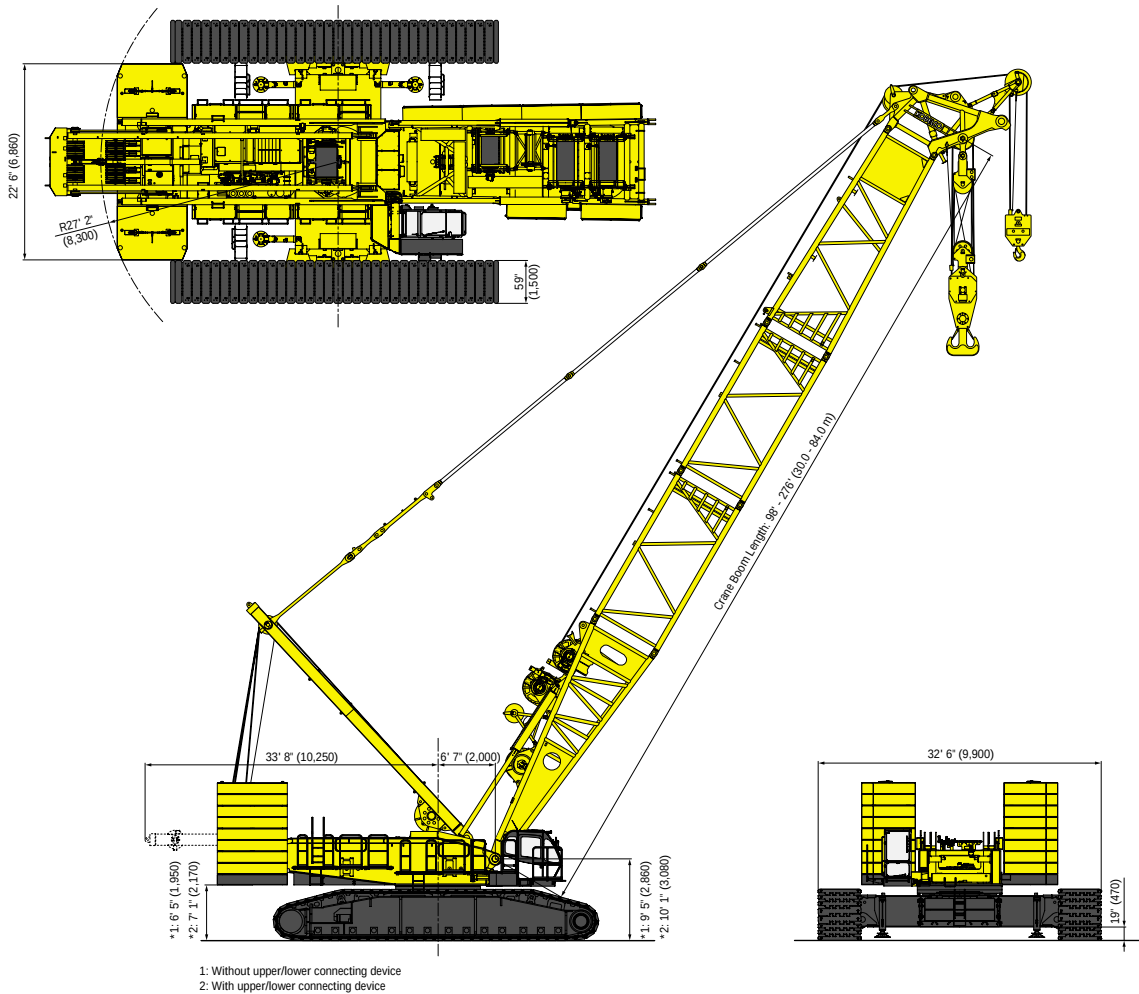
Working Weight*	Approx. 934,700 lbs (424 metric ton)
Ground Pressure*	19.9 psi (136 kPa)
Counterweight	Upper: 396,800 lbs (180 metric ton) Lower: 110,200 lbs (50 metric ton)

* Including base machine, counterweights =396,800 lbs (180 metric ton), carbody weights = 110,200 lbs (50 metric ton), 79 ft (24 m) boom with heavy boom tip and 992,000 lbs (450 metric ton) hook block. Not include quick connection device and upper transifter.

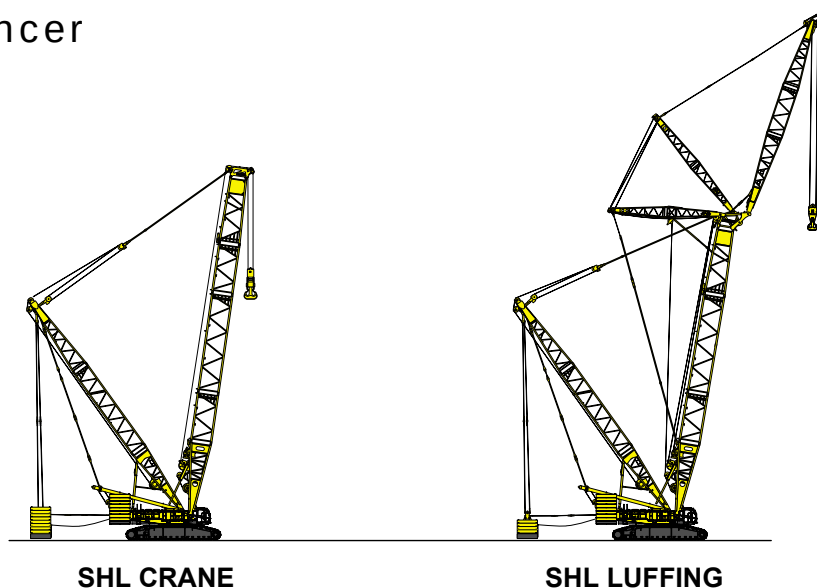
GENERAL DIMENSIONS

Crane Boom

Unit: ft-in (mm)



Lift Enhancer

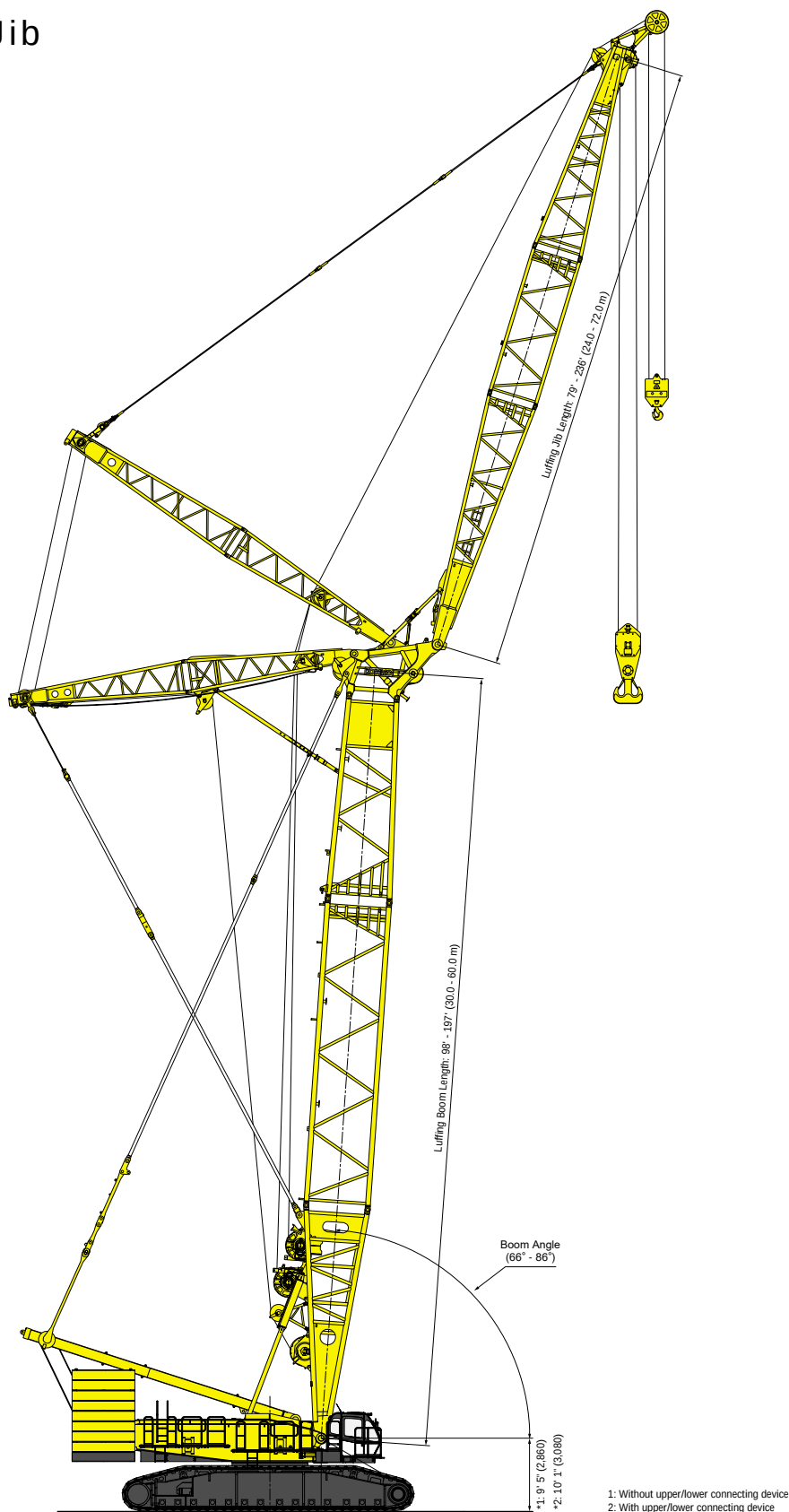


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Luffing Jib

Unit: ft-in (mm)



STANDARD

BOOM AND JIB ARRANGEMENTS

Heavy Duty Crane
Boom Arrangements

Boom length ft (m)	Boom arrangement
79 (24)	※
98 (30)	※
118 (36)	※
138 (42)	※

Symbol	Boom Length	Remarks
	29.5 ft (9.0 m)	Boom Base
	26.2 ft (8.0 m)	Tapered Boom
	19.7 ft (6.0 m)	Insert Boom
	39.4 ft (12.0 m)	Insert Boom
	3.3 ft (1.0 m)	Boom Top

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

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

Luffing Boom Arrangements
for Crane

Boom length ft (m)	Boom arrangement
98 (30)	※
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※
217 (66)	※
236 (72)	※
256 (78)	※
276 (84)	※

Symbol	Boom Length	Remarks
	29.5 ft (9.0 m)	Boom Base
	26.2 ft (8.0 m)	Tapered Boom
	19.7 ft (6.0 m)	Insert Boom
	39.4 ft (12.0 m)	Insert Boom
	3.3 ft (1.0 m)	Boom Top

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

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

Long Boom Arrangements

Boom length ft (m)	Boom arrangement
295 (90)	
315 (96)	※
335 (102)	※
354 (108)	※

Symbol	Boom Length	Remarks
	29.5 ft (9.0 m)	Boom Base
	26.2 ft (8.0 m)	Tapered Boom
	19.7 ft (6.0 m)	Insert Boom
	39.4 ft (12.0 m)	Insert Boom
	16.4 ft (5.0 m)	Luffing Insert Jib
	19.7 ft (6.0 m)	Luffing Insert Jib
	39.4 ft (12.0 m)	Luffing Insert Jib
	26.2 ft (8.0 m)	Boom Top

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

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

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Luffing Boom Arrangements for Luffing

Boom length ft (m)	Boom arrangement
98 (30)	※
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※

Symbol	Boom Length	Remarks
	29.5 ft (9.0 m)	Boom Base
	26.2 ft (8.0 m)	Tapered Boom
	19.7 ft (6.0 m)	Insert Boom
	39.4 ft (12.0 m)	Insert Boom
	3.3 ft (1.0 m)	Boom Top

↗ mark shows the guy line installing position when the fixed jib is used.
 ※ indicates the most flexible combination of insert luffing booms, which can be modified to form all shorter luffing boom arrangements.

Luffing Jib Arrangements

Jib length ft (m)	Jib arrangement
79 (24)	
98 (30)	※
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※
217 (66)	※
236 (72)	※

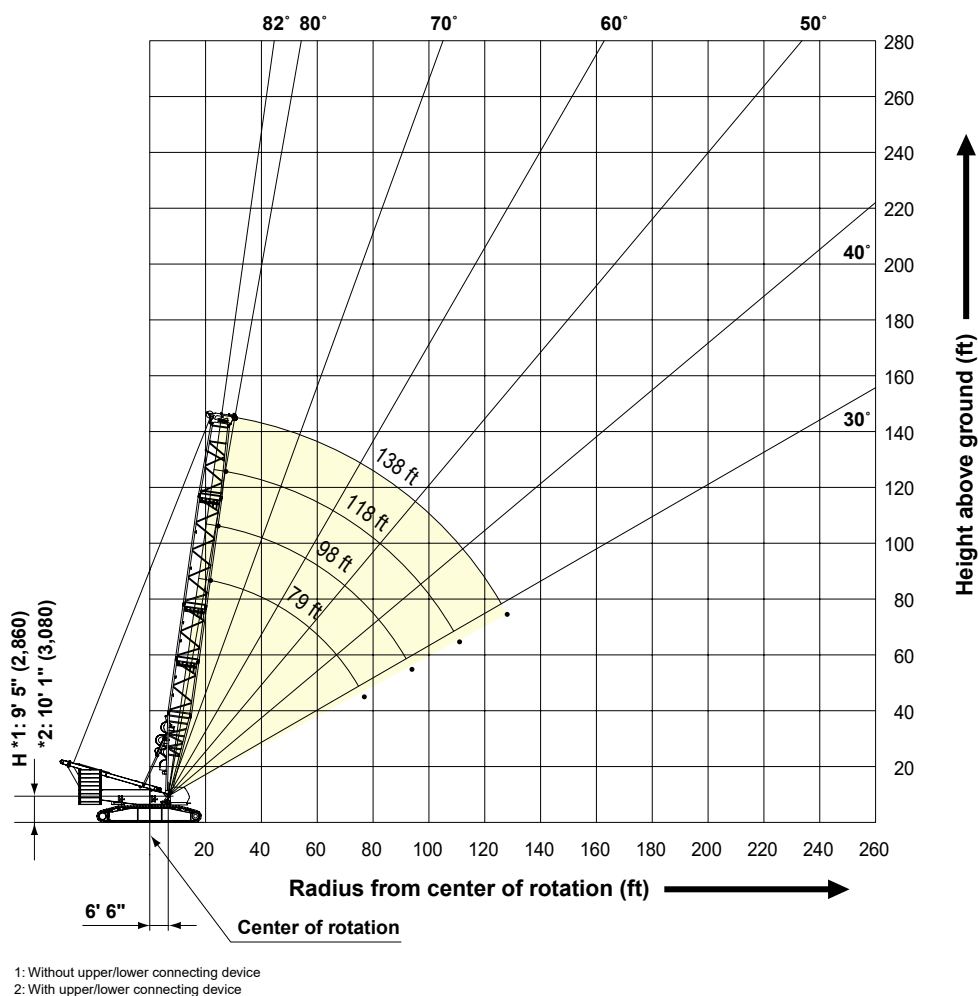
Symbol	Jib Length	Remarks
	32.8 ft (10.0 m)	Jib Base
	19.7 ft (6.0 m)	Luffing Insert Jib
	39.4 ft (12.0 m)	Luffing Insert Jib
	26.2 ft (8.0 m)	Jib Top

↗ mark shows the guy line installing position when the fixed jib is used.
 ※ indicates the most flexible combination of insert luffing jibs, which can be modified to form all shorter luffing jib arrangements.

STANDARD

WORKING RANGES

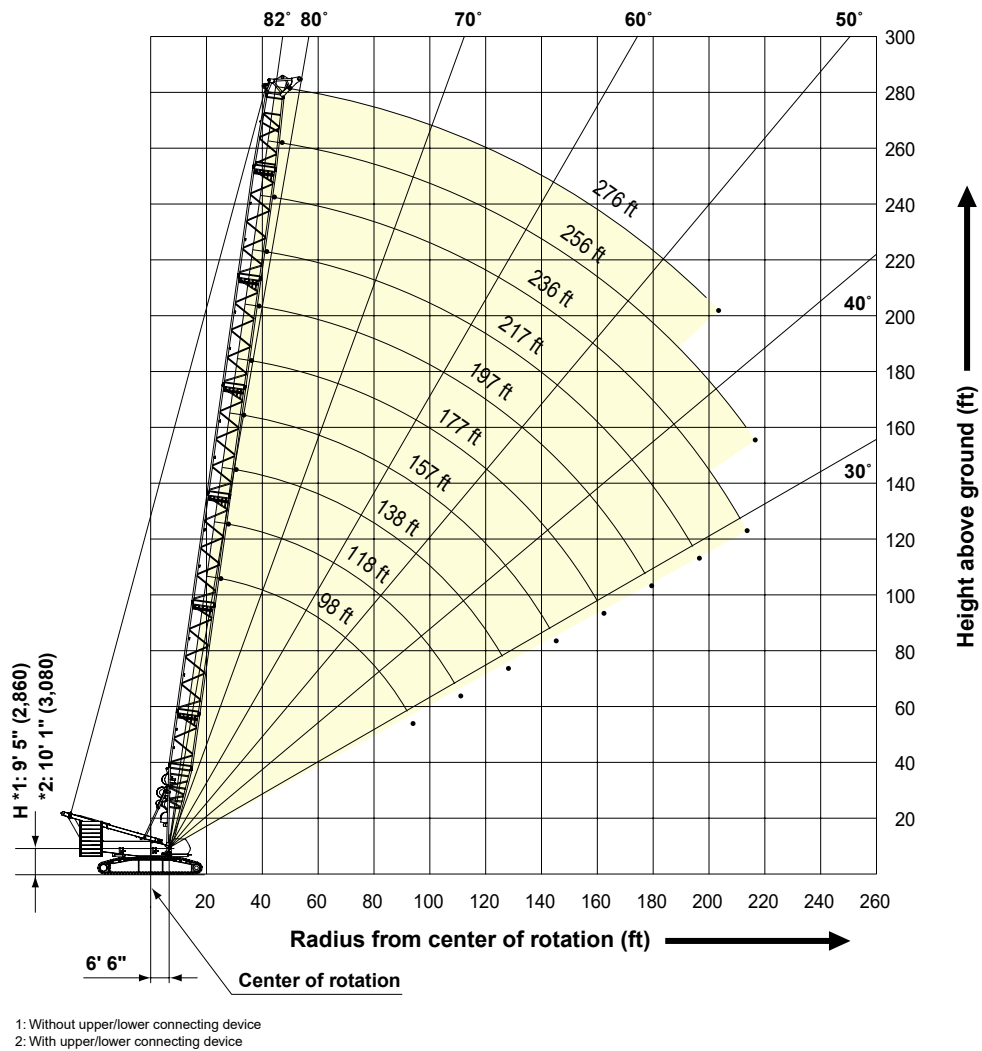
Heavy Duty Crane Boom



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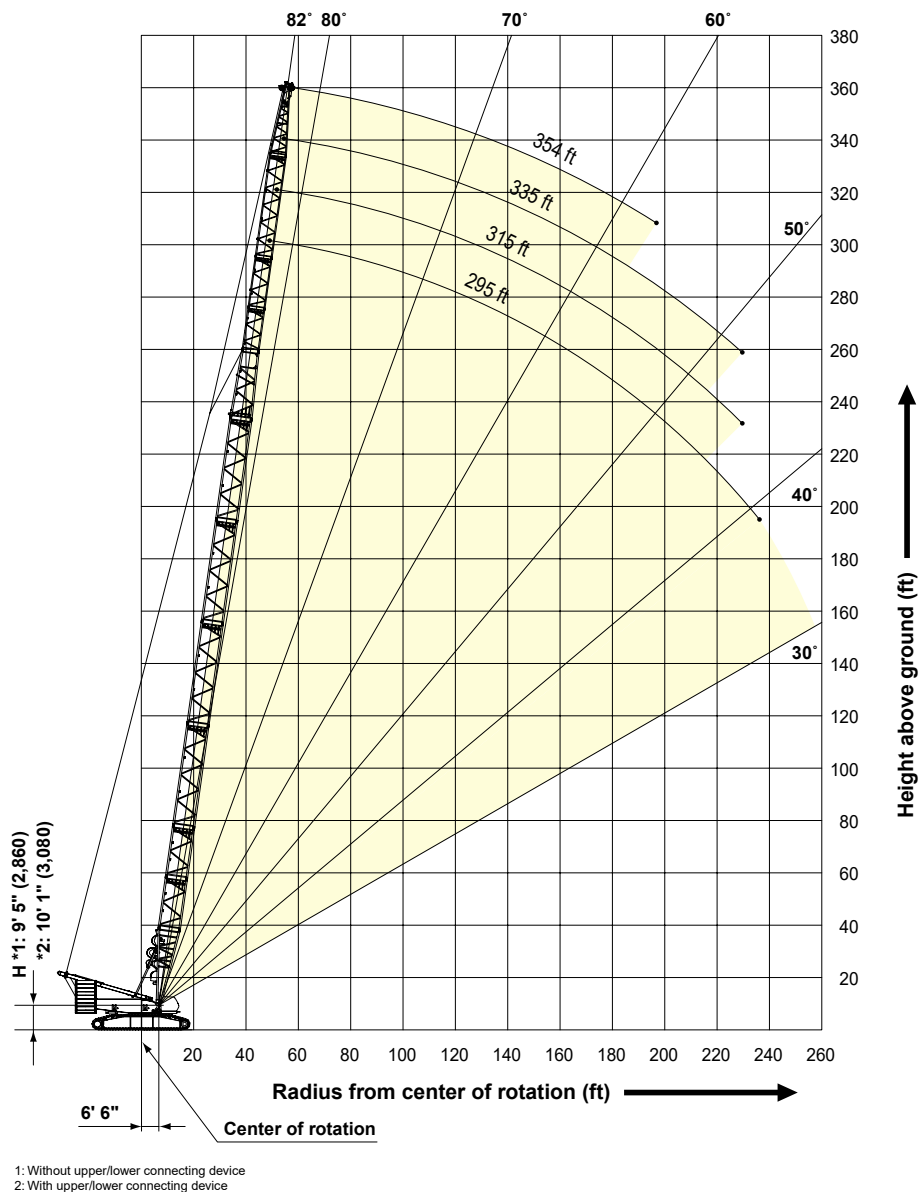
Luffing Boom



STANDARD

WORKING RANGES

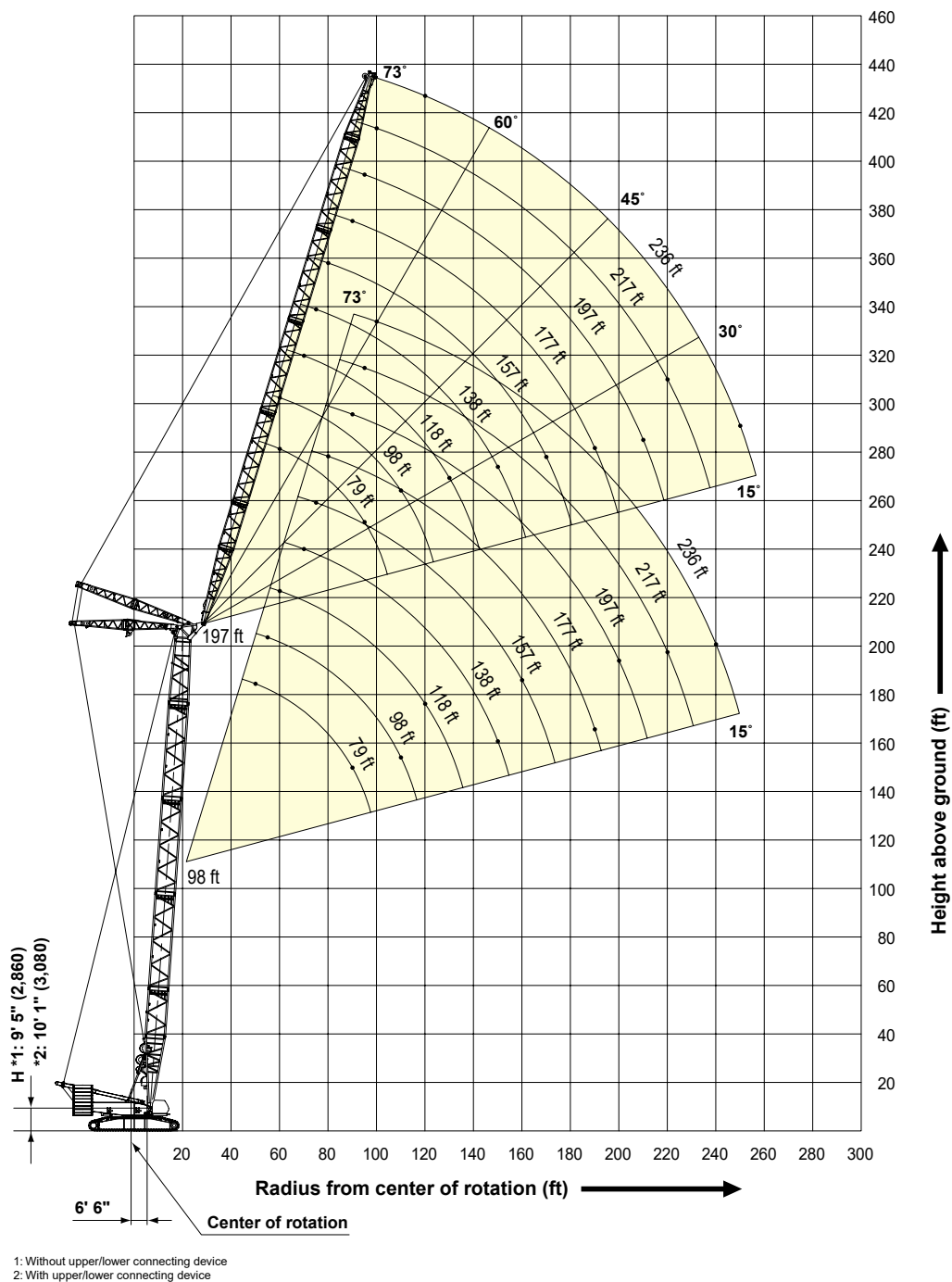
Long Boom





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Luffing Jib
Boom Angle: 86°

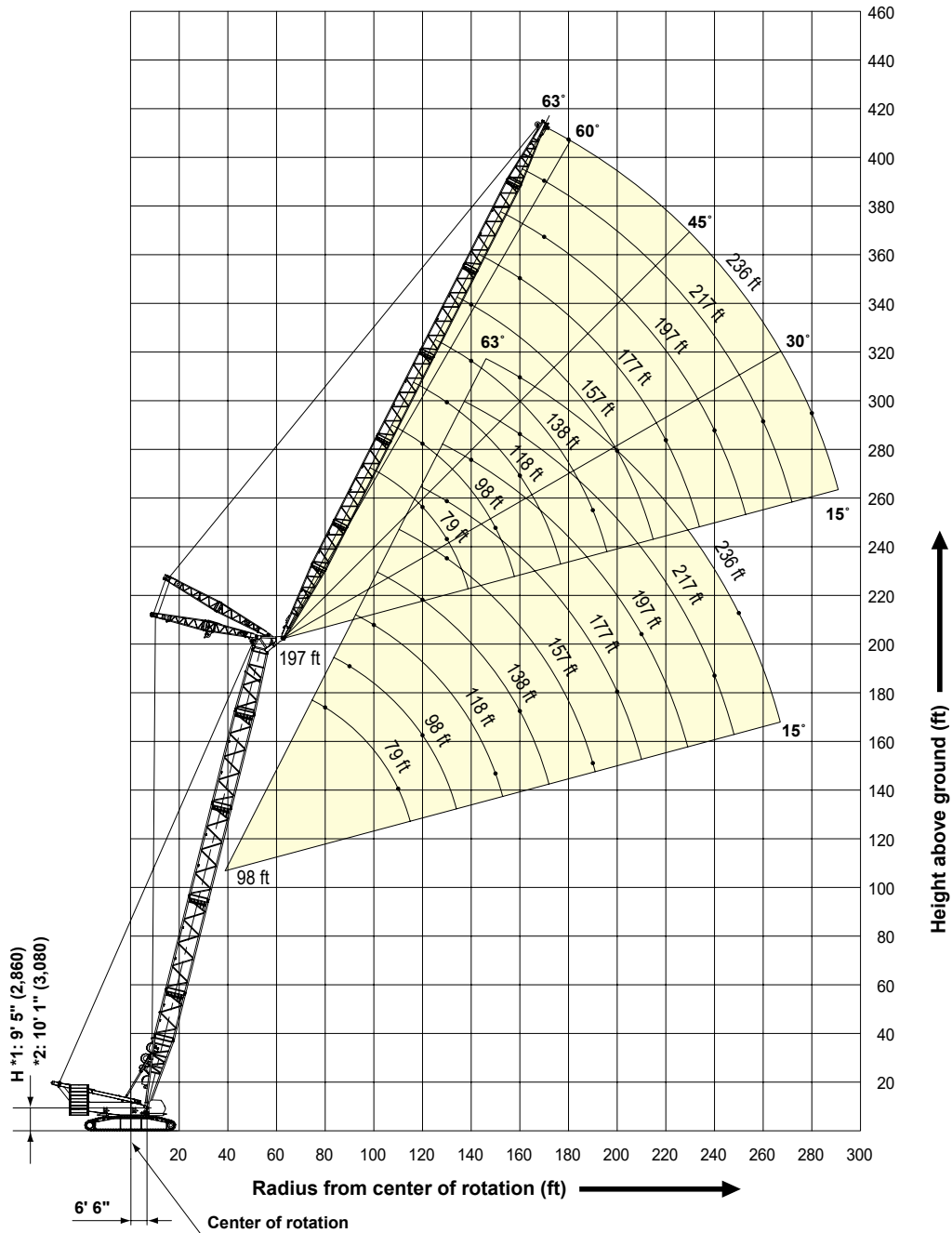


STANDARD

WORKING RANGES

Luffing Jib

Boom Angle: 76°



1: Without upper/lower connecting device
2: With upper/lower connecting device

CRANE BOOM SUPPLEMENTAL DATA

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

Minimum Rated Load		
Heavy Duty Crane Boom	Luffing Boom	Long Boom
-	17,000 lbs	13,600 lbs

- When lifting over boom point with auxiliary sheave, rated loads for the boom must be deducted as shown below.
Aux. Sheave For Crane Boom

Deductions (lbs)	1,500
------------------	-------
- In the case of auxiliary sheave for crane boom, the total lifting load is the value for 1,500 lbs deducted from rated loads for the crane boom without auxiliary sheave, but it should not exceed 30,800 lbs for single part line. And it should not exceed 61,700 lbs with two parts of line.

- Boom lengths for auxiliary sheave can be equipped.

	STD	HL	SHL
Heavy Duty Crane Boom	N/A	N/A	N/A
Luffing Boom	98 ft - 276 ft (30 - 84 m)	118 ft - 276 ft (36 - 84 m)	118 ft - 276 ft (36 - 84 m)
Long Boom	295 - 335 ft (90 - 102 m)	295 - 354 ft (90 - 108 m)	295 - 394 ft (90 - 120 m)

- The boom should be erected over the front of the crawlers. When erecting and lowering the boom at length of 334.6ft (102m) or over for long boom and 334.6ft (108m) or over for HL-long boom, the blocks for erection must be placed at the end of the crawlers.
- To prevent the boom from leaning toward backward, the own weight of hook block attached to boom point must be equal to or more than that of shown below.

Boom Length (ft)	Heavy Duty Crane Boom	Luffing Boom
79 ft (24 m)	19,200 (lbs)	-
98 ft (30 m)	19,200 (lbs)	6,800 (lbs)
118 ft (36 m)	6,800 (lbs)	4,400 (lbs)
138 ft (42 m)	6,800 (lbs)	-

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

Main Boom Hoist Loads (Double Drum)

No. of Parts of Line	8(2x4)	12(2x6)	16(2x8)	20(2x10)	24(2x12)
Maximum Loads (lbs)	246,900	361,500	485,000	617,200	740,700
No. of Parts of Line	28(2x14)	36(2x18)	44(2x22)		
Maximum Loads (lbs)	815,700	992,000	1,212,500		

Main Boom Hoist Loads (Single Drum)

No. of Parts of Line	1	2	3	4	5
Maximum Loads (lbs)	30,800	61,700	92,500	123,400	154,300
No. of Parts of Line	6	7	8	9	10
Maximum Loads (lbs)	185,100	216,000	246,900	277,700	308,600
No. of Parts of Line	11	12	13	14	15
Maximum Loads (lbs)	335,000	361,500	383,500	405,600	423,200
No. of Parts of Line	16				
Maximum Loads (lbs)	440,900				

Auxiliary Hoist Loads

No. of Parts of Line	1	2
Maximum Loads (lbs)	30,800	61,700

- Rated loads listed apply only to the machine as originally manufactured and designed by KOBELCO CRANES 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 Code B30.5.

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



LUFFING 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 de-rate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, multiple machine lifts, and traveling with a load).
- Rated loads do not exceed 75% of minimum tipping loads. Rated loads based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
- The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals. If these manuals are missing, obtain replacements.
 - Boom backstops are required for all boom lengths.
 - The crane must be leveled to within 1% on a firm supporting surface.
- Do not attempt to lift where no radius on load is listed as crane may tip or collapse.
- Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine rated loads.
- Weight of hooks, hook blocks, slings and other lifting devices are a part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.
- The minimum rated load is 8,900 lbs.
- The total load that can be lifted over a jib is limited by rated jib loads.
- The total loads that can be lifted over an auxiliary sheave should not exceed 61,700 lbs.
- Luffing boom and jib combinations.

		Jib Length										
		79 ft (24 m)	98 ft (30 m)	118 ft (36 m)	138 ft (42 m)	157 ft (48 m)	177 ft (54 m)	197 ft (60 m)	217 ft (66 m)	236 ft (72 m)	256 ft (78 m)	276 ft (84 m)
Boom Length	98 ft (30 m)	○*	○*	○*	○*	○*	○*	○*	○*	○*	×	×
	118 ft (36 m)	○	○	○	○	○	○	○	○	○	○**	○**
	138 ft (42 m)	○	○	○	○	○	○	○	○	○	○**	○**
	157 ft (48 m)	○	○	○	○	○	○	○	○	○	○**	○**
	177 ft (54 m)	○	○	○	○	○	○	○	○	○	○**	○**
	197 ft (60 m)	○	○	○	○	○	○	○	○	○	○**	○**
	217 ft (66 m)	○***	○***	○***	○***	○***	○**	○***	○***	○***	○**	○**
	236 ft (72 m)	○**	○**	○**	○**	○**	○**	○**	○**	○**	○**	○**
	256 ft (78 m)	×	○**	○**	○**	○**	○**	○**	○**	○**	○**	○**
	276 ft (84 m)	×	○**	○**	○**	○**	○**	○**	○**	○**	○**	○**

- × : All luffing jib combinations which is not allowed.
 ○ : All luffing jib combinations which is allowed.
 ○* : Standard-Luffing jib combinations which is allowed.
 ○** : Super heavy lift-Luffing jib combinations which is allowed.
 ○*** : Heavy lift and Super heavy lift-Luffing jib combinations which is allowed.

- The boom should be erected over the front of the crawlers. When erecting and lowering the boom length of 177 ft (54 m) or over for Standard-Luffing, the blocks for erection must be placed at the end of the crawlers.

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

Jib Hoist Loads (Double Drum)

No. of Parts of Line	8(2x4)	12(2x6)	16(2x8)
Maximum Loads (lbs)	246,900	361,500	440,900

Jib Hoist Loads (Single Drum)

No. of Parts of Line	1	2	3	4	5
Maximum Loads (lbs)	30,800	61,700	92,500	123,400	154,300
No. of Parts of Line	6	7	8	9	10
Maximum Loads (lbs)	185,100	216,000	246,900	277,700	308,600
No. of Parts of Line	11	12	13	14	15
Maximum Loads (lbs)	335,000	361,500	383,500	405,600	423,200
No. of Parts of Line	16				
Maximum Loads (lbs)	440,900				

Auxiliary Hoist Loads

No. of Parts of Line	1	2
Maximum Loads (lbs)	30,800	61,700

13. Hook block and number of reeving parts of line restriction

(1) The self-weight of luffing jib point hook block must be heavier than the table below.

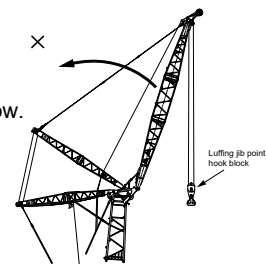
(2) Total number of reeving parts of line on luffing jib point hook block must be larger than the table below.

Danger!

Follow the both (1) and (2) above the same time for the luffing jib operation.

Otherwise luffing jib may tip over the backwards due to lack of weight on front side of boom.

Failure to observe this precaution may lead to the jib tipping backwards and resulted to machine collapsing.



SL6000 minimum hook block self-weight and minimum number of reeving parts of line on hook block

Boom Length	Jib Length	79 ft (24 m)	98 ft (30 m)	118 ft (36 m)	138 ft (42 m)	157 ft (48 m)	177 ft (54 m)	197 ft (60 m)	217 ft (66 m)	236 ft (72 m)	256 ft (78 m)	276 ft (84 m)
98 ft (30 m)	Hook Block Self-Weight (lbs)	15,700	10,000	6,900	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
	No. of Part Line	13	6	4	2	2	2	2	2	2	2	2
118 ft (36 m)	Hook Block Self-Weight (lbs)	15,700	10,000	6,900	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
	No. of Part Line	11	6	4	2	2	2	2	2	2	2	2
138 ft (42 m)	Hook Block Self-Weight (lbs)	15,700	15,700	6,900	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
	No. of Part Line	10	9	4	2	2	2	2	2	2	2	2
157 ft (48 m)	Hook Block Self-Weight (lbs)	15,700	15,700	6,900	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
	No. of Part Line	9	9	4	2	2	2	2	2	2	2	2
177 ft (54 m)	Hook Block Self-Weight (lbs)	15,700	15,700	10,000	6,900	4,500	4,500	4,500	4,500	4,500	4,500	4,500
	No. of Part Line	9	8	6	2	2	2	2	2	2	2	2
197 ft (60 m)	Hook Block Self-Weight (lbs)	15,700	15,700	15,700	6,900	4,500	4,500	4,500	4,500	4,500	4,500	4,500
	No. of Part Line	8	7	7	3	2	2	2	2	2	2	2
217 ft (66 m)	Hook Block Self-Weight (lbs)	15,700	15,700	15,700	10,000	6,900	4,500	4,500	4,500	4,500	4,500	4,500
	No. of Part Line	7	7	6	2	2	2	2	2	2	2	2
236 ft (72 m)	Hook Block Self-Weight (lbs)	15,700	15,700	15,700	10,000	6,900	4,500	4,500	4,500	4,500	4,500	4,500
	No. of Part Line	7	6	6	2	2	2	2	2	2	2	2
256 ft (78 m)	Hook Block Self-Weight (lbs)			15,700	15,700	10,000	6,900	4,500	4,500	4,500	4,500	4,500
	No. of Part Line			6	5	2	2	2	2	2	2	2
276 ft (84 m)	Hook Block Self-Weight (lbs)			15,700	15,700	10,000	6,900	4,500	4,500	4,500	4,500	4,500
	No. of Part Line			5	5	3	2	2	2	2	2	2



STANDARD

LIFTING CAPACITIES

Heavy Duty Crane Boom Lifting Capacities

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs

79' Boom			98' Boom			118' Boom			138' 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)
22.0	81.9	992,000 *	24.6	82.0	859,700 *	27.2	82.0	749,500 *	30.2	81.9	687,100 *
23.0	81.1	935,800 *	26.0	81.1	812,900 *	28.0	81.6	736,200 *	32.0	81.2	638,900 *
24.0	80.4	902,200 *	28.0	80.0	757,500 *	30.0	80.7	699,700 *	34.0	80.3	595,400 *
26.0	78.9	835,000 *	30.0	78.8	706,000 *	32.0	79.7	656,700 *	36.0	79.5	558,400 *
28.0	77.4	773,700 *	32.0	77.6	661,600 *	34.0	78.7	616,100 *	38.0	78.6	521,300 *
30.0	75.9	716,000 *	34.0	76.3	620,000 *	36.0	77.7	577,200 *	40.0	77.8	487,900 *
32.0	74.3	667,700 *	36.0	75.1	580,200 *	38.0	76.7	538,300 *	45.0	75.6	424,100 *
34.0	72.8	623,800 *	38.0	73.9	540,400 *	40.0	75.7	502,900 *	50.0	73.4	373,400 *
36.0	71.2	583,000 *	40.0	72.7	504,400 *	45.0	73.1	433,300 *	55.0	71.2	328,100
38.0	69.7	542,200 *	45.0	69.6	435,100 *	50.0	70.5	376,900 *	60.0	69.0	287,300
40.0	68.1	505,500 *	50.0	66.4	377,400 *	55.0	67.9	328,800	65.0	66.7	255,200
45.0	64.0	436,200 *	55.0	63.1	328,600	60.0	65.2	288,000	70.0	64.4	226,400
50.0	59.7	377,700 *	60.0	59.7	287,800	65.0	62.5	255,900	75.0	62.0	203,900
55.0	55.3	328,400	65.0	56.1	256,100	70.0	59.6	226,800	80.0	59.6	186,800
60.0	50.5	287,800	70.0	52.4	227,000	75.0	56.7	204,500	85.0	57.1	172,300
65.0	45.3	256,100	75.0	48.5	204,700	80.0	53.7	187,900	90.0	54.6	158,800
70.0	39.6	227,100	80.0	44.3	188,200	85.0	50.5	173,400	95.0	51.9	146,800
72.2	36.8	214,700	85.0	39.8	173,900	90.0	47.2	160,100	100.0	49.1	136,200
			90.0	34.6	160,700	95.0	43.7	148,100	110.0	43.2	118,300
			93.8	30.2	151,000	100.0	39.9	137,500	120.0	36.4	104,100
						110.0	31.0	119,500	128.0	30.1	93,900
						110.9	30.1	117,900			

Note: Loads enclosed in bold lines in the table require double-drum specifications. Refer to supplemental data P14.



HYDRAULIC CRAWLER CRANE

\$16000

Luffing Boom Lifting Capacities

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs

98' Boom			118' Boom			138' Boom			157' 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)
25.3	81.9	661,300 *	27.9	82.0	661,300 *	30.5	82.0	661,300 *	33.5	82.0	570,100 *
26.0	81.5	661,300 *	28.0	81.9	661,300 *	32.0	81.4	630,200 *	34.0	81.8	560,900 *
28.0	80.3	661,300 *	30.0	80.9	658,600 *	34.0	80.6	591,200 *	36.0	81.0	526,600 *
30.0	79.1	658,800 *	32.0	80.0	647,000 *	36.0	79.7	554,000 *	38.0	80.3	492,300 *
32.0	77.9	648,200 *	34.0	79.0	617,600 *	38.0	78.9	516,900 *	40.0	79.5	461,300 *
34.0	76.7	619,100 *	36.0	78.0	576,000 *	40.0	78.0	483,300 *	45.0	77.7	401,400 *
36.0	75.5	577,500 *	38.0	77.0	534,400 *	45.0	75.9	419,300 *	50.0	75.8	354,300 *
38.0	74.3	535,900 *	40.0	76.0	497,200 *	50.0	73.7	369,300 *	55.0	73.9	315,200
40.0	73.0	498,700 *	45.0	73.4	427,800 *	55.0	71.5	324,400	60.0	72.0	281,600
45.0	69.9	429,300 *	50.0	70.8	373,000 *	60.0	69.2	283,600	65.0	70.0	250,300
50.0	66.7	373,900 *	55.0	68.2	325,900	65.0	67.0	251,500	70.0	68.0	224,500
55.0	63.4	326,400	60.0	65.5	285,100	70.0	64.7	225,700	75.0	66.0	202,400
60.0	60.0	285,800	65.0	62.8	253,000	75.0	62.3	203,700	80.0	64.0	183,500
65.0	56.5	253,900	70.0	59.9	227,400	80.0	59.9	184,800	85.0	61.9	167,400
70.0	52.8	228,200	75.0	57.0	205,500	85.0	57.4	168,700	90.0	59.8	153,600
75.0	48.9	206,200	80.0	54.0	186,600	90.0	54.8	155,100	95.0	57.6	141,500
80.0	44.7	187,500	85.0	50.8	170,500	95.0	52.1	143,000	100.0	55.4	130,900
85.0	40.1	171,300	90.0	47.5	156,900	100.0	49.4	132,500	110.0	50.8	112,800
90.0	35.0	157,900	95.0	44.0	144,800	110.0	43.4	114,500	120.0	45.7	98,500
94.2	30.1	147,200	100.0	40.2	134,200	120.0	36.7	100,200	130.0	40.2	86,400
			110.0	31.3	116,100	128.3	30.1	89,700	140.0	33.9	76,000
			111.2	30.1	113,900				145.3	30.0	71,200

177' Boom			197' Boom			217' Boom			236' 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)
36.1	82.0	495,100 *	38.7	82.0	434,900 *	41.7	82.0	386,000 *	44.3	82.0	344,100 *
38.0	81.4	467,700 *	40.0	81.7	421,600 *	45.0	81.1	354,000 *	45.0	81.8	338,200 *
40.0	80.7	440,900 *	45.0	80.2	369,100 *	50.0	79.7	314,400 *	50.0	80.6	301,400 *
45.0	79.1	384,800 *	50.0	78.7	327,000 *	55.0	78.4	280,800	55.0	79.4	269,400
50.0	77.4	340,400 *	55.0	77.2	291,700	60.0	77.0	252,400	60.0	78.1	242,200
55.0	75.7	303,300	60.0	75.7	261,900	65.0	75.6	228,600	65.0	76.9	219,400
60.0	74.0	272,100	65.0	74.2	237,200	70.0	74.3	208,500	70.0	75.6	200,100
65.0	72.3	246,300	70.0	72.6	216,300	75.0	72.9	190,700	75.0	74.4	182,900
70.0	70.6	222,600	75.0	71.1	197,800	80.0	71.5	175,100	80.0	73.1	167,700
75.0	68.9	201,300	80.0	69.5	180,800	85.0	70.1	161,200	85.0	71.8	154,200
80.0	67.1	182,400	85.0	68.0	164,500	90.0	68.6	148,700	90.0	70.5	142,500
85.0	65.3	166,100	90.0	66.4	150,700	95.0	67.2	137,000	95.0	69.2	131,900
90.0	63.5	152,300	95.0	64.7	138,500	100.0	65.7	126,300	100.0	67.9	122,400
95.0	61.7	140,200	100.0	63.1	127,800	110.0	62.8	107,900	110.0	65.2	105,500
100.0	59.8	129,600	110.0	59.7	109,500	120.0	59.7	93,300	120.0	62.5	91,100
110.0	55.9	111,400	120.0	56.3	95,000	130.0	56.6	80,800	130.0	59.7	78,300
120.0	51.8	96,900	130.0	52.6	82,800	140.0	53.3	70,000	140.0	56.8	67,100
130.0	47.4	84,600	140.0	48.8	72,200	150.0	49.8	60,800	150.0	53.8	57,900
140.0	42.7	74,300	150.0	44.7	63,200	160.0	46.2	52,900	160.0	50.7	50,000
150.0	37.6	65,800	160.0	40.2	55,500	170.0	42.3	46,100	170.0	47.4	43,100
160.0	31.6	58,400	170.0	35.3	49,200	180.0	38.1	40,100	180.0	44.0	37,000
162.4	30.0	56,600	179.5	30.0	43,200	190.0	33.4	34,700	190.0	40.3	31,600
						196.5	30.0	31,700	200.0	36.2	27,100
									210.0	31.8	22,800
									213.6	30.0	21,300

Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P14.



LIFTING CAPACITIES

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs

Note: Loads enclosed in bold lines in the table require double-drum specifications. Refer to supplemental data P14.



HYDRAULIC CRAWLER CRANE

\$16000

Long Boom Lifting Capacities

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs

295' Boom			315' Boom			335' Boom			354' 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)
49.0	82.0	216,000 *	51.8	82.0	185,100 *	54.5	82.0	154,300 *	57.3	82.0	132,200 *
50.0	81.8	214,800 *	55.0	81.4	182,300 *	55.0	81.9	153,900 *	60.0	81.6	128,400 *
55.0	80.8	209,100 *	60.0	80.5	177,900 *	60.0	81.1	150,300 *	65.0	80.7	122,200 *
60.0	79.8	204,000 *	65.0	79.6	173,500 *	65.0	80.2	146,600 *	70.0	79.9	116,000 *
65.0	78.9	199,000 *	70.0	78.6	169,300 *	70.0	79.3	143,000 *	75.0	79.1	110,400 *
70.0	77.9	185,300 *	75.0	77.7	162,600 *	75.0	78.4	139,500 *	80.0	78.3	105,400 *
75.0	76.9	170,700	80.0	76.8	153,200 *	80.0	77.6	136,000 *	85.0	77.4	100,300 *
80.0	75.9	156,700	85.0	75.8	142,200 *	85.0	76.7	132,400 *	90.0	76.6	96,100 *
85.0	74.9	143,800	90.0	74.9	132,200 *	90.0	75.8	128,000 *	95.0	75.8	91,900 *
90.0	73.9	132,800	95.0	73.9	122,700 *	95.0	74.9	120,000 *	100.0	74.9	88,000 *
95.0	72.8	122,900	100.0	73.0	113,800	100.0	74.0	110,600	110.0	73.3	81,800 *
100.0	71.8	114,200	110.0	71.1	97,900	110.0	72.2	95,200	120.0	71.6	75,900 *
110.0	69.8	99,500	120.0	69.1	84,800	120.0	70.4	82,800	130.0	69.8	69,000 *
120.0	67.7	87,100	130.0	67.2	73,900	130.0	68.6	72,500	140.0	68.1	60,800 *
130.0	65.6	76,100	140.0	65.2	64,800	140.0	66.7	63,600	150.0	66.3	50,700 *
140.0	63.4	66,400	150.0	63.2	56,700	150.0	64.9	55,600	160.0	64.6	41,700 *
150.0	61.2	58,000	160.0	61.1	49,700	160.0	63.0	48,600	170.0	62.8	33,500 *
160.0	59.0	50,900 *	170.0	59.0	43,200	170.0	61.0	42,100	180.0	60.9	26,000 *
170.0	56.7	44,300 *	180.0	56.8	37,200	180.0	59.0	36,200	190.0	59.1	19,300 *
180.0	54.3	38,300 *	190.0	54.6	31,900	190.0	57.0	31,000	196.9	57.7	14,900 *
190.0	51.9	32,700 *	200.0	52.4	27,100	200.0	54.9	26,100			
200.0	49.3	28,000 *	210.0	50.0	22,600	210.0	52.8	21,500 *			
210.0	46.7	23,600 *	220.0	47.6	18,500 *	220.0	50.6	17,400 *			
220.0	44.0	19,600 *	229.7	45.2	14,700 *	229.7	48.4	13,600 *			
230.0	41.1	15,700 *									
236.2	39.2	13,600 *									

Note: Refer to supplemental data P14.



STANDARD

LIFTING CAPACITIES

Luffing Jib Lifting Capacities										
										Unit: lbs
Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs										
98' Boom										
Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib	
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)	
	86	76	86	76	86	76	86	76	86	76
50	375,600 *									
55	337,800 *									
60	306,900 *									
65	279,600 *									
70	256,900 *		239,400 *							
75	235,800 *		227,300 *							
80	216,300 *	202,500	212,100 *		187,800 *					
85	199,000 *	186,500	197,700 *		187,800 *					
90	184,500 *	172,900	183,600		177,800					
95		160,900	170,800		167,800		148,300 *			
100		150,300	159,700		158,100		146,500 *		132,300 *	
110		132,400	140,700		139,300		134,900		129,700 *	
120			125,700	115,800	124,200		121,500		119,600	
130			112,900	104,000	111,500	102,000	109,000		108,200	
140			102,000	94,000	100,700	92,000	98,300		97,300	
150			92,900	85,400	91,600	83,400	89,200		87,700	
160				78,400	83,900	76,400	80,000 *	73,200	77,000 *	70,600
170					76,900 *	70,100	71,100 *	66,600	67,500 *	64,100
180					70,000 *	64,500	62,900 *	60,800	59,200 *	58,300
190					63,000 *	59,600	55,700 *	55,700	52,000 *	53,200
200						55,400	49,600 *	51,400	45,700 *	48,800
210							44,200 *	47,500	40,200 *	44,800
220							39,500 *	44,000	35,300 *	41,300
230								40,900	30,900 *	38,200
240								38,400	27,200 *	35,500
250										33,100
118' Boom										
Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib	
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)	
	86	76	86	76	86	76	86	76	86	76
50	364,200 *									
55	331,200 *									
60	302,500 *									
65	277,100 *									
70	254,800 *		233,900 *							
75	234,400 *		220,300							
80	215,700		206,300		185,800 *					
85	198,500		193,800		182,500					
90	184,100	169,500	182,200		172,600					
95	171,000	157,700	170,400		163,200		147,200 *			
100		147,300	159,200		154,500		145,100 *		130,800 *	
110		129,700	140,400		138,100		131,500		126,300	
120			125,300	113,200	123,500		119,700		116,100	
130			112,600	101,600	110,800		108,400		106,000	
140			101,800	91,800	100,000	89,400	97,600		96,800	
150			92,700	83,400	91,000	81,000	88,500		87,200	
160				76,400	83,400	74,100	79,500 *	70,200	76,600 *	
170					76,300	68,000	70,600 *	63,700	67,000 *	61,200
180					69,300 *	62,500	62,300 *	58,100	58,500 *	55,500
190					62,100 *	57,600	55,100 *	53,100	51,100 *	50,500
200						53,600	48,800 *	48,800	44,800 *	46,200
210							43,300 *	45,000	39,300 *	42,300
220							38,300 *	41,600	34,300 *	38,900
230								38,500	29,800 *	35,800
240								36,000	25,900 *	33,100
250										30,800
260										28,100 *

Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P15 and P16.



HYDRAULIC CRAWLER CRANE

\$16000

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs

138' Boom

Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib		Load Radius (ft)
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		
	86	76	86	76	86	76	86	76	86	76	
55	318,900										55
60	292,000										60
65	269,500										65
70	250,500										70
75	232,300		208,600 *								75
80	214,500		200,000		183,700 *						80
85	197,400		188,100		177,200						85
90	183,000		177,600		167,600						90
95	170,100	153,800	168,000		158,500		144,800 *				95
100		143,600	158,800		150,300		141,300		129,400 *		100
110		126,500	140,000		136,000		127,700		122,900		110
120		112,600	125,000		122,400		116,200		112,800		120
130			112,300	99,100	110,100		106,100		102,900		130
140			101,600	89,400	99,400	86,500	96,900		94,100		140
150			92,500	81,200	90,300	78,300	87,900		86,000 *		150
160				74,300	82,700	71,600	78,600 *	66,900	75,600 *		160
170				68,300	75,600 *	65,600	69,700 *	60,600	66,100 *	58,000	170
180					68,400 *	60,200	61,300 *	55,100	57,600 *	52,500	180
190					61,200 *	55,300	54,000 *	50,200	50,200 *	47,600	190
200						51,200 *	47,900 *	46,000	44,000 *	43,400	200
210						47,600 *	42,300 *	42,300	38,300 *	39,600	210
220							37,200 *	39,000	33,200 *	36,300	220
230								36,000	28,700 *	33,200	230
240								33,500 *	24,800 *	30,600	240
250								31,200 *		28,300	250
260										26,300	260

157' Boom

Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib		Load Radius (ft)
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		
	86	76	86	76	86	76	86	76	86	76	
55	306,900	150,100	205,000 *		179,600		141,900 *		127,800 *		55
60	281,600										60
65	260,300										65
70	242,200										70
75	226,300										75
80	211,600		193,500	171,500	153,500	141,900 *	127,800 *	100			
85	196,600		182,100	171,500	153,500	141,900 *	127,800 *	110			
90	182,300		172,100	162,200	153,500	141,900 *	127,800 *	120			
95	169,500		162,900	153,500	141,900 *	127,800 *	127,800 *	130			
100	140,100		154,400	145,700	136,800	127,800 *	127,800 *	140			
110	123,200		138,600	131,900	123,700	119,200	119,200	150			
120	109,800		124,100	119,800	112,600	109,100	109,100	160			
130			111,500	95,900	108,500	102,900	99,700	170			
140			100,700	86,400	98,100	83,300	94,400	91,400	180		
150			91,600	78,500	89,300	75,400 *	87,000	84,200	190		
160				71,800	81,900	68,600 *	77,700 *	74,400 *	200		
170			65,900	74,500	62,500 *	68,600 *	57,400	65,000 *	54,700	170	
180				67,100 *	57,000 *	60,200 *	52,000	56,500 *	49,300	180	
190				59,900 *	52,300 *	52,900 *	47,200	49,100 *	44,500	190	
200					48,100 *	46,600 *	43,100	42,700 *	40,500	200	
210					44,400 *	41,100 *	39,500	37,000 *	36,800	210	
220						36,100 *	36,300 *	31,900 *	33,500	220	
230							33,400 *	27,400 *	30,600	230	
240							30,800 *	23,500 *	28,100	240	
250							28,500 *		25,800	250	
260									23,800 *	260	

Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P15 and P16.



STANDARD

LIFTING CAPACITIES

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs

177' Boom

Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib		Load Radius (ft)				
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)						
	86	76	86	76	86	76	86	76	86	76					
60	271,300	136,200	199,300	187,000	156,300 *	64,300 *	75,600 *	53,900 *	48,700 *	55,000 *	45,900				
65	251,100											149,800	141,100	132,200	126,300 *
70	233,900											149,800	141,100	132,200	126,300 *
75	218,700											149,800	141,100	132,200	126,300 *
80	205,200											149,800	141,100	132,200	126,300 *
85	193,100											149,800	141,100	132,200	126,300 *
90	180,900											149,800	141,100	132,200	126,300 *
95	168,700											149,800	141,100	132,200	126,300 *
100												149,800	141,100	132,200	126,300 *
110	119,800											135,700	127,700	119,600	115,600
120	106,600	122,600	116,500	108,900	105,600										
130		110,600	91,800	106,700	99,500	96,400									
140		99,800	83,100	97,600	91,400	88,300									
150		90,900	75,200 *	88,700	84,200	81,300									
160			68,500 *	81,200	64,300 *	75,600 *	72,400 *								
170			62,700 *	73,400	58,500 *	66,900 *	53,900 *	63,400 *							
180			57,500 *	65,600 *	53,300 *	58,700 *	48,700 *	55,000 *	45,900						
190			52,800 *	58,400 *	48,800 *	51,300 *	44,000 *	47,600 *	41,300						
200					44,800 *	45,200 *	40,100 *	41,300 *	37,400						
210					41,200 *	39,700 *	36,600 *	35,700 *	33,800						
220						34,800 *	33,400 *	30,600 *	30,700						
230							30,600 *	26,100 *	27,800						
240							28,000 *	22,200 *	25,300						
250							25,600 *		23,100						
260									21,100						
270									19,400 *						
280									17,900 *						

197' Boom

Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib		Load Radius (ft)	
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)			
	86	76	86	76	86	76	86	76	86	76		
60	261,100	103,000 * 92,200 *									60	
65	242,000										65	
70	225,700										70	
75	211,300		192,400								75	
80	198,400		180,700								80	
85	186,900		170,300								85	
90	176,900		161,000			151,500					90	
95	166,800		152,500			143,600					95	
100			144,900			136,400		126,700 *			100	
110			131,400			123,600		115,300			110	
120			120,300			112,800		105,100		100,100 *	120	
130			109,400			103,400		96,100		93,100	130	
140			99,000		77,900 *	95,100		88,200		85,300	140	
150			90,100		70,300 *	87,900		81,300		78,400	150	
160					64,000 *	79,900 *	60,500 *	73,200 *		69,800 *	160	
170					58,400 *	71,700 *	55,000 *	64,800 *	49,700	61,200 *	170	
180					53,400 *	63,600 *	50,100 *	56,800 *	45,200	53,000 *	41,600	180
190					49,000 *	56,600 *	45,700 *	49,500 *	40,700	45,800 *	37,500	190
200							41,800 *	43,500 *	36,900	39,700 *	33,900	200
210							38,300 *	38,100 *	33,500	34,200 *	30,600	210
220						35,100 *	33,200 *	30,400	29,200 *	27,700	220	
230								27,700	24,700 *	24,900	230	
240								25,300 *	20,900 *	22,500	240	
250								23,200 *	17,400 *	20,300	250	
260								21,200 *		18,400	260	
270										16,700	270	
280										15,300	280	

Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P15 and P16.



THE DRAUGHTS GRAVITY GRAVITY

\$16000

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HEAVY LIFT

BOOM AND JIB ARRANGEMENTS

Heavy Duty Crane Boom Arrangements

Boom length ft (m)	Boom arrangement
118 (36)	※
138 (42)	※

Symbol	Boom Length	Remarks
	29.5 ft (9.0 m)	Boom Base
	26.2 ft (8.0 m)	Tapered Boom
	19.7 ft (6.0 m)	Insert Boom
	39.4 ft (12.0 m)	Insert Boom
	3.3 ft (1.0 m)	Boom Top

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

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

Luffing Boom Arrangements for Crane

Boom length ft (m)	Boom arrangement
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※
217 (66)	※
236 (72)	※
256 (78)	※
276 (84)	※

Symbol	Boom Length	Remarks
	29.5 ft (9.0 m)	Boom Base
	26.2 ft (8.0 m)	Tapered Boom
	19.7 ft (6.0 m)	Insert Boom
	39.4 ft (12.0 m)	Insert Boom
	3.3 ft (1.0 m)	Boom Top

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

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

Long Boom Arrangements

Boom length ft (m)	Boom arrangement
295 (90)	
315 (96)	※
335 (102)	※
354 (108)	※

Symbol	Boom Length	Remarks
	29.5 ft (9.0 m)	Boom Base
	26.2 ft (8.0 m)	Tapered Boom
	19.7 ft (6.0 m)	Insert Boom
	39.4 ft (12.0 m)	Insert Boom
	16.4 ft (5.0 m)	Luffing Insert Jib
	19.7 ft (6.0 m)	Luffing Insert Jib
	39.4 ft (12.0 m)	Luffing Insert Jib
	26.2 ft (8.0 m)	Boom Top

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

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

HYDRAULIC CRAWLER CRANE

Luffing Boom Arrangements for Luffing

Boom length ft (m)	Boom arrangement
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※
217 (66)	※

Symbol	Boom Length	Remarks
	29.5 ft (9.0 m)	Boom Base
	26.2 ft (8.0 m)	Tapered Boom
	19.7 ft (6.0 m)	Insert Boom
	39.4 ft (12.0 m)	Insert Boom
	3.3 ft (1.0 m)	Boom Top

↗ mark shows the guy line installing position when the fixed jib is used.
 ※ indicates the most flexible combination of insert luffing booms, which can be modified to form all shorter luffing boom arrangements.

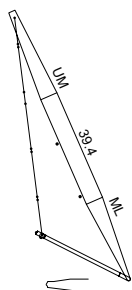
Luffing Jib Arrangements

Jib length ft (m)	Jib arrangement
79 (24)	
98 (30)	※
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※
217 (66)	※
236 (72)	※

Symbol	Jib Length	Remarks
	32.8 ft (10.0 m)	Jib Base
	19.7 ft (6.0 m)	Luffing Insert Jib
	39.4 ft (12.0 m)	Luffing Insert Jib
	26.2 ft (8.0 m)	Jib Top

↗ mark shows the guy line installing position when the fixed jib is used.
 ※ indicates the most flexible combination of insert luffing jibs, which can be modified to form all shorter luffing jib arrangements.

HL MAST

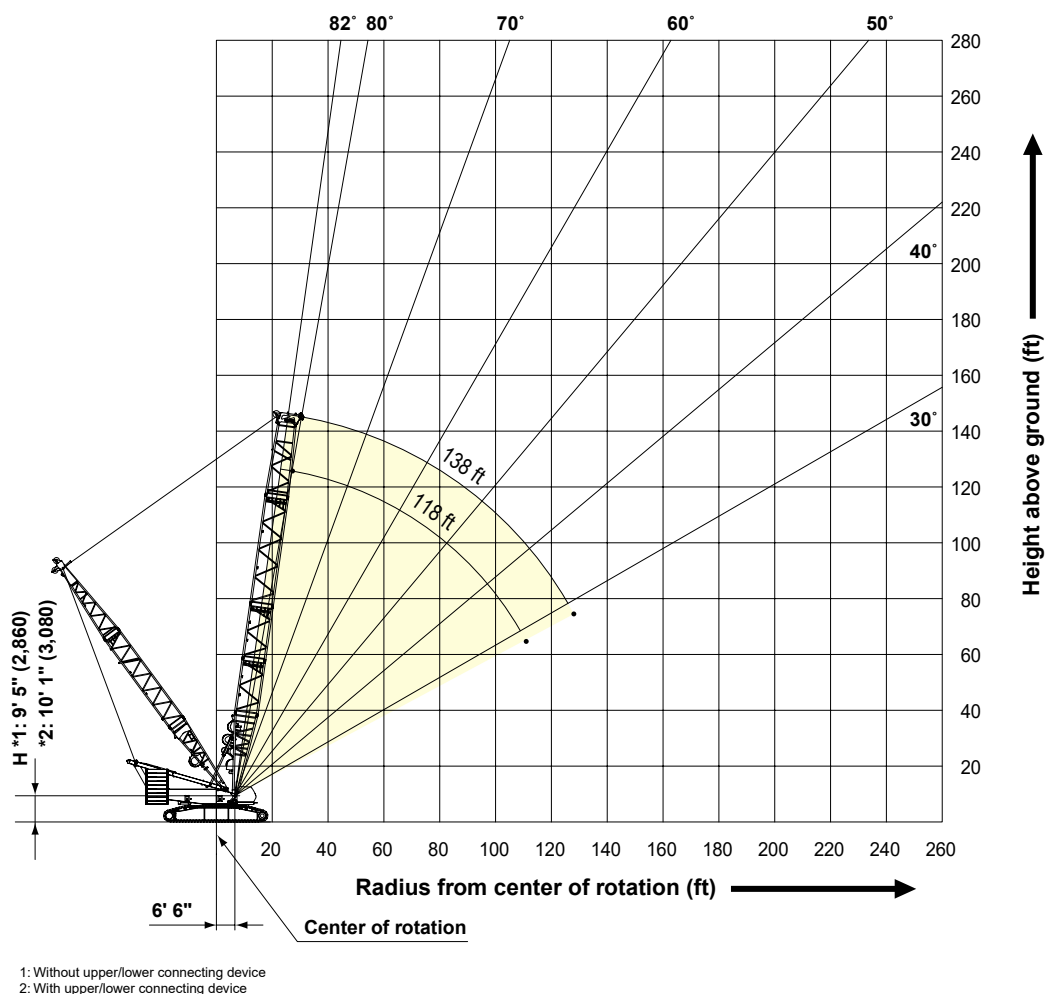


Symbol	Mast Length	Remarks
	29.5 ft (9.0 m)	Mast Base
	39.4 ft (12.0 m)	Insert Mast
	29.5 ft (9.0 m)	Mast Top

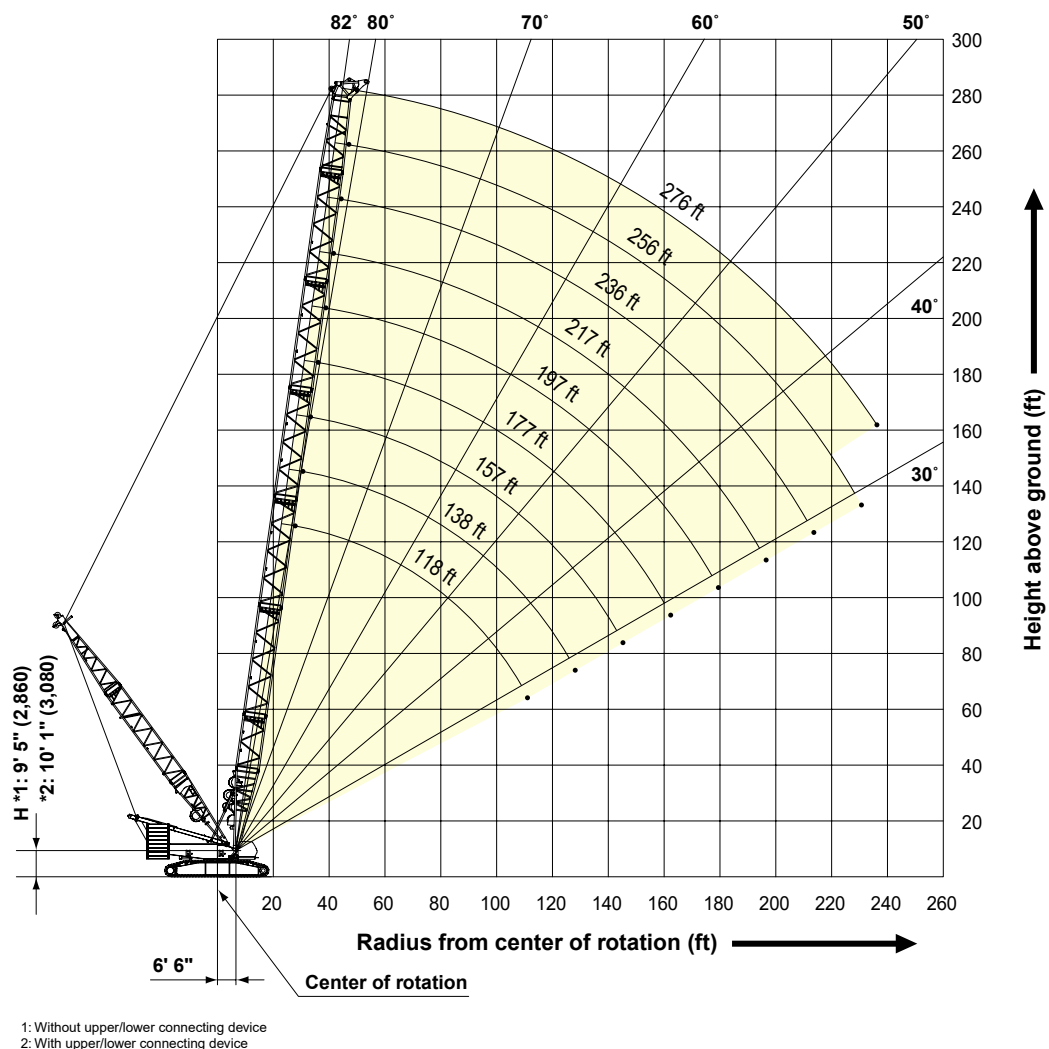
HEAVY LIFT

WORKING RANGES

Heavy Duty Crane Boom



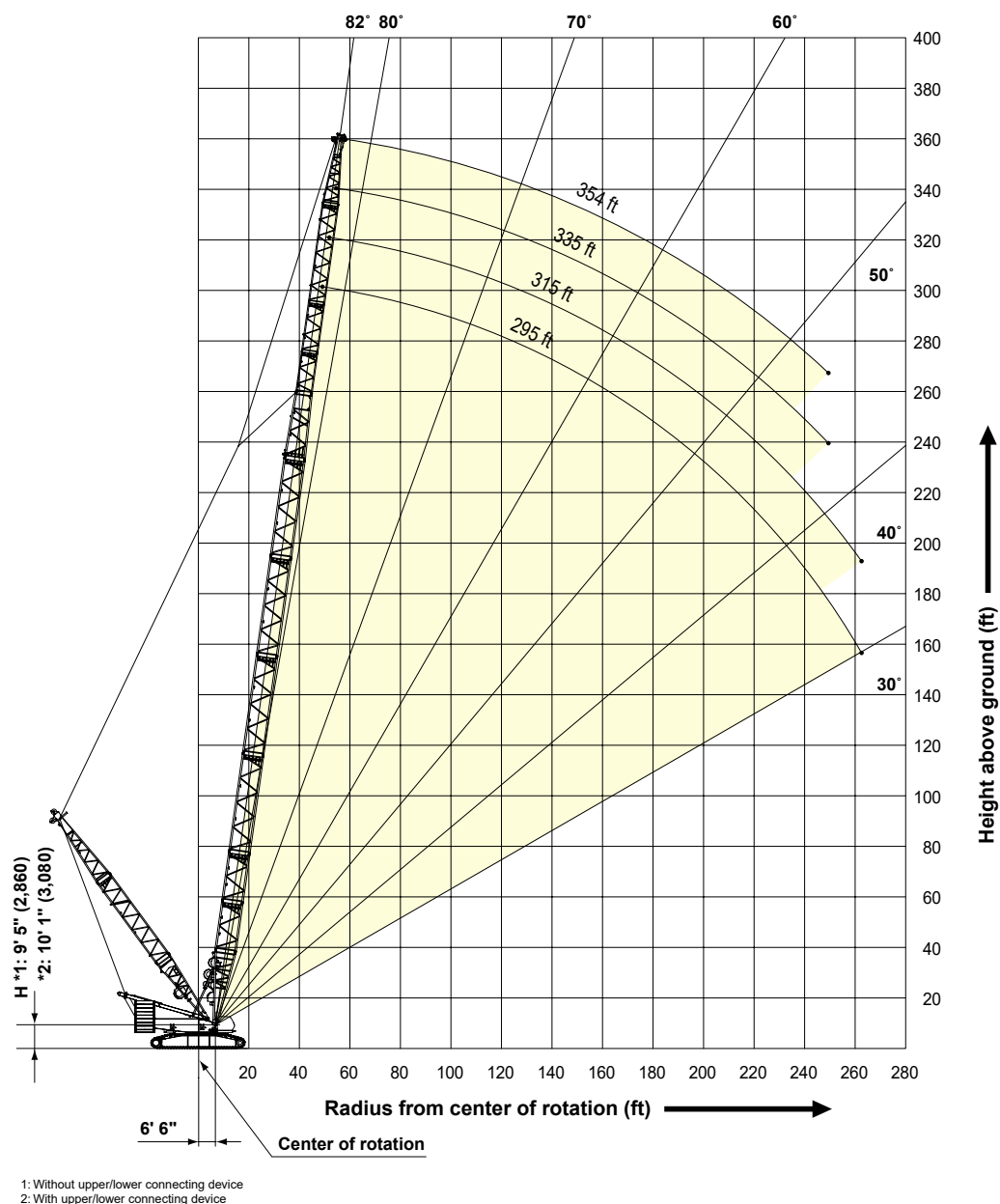
Luffing Boom



HEAVY LIFT

WORKING RANGES

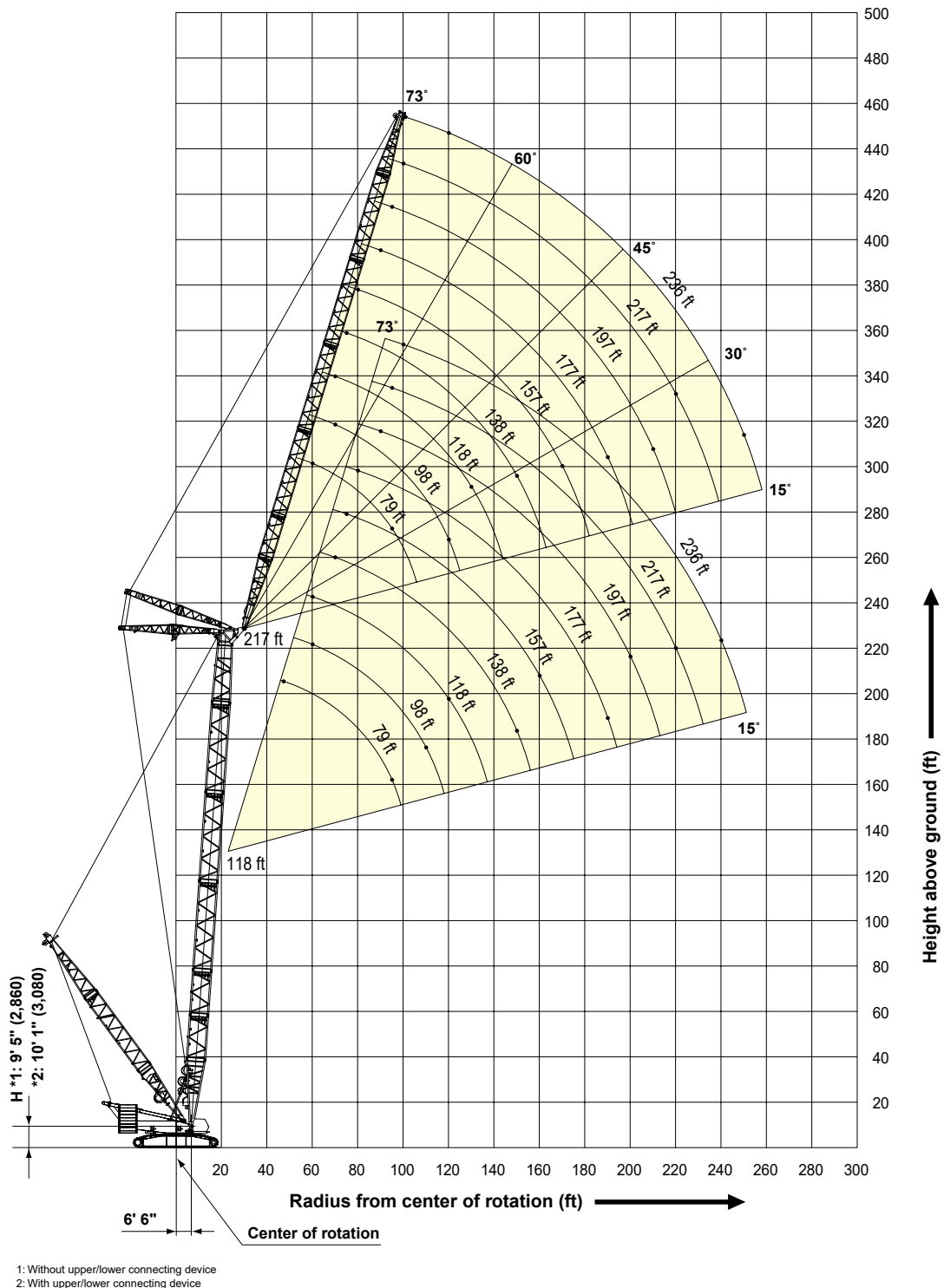
Long Boom



HYDRAULIC CRAWLER CRANE

\$16000

Luffing Jib
Boom Angle: 86°

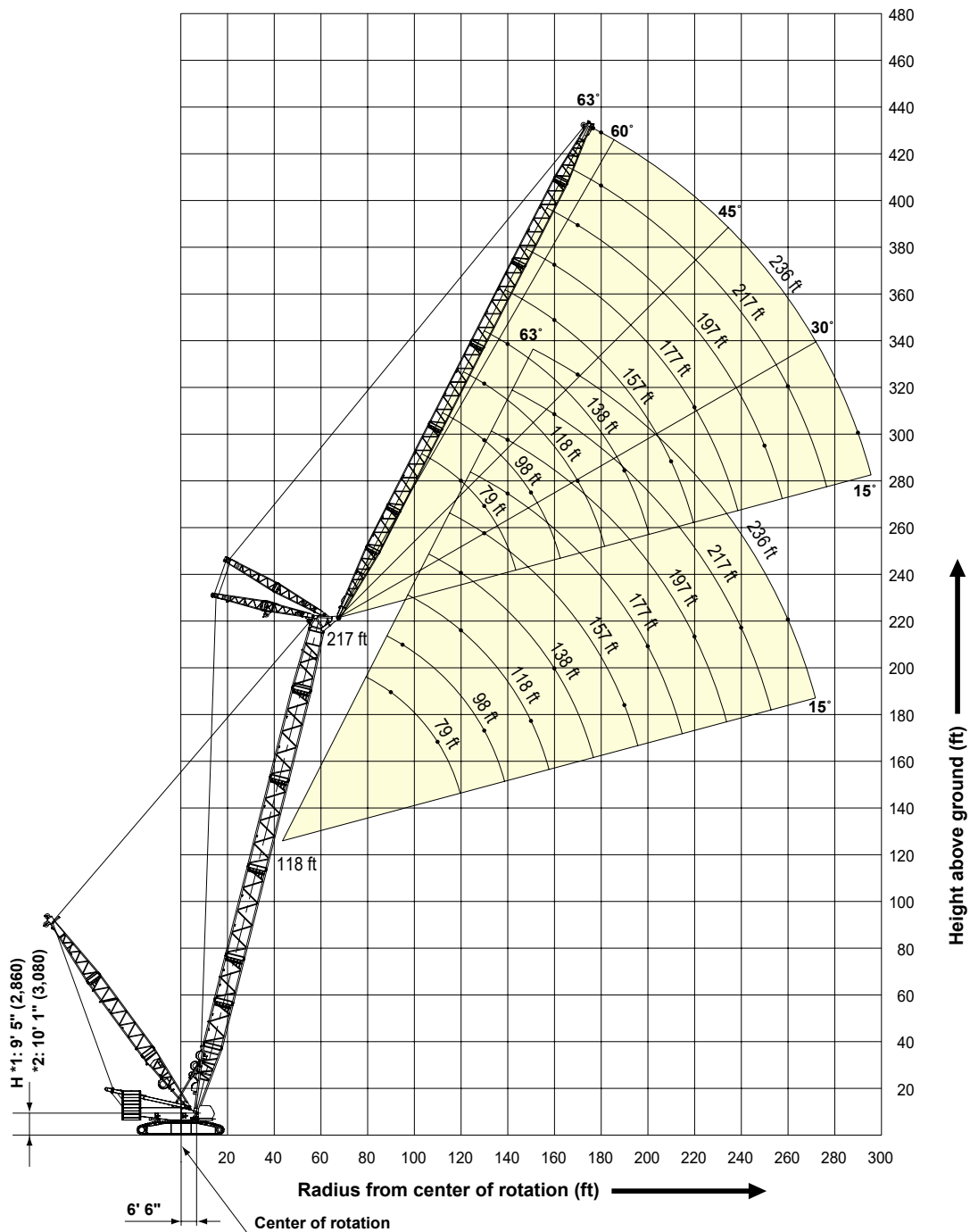


HEAVY LIFT

WORKING RANGES

Luffing Jib

Boom Angle: 76°



1: Without upper/lower connecting device
2: With upper/lower connecting device



\$16000

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HEAVY LIFT

LIFTING CAPACITIES

Heavy Duty Crane Boom Lifting Capacities											
Unit: lbs											
Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, HL mast point radius: 36.0 ft to 52.5 ft											
118' Boom			138' Boom								
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
27.2	82.0	810,100 *	30.2	81.9	712,700 *						
28.0	81.6	782,500 *	32.0	81.2	657,200 *						
30.0	80.7	713,600 *	34.0	80.3	608,000 *						
32.0	79.7	655,000 *	36.0	79.5	567,000 *						
34.0	78.7	606,900 *	38.0	78.6	526,000 *						
36.0	77.7	565,900 *	40.0	77.8	489,400 *						
38.0	76.7	524,900 *	45.0	75.6	421,000 *						
40.0	75.7	488,300 *	50.0	73.4	368,500 *						
45.0	73.1	420,300 *	55.0	71.2	325,700 *						
50.0	70.5	368,100 *	60.0	69.0	290,700 *						
55.0	67.9	325,700 *	65.0	66.7	262,300 *						
60.0	65.2	290,900 *	70.0	64.4	238,900 *						
65.0	62.5	262,900 *	75.0	62.0	218,500 *						
70.0	59.6	239,400 *	80.0	59.6	200,600 *						
75.0	56.7	219,100 *	85.0	57.1	185,200 *						
80.0	53.7	201,500 *	90.0	54.6	172,100 *						
85.0	50.5	186,100 *	95.0	51.9	160,100 *						
90.0	47.2	172,800 *	100.0	49.1	149,200 *						
95.0	43.7	160,900 *	110.0	43.2	130,900 *						
100.0	39.9	150,000 *	120.0	36.4	115,800 *						
110.0	31.0	131,000 *									
110.9	30.1	129,400 *									

Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P14.



HYDRAULIC CRAWLER CRANE

\$16000

Luffing Boom Lifting Capacities

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, HL mast point radius: 36.0 ft to 52.5 ft

118' Boom			138' Boom			157' Boom			177' 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)
27.9	82.0	661,300 *	30.5	82.0	661,300 *	33.5	82.0	618,300 *	36.1	82.0	555,700 *
28.0	81.9	661,300 *	32.0	81.4	642,900 *	34.0	81.8	607,200 *	38.0	81.4	520,400 *
30.0	80.9	657,000 *	34.0	80.6	608,100 *	36.0	81.0	565,800 *	40.0	80.7	486,400 *
32.0	80.0	638,900 *	36.0	79.7	566,600 *	38.0	80.3	524,400 *	45.0	79.1	417,000 *
34.0	79.0	606,900 *	38.0	78.9	525,100 *	40.0	79.5	487,300 *	50.0	77.4	363,900 *
36.0	78.0	565,500 *	40.0	78.0	487,900 *	45.0	77.7	418,100 *	55.0	75.7	320,800 *
38.0	77.0	524,100 *	45.0	75.9	418,900 *	50.0	75.8	365,200 *	60.0	74.0	285,500 *
40.0	76.0	487,100 *	50.0	73.7	366,000 *	55.0	73.9	322,300 *	65.0	72.3	256,600 *
45.0	73.4	418,400 *	55.0	71.5	322,900 *	60.0	72.0	286,800 *	70.0	70.6	233,000 *
50.0	70.8	365,700 *	60.0	69.2	287,500 *	65.0	70.0	258,100 *	75.0	68.9	212,500 *
55.0	68.2	322,800 *	65.0	67.0	259,000 *	70.0	68.0	234,600 *	80.0	67.1	194,600 *
60.0	65.5	287,600 *	70.0	64.7	235,300 *	75.0	66.0	214,000 *	85.0	65.3	179,000 *
65.0	62.8	259,200 *	75.0	62.3	214,700 *	80.0	64.0	196,000 *	90.0	63.5	165,600 *
70.0	59.9	235,700 *	80.0	59.9	196,900 *	85.0	61.9	180,300 *	95.0	61.7	153,500 *
75.0	57.0	215,200 *	85.0	57.4	181,200 *	90.0	59.8	166,900 *	100.0	59.8	142,600 *
80.0	54.0	197,300 *	90.0	54.8	168,000 *	95.0	57.6	154,900 *	110.0	55.9	124,100 *
85.0	50.8	181,700 *	95.0	52.1	155,900 *	100.0	55.4	144,100 *	120.0	51.8	109,000 *
90.0	47.5	168,400 *	100.0	49.4	145,000 *	110.0	50.8	125,600 *	130.0	47.4	96,200 *
95.0	44.0	156,500 *	110.0	43.4	126,700 *	120.0	45.7	110,500 *	140.0	42.7	85,300 *
100.0	40.2	145,600 *	120.0	36.7	111,400 *	130.0	40.2	97,600 *	150.0	37.6	76,000 *
110.0	31.3	126,900 *	128.3	30.1	100,500 *	140.0	33.9	86,800 *	160.0	31.6	67,700 *
111.2	30.1	124,700 *				145.3	30.0	81,500 *	162.4	30.0	65,900 *

197' Boom			217' Boom			236' Boom			256' 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)
38.7	82.0	496,900 *	41.7	82.0	440,200 *	44.3	82.0	392,800 *	46.9	82.0	354,000 *
40.0	81.7	480,900 *	45.0	81.1	404,200 *	45.0	81.8	386,100 *	50.0	81.3	331,500 *
45.0	80.2	415,600 *	50.0	79.7	358,500 *	50.0	80.6	344,800 *	55.0	80.2	298,100 *
50.0	78.7	362,900 *	55.0	78.4	317,200 *	55.0	79.4	309,000 *	60.0	79.1	268,900 *
55.0	77.2	319,600 *	60.0	77.0	280,700 *	60.0	78.1	278,200 *	65.0	77.9	244,300 *
60.0	75.7	284,200 *	65.0	75.6	253,500 *	65.0	76.9	251,500 *	70.0	76.8	223,400 *
65.0	74.2	255,500 *	70.0	74.3	230,000 *	70.0	75.6	228,000 *	75.0	75.6	204,800 *
70.0	72.6	231,800 *	75.0	72.9	209,400 *	75.0	74.4	207,400 *	80.0	74.4	187,900 *
75.0	71.1	211,300 *	80.0	71.5	191,300 *	80.0	73.1	189,300 *	85.0	73.3	172,000 *
80.0	69.5	193,500 *	85.0	70.1	175,700 *	85.0	71.8	173,500 *	90.0	72.1	158,600 *
85.0	68.0	177,900 *	90.0	68.6	162,500 *	90.0	70.5	160,100 *	95.0	70.9	146,500 *
90.0	66.4	164,500 *	95.0	67.2	150,500 *	95.0	69.2	148,200 *	100.0	69.7	135,700 *
95.0	64.7	152,500 *	100.0	65.7	139,700 *	100.0	67.9	137,500 *	110.0	67.3	117,200 *
100.0	63.1	141,700 *	110.0	62.8	121,200 *	110.0	65.2	119,100 *	120.0	64.8	102,000 *
110.0	59.7	123,200 *	120.0	59.7	106,100 *	120.0	62.5	103,900 *	130.0	62.3	89,600 *
120.0	56.3	108,000 *	130.0	56.6	93,400 *	130.0	59.7	91,200 *	140.0	59.7	78,600 *
130.0	52.6	95,100 *	140.0	53.3	82,500 *	140.0	56.8	80,400 *	150.0	57.0	69,100 *
140.0	48.8	84,400 *	150.0	49.8	73,100 *	150.0	53.8	70,900 *	160.0	54.3	60,700 *
150.0	44.7	75,000 *	160.0	46.2	65,000 *	160.0	50.7	62,700 *	170.0	51.4	53,100 *
160.0	40.2	66,900 *	170.0	42.3	57,700 *	170.0	47.4	55,500 *	180.0	48.4	46,300 *
170.0	35.3	59,700 *	180.0	38.1	51,500 *	180.0	44.0	48,900 *	190.0	45.3	40,500 *
179.5	30.0	53,500 *	190.0	33.4	45,700 *	190.0	40.3	43,100 *	200.0	42.0	35,300 *
			196.5	30.0	42,300 *	200.0	36.2	38,200 *	210.0	38.5	30,800 *
						210.0	31.8	33,900 *	220.0	34.6	26,900 *
						213.6	30.0	32,600 *	230.0	30.3	23,200 *
									230.6	30.0	23,100 *

Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P14.



HEAVY LIFT

LIFTING CAPACITIES

Luffing Boom Lifting Capacities											
Unit: lbs											
Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, HL mast point radius: 36.0 ft to 52.5 ft											
276' Boom											
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)									
49.9	82.0	320,100 *									
50.0	82.0	319,100 *									
55.0	80.9	287,300 *									
60.0	79.8	259,300 *									
65.0	78.8	235,600 *									
70.0	77.7	215,400 *									
75.0	76.6	197,400 *									
80.0	75.6	181,500 *									
85.0	74.5	167,300 *									
90.0	73.4	154,800 *									
95.0	72.3	143,500 *									
100.0	71.2	133,100 *									
110.0	69.0	115,200 *									
120.0	66.7	99,800 *									
130.0	64.4	87,400 *									
140.0	62.1	76,300 *									
150.0	59.7	66,900 *									
160.0	57.2	58,100 *									
170.0	54.7	50,200 *									
180.0	52.0	43,600 *									
190.0	49.3	37,400 *									
200.0	46.5	32,200 *									
210.0	43.5	27,500 *									
220.0	40.3	23,200 *									
230.0	36.9	19,200 *									
236.2	34.6	17,000 *									

Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P14.



HYDRAULIC CRAWLER CRANE

\$16000

Long Boom Lifting Capacities

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, HL mast point radius: 36.0 ft to 52.5 ft

295' Boom			315' Boom			335' Boom			354' 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)
49.2	82.0	216,000 *	51.8	82.0	216,000 *	54.5	82.0	185,100 *	57.4	82.0	185,100 *
50.0	81.8	216,000 *	55.0	81.4	216,000 *	55.0	81.9	185,100 *	60.0	81.6	185,100 *
55.0	80.8	216,000 *	60.0	80.5	215,800 *	60.0	81.1	185,100 *	65.0	80.7	185,100 *
60.0	79.8	216,000 *	65.0	79.6	215,000 *	65.0	80.2	185,100 *	70.0	79.9	182,000 *
65.0	78.9	216,000 *	70.0	78.6	200,000	70.0	79.3	185,100 *	75.0	79.1	172,800
70.0	77.9	204,100	75.0	77.7	184,500	75.0	78.4	177,500	80.0	78.3	159,600
75.0	76.9	189,700	80.0	76.8	170,600	80.0	77.6	164,200	85.0	77.4	147,700
80.0	75.9	175,400	85.0	75.8	158,300	85.0	76.7	152,100	90.0	76.6	137,200
85.0	74.9	162,800	90.0	74.9	147,500	90.0	75.8	141,300	95.0	75.8	127,600
90.0	73.9	151,600	95.0	73.9	137,500	95.0	74.9	131,500	100.0	74.9	118,900
95.0	72.8	141,300	100.0	73.0	128,300	100.0	74.0	122,500	110.0	73.3	103,600
100.0	71.8	132,000	110.0	71.1	112,300	110.0	72.2	106,900	120.0	71.6	90,600
110.0	69.8	115,800	120.0	69.1	98,900	120.0	70.4	93,600	130.0	69.8	79,500
120.0	67.7	102,000	130.0	67.2	87,300	130.0	68.6	82,200	140.0	68.1	70,100
130.0	65.6	89,400	140.0	65.2	77,400	140.0	66.7	72,600	150.0	66.3	61,600
140.0	63.4	78,900	150.0	63.2	68,500	150.0	64.9	64,100	160.0	64.6	54,100
150.0	61.2	69,800	160.0	61.1	60,600	160.0	63.0	56,500	170.0	62.8	47,500
160.0	59.0	61,900	170.0	59.0	53,700	170.0	61.0	49,700	180.0	60.9	41,800
170.0	56.7	54,800	180.0	56.8	47,800	180.0	59.0	43,800	190.0	59.1	36,500
180.0	54.3	48,900	190.0	54.6	42,300	190.0	57.0	38,500	200.0	57.1	31,600
190.0	51.9	43,500	200.0	52.4	37,300	200.0	54.9	33,600	210.0	55.2	27,300
200.0	49.3	38,600	210.0	50.0	32,600	210.0	52.8	29,300	220.0	53.2	23,200
210.0	46.7	33,900	220.0	47.6	28,500	220.0	50.6	25,200	230.0	51.1	19,700
220.0	44.0	29,900	230.0	45.1	24,700	230.0	48.4	21,700	240.0	49.0	16,400
230.0	41.1	26,100	240.0	42.4	21,200	240.0	46.0	18,400	249.3	47.0	13,600
240.0	38.0	22,600	250.0	39.6	18,100	249.3	43.7	15,400			
250.0	34.7	19,400	260.0	36.7	15,400						
260.0	31.1	16,600	262.5	35.9	14,700						
262.8	30.1	15,800									

Note: Refer to supplemental data P14.

HEAVY LIFT

LIFTING CAPACITIES

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, HL mast point radius: 52.5 ft

118' Boom													
Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib		Load Radius (ft)		
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)				
	86	76	86	76	86	76	86	76	86	76			
47.2	440,900 *	197,900	274,500	132,600	221,600	104,200	165,500 *	84,500	140,600 *	75,100	47.2		
50	419,900 *										50		
55	381,400 *										55		
60	345,600 *										60		
65	314,800 *										65		
70	289,400 *										70		
75	267,200 *										255,800	75	
80	247,400 *										239,200	80	
85	228,600 *										224,400	85	
90	212,800 *										208,800	90	
95	198,500 *										184,600	95	
100	173,000										182,500	100	
110	153,300										161,300	110	
120											144,500	159,400	120
130											130,400	142,600	130
140											118,300	128,400 *	140
150											108,200 *	116,300 *	150
160												106,100 *	160
170											91,000	97,500 *	170
180												90,000 *	180
190			83,400 *	190									
200			77,500 *	200									
210				210									
220				220									
230				230									
240				240									
250				250									
260				260									
138' Boom													
Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib		Load Radius (ft)		
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)				
	86	76	86	76	86	76	86	76	86	76			
55	371,200 *	180,600	247,900	116,200	207,000 *	101,200	163,700 *	81,700	133,900 *	72,500	55		
60	339,400 *										60		
65	312,000 *										65		
70	287,100 *										70		
75	265,100 *										232,000	75	
80	245,600 *										217,700	80	
85	227,500 *										205,500	85	
90	211,700 *										193,200	90	
95	197,500 *										184,700	95	
100											174,900	100	
110											157,800	110	
120											141,700	120	
130											129,500	130	
140											117,500 *	140	
150											107,600 *	150	
160											88,300	160	
170											81,600	170	
180												180	
190												190	
200												200	
210			210										
220			220										
230			230										
240			240										
250			250										
260			260										

Note: Loads enclosed in bold lines in the table require double-drum specifications. Refer to supplemental data P15 and P16.



HYDRAULIC CRAWLER CRANE

\$16000

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, HL mast point radius: 52.5 ft

157' Boom

Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib		Load Radius (ft)						
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)								
	86	76	86	76	86	76	86	76	86	76							
55	357,700	176,300	240,200 *	188,400	179,200	146,900 *	144,600 *	128,100 *	124,600 *	113,900 *	55						
60	327,600										224,900 *	197,900 *	130,800	120,500 *	110,900	105,700 *	60
65	302,400										211,300 *	194,200 *	139,400 *	124,600 *	113,900 *	105,700 *	65
70	281,100										199,300	187,800 *	130,800	120,500 *	113,900 *	105,700 *	70
75	261,800 *										199,300	187,800 *	130,800	120,500 *	113,900 *	105,700 *	75
80	243,800 *										199,300	187,800 *	130,800	120,500 *	113,900 *	105,700 *	80
85	226,300 *										199,300	187,800 *	130,800	120,500 *	113,900 *	105,700 *	85
90	210,600 *										199,300	187,800 *	130,800	120,500 *	113,900 *	105,700 *	90
95	196,400 *										199,300	187,800 *	130,800	120,500 *	113,900 *	105,700 *	95
100	196,400 *										199,300	187,800 *	130,800	120,500 *	113,900 *	105,700 *	100
110	146,200	178,400	159,200	153,500	139,400 *	124,600 *	113,900 *	105,700 *	110								
120	130,900	142,800	128,600	112,900	126,700	120,900	113,900 *	105,700 *	120								
130			128,600	112,900	126,700	120,900	113,900 *	105,700 *	130								
140			116,600	102,200	114,800	97,800	110,900	105,700 *	140								
150			106,700 *	93,200	104,500 *	90,600	102,000 *	99,300 *	150								
160				85,600	96,100 *	83,200	93,700 *	92,000	160								
170				78,900	88,600 *	76,400	86,100 *	71,000	68,900	170							
180					81,900 *	70,300	79,400 *	67,100	78,500	64,700	180						
190					76,200 *	65,100	73,500 *	62,300	72,400	59,800	190						
200						60,600	68,300 *	57,700	67,400 *	55,600	200						
210						56,600	63,700 *	53,600	62,800 *	51,700	210						
220							59,500 *	49,900	58,600 *	48,200	220						
230								46,400	54,700 *	45,000	230						
240								43,500	51,400 *	42,200	240						
250								40,800		39,500	250						
260										36,900	260						

177' Boom

Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib		Load Radius (ft)							
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)									
	86	76	86	76	86	76	86	76	86	76								
60	316,200	160,800	232,300 *	108,600	173,900 *	79,000	137,700 *	67,200	120,800 *	58,900	60							
65	292,200										217,600 *	169,600 *	135,400 *	117,100 *	65			
70	271,700														204,700 *	164,200 *	112,900 *	70
75	253,600																	135,800
80	237,600		124,400 *		103,100 *		80											
85	223,500						116,600 *		96,300 *		85							
90	209,000 *										107,400	89,200	90					
95	195,300 *												103,800 *	82,700	95			
100	173,300		95,300 *		76,700										100			
110	142,200						81,200 *		58,300						110			
120	127,200	70,400		67,900		120												
130	127,600					62,700		72,900 *		130								
140	115,700		54,300		63,200 *					140								
150	105,800 *						59,000 *		49,900	150								
160	82,700	46,500		57,900 *						160								
170	76,200					43,500		54,100 *		170								
180	70,400		40,800		50,700 *					180								
190	65,400						38,400 *		36,000	190								
200		33,700		31,500						200								
210						29,900				210								
220										220								
230							230											
240				240														
250											250							
260											260							
270											270							
280											280							

Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P15 and P16.



HEAVY LIFT

LIFTING CAPACITIES

Luffing Jib Lifting Capacities										
Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, HL mast point radius: 52.5 ft										Unit: lbs
197' Boom										
Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib	
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)	
	86	76	86	76	86	76	86	76	86	76
60	304,900									
65	282,100									
70	262,600									
75	245,400		221,600 *							
80	230,000		210,600							
85	216,400		198,000							
90	204,500		187,000		165,000 *					
95	193,000 *		176,900		160,900 *					
100			167,900		156,100 *		127,500 *			
110			151,900		143,800		122,600 *			
120		123,500	138,600		131,600		117,300 *		105,400 *	
130		111,200	126,300		120,400		111,200 *		101,100 *	
140			114,800	93,500	110,500		104,200		96,600 *	
150			104,700	86,000	102,100		95,900		92,100 *	
160				79,500	94,200 *	74,000	88,800		86,000	
170				73,300	86,900 *	68,400	82,300	62,400	80,000	
180				67,600	80,300 *	63,300	76,500	57,600	74,300	55,400
190				62,700	74,600 *	58,700	71,300	53,200	69,100	51,000
200						54,800	66,800 *	49,300	64,500	47,100
210						51,400	62,400 *	45,800	60,500	43,600
220						48,300	58,400 *	42,600	56,700	40,300
230								39,500	53,200	37,300
240								37,000	50,200 *	34,800
250								34,600	47,200 *	32,400
260								32,600		30,200
270										28,200
280										26,500
217' Boom										
Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib	
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)	
	86	76	86	76	86	76	86	76	86	76
65	272,000									
70	253,400									
75	236,900		206,400 *							
80	222,200		199,600 *							
85	209,100		191,200							
90	197,700		180,900		152,100					
95	187,400		171,200		148,500					
100			162,400		145,500		120,700 *			
110			147,000		137,100		115,800 *			
120		117,200	134,100		126,700		110,500 *		98,800 *	
130		106,800	122,900		116,400		105,000 *		94,600 *	
140			113,000	86,800	106,900		99,200 *		90,300 *	
150			103,800	79,700	98,800		92,500		85,900 *	
160				73,600	91,600	68,200	85,600		81,500 *	
170				68,200	85,400	62,900	79,400		76,700 *	
180				63,400	79,600	58,100	73,900	52,600	71,500	50,300
190				59,200	73,800	53,900	68,900	48,400	66,500	46,100
200						50,200	64,500	44,600	62,100	42,600
210						46,800	60,500	41,300	58,100	39,300
220						43,800	56,800 *	38,200	54,600	36,200
230								35,400	51,200	33,400
240								33,000	48,200	30,900
250								30,800	45,700	28,600
260								28,700		26,500
270										24,500
280										22,800
290										21,400

Note: Loads enclosed in bold lines in the table require double-drum specifications. Refer to supplemental data P15 and P16.



\$16000

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SUPER HEAVY LIFT

BOOM AND JIB ARRANGEMENTS

Heavy Duty Crane Boom Arrangements

Boom length ft (m)	Boom arrangement
118 (36)	※
138 (42)	※

Symbol	Boom Length	Remarks
	29.5 ft (9.0 m)	Boom Base
	26.2 ft (8.0 m)	Tapered Boom
	19.7 ft (6.0 m)	Insert Boom
	39.4 ft (12.0 m)	Insert Boom
	3.3 ft (1.0 m)	Boom Top

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

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

Luffing Boom Arrangements for Crane

Boom length ft (m)	Boom arrangement
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※
217 (66)	※
236 (72)	※
256 (78)	※
276 (84)	※

Symbol	Boom Length	Remarks
	29.5 ft (9.0 m)	Boom Base
	26.2 ft (8.0 m)	Tapered Boom
	19.7 ft (6.0 m)	Insert Boom
	39.4 ft (12.0 m)	Insert Boom
	3.3 ft (1.0 m)	Boom Top

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

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

Long Boom Arrangements

Boom length ft (m)	Boom arrangement
295 (90)	
315 (96)	※
335 (102)	※
354 (108)	※
374 (114)	※
394 (120)	※
413 (126)	※

Symbol	Boom Length	Remarks
	29.5 ft (9.0 m)	Boom Base
	26.2 ft (8.0 m)	Tapered Boom
	19.7 ft (6.0 m)	Insert Boom
	39.4 ft (12.0 m)	Insert Boom
	16.4 ft (5.0 m)	Luffing Insert Jib
	19.7 ft (6.0 m)	Luffing Insert Jib
	39.4 ft (12.0 m)	Luffing Insert Jib
	26.2 ft (8.0 m)	Boom Top

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

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

HYDRAULIC CRAWLER CRANE

Luffing Boom Arrangements for Luffing

Boom length ft (m)	Boom arrangement
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※
217 (66)	※
236 (72)	※
256 (78)	※
276 (84)	※

Symbol	Boom Length	Remarks
	29.5 ft (9.0 m)	Boom Base
	26.2 ft (8.0 m)	Tapered Boom
	19.7 ft (6.0 m)	Insert Boom
	39.4 ft (12.0 m)	Insert Boom
	3.3 ft (1.0 m)	Boom Top

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

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

Luffing Jib Arrangements

Jib length ft (m)	Jib arrangement
79 (24)	
98 (30)	※
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※
217 (66)	※
236 (72)	※
256 (78)	
276 (84)	※

Symbol	Jib Length	Remarks
	32.8 ft (10.0 m)	Jib Base
	19.7 ft (6.0 m)	Luffing Insert Jib
	39.4 ft (12.0 m)	Luffing Insert Jib
	26.2 ft (8.0 m)	Jib Top

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

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

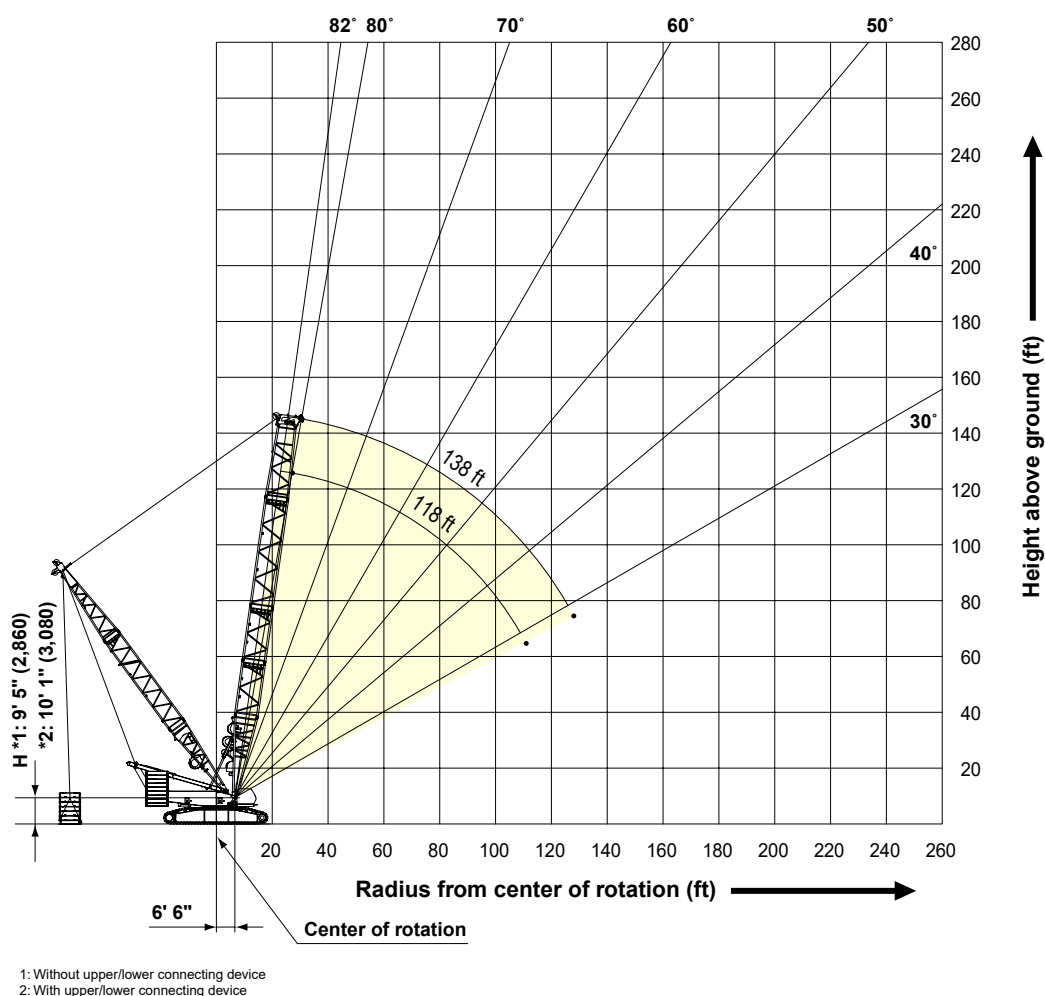
SHL MAST

Symbol	Mast Length	Remarks
	29.5 ft (9.0 m)	Mast Base
	39.4 ft (12.0 m)	Insert Mast
	29.5 ft (9.0 m)	Mast Top

SUPER HEAVY LIFT

WORKING RANGES

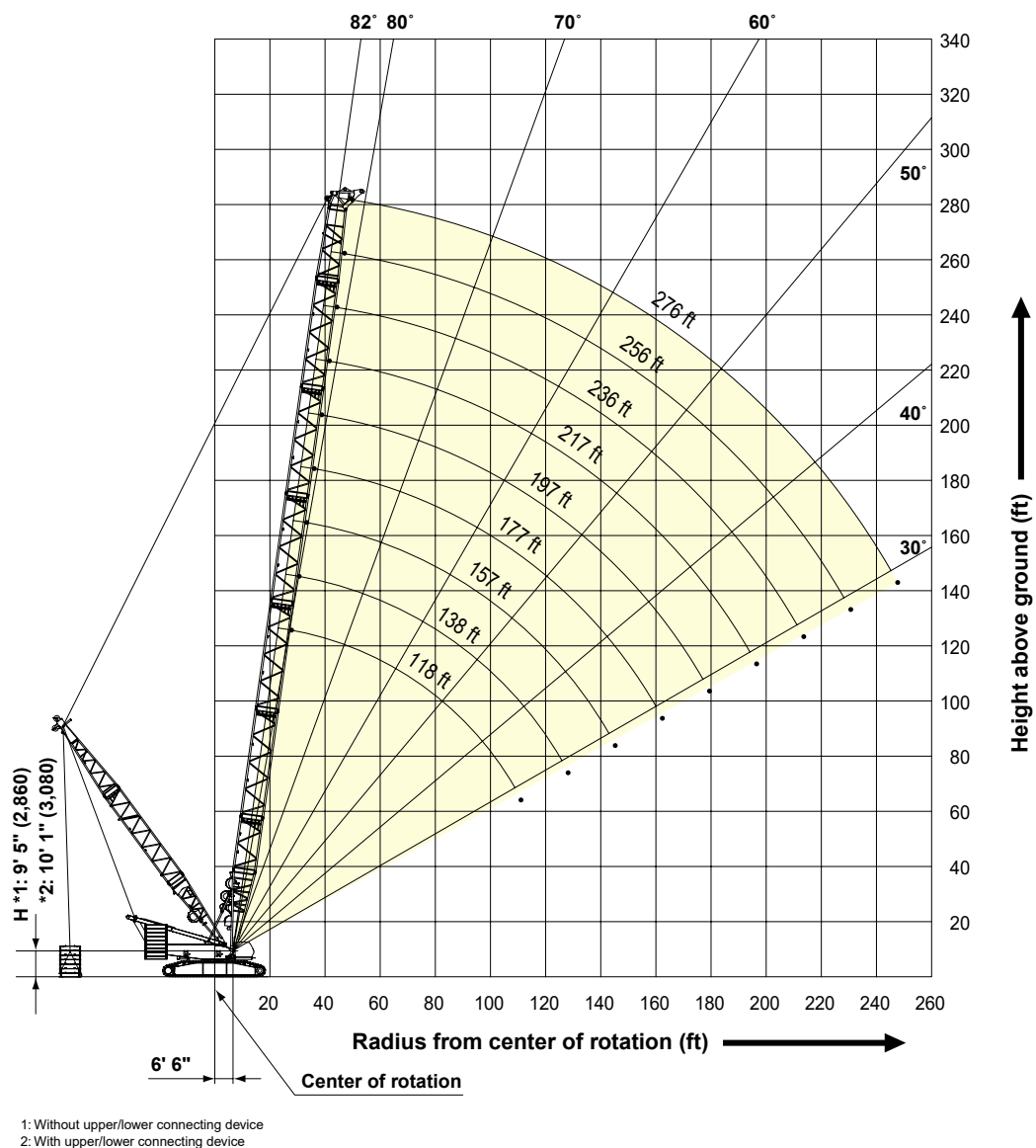
Heavy Duty Crane Boom



HYDRAULIC CRAWLER CRANE

\$16000

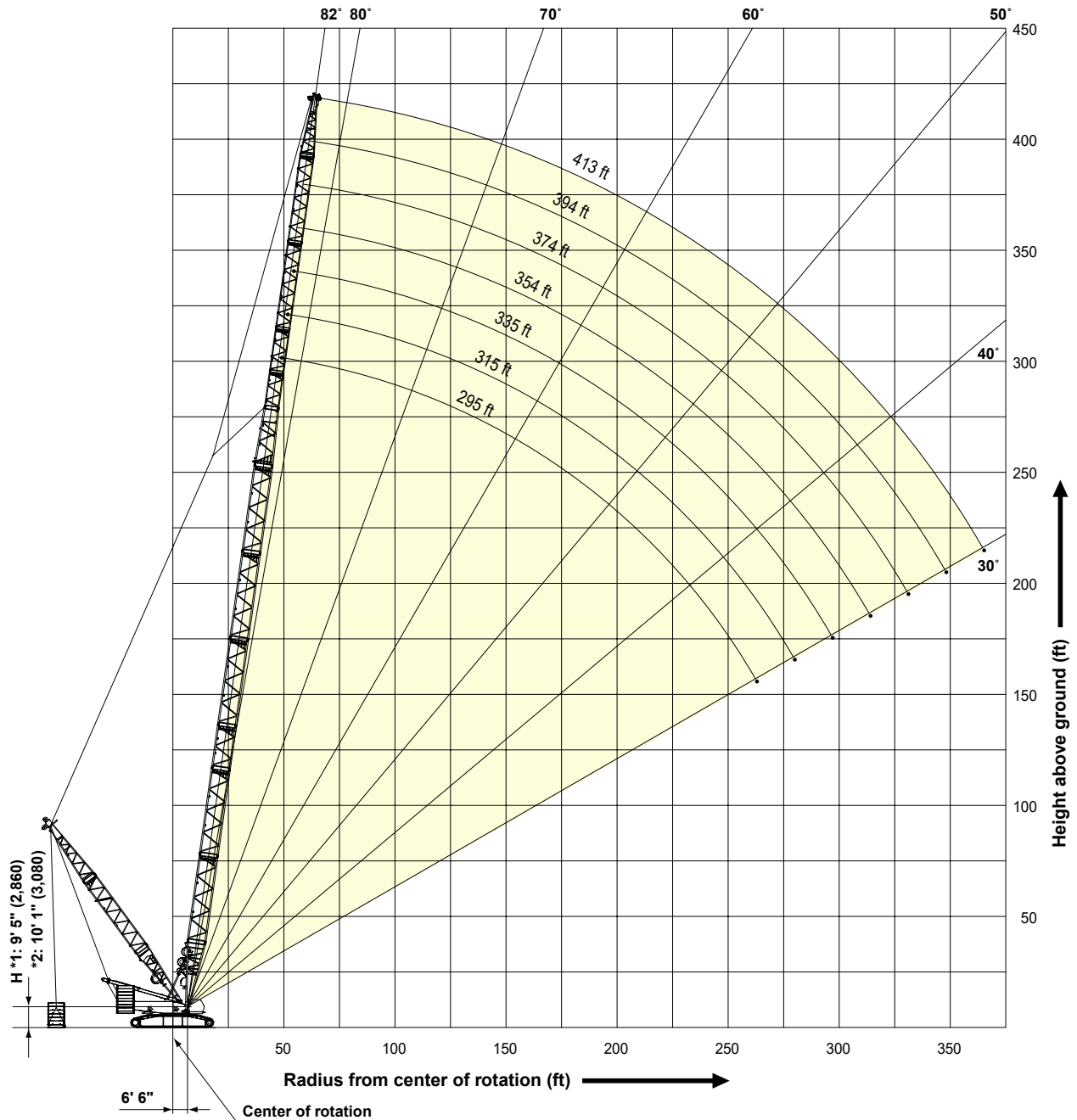
Luffing Boom



SUPER HEAVY LIFT

WORKING RANGES

Long Boom

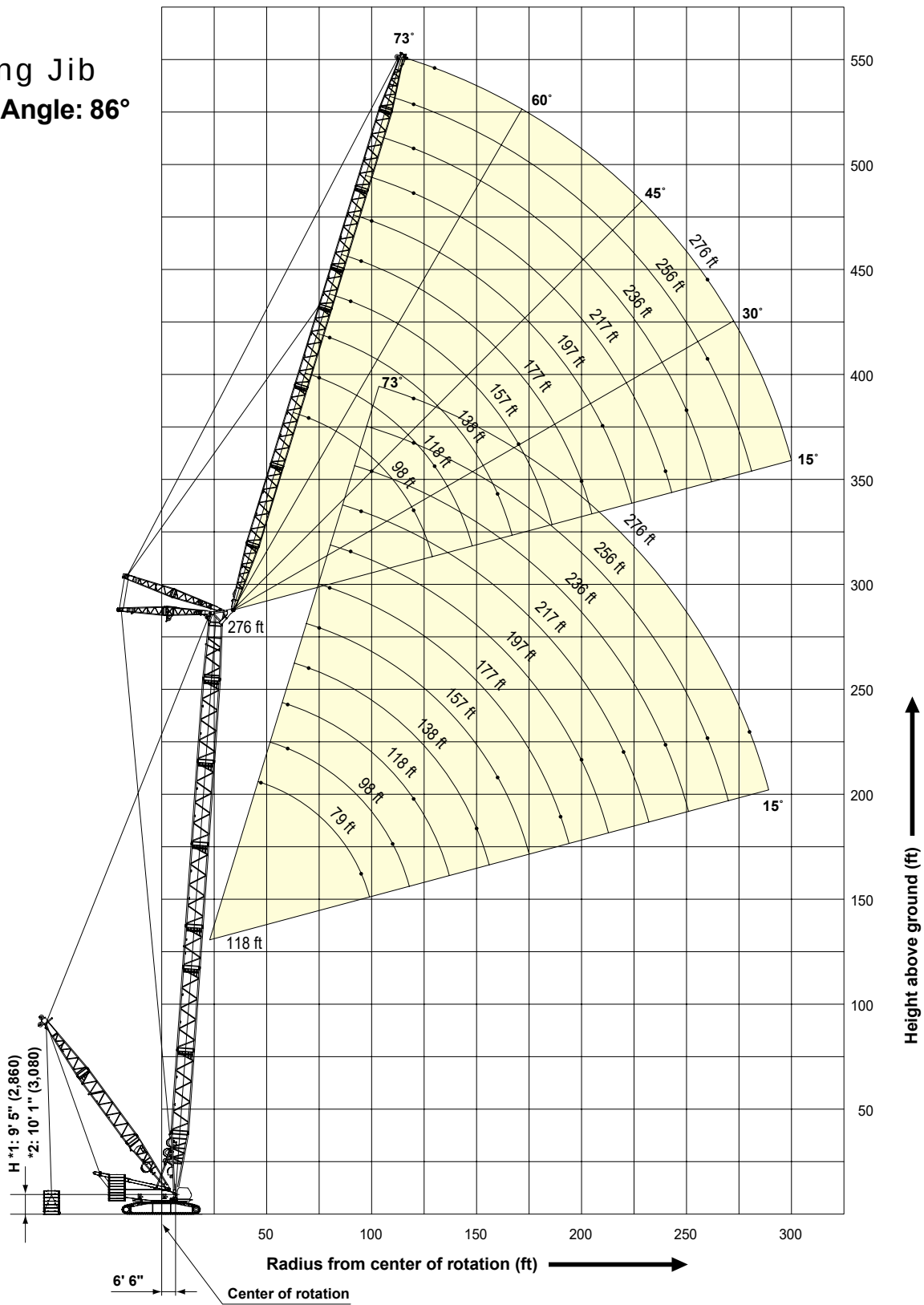


1: Without upper/lower connecting device
2: With upper/lower connecting device

HYDRAULIC CRAWLER CRANE

\$16000

Luffing Jib
Boom Angle: 86°



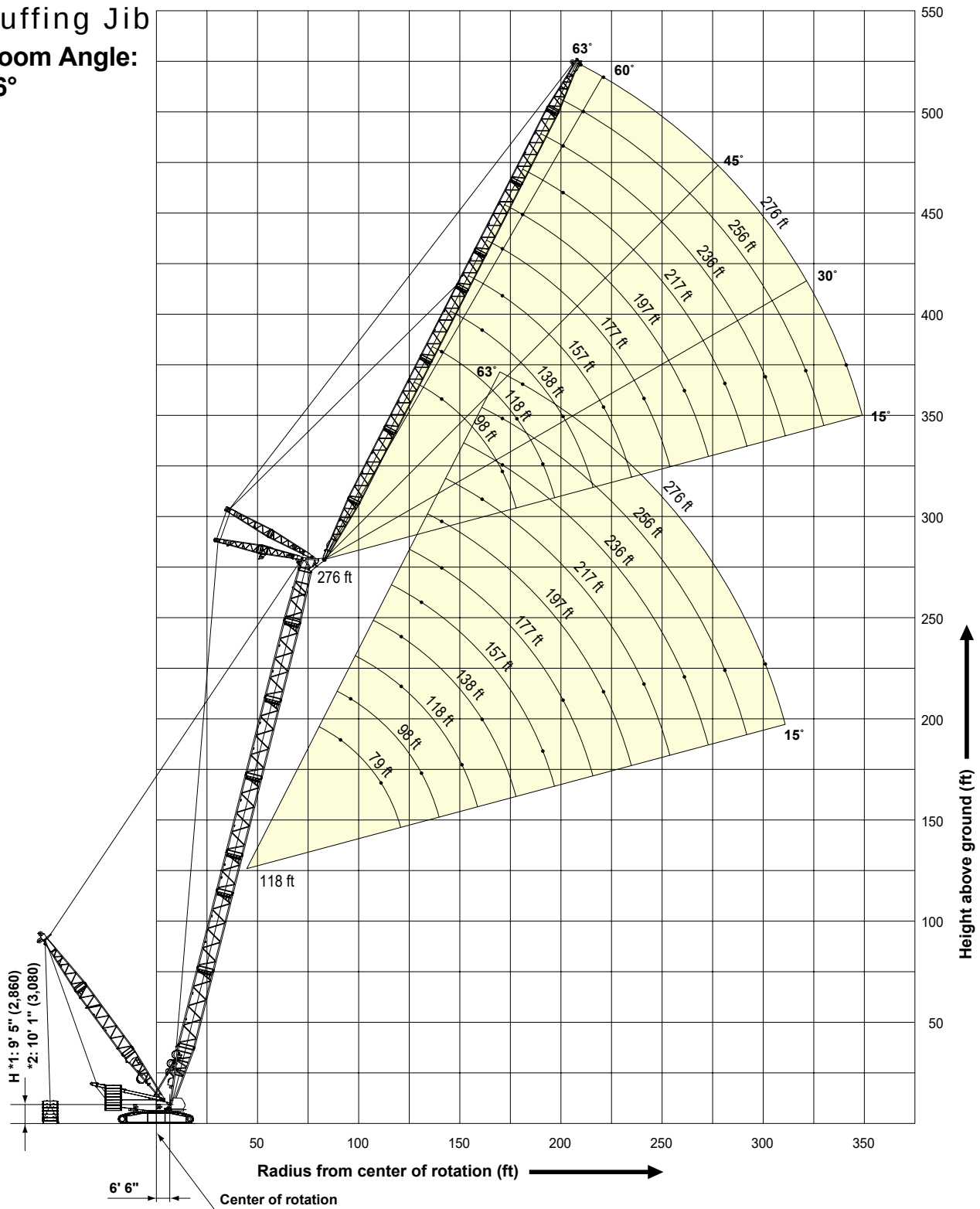
1: Without upper/lower connecting device
2: With upper/lower connecting device

SUPER HEAVY LIFT

WORKING RANGES

Luffing Jib

Boom Angle:
76°





THE DRAUGHTS GRAVITY GRAVITY

\$16000

[illegible]



SUPER HEAVY LIFT

LIFTING CAPACITIES

Heavy Duty Crane Boom Lifting Capacities									
Unit: lbs									
Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, Palette weight: 551,100 lbs									
118' Boom					138' Boom				
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)			Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)		
		Palette Weight Radius					Palette Weight Radius		
		36 ft	42.5 ft	52.5 ft			36 ft	42.5 ft	52.5 ft
27.2	82.0	1,212,500 *	1,212,500 *	1,212,500 *	30.2	81.9	1,153,800 *	1,159,600 *	1,162,400 *
28.0	81.6	1,208,700 *	1,208,700 *	1,208,700 *	32.0	81.2	1,133,400 *	1,148,900 *	1,151,100 *
30.0	80.7	1,190,500 *	1,198,800 *	1,198,800 *	34.0	80.3	1,091,100 *	1,120,700 *	1,139,600 *
32.0	79.7	1,145,100 *	1,188,800 *	1,188,800 *	36.0	79.5	1,035,300 *	1,081,400 *	1,128,700 *
34.0	78.7	1,093,400 *	1,154,300 *	1,174,300 *	38.0	78.6	979,500 *	1,042,100 *	1,117,900 *
36.0	77.7	1,037,600 *	1,103,400 *	1,156,900 *	40.0	77.8	928,500 *	1,001,400 *	1,096,700 *
38.0	76.7	981,800 *	1,052,500 *	1,139,500 *	45.0	75.6	827,100 *	892,400 *	987,600 *
40.0	75.7	930,800 *	1,003,800 *	1,112,400 *	50.0	73.4	745,500 *	804,700 *	892,700 *
45.0	73.1	829,500 *	894,600 *	991,600 *	55.0	71.2	676,900 *	730,800 *	810,900 *
50.0	70.5	747,800 *	806,900 *	894,900 *	60.0	69.0	618,800 *	668,200 *	741,600 *
55.0	67.9	678,800 *	732,900 *	813,200 *	65.0	66.7	570,100	615,800 *	683,700 *
60.0	65.2	619,900 *	670,200 *	743,800 *	70.0	64.4	523,800	571,200 *	634,700 *
65.0	62.5	569,600	617,700 *	685,900 *	75.0	62.0	482,400	529,000 *	590,200 *
70.0	59.6	523,100	571,500 *	636,900 *	80.0	59.6	446,200	489,600 *	549,200 *
75.0	56.7	481,800	528,600 *	588,800 *	85.0	57.1	414,800	455,300 *	511,300 *
80.0	53.7	445,800	488,900 *	541,700 *	90.0	54.6	387,800	426,100 *	478,700 *
85.0	50.5	414,500	453,000 *	498,400 *	95.0	51.9	363,500	399,700 *	449,300 *
90.0	47.2	386,300	418,900 *	458,800 *	100.0	49.1	341,600	375,800 *	421,800 *
95.0	43.7	358,700	387,700 *	420,300 *	110.0	43.2	304,500	334,700 *	369,400 *
100.0	39.9	332,200	359,100 *	383,100 *	120.0	36.4	271,700	293,800 *	317,000 *
110.0	31.0	284,900	308,000 *	313,800 *	128.0	30.1	243,600	263,400 *	275,100 *
110.9	30.1	280,800	303,500 *	307,700 *					

Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P14.



HYDRAULIC CRAWLER CRANE

\$16000

Luffing Boom Lifting Capacities

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, Palette weight: 551,100 lbs

118' Boom					138' Boom					157' 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)		
		Palette Weight Radius					Palette Weight Radius					Palette Weight Radius		
		36 ft	42.5 ft	52.5 ft			36 ft	42.5 ft	52.5 ft			36 ft	42.5 ft	52.5 ft
27.9	82.0	661,300 *	661,300 *	661,300 *	30.5	82.0	661,300 *	661,300 *	661,300 *	33.5	82.0	661,300 *	661,300 *	661,300 *
28.0	81.9	661,300 *	661,300 *	661,300 *	32.0	81.4	661,300 *	661,300 *	661,300 *	34.0	81.8	661,300 *	661,300 *	661,300 *
30.0	80.9	661,300 *	661,300 *	661,300 *	34.0	80.6	661,300 *	661,300 *	661,300 *	36.0	81.0	661,300 *	661,300 *	661,300 *
32.0	80.0	661,300 *	661,300 *	661,300 *	36.0	79.7	661,300 *	661,300 *	661,300 *	38.0	80.3	661,300 *	661,300 *	661,300 *
34.0	79.0	661,300 *	661,300 *	661,300 *	38.0	78.9	661,300 *	661,300 *	661,300 *	40.0	79.5	661,300 *	661,300 *	661,300 *
36.0	78.0	661,300 *	661,300 *	661,300 *	40.0	78.0	661,300 *	661,300 *	661,300 *	45.0	77.7	661,300 *	661,300 *	661,300 *
38.0	77.0	661,300 *	661,300 *	661,300 *	45.0	75.9	661,300 *	661,300 *	661,300 *	50.0	75.8	661,300 *	661,300 *	661,300 *
40.0	76.0	661,300 *	661,300 *	661,300 *	50.0	73.7	661,300 *	661,300 *	661,300 *	55.0	73.9	646,100 *	661,300 *	661,300 *
45.0	73.4	661,300 *	661,300 *	661,300 *	55.0	71.5	646,900 *	661,300 *	661,300 *	60.0	72.0	612,200 *	652,900 *	661,300 *
50.0	70.8	661,300 *	661,300 *	661,300 *	60.0	69.2	614,400 *	653,200 *	661,300 *	65.0	70.0	563,500 *	608,200 *	661,300 *
55.0	68.2	647,800 *	661,300 *	661,300 *	65.0	67.0	565,500 *	610,200 *	661,300 *	70.0	68.0	518,300 *	564,800 *	625,400 *
60.0	65.5	616,100 *	653,500 *	661,300 *	70.0	64.7	519,000 *	566,500 *	626,900 *	75.0	66.0	477,400 *	523,200 *	584,200 *
65.0	62.8	564,900 *	612,200 *	661,300 *	75.0	62.3	477,500 *	524,100 *	585,800 *	80.0	64.0	441,100 *	484,300 *	543,700 *
70.0	59.9	518,200 *	566,900 *	628,200 *	80.0	59.9	441,300 *	484,700 *	544,400 *	85.0	61.9	409,500 *	450,000 *	505,600 *
75.0	57.0	477,000 *	523,800 *	584,600 *	85.0	57.4	409,900 *	450,400 *	506,200 *	90.0	59.8	382,500 *	420,600 *	473,000 *
80.0	54.0	440,900 *	484,100 *	537,700 *	90.0	54.8	382,900 *	421,200 *	473,800 *	95.0	57.6	358,200 *	394,200 *	443,500 *
85.0	50.8	409,700 *	448,500 *	494,200 *	95.0	52.1	358,600 *	394,800 *	444,400 *	100.0	55.4	336,300 *	370,300 *	417,000 *
90.0	47.5	381,900 *	414,500 *	455,000 *	100.0	49.4	336,700 *	371,000 *	417,100 *	110.0	50.8	299,000 *	329,900 *	372,200 *
95.0	44.0	354,400 *	383,300 *	416,400 *	110.0	43.4	299,600 *	330,200 *	364,800 *	120.0	45.7	268,400 *	296,500 *	335,200 *
100.0	40.2	327,800 *	354,700 *	379,100 *	120.0	36.7	267,000 *	289,200 *	312,700 *	130.0	40.2	242,600 *	268,400 *	300,500 *
110.0	31.3	280,600 *	303,800 *	309,900 *	128.3	30.1	237,800 *	257,700 *	269,100 *	140.0	33.9	220,100 *	241,200 *	262,500 *
111.2	30.1	275,100 *	297,800 *	301,500 *						145.3	30.0	207,600 *	225,300 *	240,500 *

177' Boom					197' Boom					217' 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)		
		Palette Weight Radius					Palette Weight Radius					Palette Weight Radius		
		36 ft	42.5 ft	52.5 ft			36 ft	42.5 ft	52.5 ft			36 ft	42.5 ft	52.5 ft
36.1	82.0	617,200 *	617,200 *	617,200 *	38.7	82.0	617,200 *	617,200 *	617,200 *	41.7	82.0	617,200 *	617,200 *	617,200 *
38.0	81.4	617,200 *	617,200 *	617,200 *	40.0	81.7	617,200 *	617,200 *	617,200 *	45.0	81.1	617,200 *	617,200 *	617,200 *
40.0	80.7	617,200 *	617,200 *	617,200 *	45.0	80.2	617,200 *	617,200 *	617,200 *	50.0	79.7	617,200 *	617,200 *	617,200 *
45.0	79.1	617,200 *	617,200 *	617,200 *	50.0	78.7	617,200 *	617,200 *	617,200 *	55.0	78.4	615,900 *	617,200 *	617,200 *
50.0	77.4	617,200 *	617,200 *	617,200 *	55.0	77.2	617,000 *	617,200 *	617,200 *	60.0	77.0	604,500 *	614,000 *	617,200 *
55.0	75.7	617,200 *	617,200 *	617,200 *	60.0	75.7	607,400 *	614,500 *	617,200 *	65.0	75.6	555,800 *	597,100 *	617,200 *
60.0	74.0	608,200 *	614,800 *	617,200 *	65.0	74.2	558,600 *	599,900 *	617,200 *	70.0	74.3	513,700 *	557,300 *	605,700 *
65.0	72.3	560,700 *	601,700 *	617,200 *	70.0	72.6	515,700 *	560,200 *	607,700 *	75.0	72.9	474,200 *	517,300 *	577,500 *
70.0	70.6	516,700 *	562,200 *	609,000 *	75.0	71.1	475,900 *	519,700 *	580,300 *	80.0	71.5	437,700 *	480,400 *	538,100 *
75.0	68.9	476,300 *	521,200 *	581,900 *	80.0	69.5	439,500 *	482,200 *	540,900 *	85.0	70.1	406,000 *	445,800 *	500,700 *
80.0	67.1	440,000 *	483,100 *	541,900 *	85.0	68.0	407,700 *	447,800 *	502,900 *	90.0	68.6	378,600 *	416,400 *	467,900 *
85.0	65.3	408,400 *	448,700 *	503,800 *	90.0	66.4	380,600 *	418,300 *	470,100 *	95.0	67.2	354,100 *	389,900 *	438,500 *
90.0	63.5	381,200 *	419,100 *	471,200 *	95.0	64.7	356,100 *	391,800 *	440,700 *	100.0	65.7	332,100 *	365,900 *	411,900 *
95.0	61.7	356,900 *	392,600 *	441,900 *	100.0	63.1	334,000 *	367,900 *	414,100 *	110.0	62.8	294,600 *	325,200 *	366,900 *
100.0	59.8	334,900 *	368,800 *	415,400 *	110.0	59.7	296,600 *	327,300 *	369,100 *	120.0	59.7	263,800 *	291,700 *	329,900 *
110.0	55.9	297,600 *	328,300 *	370,400 *	120.0	56.3	265,900 *	293,700 *	332,100 *	130.0	56.6	238,000 *	263,600 *	298,800 *
120.0	51.8	266,900 *	294,800 *	333,500 *	130.0	52.6	240,000 *	265,800 *	301,000 *	140.0	53.3	216,000 *	239,800 *	272,400 *
130.0	47.4	241,100 *	266,900 *	302,300 *	140.0	48.8	218,200 *	242,000 *	274,700 *	150.0	49.8	197,200 *	219,300 *	249,500 *
140.0	42.7	219,100 *	243,000 *	275,900 *	150.0	44.7	199,100 *	221,300 *	252,000 *	160.0	46.2	180,800 *	201,500 *	229,900 *
150.0	37.6	200,200 *	222,500 *	251,500 *	160.0	40.2	182,900 *	203,700 *	232,200 *	170.0	42.3	166,300 *	185,800 *	212,400 *
160.0	31.6	183,800 *	203,100 *	222,300 *	170.0	35.3	168,400 *	187,800 *	214,600 *	180.0	38.1	153,500 *	171,900 *	197,100 *
162.4	30.0	180,100 *	197,700 *	214,500 *	179.5	30.0	156,000 *	174,600 *	192,200 *	190.0	33.4	142,000 *	159,500 *	183,300 *
										196.5	30.0	135,300 *	152,100 *	171,500 *

Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P14.



SUPER HEAVY LIFT

LIFTING CAPACITIES

Luffing Boom Lifting Capacities														Unit: lbs
Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, Palette weight: 551,100 lbs														
236' Boom					256' Boom					276' 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)		
		Palette Weight Radius					Palette Weight Radius					Palette Weight Radius		
		36 ft	42.5 ft	52.5 ft			36 ft	42.5 ft	52.5 ft			36 ft	42.5 ft	52.5 ft
44.3	82.0	555,500 *	555,500 *	555,500 *	46.9	82.0	470,600 *	470,600 *	470,600 *	49.9	82.0	402,900 *	402,900 *	402,900 *
45.0	81.8	555,500 *	555,500 *	555,500 *	50.0	81.3	470,600 *	470,600 *	470,600 *	50.0	82.0	402,900 *	402,900 *	402,900 *
50.0	80.6	555,500 *	555,500 *	555,500 *	55.0	80.2	470,600 *	470,600 *	470,600 *	55.0	80.9	402,900 *	402,900 *	402,900 *
55.0	79.4	555,500 *	555,500 *	555,500 *	60.0	79.1	470,600 *	470,600 *	470,600 *	60.0	79.8	402,900 *	402,900 *	402,900 *
60.0	78.1	554,300 *	555,500 *	555,500 *	65.0	77.9	470,600 *	470,600 *	470,600 *	65.0	78.8	402,900 *	402,900 *	402,900 *
65.0	76.9	547,700 *	555,500 *	555,500 *	70.0	76.8	470,600 *	470,600 *	470,600 *	70.0	77.7	402,900 *	402,900 *	402,900 *
70.0	75.6	511,600 *	542,300 *	555,500 *	75.0	75.6	458,600 *	470,600 *	470,600 *	75.0	76.6	402,900 *	402,900 *	402,900 *
75.0	74.4	472,500 *	514,800 *	550,900 *	80.0	74.4	434,500 *	464,800 *	470,600 *	80.0	75.6	402,100 *	402,900 *	402,900 *
80.0	73.1	435,900 *	478,400 *	535,400 *	85.0	73.3	402,500 *	441,600 *	470,600 *	85.0	74.5	398,700 *	402,900 *	402,900 *
85.0	71.8	404,000 *	443,800 *	498,400 *	90.0	72.1	375,300 *	412,700 *	457,200 *	90.0	73.4	373,100 *	400,400 *	402,900 *
90.0	70.5	376,700 *	414,300 *	465,700 *	95.0	70.9	350,700 *	386,000 *	434,500 *	95.0	72.3	348,500 *	383,700 *	402,600 *
95.0	69.2	352,100 *	387,700 *	436,300 *	100.0	69.7	328,500 *	362,000 *	407,900 *	100.0	71.2	326,300 *	359,700 *	397,300 *
100.0	67.9	330,100 *	363,700 *	409,700 *	110.0	67.3	290,900 *	321,300 *	362,800 *	110.0	69.0	288,700 *	318,900 *	360,300 *
110.0	65.2	292,500 *	322,800 *	364,700 *	120.0	64.8	260,000 *	287,700 *	325,700 *	120.0	66.7	257,500 *	285,300 *	323,100 *
120.0	62.5	261,700 *	289,500 *	327,500 *	130.0	62.3	234,000 *	259,600 *	294,600 *	130.0	64.4	231,600 *	257,000 *	292,000 *
130.0	59.7	235,800 *	261,400 *	296,400 *	140.0	59.7	212,100 *	235,700 *	268,100 *	140.0	62.1	209,600 *	233,200 *	265,600 *
140.0	56.8	213,800 *	237,500 *	270,000 *	150.0	57.0	193,200 *	215,200 *	245,300 *	150.0	59.7	190,600 *	212,500 *	242,700 *
150.0	53.8	194,800 *	216,900 *	247,100 *	160.0	54.3	176,700 *	197,300 *	225,500 *	160.0	57.2	174,300 *	194,800 *	223,000 *
160.0	50.7	178,500 *	199,100 *	227,400 *	170.0	51.4	162,200 *	181,600 *	208,200 *	170.0	54.7	159,800 *	179,000 *	205,500 *
170.0	47.4	163,900 *	183,400 *	210,000 *	180.0	48.4	149,500 *	167,800 *	192,800 *	180.0	52.0	147,000 *	165,200 *	190,300 *
180.0	44.0	151,300 *	169,500 *	194,700 *	190.0	45.3	138,100 *	155,300 *	179,100 *	190.0	49.3	135,600 *	152,900 *	176,500 *
190.0	40.3	139,800 *	157,000 *	180,900 *	200.0	42.0	127,800 *	144,400 *	166,900 *	200.0	46.5	125,400 *	141,700 *	164,200 *
200.0	36.2	129,600 *	146,100 *	168,600 *	210.0	38.5	118,500 *	134,200 *	155,800 *	210.0	43.5	116,100 *	131,800 *	153,100 *
210.0	31.8	120,300 *	135,900 *	157,500 *	220.0	34.6	110,300 *	125,200 *	145,600 *	220.0	40.3	107,800 *	122,600 *	143,100 *
213.6	30.0	117,200 *	132,700 *	152,900 *	230.0	30.3	102,700 *	116,900 *	136,400 *	230.0	36.9	100,200 *	114,300 *	133,900 *
					230.6	30.0	102,200 *	116,400 *	136,000 *	240.0	33.1	93,100 *	106,900 *	125,400 *
										247.7	30.0	88,100 *	101,400 *	119,400 *

Note: Loads enclosed in bold lines in the table require double-drum specifications. Refer to supplemental data P14.



HYDRAULIC CRAWLER CRANE

\$16000

Long Boom Lifting Capacities

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, Palette weight: 551,100 lbs x 36.0 ft to 52.5 ft

295' Boom			315' Boom			335' Boom			354' 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)
49.2	82.0	216,000 *	51.8	82.0	216,000 *	54.8	82.0	185,100 *	57.4	82.0	185,100 *
50.0	81.8	216,000 *	55.0	81.4	216,000 *	55.0	81.9	185,100 *	60.0	81.6	185,100 *
55.0	80.8	216,000 *	60.0	80.5	216,000 *	60.0	81.1	185,100 *	65.0	80.7	185,100 *
60.0	79.8	216,000 *	65.0	79.6	216,000 *	65.0	80.2	185,100 *	70.0	79.9	185,100 *
65.0	78.9	216,000 *	70.0	78.6	216,000 *	70.0	79.3	185,100 *	75.0	79.1	185,100 *
70.0	77.9	216,000 *	75.0	77.7	216,000 *	75.0	78.4	185,100 *	80.0	78.3	185,100 *
75.0	76.9	216,000 *	80.0	76.8	215,900 *	80.0	77.6	185,100 *	85.0	77.4	184,900 *
80.0	75.9	216,000 *	85.0	75.8	215,400 *	85.0	76.7	185,100 *	90.0	76.6	178,900 *
85.0	74.9	216,000 *	90.0	74.9	208,100 *	90.0	75.8	185,100 *	95.0	75.8	172,900 *
90.0	73.9	216,000 *	95.0	73.9	200,900 *	95.0	74.9	185,100 *	100.0	74.9	167,000 *
95.0	72.8	216,000 *	100.0	73.0	193,600 *	100.0	74.0	185,100 *	110.0	73.3	155,800 *
100.0	71.8	215,100 *	110.0	71.1	178,200 *	110.0	72.2	185,100 *	120.0	71.6	144,100 *
110.0	69.8	206,200 *	120.0	69.1	161,800 *	120.0	70.4	176,300 *	130.0	69.8	133,600 *
120.0	67.7	194,600 *	130.0	67.2	145,200 *	130.0	68.6	165,900 *	140.0	68.1	124,600 *
130.0	65.6	184,900 *	140.0	65.2	129,600 *	140.0	66.7	155,100 *	150.0	66.3	117,400 *
140.0	63.4	172,800 *	150.0	63.2	115,500 *	150.0	64.9	145,400 *	160.0	64.6	111,500 *
150.0	61.2	160,900 *	160.0	61.1	104,200 *	160.0	63.0	136,900 *	170.0	62.8	105,300 *
160.0	59.0	150,400 *	170.0	59.0	96,900 *	170.0	61.0	129,200 *	180.0	60.9	100,200 *
170.0	56.7	142,000 *	180.0	56.8	91,600 *	180.0	59.0	122,100 *	190.0	59.1	95,300 *
180.0	54.3	134,200 *	190.0	54.6	86,900 *	190.0	57.0	115,100 *	200.0	57.1	90,600 *
190.0	51.9	126,900 *	200.0	52.4	82,800 *	200.0	54.9	108,800 *	210.0	55.2	85,700 *
200.0	49.3	120,500 *	210.0	50.0	79,300 *	210.0	52.8	103,800 *	220.0	53.2	81,700 *
210.0	46.7	115,500 *	220.0	47.6	76,800 *	220.0	50.6	100,200 *	230.0	51.1	78,200 *
220.0	44.0	111,800 *	230.0	45.1	74,600 *	230.0	48.4	96,600 *	240.0	49.0	75,200 *
230.0	41.1	108,200 *	240.0	42.4	72,700 *	240.0	46.0	93,200 *	250.0	46.8	72,500 *
240.0	38.0	104,900 *	250.0	39.6	70,900 *	250.0	43.6	90,100 *	260.0	44.6	69,500 *
250.0	34.7	101,800 *	260.0	36.7	69,500 *	260.0	41.0	86,600 *	270.0	42.2	67,600 *
260.0	31.1	98,400 *	270.0	33.5	68,400 *	270.0	38.3	84,400 *	280.0	39.7	66,000 *
262.8	30.1	97,400 *	279.9	30.1	67,400 *	280.0	35.4	82,800 *	290.0	37.1	64,400 *
						290.0	32.4	81,100 *	300.0	34.3	63,000 *
						296.9	30.1	79,800 *	310.0	31.3	62,000 *
									314.0	30.0	61,700 *

Note: Refer to supplemental data P14.



SUPER HEAVY LIFT

LIFTING CAPACITIES

Long Boom Lifting Capacities										
Unit: lbs										
Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, Palette weight: 551,100 lbs x 36.0 ft to 52.5 ft										
374' Boom			394' Boom			413' 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)		
60.0	82.0	176,300 *	63.0	82.0	154,300 *	65.6	82.0	132,200 *		
65.0	81.2	175,100 *	65.0	81.7	154,300 *	70.0	81.4	131,200 *		
70.0	80.5	174,000 *	70.0	80.9	154,300 *	75.0	80.7	129,900 *		
75.0	79.7	172,800 *	75.0	80.2	153,600 *	80.0	80.0	128,600 *		
80.0	78.9	171,600 *	80.0	79.5	152,500 *	85.0	79.3	127,400 *		
85.0	78.1	170,400 *	85.0	78.7	151,500 *	90.0	78.6	126,100 *		
90.0	77.3	169,300 *	90.0	78.0	150,300 *	95.0	77.8	122,200 *		
95.0	76.5	168,100 *	95.0	77.2	149,100 *	100.0	77.1	117,100 *		
100.0	75.7	166,900 *	100.0	76.5	147,600 *	110.0	75.7	108,100 *		
110.0	74.2	160,700 *	110.0	75.0	140,400 *	120.0	74.3	99,200 *		
120.0	72.6	151,000 *	120.0	73.5	131,100 *	130.0	72.8	92,900 *		
130.0	70.9	141,500 *	130.0	71.9	122,500 *	140.0	71.4	88,600 *		
140.0	69.3	133,200 *	140.0	70.4	114,400 *	150.0	69.9	84,500 *		
150.0	67.7	124,500 *	150.0	68.8	107,900 *	160.0	68.4	80,500 *		
160.0	66.0	116,400 *	160.0	67.3	102,900 *	170.0	66.9	76,700 *		
170.0	64.3	111,200 *	170.0	65.7	98,300 *	180.0	65.4	73,300 *		
180.0	62.6	106,700 *	180.0	64.1	94,600 *	190.0	63.9	70,200 *		
190.0	60.8	102,400 *	190.0	62.4	91,000 *	200.0	62.3	67,600 *		
200.0	59.1	98,100 *	200.0	60.8	87,600 *	210.0	60.7	65,200 *		
210.0	57.3	94,100 *	210.0	59.1	84,600 *	220.0	59.1	63,200 *		
220.0	55.4	91,100 *	220.0	57.4	82,100 *	230.0	57.5	61,400 *		
230.0	53.5	88,200 *	230.0	55.6	79,800 *	240.0	55.8	59,800 *		
240.0	51.6	85,400 *	240.0	53.8	77,600 *	250.0	54.1	58,300 *		
250.0	49.6	82,700 *	250.0	52.0	75,500 *	260.0	52.4	57,100 *		
260.0	47.6	80,200 *	260.0	50.1	73,800 *	270.0	50.6	55,900 *		
270.0	45.4	78,300 *	270.0	48.2	72,200 *	280.0	48.8	54,900 *		
280.0	43.2	76,700 *	280.0	46.2	70,900 *	290.0	46.9	54,000 *		
290.0	40.9	75,400 *	290.0	44.2	69,700 *	300.0	45.0	52,900 *		
300.0	38.5	74,200 *	300.0	42.0	68,700 *	310.0	43.0	52,100 *		
310.0	36.0	73,100 *	310.0	39.8	67,700 *	320.0	40.9	51,200 *		
320.0	33.3	70,800 *	320.0	37.4	66,900 *	330.0	38.7	50,200 *		
330.0	30.4	67,400 *	330.0	35.0	65,700 *	340.0	36.4	49,200 *		
331.0	30.0	67,000 *	340.0	32.3	62,500 *	350.0	34.0	48,700 *		
			348.1	30.0	59,900 *	360.0	31.4	48,200 *		
						365.2	30.0	48,000 *		

Note: Refer to supplemental data P14.



HYDRAULIC CRAWLER CRANE

\$160000

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, Palette weight: 286,600 lbs x 52.5 ft

118' Boom

Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		256' Jib		276' Jib		Load Radius (ft)																																			
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)																																					
	86	76	86	76	86	76	86	76	86	76	86	76																																				
47.2	440,900 *	332,700 * 323,500 * 312,000 * 280,800 *	299,200 * 288,300 * 276,900 * 266,600 * 257,900 * 250,100 * 243,200 * 231,800 * 209,500 * 187,500 * 167,000 * 144,800 *	76	86	76	86	76	86	76	86	76	47.2																																			
50	419,900 *												222,800 * 219,100 * 215,400 * 211,200 * 165,500 * 162,800 * 159,400 * 155,200 * 149,700 * 143,100 * 136,600 * 130,500 * 151,700 *	174,000 *	86	76	86	76	50																													
55	390,200 *																		104,300 * 118,300 * 115,300 * 112,000 * 108,300 * 100,700 * 84,900 * 93,100 * 88,900 * 84,900 * 81,100 * 77,100 * 71,300 *	104,300 *	112,600 *	86	76	55																								
60	371,700 *																							104,300 *	112,600 *	86	76	60																				
65	361,400 *																											104,300 *	112,600 *	86	76	65																
70	352,400 *																															104,300 *	112,600 *	86	76	70												
75	346,000 *																																			104,300 *	112,600 *	86	76	75								
80	338,700 *																																							104,300 *	112,600 *	86	76	80				
85	322,600 *																																											104,300 *	112,600 *	86	76	85
90	295,600 *																																															104,300 *
95	252,500 *		104,300 *	112,600 *	86	76	95																																									
100							104,300 *	112,600 *	86	76	100																																					
110											104,300 *	112,600 *	86	76	110																																	
120															104,300 *	112,600 *	86	76	120																													
130																			104,300 *	112,600 *	86	76	130																									
140																							104,300 *	112,600 *	86	76	140																					
150																											104,300 *	112,600 *	86	76	150																	
160																															104,300 *	112,600 *	86	76	160													
170																																			104,300 *	112,600 *	86	76	170									
180																																							104,300 *	112,600 *	86	76	180					
190		104,300 *	112,600 *	86	76	190																																										
200						104,300 *	112,600 *	86	76	200																																						
210										104,300 *	112,600 *	86	76	210																																		
220														104,300 *	112,600 *	86	76	220																														
230																		104,300 *	112,600 *	86	76	230																										
240																						104,300 *	112,600 *	86	76	240																						
250																										104,300 *	112,600 *	86	76	250																		
260																														104,300 *	112,600 *	86	76	260														
270																																		104,300 *	112,600 *	86	76	270										
280																																						104,300 *	112,600 *	86	76	280						
290		104,300 *	112,600 *	86	76																																					290						
300						104,300 *	112,600 *	86	76																																	300						

138' Boom

Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		256' Jib		276' Jib		Load Radius (ft)	
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)			
	86	76	86	76	86	76	86	76	86	76	86	76		
55	403,600 *												55	
60	388,200 *												60	
65	375,600 *												65	
70	366,200 *												70	
75	356,500 *		276,600 *										75	
80	343,700 *		267,900 *		207,000 *								80	
85	323,700 *		258,900 *		205,300 *								85	
90	300,900 *		249,800 *		201,300 *								90	
95	266,800 *		240,500 *		196,600 *		163,700 *						95	
100		325,300 *	231,200 *		191,700 *		161,400 *						100	
110		276,600 *	212,900 *		181,200 *		156,000 *						110	
120		251,500 *	195,700 *		170,500 *		149,900 *						120	
130			179,900 *	218,700 *	159,900 *		143,500 *			112,000 *		100,000 *	130	
140			165,100 *	204,900 *	149,400 *	185,800 *	137,000 *			108,700 *		97,500 *	140	
150			150,300 *	189,400 *	139,500 *	184,000 *	130,400 *			105,100 *		94,800 *	150	
160				176,100 *	130,400 *	172,100 *	123,700 *	160,700 *		101,300 *		91,900 *	160	
170				164,200 *	121,800 *	160,200 *	117,200 *	154,700 *		96,800 *		88,800 *	170	
180					113,300 *	149,600 *	110,900 *	144,800 *		93,000 *		85,000 *	180	
190					104,300 *	140,200 *	104,800 *	135,400 *		89,500 *	108,700 *	80,800 *	90,700 *	190
200						132,100 *	97,700 *	124,700 *		85,600 *	105,600 *	76,600 *	87,800 *	200
210							90,200 *	114,500 *		81,700 *	100,700 *	72,900 *	83,300 *	210
220							121,500 *	82,200 *		101,300 *	96,100 *	69,300 *	79,100 *	220
230										74,300 *	91,800 *	65,900 *	75,200 *	230
240										70,800 *	87,800 *	62,900 *	71,700 *	240
250										88,900 *	84,100 *	60,000 *	68,300 *	250
260										64,600 *	80,600 *	57,300 *	65,200 *	260
270										60,200 *	76,500 *	53,100 *	62,300 *	270
280											71,300 *	46,700 *	59,700 *	280
290											66,100 *	40,200 *	57,200 *	290
300											61,000 *		54,800 *	300
													52,600 *	300

Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P15 and P16.

SUPER HEAVY LIFT

LIFTING CAPACITIES

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, Palette weight: 286,600 lbs x 52.5 ft

157' Boom

Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		256' Jib		276' Jib		Load Radius (ft)																																																																													
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)																																																																															
	86	76	86	76	86	76	86	76	86	76	86	76																																																																														
55	414,200 *												55																																																																													
60	398,400 *																						60																																																																			
65	385,500 *																																65																																																									
70	370,600 *																																										70																																															
75	352,300 *																																																				75																																					
80	332,100 *																																																				258,700 *										80																											
85	313,300 *																																																				250,700 *																			85																		
90	296,300 *																																																				242,300 *																												90									
95	275,400 *																																																				233,600 *																																					95
100																																																					225,000 *																																					
110		216,400 *										110																																																																														
120		320,000 *																			120																																																																					
130		302,500 *																												130																																																												
140		272,100 *																																					140																																																			
150		247,300 *																																														150																																										
160		199,600 *																																																							160																																	
170		183,800 *																																																																170																								
180		169,200 *																																																																									180															
190		219,200 *																																																																																		190						
200		150,800 *																																																																																								
210		141,000 *																																																																																								
220		193,400 *																																																																																								
230		181,400 *																																																																																								
240		115,200 *																																																																																								
250		127,800 *																																																																																								
260		121,600 *																																																																																								
270		112,200 *																																																																																								
280		150,400 *																																																																																								
290		88,700 *																																																																																								
300		96,400 *																																																																																								
		92,600 *																																																																																								
		84,200 *																																																																																								
		81,200 *																																																																																								
		78,400 *																																																																																								
		75,200 *																																																																																								
		72,200 *																																																																																								
		69,200 *																																																																																								
		66,100 *																																																																																								
		63,100 *																																																																																								
		60,300 *																																																																																								
		56,700 *																																																																																								
		51,200 *																																																																																								
		43,600 *																																																																																								
		36,900 *																																																																																								

177' Boom

Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		256' Jib		276' Jib		Load Radius (ft)
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		
	86	76	86	76	86	76	86	76	86	76	86	76	
60	392,300 *												60
65	371,200 *												65
70	350,600 *												70
75	330,900 *		239,100 *										75
80	312,000 *		231,400 *										80
85	294,200 *		223,500 *										85
90	278,300 *		215,300 *			173,900 *							90
95	263,900 *		207,200 *			169,600 *		137,700					95
100			296,600 *	199,200 *		165,100 *		135,400 *					100
110			266,700 *	183,400 *		155,500 *		130,200 *					110
120		242,500 *	168,700 *		146,000 *		124,400 *		100,800 *		90,600 *	120	
130			155,200 *	214,600	136,600 *		118,400 *		97,400 *		88,000 *	130	
140			142,800 *	197,000 *	127,500 *		112,400 *		93,700 *		85,300 *	140	
150			131,900 *	181,900 *	118,900 *		106,300 *		90,000 *		82,400 *	150	
160				169,100 *	110,900 *	164,800 *	100,400 *		86,200 *		79,300 *	160	
170				157,700 *	103,700 *	153,500 *	94,800 *	144,700 *	82,300 *		76,200 *	170	
180				147,500 *	97,000 *	143,400 *	89,400 *	138,300 *	78,500 *	111,200 *	73,100 *	180	
190				138,400 *	91,000 *	134,500 *	84,300 *	129,200 *	74,800 *	110,000 *	69,900 *	190	
200						126,500 *	79,600 *	121,400 *	71,100 *	105,100 *	66,900 *	85,500 *	200
210						119,300 *	75,200 *	114,200 *	67,600 *	100,100 *	63,900 *	81,800 *	210
220								107,700 *	64,300 *	95,400 *	61,000 *	77,800 *	220
230								101,800 *	61,100 *	91,100 *	58,300 *	73,900 *	230
240								95,100 *	58,300 *	87,200 *	55,600 *	70,500 *	240
250								87,900 *	55,500 *	83,600 *	52,900 *	67,300 *	250
260									52,900 *	80,100 *	48,100 *	64,300 *	260
270										76,300 *	40,300 *	61,400 *	270
280										70,600 *	33,600 *	58,900 *	280
290										65,400 *		56,400 *	290
300												54,000 *	300
310												51,000 *	310
320												43,400 *	320

Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P15 and P16.



HYDRAULIC CRAWLER CRANE

\$16000

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, Palette weight: 286,600 lbs x 52.5 ft

197' Boom

Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		256' Jib		276' Jib		Load Radius (ft)								
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)										
	86	76	86	76	86	76	86	76	86	76	86	76									
60	352,400 *	237,900 *	223,600 *	216,600 *	165,000 *	160,900 *	127,500 *	122,600 *	95,500 *	86,100 *	81,100 *	75,200 *	60								
65	334,600 *													209,400 *	202,000 *	156,600 *	117,300 *	111,800 *	106,100 *	88,900 *	83,700 *
70	317,200 *													187,300 *	147,700 *	138,700 *	129,900 *	111,800 *	100,300 *	88,900 *	81,100 *
75	300,400 *													172,800 *	159,400 *	146,900 *	129,900 *	111,800 *	100,300 *	88,900 *	81,100 *
80	284,300 *													159,400 *	146,900 *	129,900 *	111,800 *	100,300 *	88,900 *	81,100 *	81,100 *
85	269,200 *		135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *											
90	255,300 *		125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *											
95	242,700 *		125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *											
100			125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *											
110			125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *											
120		237,900 *	146,900 *	129,900 *	111,800 *	100,300 *	88,900 *	81,100 *	81,100 *	81,100 *	81,100 *	81,100 *	120								
130		217,600 *	146,900 *	129,900 *	111,800 *	100,300 *	88,900 *	81,100 *	81,100 *	81,100 *	81,100 *	81,100 *	130								
140			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	140								
150			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	150								
160			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	160								
170			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	170								
180			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	180								
190			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	190								
200			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	200								
210			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	210								
220			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	220								
230			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	230								
240			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	240								
250			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	250								
260			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	260								
270			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	270								
280			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	280								
290			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	290								
300			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	300								
310			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	310								
320			135,600 *	125,600 *	113,300 *	105,900 *	94,800 *	81,500 *	77,700 *	72,300 *	72,300 *	72,300 *	320								

217' Boom

Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		256' Jib		276' Jib		Load Radius (ft)				
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)						
	86	76	86	76	86	76	86	76	86	76	86	76					
65	305,900 *												65				
70	290,400 *																70
75	275,400 *		206,400 *														75
80	261,100 *		200,000 *														80
85	247,500 *		193,300 *														85
90	235,000 *		186,200 *		152,100 *								90				
95	223,500 *		179,300 *		148,500 *								95				
100			172,500 *		145,500 *		120,700 *						100				
110			159,400 *		137,100 *		115,800 *						110				
120		232,400 *	147,000 *		128,700 *		110,500 *		89,800 *				120				
130		212,500 *	135,500 *		120,300 *		105,000 *		86,600 *		77,800 *		130				
140			125,200 *	188,100 *	112,300 *		99,500 *		83,200 *		75,200 *		140				
150			116,100 *	173,700 *	104,900 *		93,900 *		79,600 *		72,300 *		150				
160				161,400 *	98,000 *	154,300 *	88,700 *		76,000 *		69,400 *		160				
170				150,400 *	91,600 *	146,100 *	83,700 *		72,400 *		66,600 *		170				
180				140,600 *	85,800 *	136,400 *	78,900 *	128,500 *	68,900 *		63,700 *		180				
190				132,000 *	80,600 *	127,600 *	74,400 *	122,300 *	65,500 *		60,700 *		190				
200						120,200 *	70,200 *	114,900 *	62,200 *	97,600 *	58,000 *		200				
210						113,400 *	66,400 *	108,100 *	59,000 *	95,300 *	55,300 *	84,500 *	210				
220						107,000 *	62,900 *	101,800 *	56,100 *	93,200 *	52,600 *	81,400 *	220				
230								96,100 *	53,200 *	91,700 *	50,100 *	77,200 *	230				
240								90,900 *	50,700 *	86,800 *	47,800 *	73,500 *	240				
250								86,200 *	48,400 *	82,200 *	45,600 *	70,100 *	250				
260								81,900 *	45,900 *	77,900 *	41,200 *	66,800 *	260				
270										73,900 *	33,700 *	63,800 *	270				
280										70,200 *	27,000 *	61,200 *	280				
290										66,800 *	21,200 *	58,500 *	290				
300										62,400 *		55,900 *	300				
310												52,500 *	310				
320												43,400 *	320				

Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P15 and P16.

SUPER HEAVY LIFT

LIFTING CAPACITIES

Luffing Jib Lifting Capacities													Unit: lbs
Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, Palette weight: 286,600 lbs x 52.5 ft													
236' Boom													
Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		256' Jib		276' Jib		Load Radius (ft)
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		
	86	76	86	76	86	76	86	76	86	76	86	76	
65	282,000 *												65
70	268,700 *												70
75	255,800 *												75
80	243,200 *		184,700 *		143,600 *								80
85	231,100 *		178,700 *		140,000 *								85
90	220,100 *		172,600 *		136,300 *								90
95	209,900 *		166,500 *		128,600 *								95
100			160,400 *		120,800 *		112,100 *						100
110			148,600 *		113,300 *		107,600 *						110
120		226,600 *	137,500 *		106,000 *		102,800 *		84,600 *				120
130		207,200 *	127,300 *		99,100 *		97,700 *		81,600 *		73,200 *		130
140			117,800 *	182,900 *	106,000 *		92,500 *		78,400 *		70,800 *		140
150			109,400 *	168,800 *	99,100 *		87,500 *		75,000 *		68,100 *		150
160			102,700 *	156,800 *	92,700 *		82,800 *		71,600 *		65,400 *		160
170				146,200 *	86,800 *	141,800 *	78,200 *		68,300 *		62,500 *		170
180				136,700 *	81,500 *	132,300 *	73,800 *	119,300 *	65,000 *		59,600 *		180
190				128,300 *	76,600 *	123,900 *	69,700 *	113,200 *	61,800 *		57,100 *		190
200				120,900 *		116,600 *	65,700 *	109,800 *	58,700 *	92,600 *	54,400 *		200
210						109,800 *	62,100 *	104,400 *	55,800 *	90,600 *	52,000 *	80,600 *	210
220						103,600 *	58,900 *	98,300 *	53,000 *	88,600 *	49,600 *	79,500 *	220
230						98,100 *		92,800 *	50,400 *	87,300 *	47,300 *	78,800 *	230
240						93,100 *		87,900 *	48,000 *	83,500 *	44,600 *	75,200 *	240
250								83,300 *	45,800 *	79,200 *	41,900 *	71,700 *	250
260								79,000 *	42,700 *	75,000 *	37,300 *	68,300 *	260
270										71,000 *	30,000 *	65,100 *	270
280										67,500 *	23,400 *	62,300 *	280
290										64,100 *		59,600 *	290
300										60,200 *		56,900 *	300
310												53,000 *	310
320												42,700 *	320
330												33,200 *	330
256' Boom													
Load Radius (ft)	98' Jib		138' Jib		177' Jib		217' Jib		256' Jib		276' Jib		Load Radius (ft)
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		
	86	76	86	76	86	76	86	76	86	76	86	76	
70	222,500 *												70
75	213,500 *												75
80	204,500 *		170,300 *										80
85	195,600 *		165,000 *		128,800 *								85
90	187,000 *		159,300 *		125,400 *								90
95	178,800 *		153,700 *		118,100 *								95
100	170,800 *		148,200 *		111,100 *		104,400 *						100
110	155,500 *		137,400 *		104,100 *		100,100 *						110
120	139,400 *		127,200 *		97,300 *		95,500 *		79,100 *				120
130		199,200 *	117,900 *		91,100 *		90,800 *		76,200 *		68,400 *		130
140		182,200 *	109,400 *		85,400 *		86,000 *		73,100 *		65,900 *		140
150		165,100 *	101,600 *		80,000 *		81,300 *		69,900 *		63,200 *		150
160		148,300 *	95,400 *	151,700 *	85,400 *		76,700 *		66,700 *		60,700 *		160
170				139,300 *	80,000 *	137,300 *	72,400 *		63,500 *		58,100 *		170
180				127,100 *	75,000 *	127,600 *	68,200 *	112,300 *	60,400 *		55,500 *		180
190				116,200 *	70,600 *	117,500 *	64,000 *	109,600 *	57,400 *		52,900 *		190
200				106,100 *	67,100 *	108,600 *	60,800 *	105,800 *	54,500 *		50,400 *		200
210						100,300 *	57,600 *	100,700 *	51,800 *	85,600 *	48,000 *	76,100 *	210
220						92,700 *	54,600 *	95,100 *	49,100 *	83,300 *	45,700 *	75,100 *	220
230						85,700 *		89,700 *	46,600 *	80,800 *	43,500 *	74,200 *	230
240						79,000 *		84,900 *	44,400 *	79,500 *	41,500 *	72,300 *	240
250								80,400 *	42,400 *	76,200 *	38,200 *	70,200 *	250
260								76,200 *	39,000 *	72,200 *	33,000 *	68,000 *	260
270								72,400 *		68,400 *	26,000 *	65,600 *	270
280								68,800 *		64,900 *	19,800 *	63,100 *	280
290										61,600 *		60,700 *	290
300										57,800 *		56,800 *	300
310										52,400 *		50,400 *	310
320										42,700 *		40,900 *	320
330												31,900 *	330

Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P15 and P16.



HYDRAULIC CRAWLER CRANE

\$16000

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, Palette weight: 286,600 lbs x 52.5 ft

276' Boom

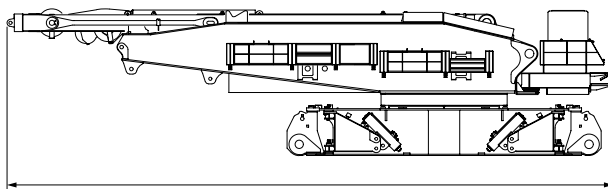
Load Radius (ft)	98' Jib		138' Jib		177' Jib		217' Jib		256' Jib		276' Jib		Load Radius (ft)
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		
	86	76	86	76	86	76	86	76	86	76	86	76	
75	193,400 *												75
80	181,800 *		165,300 *										80
85	171,200 *		160,300 *										85
90	161,600 *		155,100 *										90
95	152,600 *		149,400 *		120,400 *								95
100	144,400 *		143,400 *		117,300 *								100
110	129,300 *		131,400 *		110,900 *								110
120	115,600 *		119,800 *		104,400 *		86,600 *		72,800 *				120
130			109,000 *		98,000 *		82,400 *		70,100 *		64,300 *		130
140		158,500 *	99,200 *		91,900 *		78,200 *		67,200 *		62,000 *		140
150		141,700 *	90,500 *		86,200 *		74,000 *		64,200 *		59,500 *		150
160		127,200 *	82,200 *	129,300 *	80,800 *		69,900 *		61,300 *		57,000 *		160
170		113,500 *		117,600 *	75,900 *	116,200 *	66,100 *		58,300 *		54,400 *		170
180				107,100 *	70,900 *	106,400 *	62,400 *		55,400 *		52,000 *		180
190				97,700 *	65,200 *	97,600 *	58,900 *		52,700 *		49,600 *		190
200				89,200 *	59,600 *	90,100 *	55,700 *	96,300 *	50,200 *		47,400 *		200
210						83,000 *	52,900 *	92,600 *	47,700 *	78,900 *	45,200 *		210
220						76,600 *	50,200 *	88,700 *	45,300 *	77,000 *	43,100 *	70,600 *	220
230						70,500 *	47,700 *	84,500 *	43,100 *	74,600 *	40,900 *	69,100 *	230
240						65,000 *	45,700 *	80,400 *	41,100 *	73,300 *	39,000 *	68,100 *	240
250								76,300 *	39,200 *	71,100 *	34,500 *	66,500 *	250
260								71,100 *	35,500 *	68,400 *	28,500 *	64,500 *	260
270								64,600 *		65,300 *		62,300 *	270
280								57,800 *		62,000 *		59,800 *	280
290										57,300 *		56,900 *	290
300										52,200 *		52,900 *	300
310										46,900 *		47,300 *	310
320										40,000 *		38,500 *	320
330												30,200 *	330
340												22,100 *	340

Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P15 and P16.

TRANSPORTATION PLAN

Base Machine

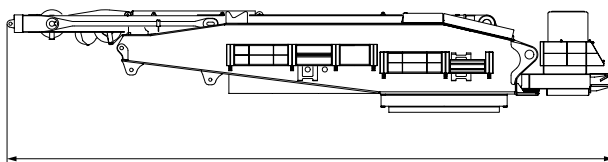
Base machine with mast and lower translifter without upper/lower connecting devices.



Weight	141,000 lbs
Width	9' 10"
Height	11' 2"
(Machine)	
Length	46' 9"

Upper Structure

Upper structure with mast and upper/lower connecting devices.



Weight	99,900 lbs
Width	9' 10"
Height	7' 9"
(Machine)	
Length	46' 9"

Upper translifter: 5,300 lbs

Lower translifter: 5,100 lbs

Upper connecting device: 2,000 lbs

Lower connecting device: 5,500 lbs



THE DRAUGHTS GRAVITY GRAVITY

\$16000

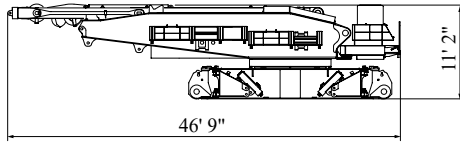
[illegible]

HYDRAULIC CRAWLER CRANE PARTS AND ATTACHMENTS

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

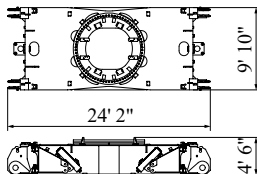
Base Machine

With mast and lower transfliter without upper/lower connecting devices.
Weight: 141,000 lbs (64,000 kg) Width: 9' 10" (3,000 mm)



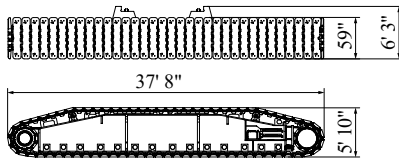
Carbody

With upper/lower connecting devices.
Weight: 49,900 lbs (22,610 kg) Width: 9' 10" (2,990 mm)



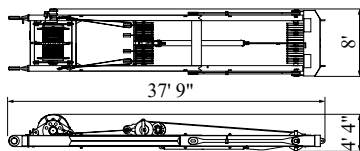
Crawler

Weight: 88,200 lbs (40,000 kg) Width: 59" (1,500 mm)



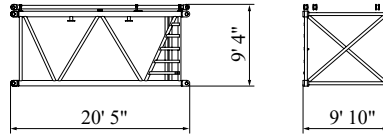
Crane Mast (Standard)

Weight: 27,500 lbs (12,460 kg)



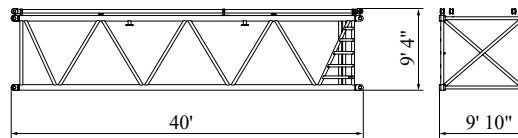
19.7 ft (6 m) Insert Boom

With 19.7 ft (6 m) guy line x 4
Weight: 8,300 lbs (3,760 kg)



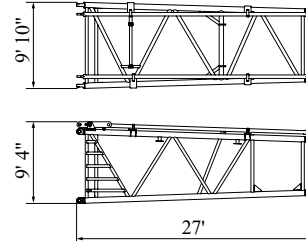
39.4 ft (12 m) Insert Boom

With 39.4 ft (12 m) guy line x 4
Weight: 14,500 lbs (6,570 kg)



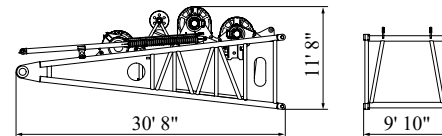
26.2 ft (8 m) Tapered Boom

With 26.2 ft (8 m) guy line x 2
Weight: 11,400 lbs (5,150 kg)



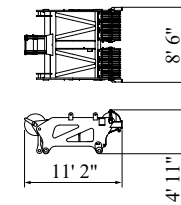
29.5 ft (9 m) Boom Base

With H1, H2 and W2 winches including ropes, guide sheave, and boom backstop
Weight: 62,700 lbs (28,440 kg)



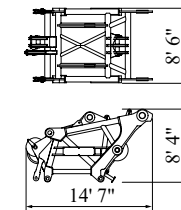
Heavy Boom Top

Weight: 10,800 lbs (4,910 kg)



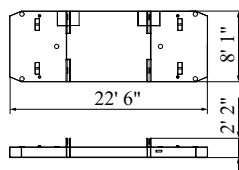
Luffing Boom Top

Weight: 12,200 lbs (5,520 kg)



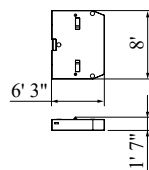
Base Counterweight

Weight: 44,100 lbs (20,000 kg)



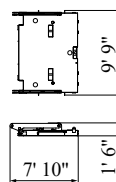
Counterweight

Weight: 22,100 lbs (10,000 kg)



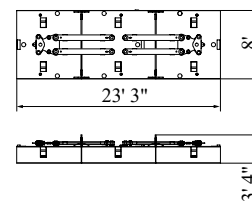
Base Carbody Weight

Weight: 11,900 lbs (5,400 kg)



Base Pallet Weight

Weight: 24,300 lbs (11,000 kg)



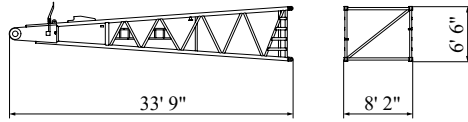
HYDRAULIC CRAWLER CRANE

\$16000

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

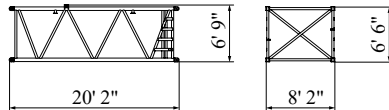
32.8 ft (10 m) Jib Base

Weight: 8,300 lbs (3,780 kg)



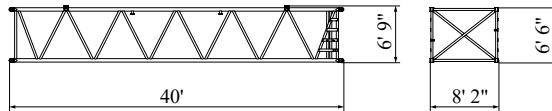
19.7 ft (6 m) Insert Jib

Weight: 3,200 lbs (1,470 kg)



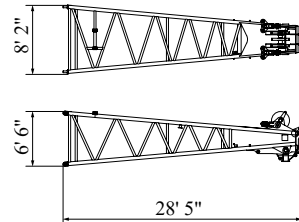
39.4 ft (12 m) Insert Jib

Weight: 5,900 lbs (2,680 kg)



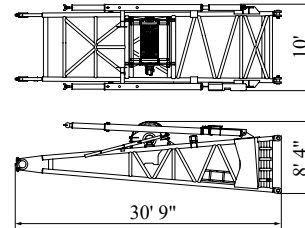
26.2 ft (8 m) Jib Top

Weight: 8,100 lbs (3,690 kg)



29.5 ft (8 m) Mast Base

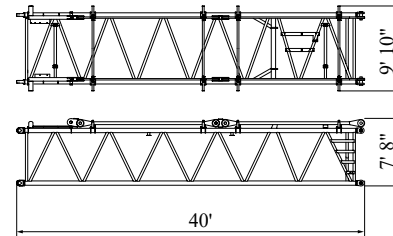
Weight: 30,200 lbs (13,700 kg)



39.4 ft (12 m) Insert Mast

With guy line

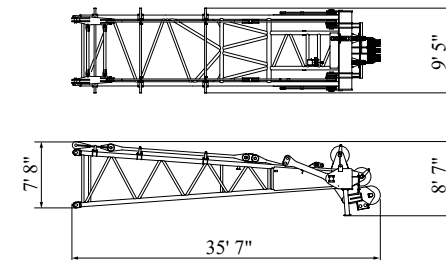
Weight: 12,500 lbs (5,650 kg)



29.5 ft (9 m) Mast Top

With guy line

Weight: 22,200 lbs (10,080 kg)



Other Attachments

Attachments	Weight	Dimensions (L x W x H)
Hanger sheave	4,410 lbs (2,010 kg)	9' (2,760 mm) x 7' (2,130 mm) x 2' 6" (760 mm)
16.4 ft (5 m) insert boom for long boom	3,900 lbs (1,790 kg)	17' (5,180 mm) x 8' 2" (2,490 mm) x 7' 4" (2,230 mm)
Rear strut base	4,400 lbs (1,990 kg)	22' 5" (6,820 mm) x 8' 6" (2,590 mm) x 5' 4" (1,620 mm)
Rear strut top	5,300 lbs (2,410 kg)	23' 2" (7,060 mm) x 5' (1,530 mm) x 4' 7" (1,390 mm)
Front strut base	4,100 lbs (1,840 kg)	24' 6" (7,460 mm) x 5' 5" (1,640 mm) x 4' 4" (1,330 mm)
Front strut top	6,700 lbs (3,040 kg)	26' 6" (8,080 mm) x 5' (1,530 mm) x 6' 10" (2,090 mm)
Auxiliary sheave	1,400 lbs (650 kg)	7' 10" (2,380 mm) x 3' 8" (1,130 mm) x 3' (910 mm)

Note: Estimated weights may vary $\pm 2\%$.



HYDRAULIC CRAWLER CRANE

SL6000

Note: Standard equipment may vary depending on your areas or countries.

Due to our policy of continual product improvements all designs and specifications are subject to change without advance notice.

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