

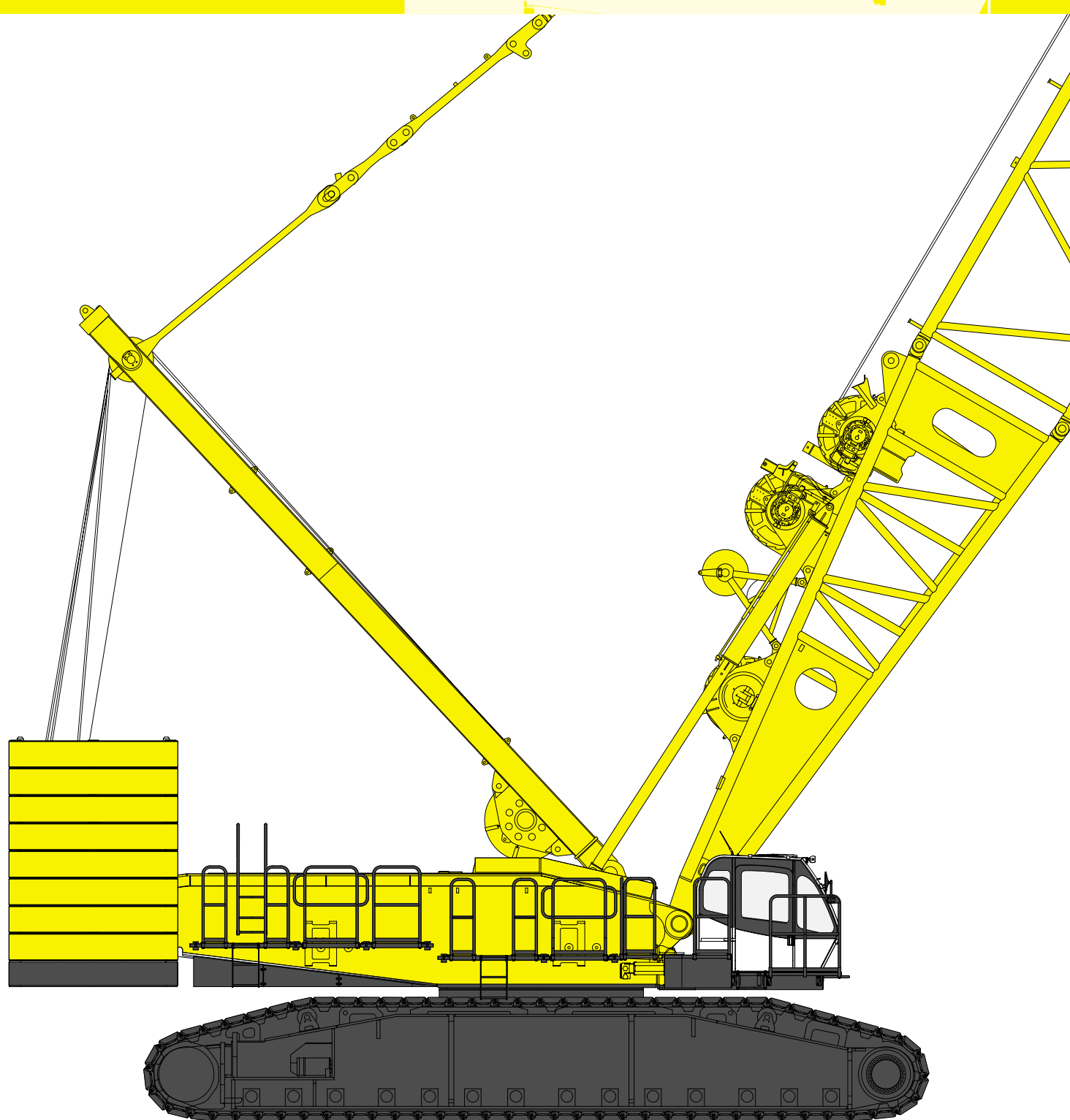


HYDRAULIC CRAWLER CRANE

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

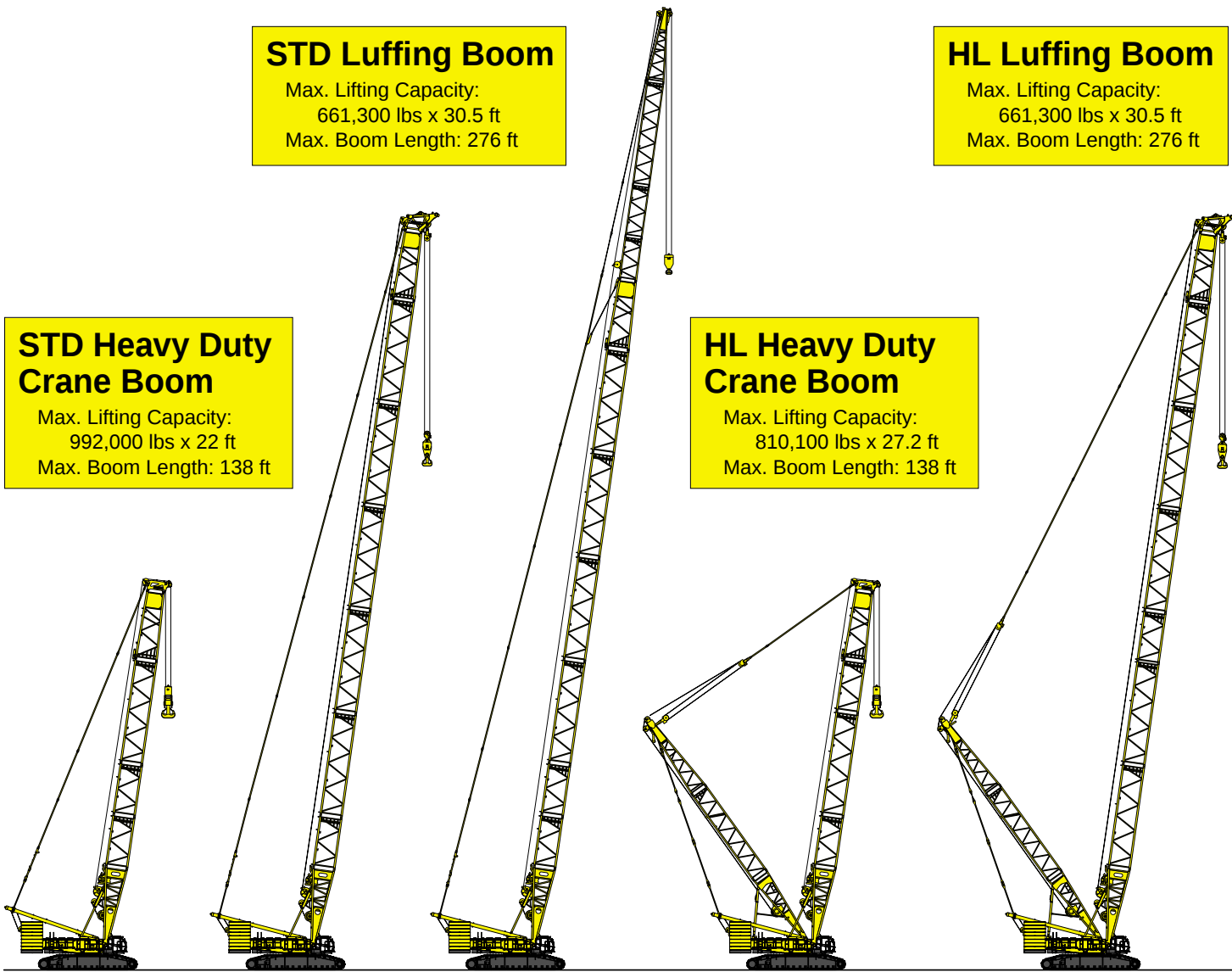
Max. Lifting Capacity:
661,300 lbs x 30.5 ft
Max. Boom Length: 276 ft

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





HYDRAULIC CRAWLER CRANE

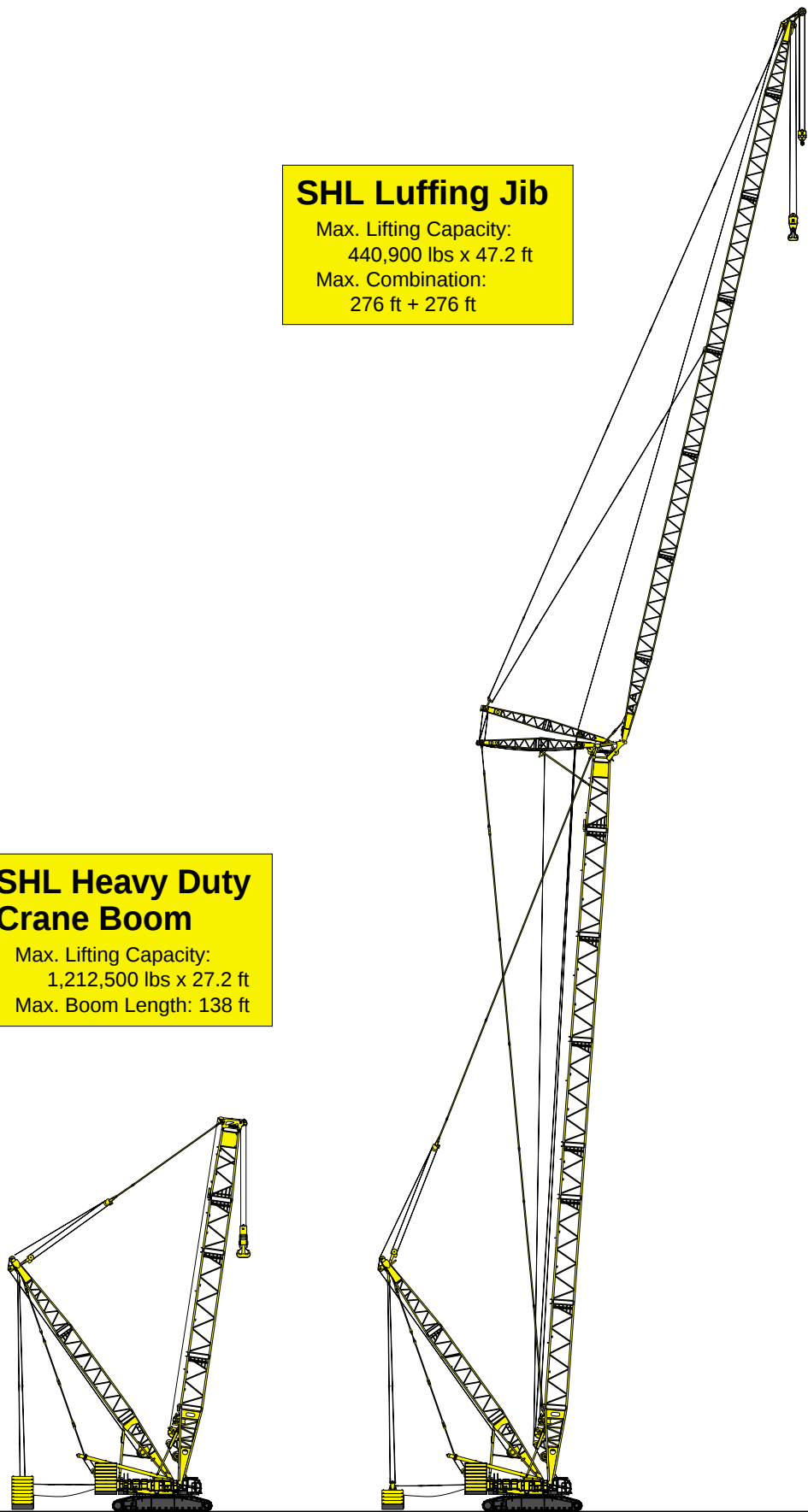
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SHL Luffing Jib

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



HYDRAULIC CRAWLER CRANE

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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 translifter.

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)

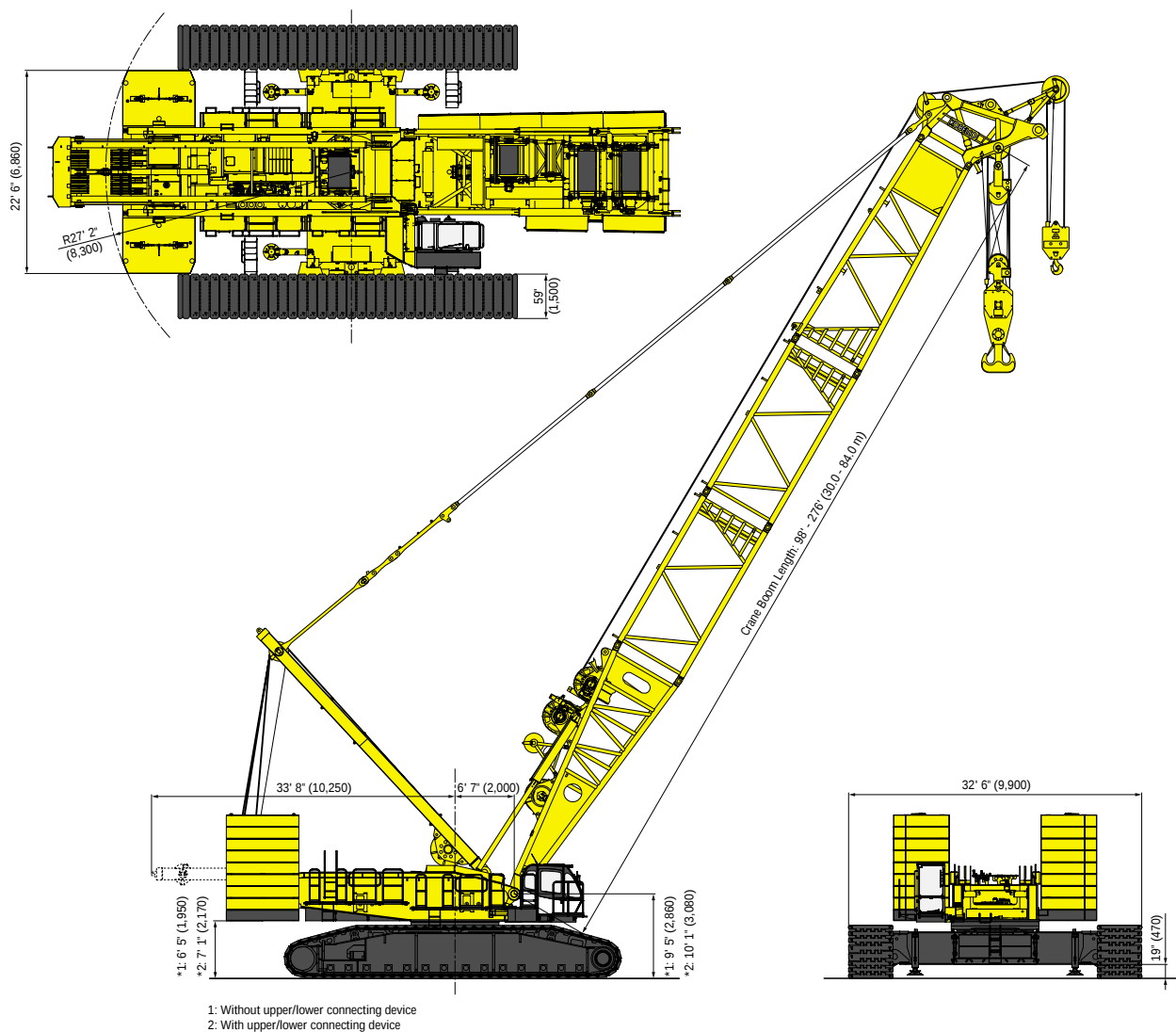
* Including base machine, counterweights =396,800 lbs (180 metric ton), carbody weights = 110,200 lbs (50 metric ton), 79 ft (24 m) boom with heavy boom tip and 992,000 lbs (450 metric ton) hook block. Not include quick connection device and upper translifter.



GENERAL DIMENSIONS

Crane Boom

Unit: ft-in (mm)



Lift Enhancer



SHL CRANE

SHL LUFFING

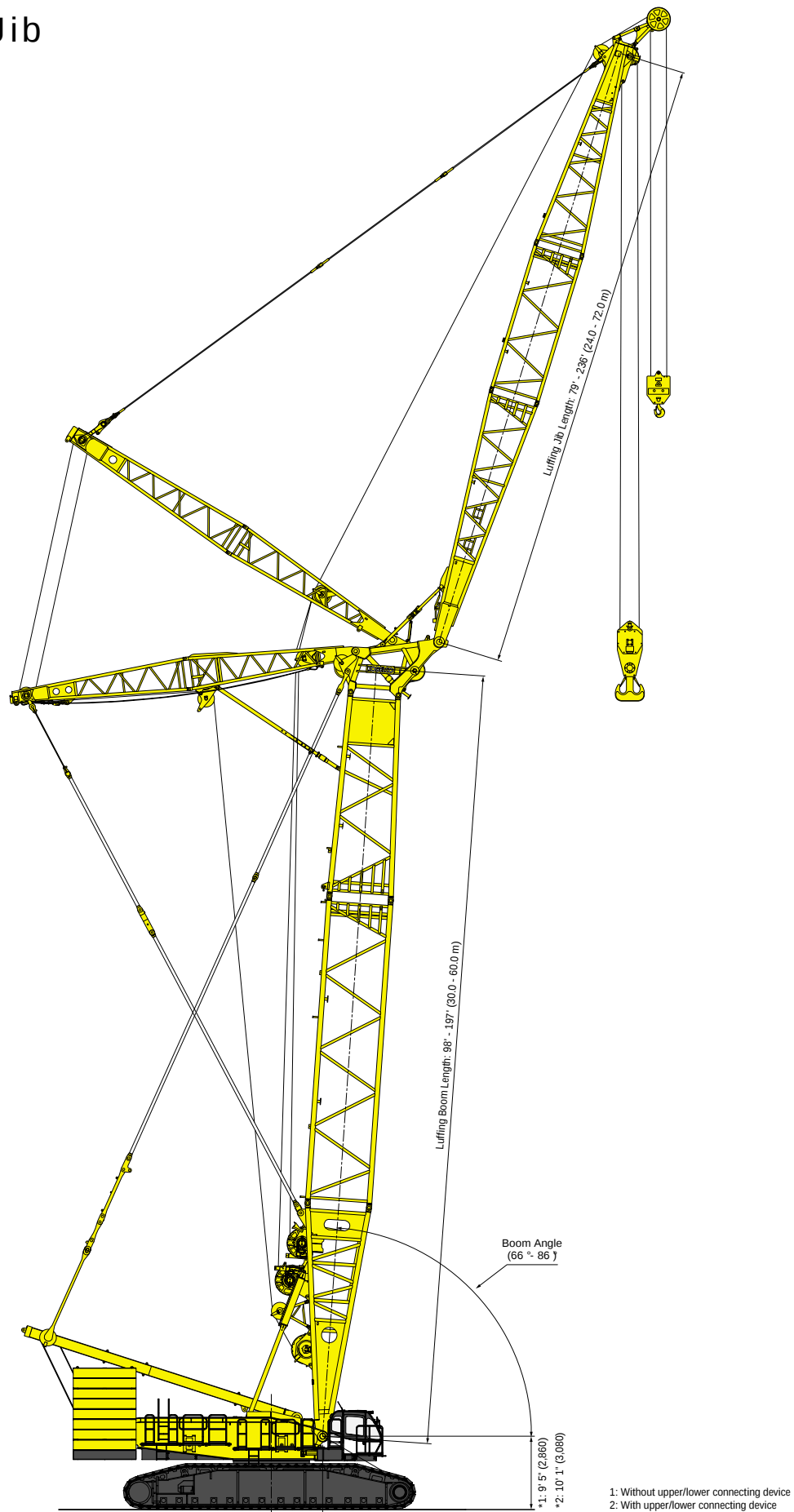


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Luffing Jib

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.

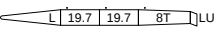
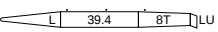
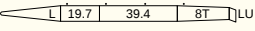
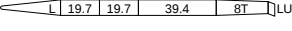
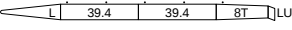
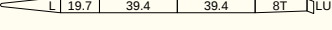
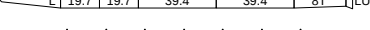
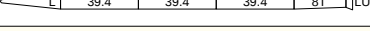
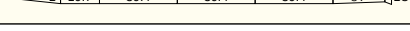
※ indicates the most flexible combination of insert long booms, which can be modified to form all shorter long boom arrangements.



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Luffing Boom Arrangements for Luffing

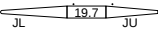
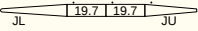
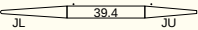
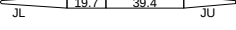
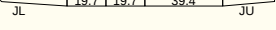
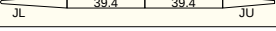
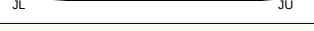
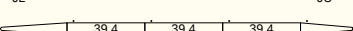
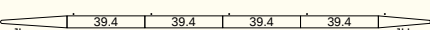
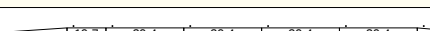
Boom length ft (m)	Boom arrangement
98 (30)	※  
118 (36)	※ 
138 (42)	※  
157 (48)	※ 
177 (54)	※  
197 (60)	※ 

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.

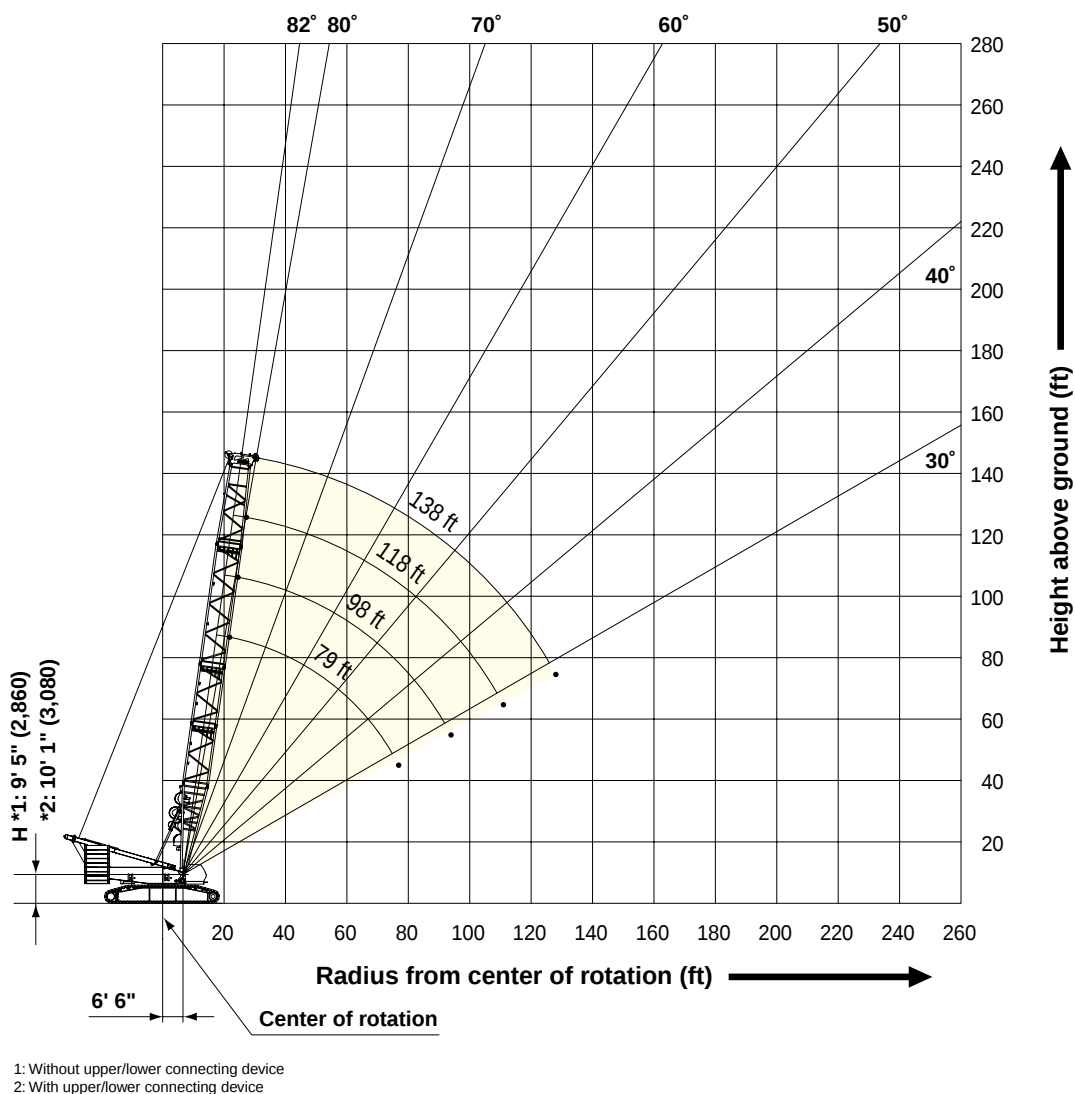
※ indicates the most flexible combination of insert luffing jibs, which can be modified to form all shorter luffing jib arrangements.



STANDARD

WORKING RANGES

Heavy Duty Crane Boom

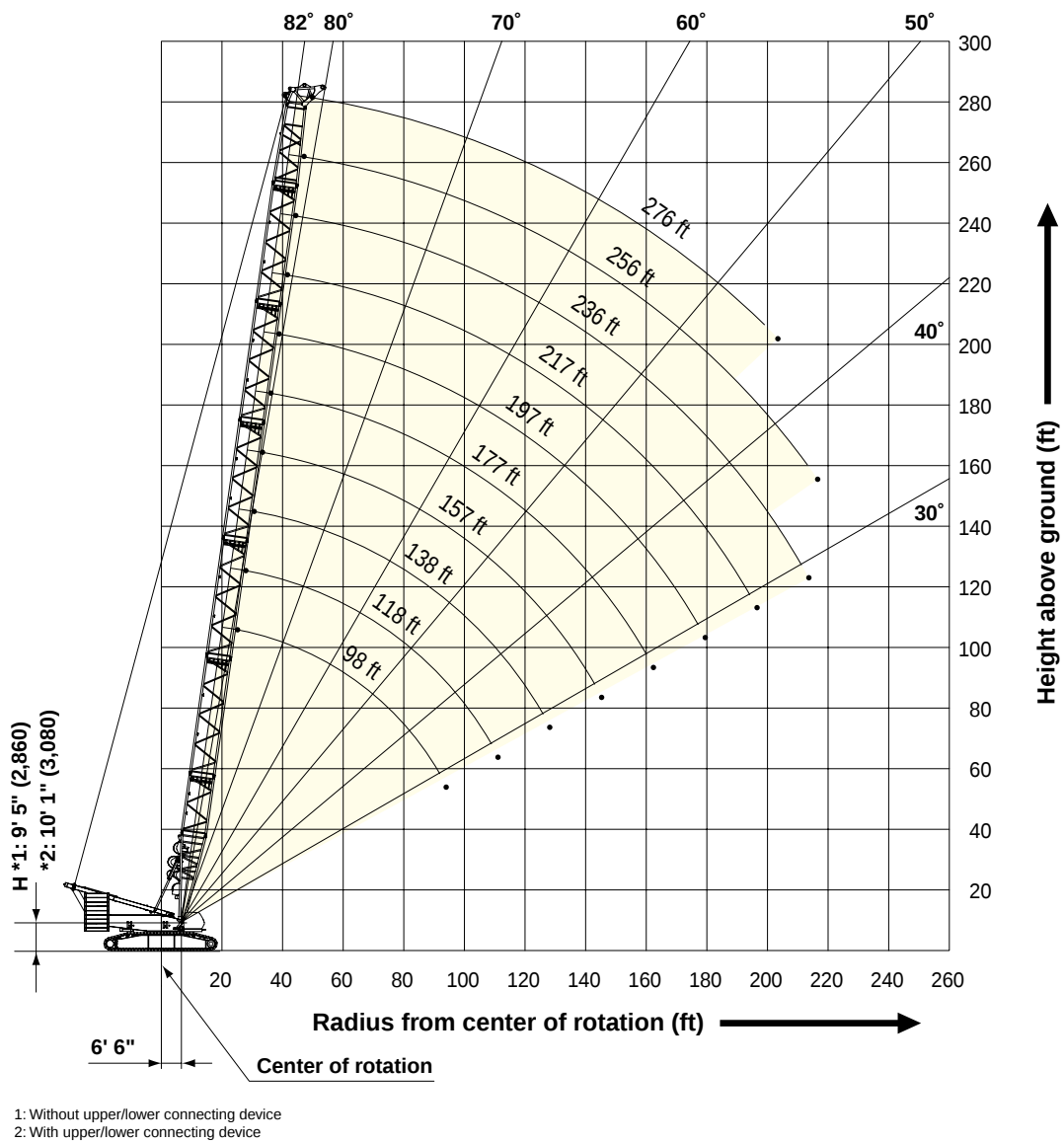




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Luffing Boom

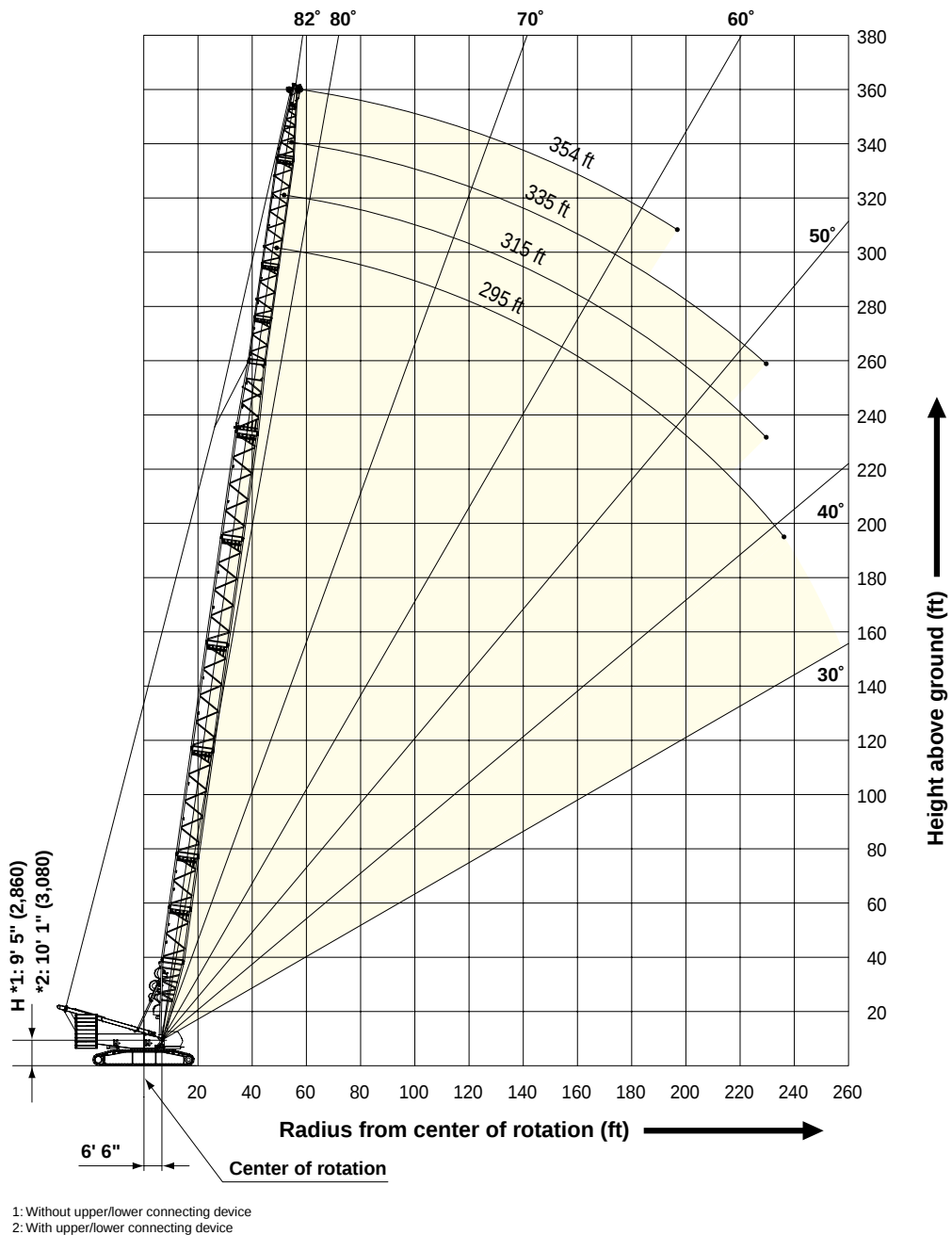




STANDARD

WORKING RANGES

Long Boom



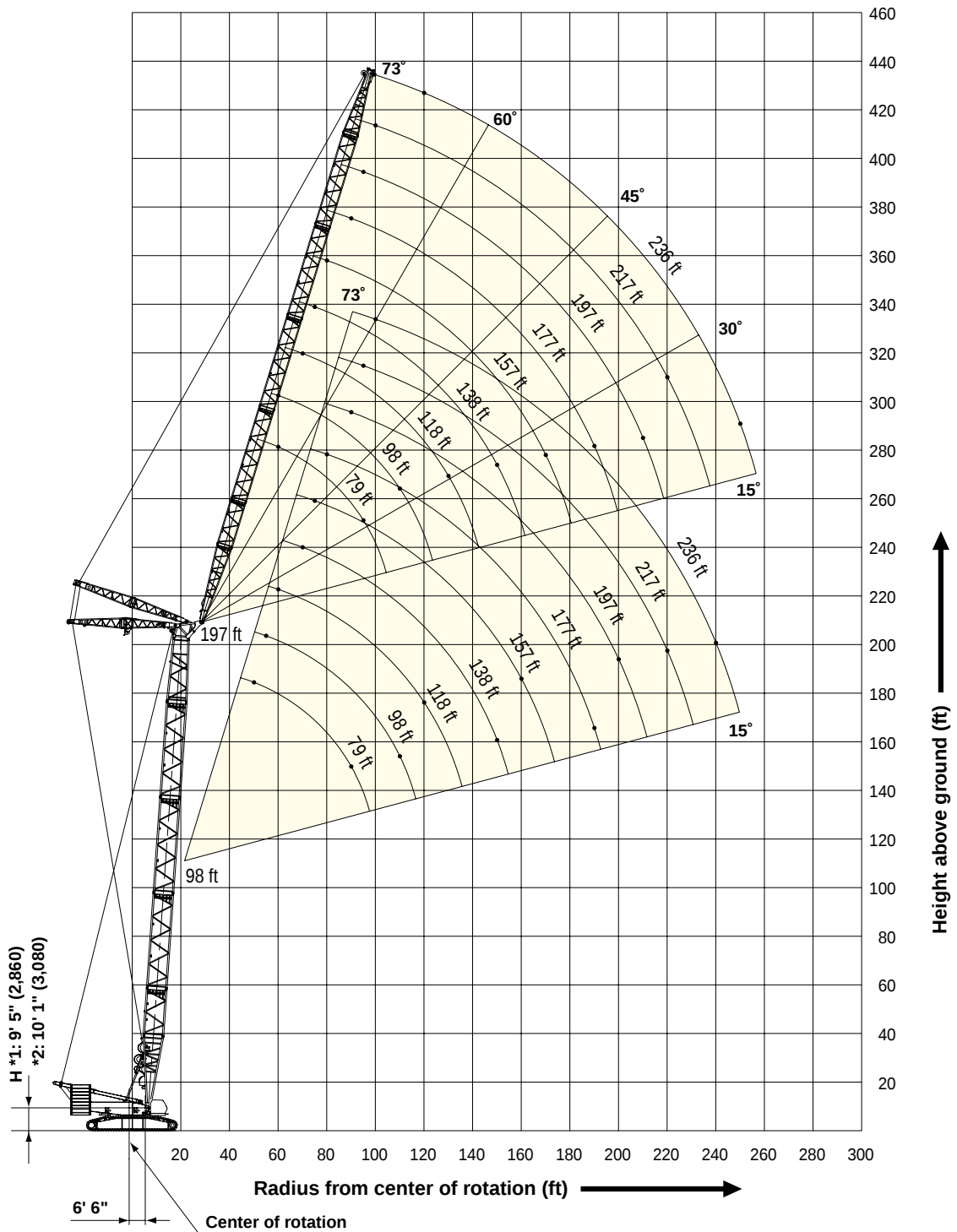


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Luffing Jib

Boom Angle: 86°



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

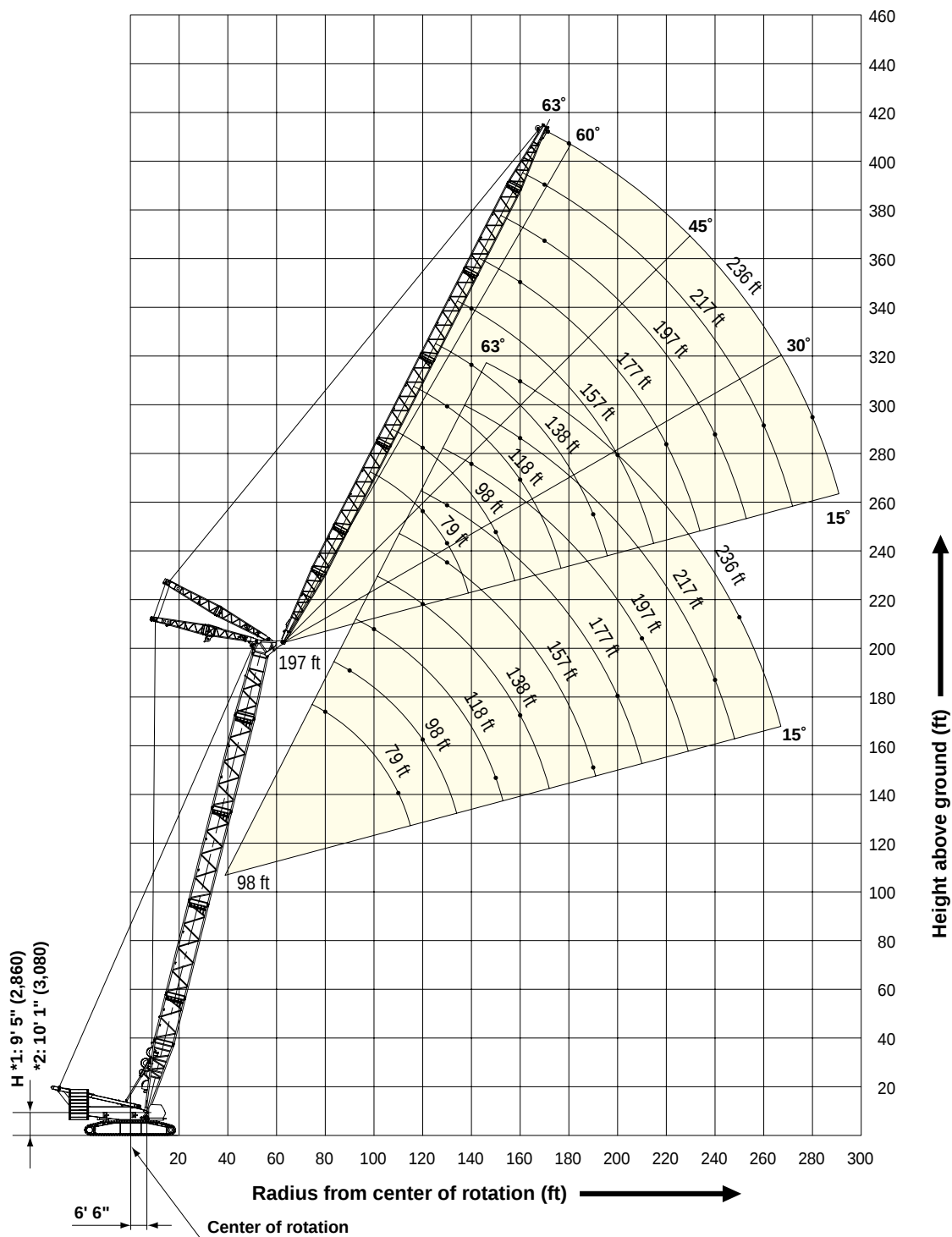


STANDARD

WORKING RANGES

Luffing Jib

Boom Angle: 76°





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.

10. 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.



HYDRAULIC CRAWLER CRANE

SL6000

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.

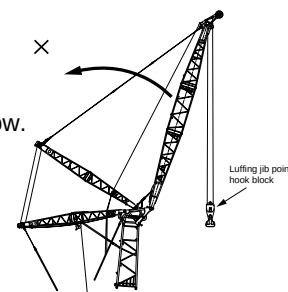
(2) Total number of reeving parts of line on luffing jib point hook block must be larger than the table below.

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	4,500
	No. of Part Line		6	5	2	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	4,500
	No. of Part Line		5	5	3	2	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

\$160000

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.



STANDARD

LIFTING CAPACITIES

Luffing Boom Lifting Capacities											
Unit: lbs											
Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs											
256' Boom			276' Boom								
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
46.9	82.0	309,300 *	49.9	82.0	278,600 *						
50.0	81.3	289,200 *	50.0	82.0	277,800 *						
55.0	80.2	259,500 *	55.0	80.9	249,400 *						
60.0	79.1	233,400	60.0	79.8	224,400						
65.0	77.9	211,500	65.0	78.8	203,300						
70.0	76.8	192,800	70.0	77.7	185,300						
75.0	75.6	176,200	75.0	76.6	169,300						
80.0	74.4	161,500	80.0	75.6	155,000						
85.0	73.3	148,400	85.0	74.5	142,300						
90.0	72.1	137,000	90.0	73.4	131,200						
95.0	70.9	126,700	95.0	72.3	121,100						
100.0	69.7	117,400	100.0	71.2	112,000						
110.0	67.3	101,000	110.0	69.0	95,900						
120.0	64.8	87,600	120.0	66.7	82,800						
130.0	62.3	75,600	130.0	64.4	71,300						
140.0	59.7	64,900	140.0	62.1	61,300						
150.0	57.0	55,500	150.0	59.7	52,800						
160.0	54.3	47,600	160.0	57.2	45,000						
170.0	51.4	40,700	170.0	54.7	37,900						
180.0	48.4	34,500	180.0	52.0	31,700						
190.0	45.3	29,000	190.0	49.3	26,300						
200.0	42.0	24,300	200.0	46.5	21,100						
210.0	38.5	19,700	203.4	45.4	19,400						

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



HYDRAULIC CRAWLER CRANE

\$160,000

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

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



HYDRAULIC CRAWLER CRANE

\$160000

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	153,800	208,600 *		183,700 *						55																										
60	292,000											158,800	188,100	177,200				129,400 *	100																		
65	269,500																			140,000	177,600	167,600				110											
70	250,500																										125,000	168,000	158,500	144,800 *		120					
75	232,300																																112,300	150,300	141,300		110
80	214,500																																				
85	197,400		89,400	122,400	116,200		140																														
90	183,000							81,200	110,100	106,100		150																									
95	170,100												74,300	90,300	87,900		160																				
100																		75,600 *	78,300	69,700 *		170															
110																							68,300	71,600	65,600		180										
120																												99,400	60,200	61,300 *		190					
130			82,700	55,300	54,000 *		200																														
140								86,500	51,200 *	47,900 *		210																									
150													78,600 *	42,300 *	42,300		220																				
160																		78,600 *	37,200 *	39,000		230															
170		66,900																					36,000	28,700 *		240											
180																											66,900	33,500 *	24,800 *		250						
190			55,100	31,200 *			260																														
200								50,200																													
210													50,200 *																								
220																		44,000 *																			
230		38,300 *																																			
240																											33,200 *										
250			33,200 *																																		
260								30,600																													
													28,300																								
																		26,300																			

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						55																													
60	281,600																		60																					
65	260,300																									65														
70	242,200																																70							
75	226,300																																							75
80	211,600																																							
85	196,600								85																															
90	182,300															90																								
95	169,500																						95																	
100																														100										
110																																					110			
120																																								
130									130																															
140																140																								
150																							150																	
160																														160										
170																																				170				
180																																								
190									190																															
200																200																								
210																							210																	
220																														220										
230																																				230				
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.



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					138,000		126,300 *	60
65	251,100										65
70	233,900										70
75	218,700										75
80	205,200										80
85	193,100										85
90	180,900										90
95	168,700										95
100											100
110	119,800										110
120	106,600									120	
130			110,600	91,800	106,700		99,500		96,400		130
140			99,800	83,100	97,600		91,400		88,300		140
150			90,900	75,200 *	88,700		84,200		81,300		150
160				68,500 *	81,200	64,300 *	75,600 *		72,400 *		160
170				62,700 *	73,400	58,500 *	66,900 *	53,900 *	63,400 *		170
180				57,500 *	65,600 *	53,300 *	58,700 *	48,700 *	55,000 *	45,900	180
190				52,800 *	58,400 *	48,800 *	51,300 *	44,000 *	47,600 *	41,300	190
200						44,800 *	45,200 *	40,100 *	41,300 *	37,400	200
210						41,200 *	39,700 *	36,600 *	35,700 *	33,800	210
220							34,800 *	33,400 *	30,600 *	30,700	220
230								30,600 *	26,100 *	27,800	230
240								28,000 *	22,200 *	25,300	240
250								25,600 *		23,100	250
260										21,100	260
270										19,400 *	270
280										17,900 *	280
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 *	192,400					126,700 *		100,100 *	60
65	242,000										65
70	225,700										70
75	211,300										75
80	198,400										80
85	186,900										85
90	176,900										90
95	166,800										95
100											100
110											110
120										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.

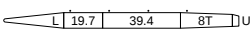
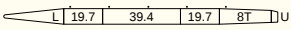
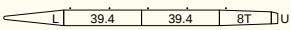
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HEAVY LIFT

BOOM AND JIB ARRANGEMENTS

Heavy Duty Crane Boom Arrangements

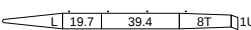
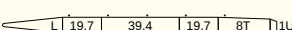
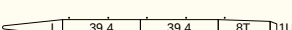
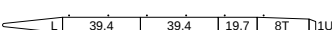
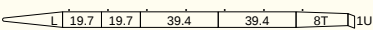
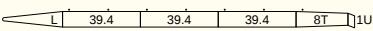
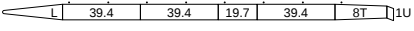
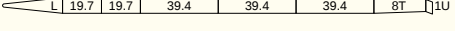
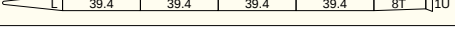
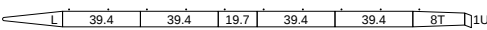
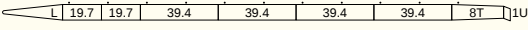
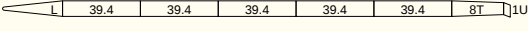
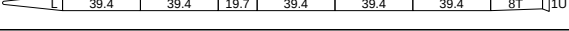
Boom length ft (m)	Boom arrangement
118 (36)	※ 
138 (42)	※  

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

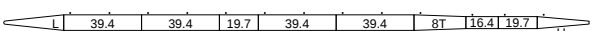
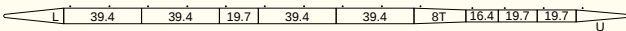
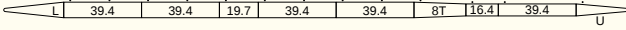
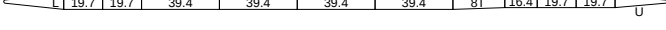
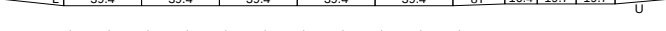
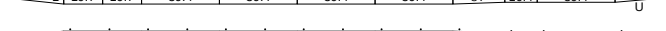
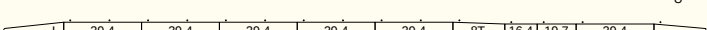
Boom length ft (m)	Boom arrangement
118 (36)	※ 
138 (42)	※  
157 (48)	※ 
177 (54)	※  
197 (60)	※ 
217 (66)	※  
236 (72)	※ 
256 (78)	※  
276 (84)	※ 

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

\$160000

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

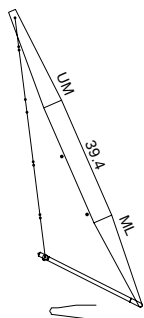
Jib length ft (m)	Jib arrangement
79 (24)	
98 (30)	※
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※
217 (66)	※
236 (72)	※

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



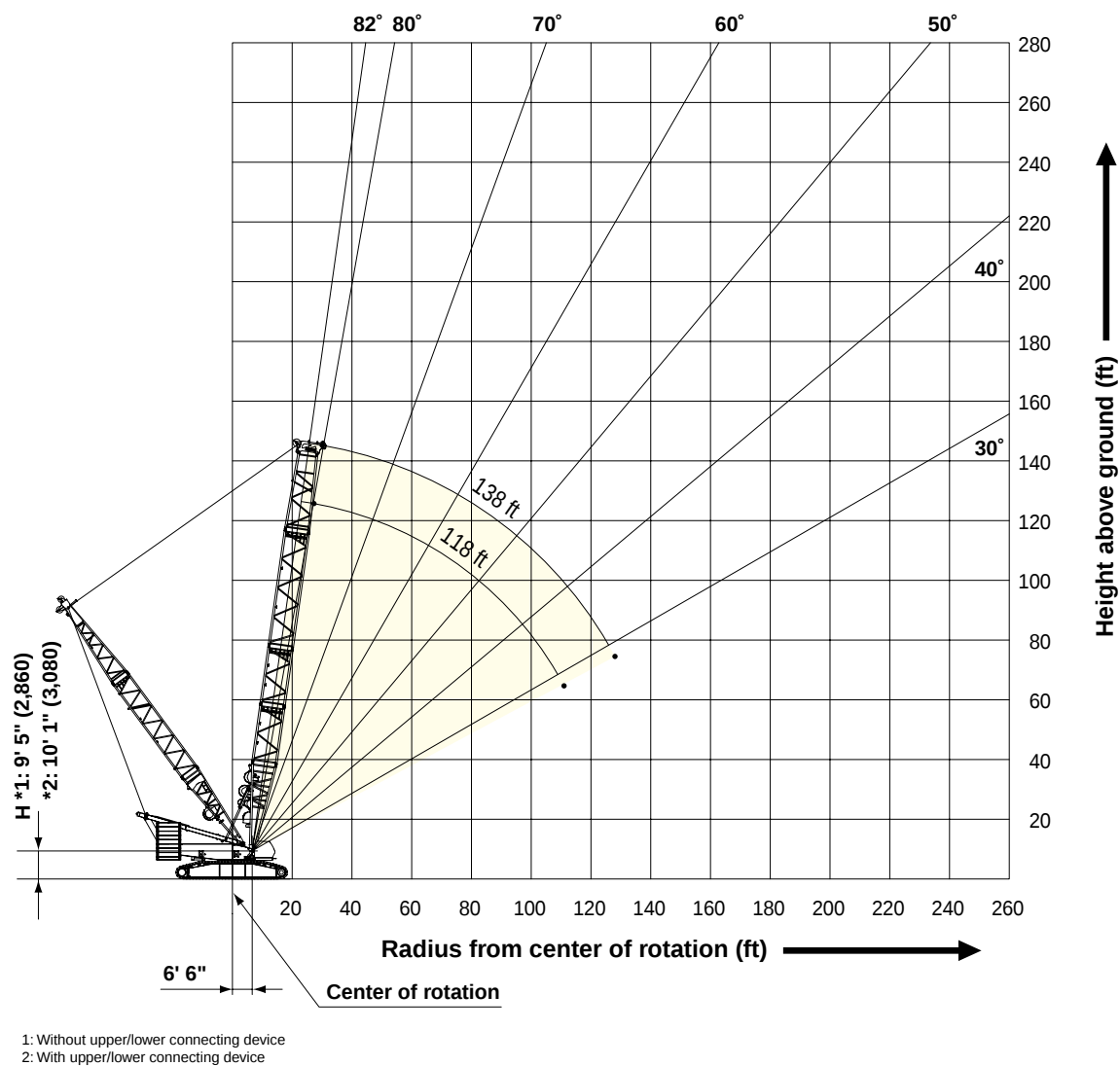
Symbol	Mast Length	Remarks
	29.5 ft (9.0 m)	Mast Base
	39.4 ft (12.0 m)	Insert Mast
	29.5 ft (9.0 m)	Mast Top



HEAVY LIFT

WORKING RANGES

Heavy Duty Crane Boom

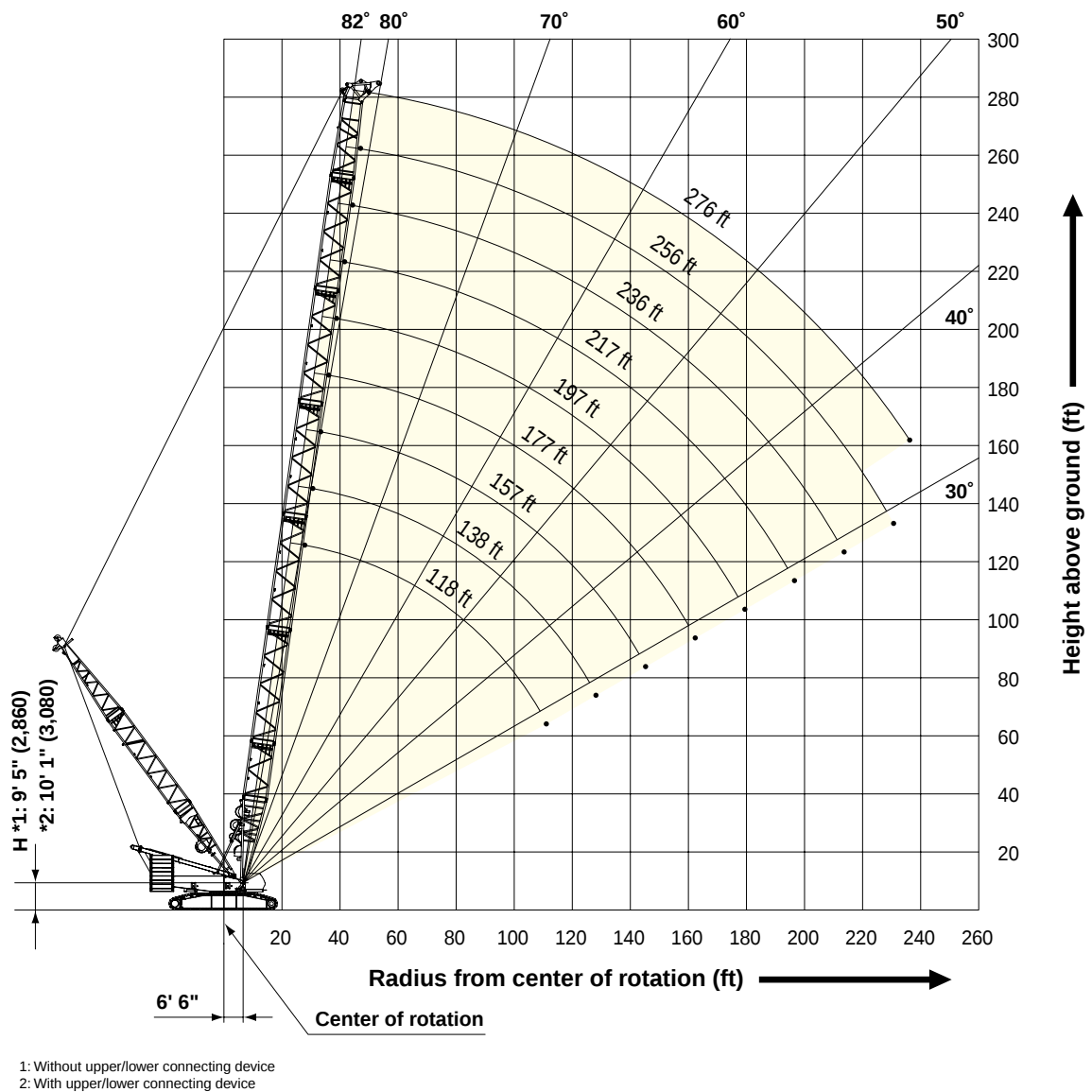




HYDRAULIC CRAWLER CRANE

\$160000

Luffing Boom

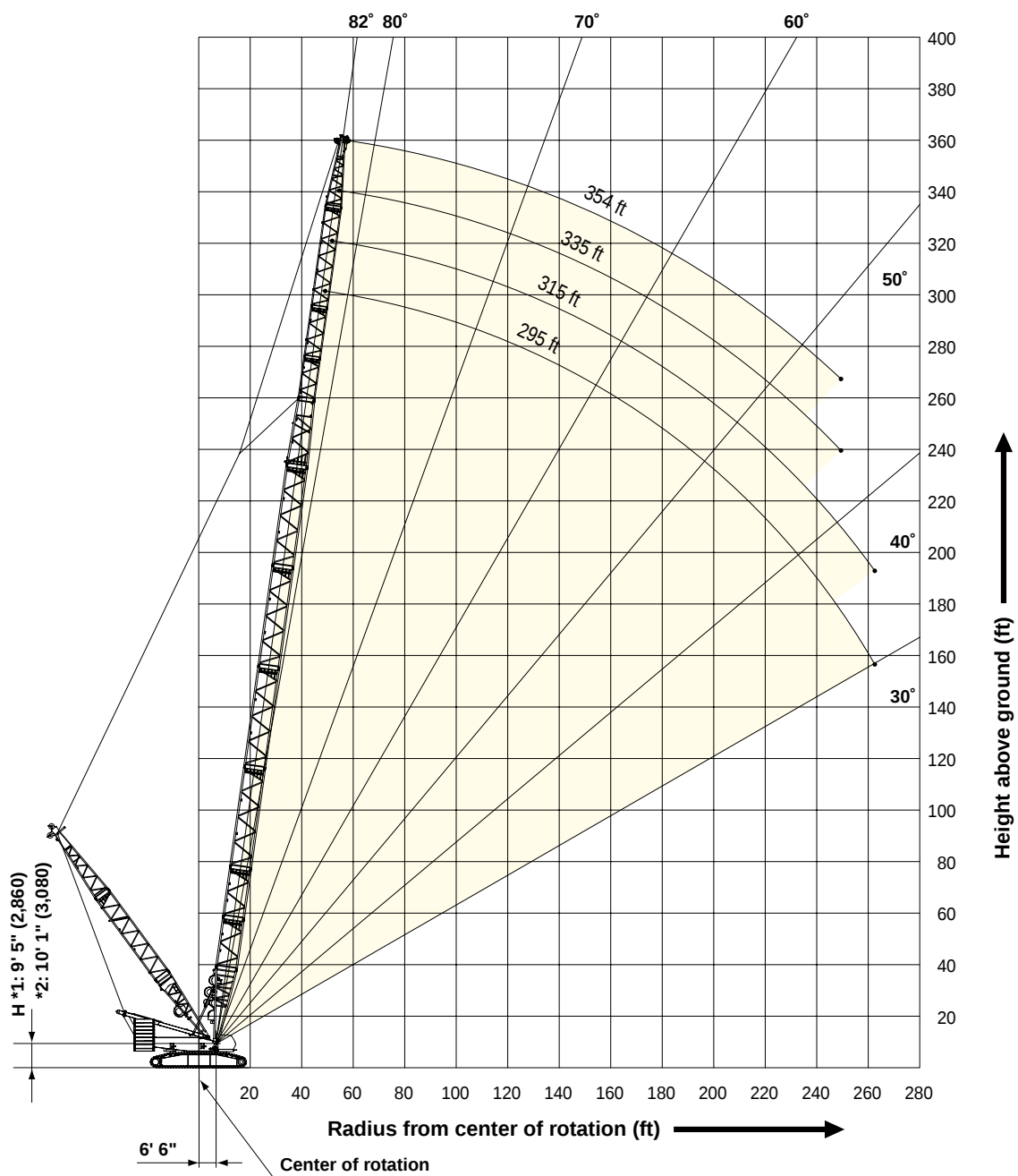




HEAVY LIFT

WORKING RANGES

Long Boom



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

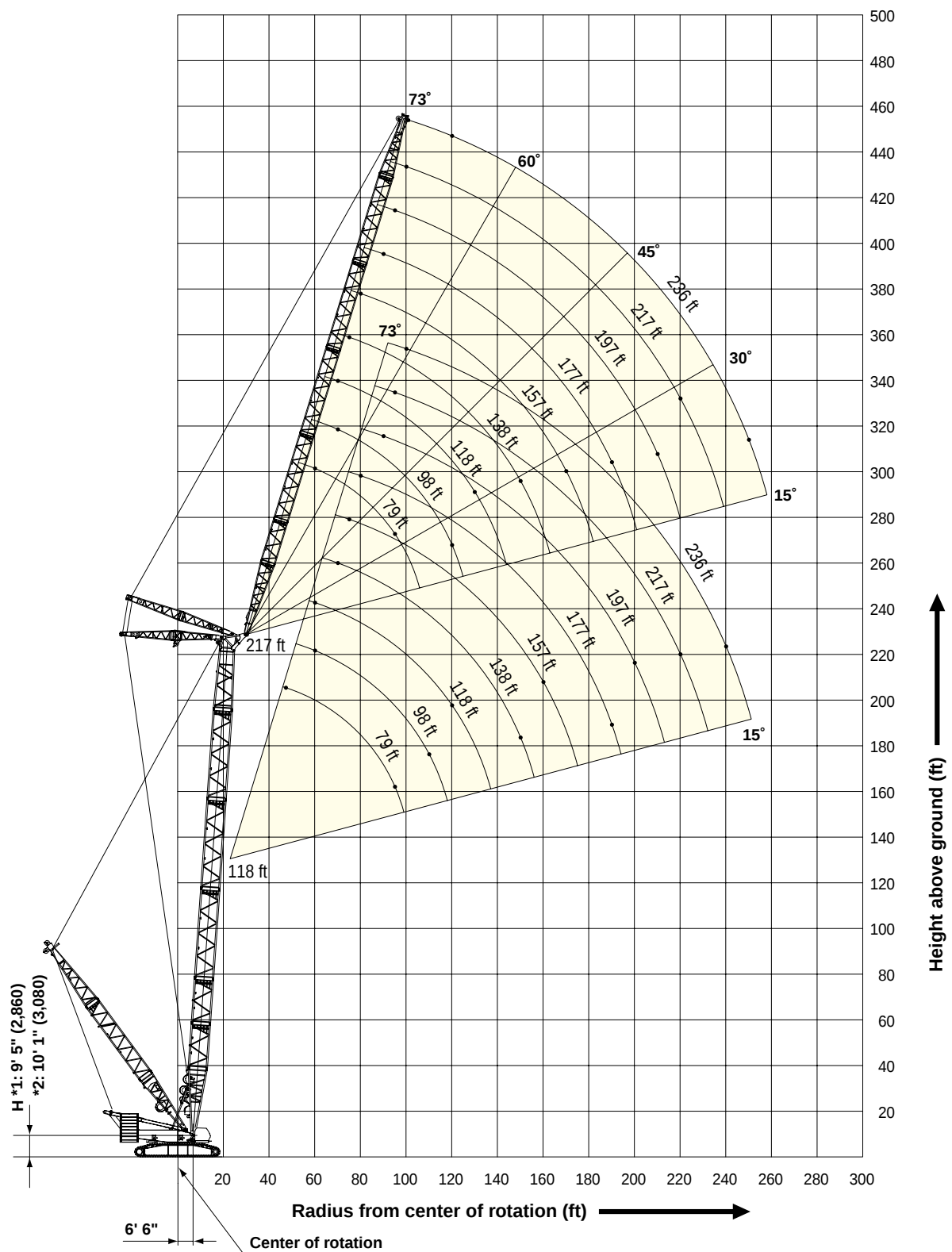


HYDRAULIC CRAWLER CRANE

\$160000

Luffing Jib

Boom Angle: 86°



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

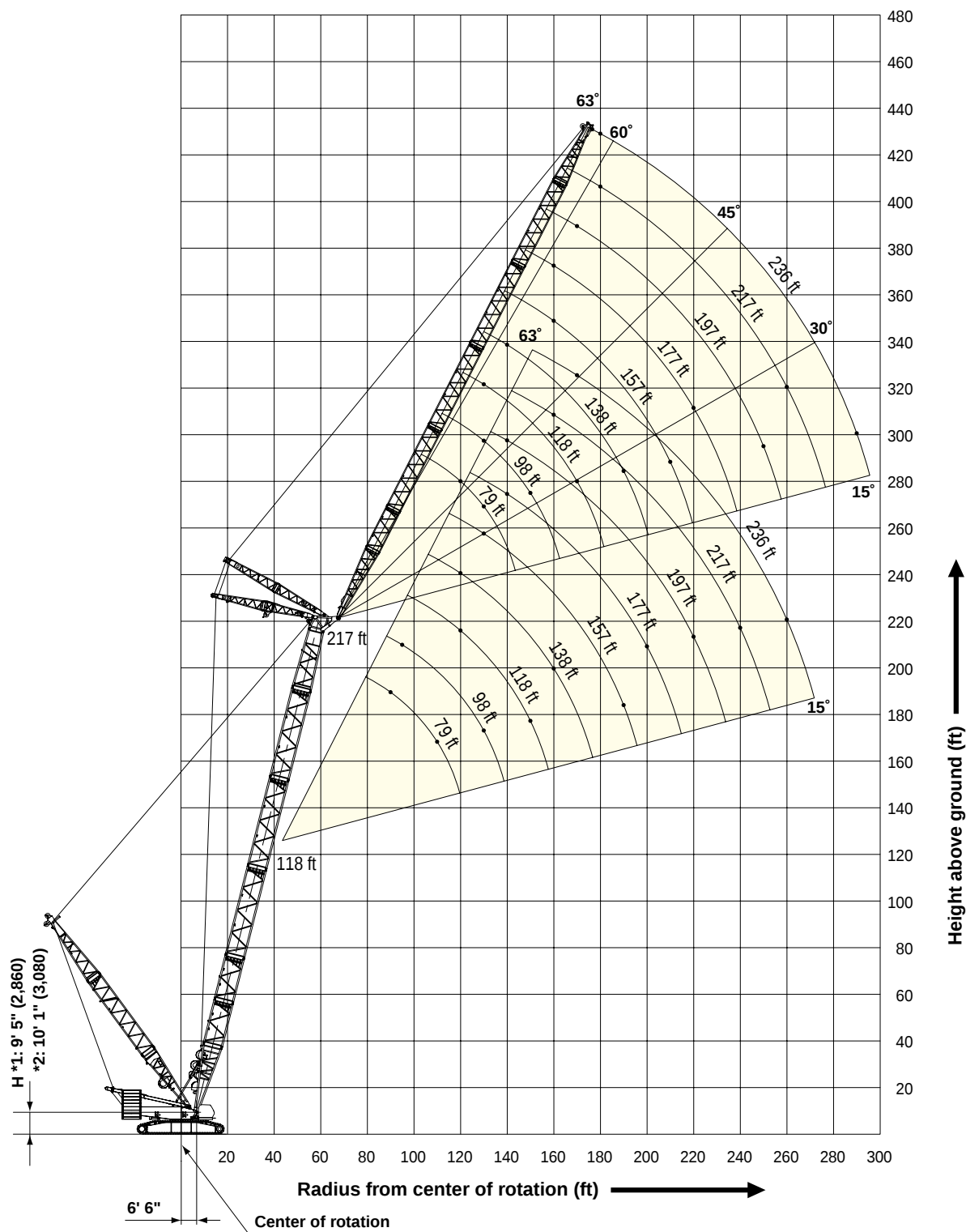


HEAVY LIFT

WORKING RANGES

Luffing Jib

Boom Angle: 76°



[illegible]



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

\$160000

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

\$160,000

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	
	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 *									
50	419,900 *									
55	381,400 *									
60	345,600 *									
65	314,800 *									
70	289,400 *		274,500							
75	267,200 *		255,800							
80	247,400 *		239,200		221,600					
85	228,600 *		224,400		213,200					
90	212,800 *	197,900	208,800		201,300					
95	198,500 *	184,600	194,800		190,200		165,500 *			
100		173,000	182,500		179,700		161,900 *		140,600 *	
110		153,300	161,300		159,400		153,000		133,300 *	
120			144,500	132,600	142,600		139,400		124,000 *	
130			130,400	119,400	128,400 *		126,000		115,100 *	
140			118,300	108,300	116,300 *	104,200	113,900 *		107,100 *	
150			108,200 *	98,900	106,100 *	96,100	103,600 *		100,000 *	
160				91,000	97,500 *	88,400	95,100 *	84,500	93,300 *	
170					90,000 *	81,400	87,500 *	78,500	86,400	75,100
180					83,400 *	75,100	80,700 *	72,200	79,600	71,100
190					77,500 *	69,800	74,600 *	66,700	73,800	65,600
200						65,000	69,600 *	62,000	68,500	60,900
210							65,000 *	57,700	63,900 *	56,600
220							60,800 *	53,800	59,700 *	52,700
230								50,300	55,800 *	49,000
240								47,100	52,500 *	46,000
250										43,100
260										40,400
138' 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
55	371,200 *									
60	339,400 *									
65	312,000 *									
70	287,100 *									
75	265,100 *		247,900							
80	245,600 *		232,000		207,000 *					
85	227,500 *		217,700		205,300 *					
90	211,700 *		205,500		195,100					
95	197,500 *	180,600	193,200		184,700		163,700 *			
100		169,300	181,400		174,900		160,400 *		133,900 *	
110		149,800	160,400		157,800		149,200		130,300 *	
120		134,300	143,600		141,700		136,400		122,800 *	
130			129,500	116,200	127,500		124,200		114,400 *	
140			117,500 *	105,300	115,500	101,200	113,000		106,300 *	
150			107,600 *	96,000	105,400	93,500	102,900		99,800 *	
160				88,300	96,800 *	85,900	94,400 *	81,700	92,700	
170				81,600	89,300 *	79,000	86,800 *	76,000	85,800	72,500
180					82,700 *	72,900	80,000 *	69,900	79,100	68,900
190					76,800 *	67,600	74,000 *	64,500	73,100	63,400
200						62,800	68,900 *	59,900	67,900	58,800
210						58,700	64,300 *	55,700	63,200 *	54,600
220							60,200 *	51,900	59,000 *	50,800
230								48,300	55,200 *	47,200
240								45,300	51,800 *	44,200
250								42,700		41,300
260										38,700

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



HYDRAULIC CRAWLER CRANE

\$160,000

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 *	112,900	197,900 *	97,800	146,900 *	71,000	85,000	68,900	55
60	327,600										60
65	302,400										65
70	281,100										70
75	261,800 *										75
80	243,800 *										80
85	226,300 *										85
90	210,600 *										90
95	196,400 *										95
100	165,200										100
110	146,200	110									
120	130,900	120									
130		130									
140		140									
150		150									
160		160									
170		170									
180		180									
190		190									
200		200									
210		210									
220		220									
230		230									
240		240									
250		250									
260		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 * 217,600 * 204,700 * 193,100 182,700	108,600	173,900 * 169,600 * 164,200 * 148,900 135,800 124,200 113,700 103,800 *	79,000	137,700 * 135,400 * 130,200 * 124,400 * 116,600 * 107,400 99,000 91,700	67,200	120,800 * 117,100 * 112,900 * 108,300 * 103,100 * 96,300 * 89,200	58,900	60
65	292,200										65
70	271,700										70
75	253,600										75
80	237,600										80
85	223,500										85
90	209,000 *										90
95	195,300 *										95
100											100
110	142,200										110
120	127,200	120									
130		130									
140		140									
150		150									
160		160									
170		170									
180		180									
190		190									
200		200									
210		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											
											Unit: lbs
Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, HL mast point radius: 52.5 ft											
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	304,900	123,500 111,200	221,600 * 210,600 198,000 187,000 176,900 167,900 151,900 138,600 126,300 114,800 104,700	93,500 86,000 79,500 73,300 67,600 62,700	165,000 * 160,900 * 156,100 * 143,800 131,600 120,400 110,500 102,100 94,200 * 88,800 82,300 76,500 71,300 54,800 51,400 48,300	74,000 68,400 63,300 58,700 54,800 51,400 48,300	127,500 * 122,600 * 117,300 * 111,200 * 104,200 95,900 88,800 82,300 76,500 71,300 66,800 * 62,400 * 58,400 *	62,400 57,600 53,200 49,300 45,800 42,600 39,500 37,000 34,600 32,600	105,400 * 101,100 * 96,600 * 92,100 * 86,000 74,300 69,100 64,500 60,500 56,700 50,200 * 47,200 *	55,400 51,000 47,100 43,600 40,300 37,300 34,800 32,400 30,200 28,200 26,500	
65	282,100										65
70	262,600										70
75	245,400										75
80	230,000										80
85	216,400										85
90	204,500										90
95	193,000 *										95
100											100
110											110
120			120								
130			130								
140			140								
150			150								
160			160								
170			170								
180			180								
190			190								
200			200								
210			210								
220		220									
230		230									
240		240									
250		250									
260		260									
270		270									
280		280									
217' 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	
65	272,000	117,200 106,800	206,400 * 199,600 * 191,200 180,900 171,200 162,400 147,000 134,100 122,900 113,000 103,800	86,800 79,700 73,600 68,200 63,400 59,200	152,100 148,500 145,500 137,100 126,700 116,400 106,900 98,800 91,600 85,400 79,600 73,800	68,200 62,900 58,100 53,900 50,200 46,800 43,800	120,700 * 115,800 * 110,500 * 105,000 * 99,200 * 92,500 85,600 79,400 73,900 68,900 64,500 60,500 56,800 *	52,600 48,400 44,600 41,300 38,200 35,400 33,000 30,800 28,700	98,800 * 94,600 * 90,300 * 85,900 * 81,500 * 76,700 * 71,500 66,500 62,100 58,100 54,600 51,200 48,200 45,700	50,300 46,100 42,600 39,300 36,200 33,400 30,900 28,600 26,500 24,500 22,800 21,400	
70	253,400										65
75	236,900										70
80	222,200										75
85	209,100										80
90	197,700										85
95	187,400										90
100											95
110											100
120											110
130			120								
140			130								
150			140								
160			150								
170			160								
180			170								
190			180								
200			190								
210			200								
220			210								
230		220									
240		230									
250		240									
260		250									
270		260									
280		270									
290		280									

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

[illegible]



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

\$160000

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

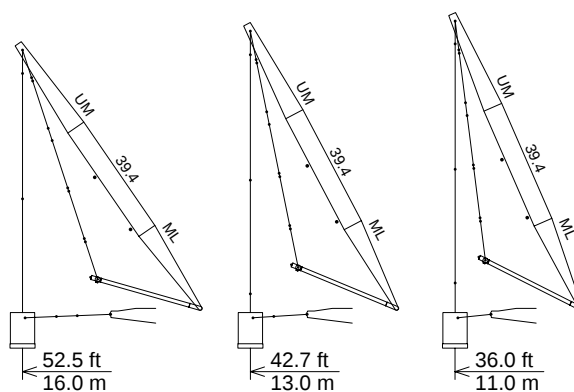
Jib length ft (m)	Jib arrangement
79 (24)	
98 (30)	※
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※
217 (66)	※
236 (72)	※
256 (78)	
276 (84)	※

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



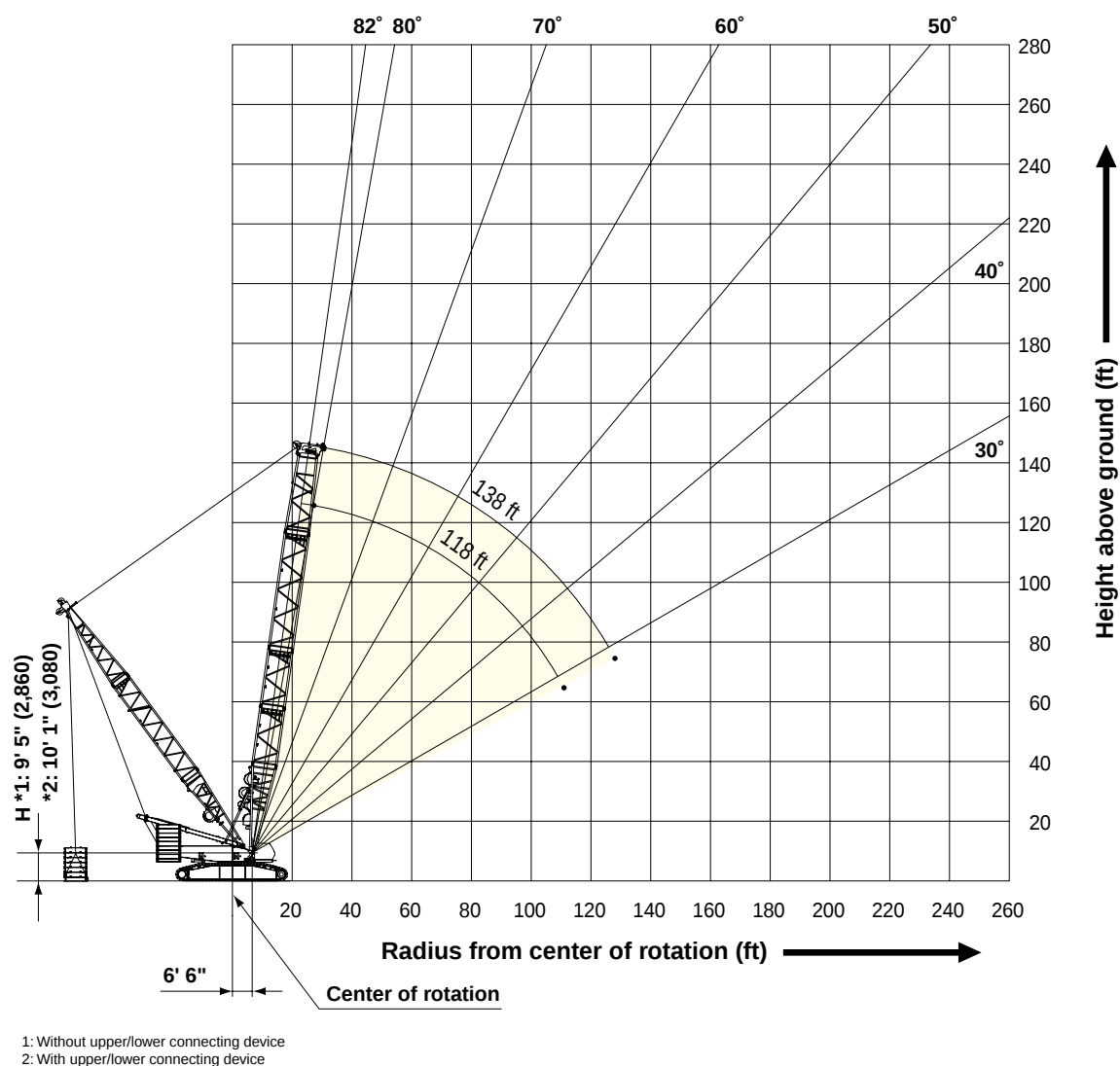
Symbol	Mast Length	Remarks
	29.5 ft (9.0 m)	Mast Base
	39.4 ft (12.0 m)	Insert Mast
	29.5 ft (9.0 m)	Mast Top



SUPER HEAVY LIFT

WORKING RANGES

Heavy Duty Crane Boom

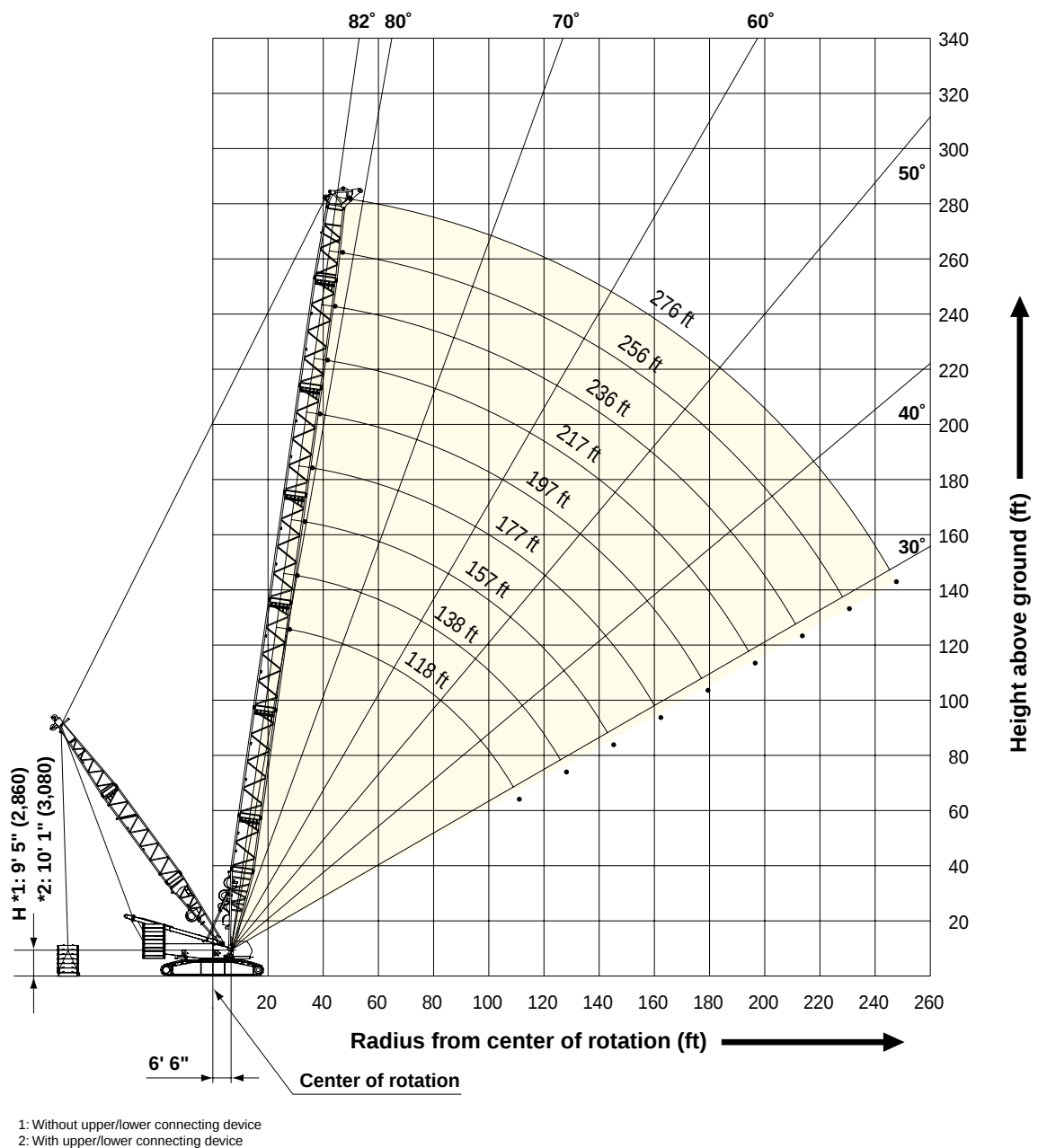




HYDRAULIC CRAWLER CRANE

\$160000

Luffing Boom

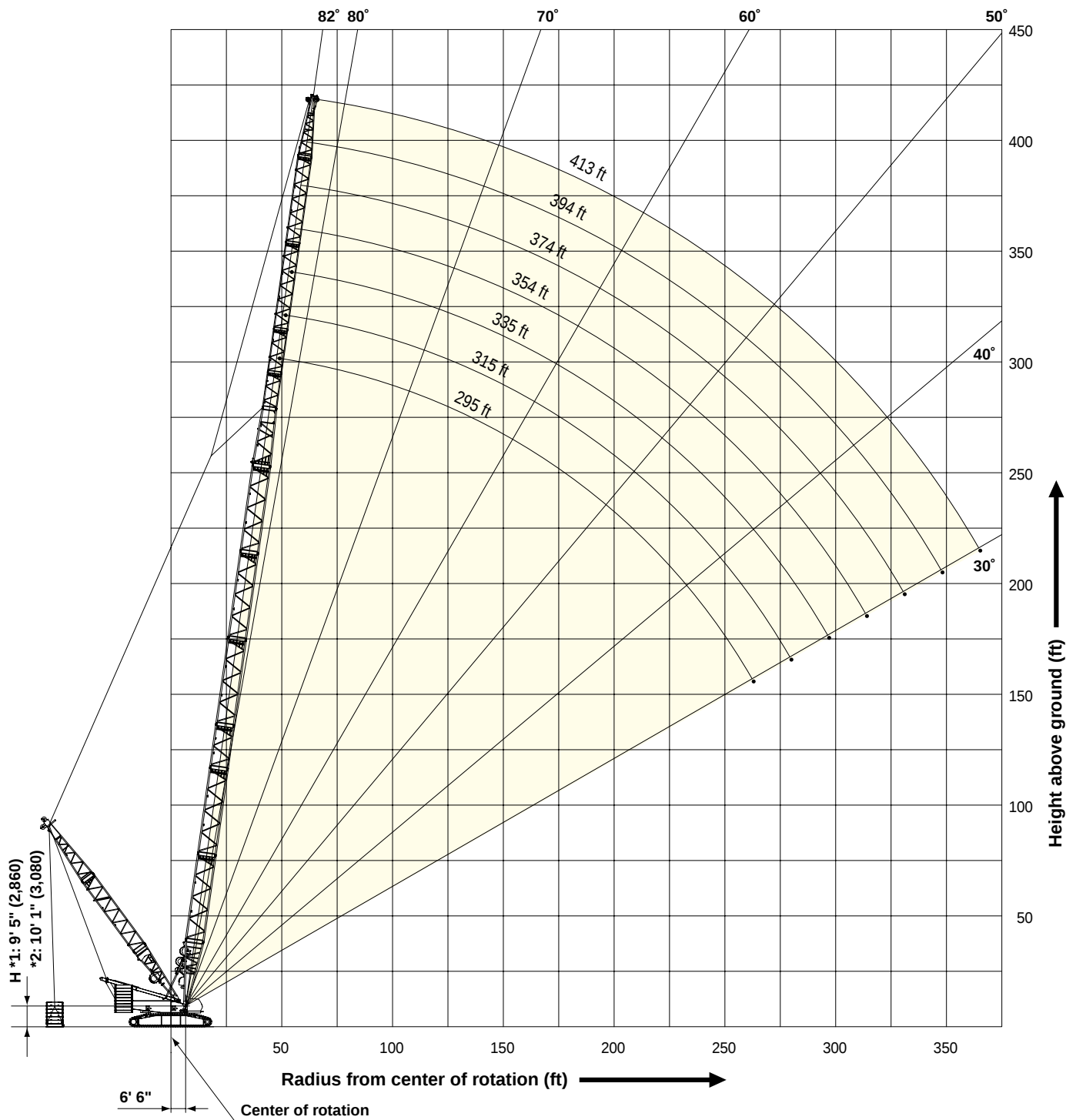




SUPER HEAVY LIFT

WORKING RANGES

Long Boom



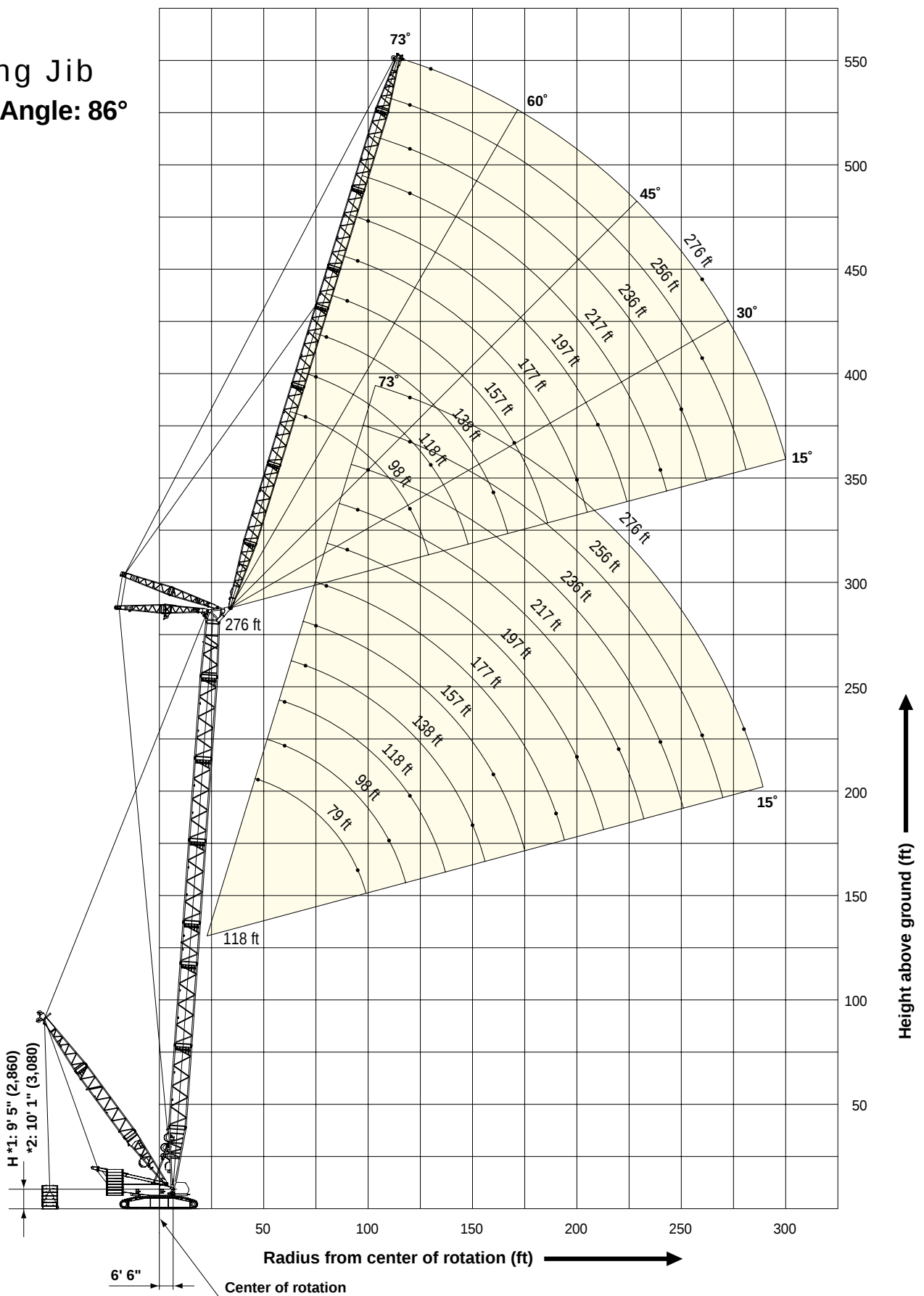
1: Without upper/lower connecting device
2: With upper/lower connecting device



HYDRAULIC CRAWLER CRANE

\$160000

Luffing Jib Boom Angle: 86°



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



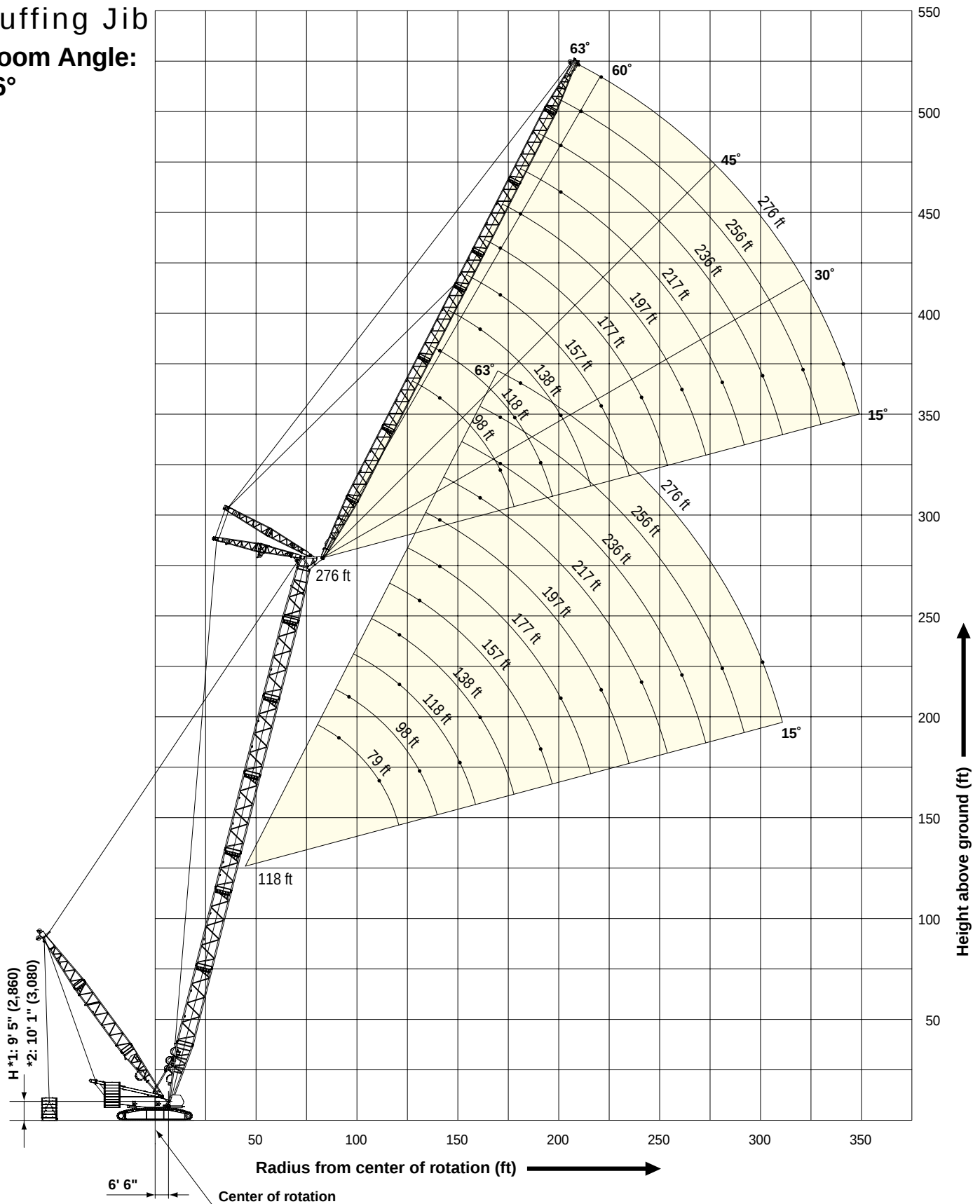
SUPER HEAVY LIFT

WORKING RANGES

Luffing Jib

Boom Angle:

76°



[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

\$160,000

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

\$160000

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

\$160,000

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 *	299,200 *	227,600 *	222,800 *	174,000 *	165,500 *	151,700 *	112,600 *	108,700 *	104,900 *	87,200 *	47.2						
50	419,900 *												257,900 *	185,500 *	155,200 *	118,300 *	104,900 *	80,300 *	87,200 *
55	390,200 *												250,100 *	174,900 *	149,700 *	115,300 *	102,800 *	84,500 *	84,500 *
60	371,700 *												243,200 *	164,300 *	143,100 *	112,000 *	99,800 *	80,500 *	80,500 *
65	361,400 *												231,800 *	153,900 *	136,600 *	108,300 *	94,600 *	76,500 *	76,500 *
70	352,400 *												227,600 *	144,300 *	130,500 *	104,300 *	89,500 *	72,900 *	72,900 *
75	346,000 *												219,100 *	133,500 *	123,800 *	100,700 *	84,800 *	68,900 *	68,900 *
80	338,700 *												215,400 *	127,000 *	119,700 *	97,100 *	83,000 *	66,300 *	66,300 *
85	322,600 *												211,200 *	122,000 *	116,000 *	93,100 *	79,000 *	63,500 *	63,500 *
90	295,600 *												209,500 *	119,700 *	112,000 *	88,900 *	74,600 *	60,800 *	60,800 *
95	252,500 *	207,500 *	110,400 *	102,000 *	81,100 *	65,700 *	51,500 *	51,500 *											
100		280,800 *											100						
110													110						
120													120						
130													130						
140													140						
150													150						
160													160						
170													170						
180													180						
190													190						
200													200						
210													210						
220													220						
230													230						
240													240						
250													250						
260													260						
270													270						
280													280						
290													290						
300													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 *	325,300 *	240,500 *		196,600 *			163,700 *					95
100		307,500 *	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 *		112,000 *		100,000 *	120
130			179,900 *	218,700 *	159,900 *			143,500 *		108,700 *		97,500 *	130
140			165,100 *	204,900 *	149,400 *	185,800 *		137,000 *		105,100 *		94,800 *	140
150			150,300 *	189,400 *	139,500 *	184,000 *		130,400 *		101,300 *		91,900 *	150
160				176,100 *	130,400 *	172,100 *	123,700 *	160,700 *	96,800 *			88,800 *	160
170				164,200 *	121,800 *	160,200 *	117,200 *	154,700 *	93,000 *			85,000 *	170
180					113,300 *	149,600 *	110,900 *	144,800 *	89,500 *	108,700 *	80,800 *	90,700 *	180
190					104,300 *	140,200 *	104,800 *	135,400 *	85,600 *	105,600 *	76,600 *	87,800 *	190
200						132,100 *	97,700 *	124,700 *	81,700 *	100,700 *	72,900 *	83,300 *	200
210						121,500 *	90,200 *	114,500 *	78,000 *	96,100 *	69,300 *	79,100 *	210
220							82,200 *	105,000 *	74,300 *	91,800 *	65,900 *	75,200 *	220
230								96,500 *	70,800 *	87,800 *	62,900 *	71,700 *	230
240								88,900 *	67,600 *	84,100 *	60,000 *	68,300 *	240
250								81,800 *	64,600 *	80,600 *	57,300 *	65,200 *	250
260									60,200 *	76,500 *	53,100 *	62,300 *	260
270										71,300 *	46,700 *	59,700 *	270
280										66,100 *	40,200 *	57,200 *	280
290										61,000 *		54,800 *	290
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 *		258,700 *										75
80	332,100 *		250,700 *		197,900 *								80
85	313,300 *		242,300 *		194,200 *								85
90	296,300 *		233,600 *		189,800 *								90
95	275,400 *	320,000 *	225,000 *		185,400 *		146,900 *						95
100		302,500 *	216,400 *		180,700 *		144,600 *						100
110		272,100 *	199,600 *		171,000 *		139,400 *						110
120		247,300 *	183,800 *		160,800 *		133,800 *		107,000 *		95,300 *		120
130			169,200 *	219,200 *	150,800 *		127,800 *		103,700 *		93,000 *		130
140			155,900 *	201,200 *	141,000 *	193,400 *	121,600 *		100,100 *		90,400 *		140
150			144,100 *	185,900 *	131,500 *	181,400 *	115,200 *		96,400 *		87,500 *		150
160				172,900 *	123,100 *	168,700 *	109,100 *		92,600 *		84,200 *		160
170				161,200 *	115,100 *	157,100 *	102,800 *	150,400 *	88,700 *		81,200 *		170
180					107,700 *	146,800 *	96,900 *	141,700 *	84,800 *	111,200 *	78,400 *		180
190					101,100 *	137,600 *	92,000 *	132,500 *	81,000 *	108,100 *	75,200 *		190
200						129,500 *	87,200 *	124,600 *	77,300 *	102,900 *	72,200 *	83,500 *	200
210						122,200 *	82,500 *	117,200 *	73,700 *	98,000 *	69,200 *	80,000 *	210
220							78,200 *	109,600 *	70,200 *	93,500 *	66,100 *	76,100 *	220
230								100,900 *	66,900 *	89,300 *	63,100 *	72,400 *	230
240								93,000 *	63,800 *	85,600 *	60,300 *	69,200 *	240
250								85,600 *	60,900 *	82,100 *	56,700 *	66,000 *	250
260									57,700 *	78,200 *	51,200 *	63,000 *	260
270										73,700 *	43,600 *	60,300 *	270
280										68,300 *	36,900 *	57,800 *	280
290										63,200 *		55,400 *	290
300												53,200 *	300
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							71,200 *	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

\$160,000

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 * 217,600 *	223,600 * 216,600 * 209,400 * 202,000 * 194,600 *		165,000 * 160,900 * 156,600 * 147,700 * 138,700 *	76							60 65 70 75 80 85 90 95 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320					
65	334,600 *													187,300 *	152,000 *	127,500 *	95,500 *	86,100 *
70	317,200 *													172,800 *	147,700 *	117,300 *	88,900 *	81,100 *
75	300,400 *													159,400 *	129,900 *	106,100 *	85,200 *	78,300 *
80	284,300 *													146,900 *	121,400 *	100,300 *	81,500 *	75,200 *
85	269,200 *		135,600 *	113,300 *	89,400 *	77,700 *	72,300 *											
90	255,300 *		125,600 *	105,900 *	84,400 *	74,000 *	69,400 *											
95	242,700 *		165,600 *	100,000 *	82,000 *	70,600 *	66,400 *											
100			154,500 *	99,000 *	81,300 *	72,000 *	63,400 *											
110			144,500 *	92,700 *	75,300 *	64,000 *	60,500 *											
120			135,600 *	87,200 *	71,100 *	60,900 *	57,700 *											
130			125,600 *	123,600 *	105,100 *	60,900 *	57,700 *											
140				116,600 *	99,200 *	58,800 *	55,200 *											
150					94,000 *	55,200 *	52,700 *											
160					89,100 *	52,600 *	49,800 *											
170					83,600 *	49,900 *	46,800 *											
180							44,800 *											
190							42,800 *											
200							40,800 *											
210							38,800 *											
220							36,800 *											
230							34,800 *											
240							32,800 *											
250						30,800 *												
260						28,800 *												
270						26,800 *												
280						24,800 *												
290						22,800 *												
300						20,800 *												
310						18,800 *												
320						16,800 *												

217' Boom

Load Radius Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		256' Jib		276' Jib		Load Radius 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 *												75
80	261,100 *												80
85	247,500 *												85
90	235,000 *	186,200 *	152,100 *	120,700 *	89,800 *			90					
95	223,500 *	179,300 *	148,500 *	115,800 *	86,600 *			95					
100		172,500 *	145,500 *	120,700 *	86,600 *			100					
110		159,400 *	137,100 *	115,800 *	86,600 *			110					
120		232,400 *	147,000 *	128,700 *	110,500 *	89,800 *		120					
130		212,500 *	135,500 *	120,300 *	105,000 *	86,600 *		130					
140			125,200 *	112,300 *	99,500 *	83,200 *	77,800 *	140					
150			116,100 *	173,700 *	104,900 *	93,900 *	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 *	68,900 *	63,700 *	180				
190			132,000 *	80,600 *	127,600 *	74,400 *	65,500 *	60,700 *	190				
200				120,200 *	70,200 *	62,200 *	97,600 *	200					
210				113,400 *	66,400 *	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 *										80
85	231,100 *		178,700 *										85
90	220,100 *		172,600 *		143,600 *								90
95	209,900 *		166,500 *		140,000 *								95
100			160,400 *		136,300 *		112,100 *						100
110			148,600 *		128,600 *		107,600 *						110
120	226,600 *		137,500 *		120,800 *		102,800 *		84,600 *				120
130	207,200 *		127,300 *		113,300 *		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 *										85
90	187,000 *		159,300 *										90
95	178,800 *		153,700 *		128,800 *								95
100	170,800 *		148,200 *		125,400 *		104,400 *						100
110	155,500 *		137,400 *		118,100 *		100,100 *						110
120	139,400 *		127,200 *		111,100 *		95,500 *		79,100 *				120
130		199,200 *	117,900 *		104,100 *		90,800 *		76,200 *		68,400 *		130
140		182,200 *	109,400 *		97,300 *		86,000 *		73,100 *		65,900 *		140
150		165,100 *	101,600 *		91,100 *		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

\$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

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 *									120		
130			109,000 *				98,000 *						86,600 *		72,800 *			130
140			158,500 *		99,200 *				91,900 *				82,400 *		70,100 *		64,300 *	140
150		141,700 *	90,500 *		86,200 *		78,200 *		67,200 *		62,000 *	150						
160		127,200 *	82,200 *	129,300 *	80,800 *		74,000 *		64,200 *		59,500 *	160						
170		113,500 *		117,600 *	75,900 *	116,200 *	69,900 *		61,300 *		57,000 *	170						
180				107,100 *	70,900 *	106,400 *	66,100 *		58,300 *		54,400 *	180						
190				97,700 *	65,200 *	97,600 *	62,400 *		55,400 *		52,000 *	190						
200				89,200 *	59,600 *	90,100 *	58,900 *		52,700 *		49,600 *	200						
210						83,000 *	55,700 *	96,300 *	50,200 *		47,400 *	210						
220						76,600 *	52,900 *	92,600 *	47,700 *	78,900 *	45,200 *	220						
230						70,500 *	50,200 *	88,700 *	45,300 *	77,000 *	43,100 *	70,600 *	230					
240						65,000 *	47,700 *	84,500 *	43,100 *	74,600 *	40,900 *	69,100 *	240					
250							45,700 *	80,400 *	41,100 *	73,300 *	39,000 *	68,100 *	250					
260								76,300 *	39,200 *	71,100 *	34,500 *	66,500 *	260					
270								71,100 *	35,500 *	68,400 *	28,500 *	64,500 *	270					
280								64,600 *		65,300 *		62,300 *	280					
290								57,800 *		62,000 *		59,800 *	290					
300										57,300 *		56,900 *	300					
310										52,200 *		52,900 *	310					
320										46,900 *		47,300 *	320					
330										40,000 *		38,500 *	330					
340												30,200 *	340					
												22,100 *	340					

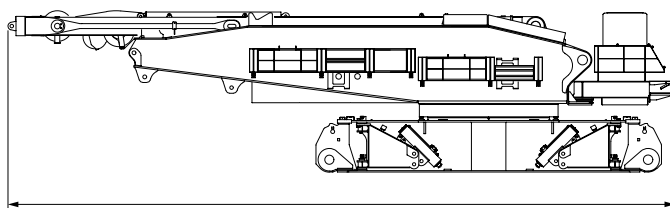
Note: Loads enclosed in bold lines in the table require double-drum specifications.
Refer to supplemental data P15 and P16.



TRANSPORTATION PLAN

Base Machine

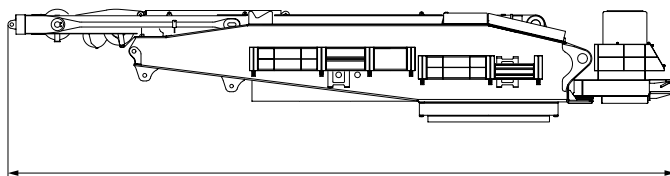
Base machine with mast and lower translifter without upper/lower connecting devices.



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

[illegible]



HYDRAULIC CRAWLER CRANE

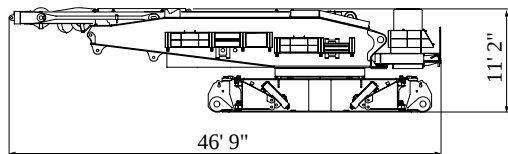
PARTS AND ATTACHMENTS

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

Base Machine

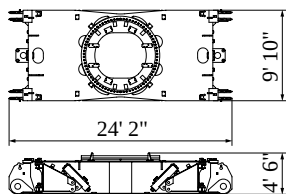
With mast and lower transfliter without upper/lower connecting devices.

Weight: 141,000 lbs (64,000 kg) Width: 9' 10" (3,000 mm)

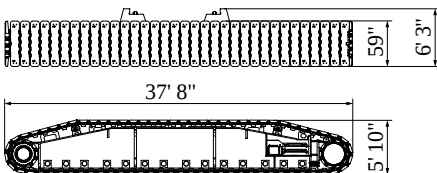
**Carbody**

With upper/lower connecting devices.

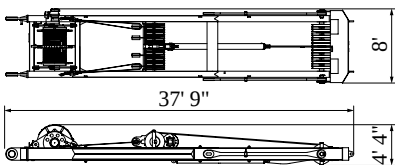
Weight: 49,900 lbs (22,610 kg) Width: 9' 10" (2,990 mm)

**Crawler**

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

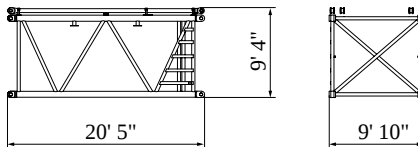
**Crane Mast (Standard)**

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

**19.7 ft (6 m) Insert Boom**

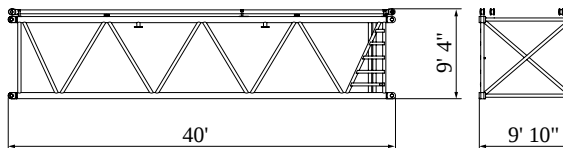
With 19.7 ft (6 m) guy line x 4

Weight: 8,300 lbs (3,760 kg)

**39.4 ft (12 m) Insert Boom**

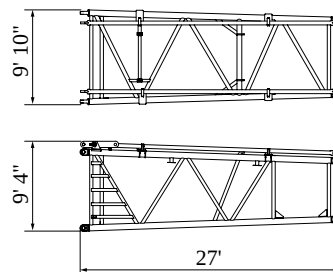
With 39.4 ft (12 m) guy line x 4

Weight: 14,500 lbs (6,570 kg)

**26.2 ft (8 m) Tapered Boom**

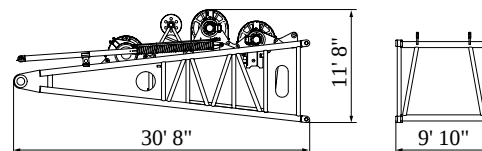
With 26.2 ft (8 m) guy line x 2

Weight: 11,400 lbs (5,150 kg)

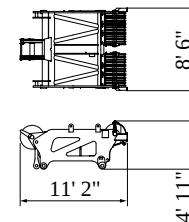
**29.5 ft (9 m) Boom Base**

With H1, H2 and W2 winches including ropes, guide sheave, and boom backstop

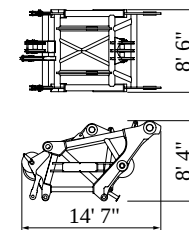
Weight: 62,700 lbs (28,440 kg)

**Heavy Boom Top**

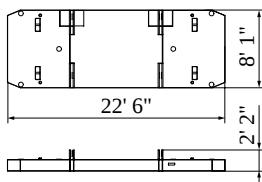
Weight: 10,800 lbs (4,910 kg)

**Luffing Boom Top**

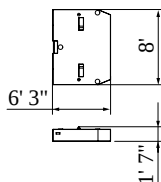
Weight: 12,200 lbs (5,520 kg)

**Base Counterweight**

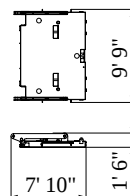
Weight: 44,100 lbs (20,000 kg)

**Counterweight**

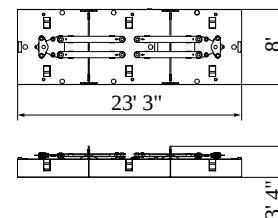
Weight: 22,100 lbs (10,000 kg)

**Base Carbody Weight**

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

**Base Pallet Weight**

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





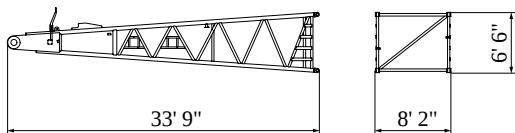
HYDRAULIC CRAWLER CRANE

\$160000

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

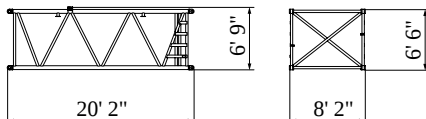
32.8 ft (10 m) Jib Base

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



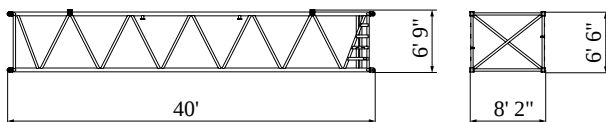
19.7 ft (6 m) Insert Jib

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



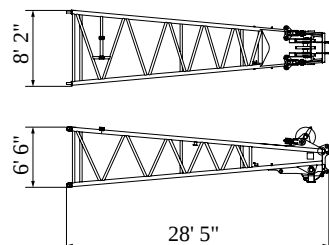
39.4 ft (12 m) Insert Jib

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



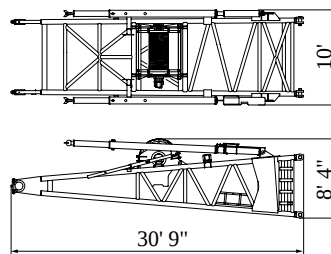
26.2 ft (8 m) Jib Top

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



29.5 ft (8 m) Mast Base

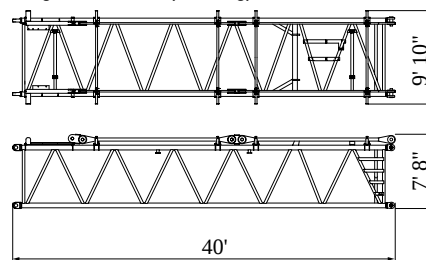
Weight: 30,200 lbs (13,700 kg)



39.4 ft (12 m) Insert Mast

With guy line

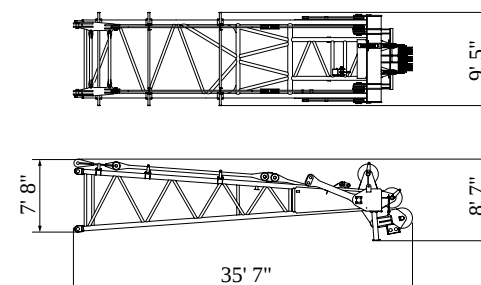
Weight: 12,500 lbs (5,650 kg)



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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