

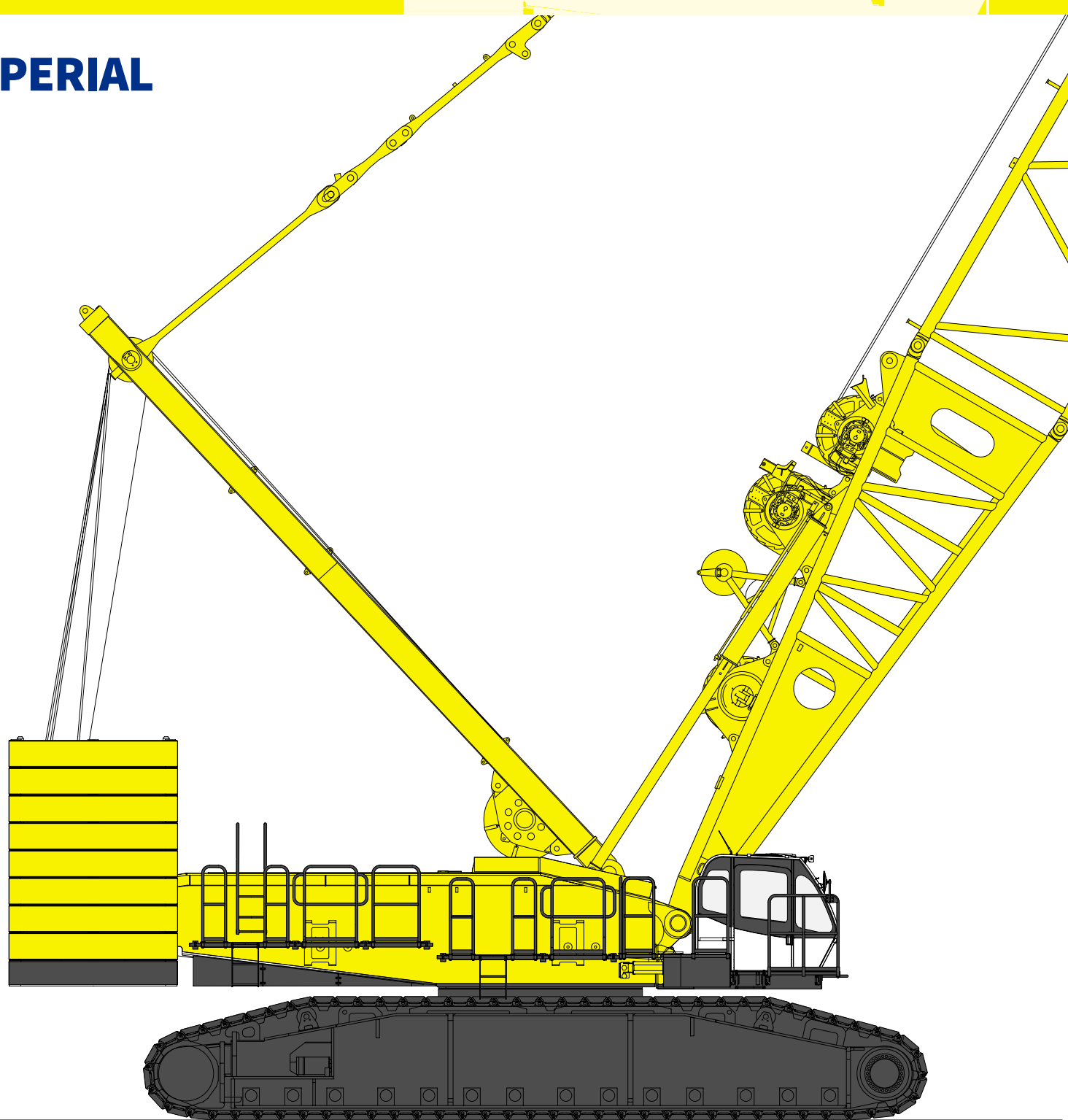
HYDRAULIC CRAWLER CRANE

SL6000

KOBELCO

Model: SL6000

IMPERIAL



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

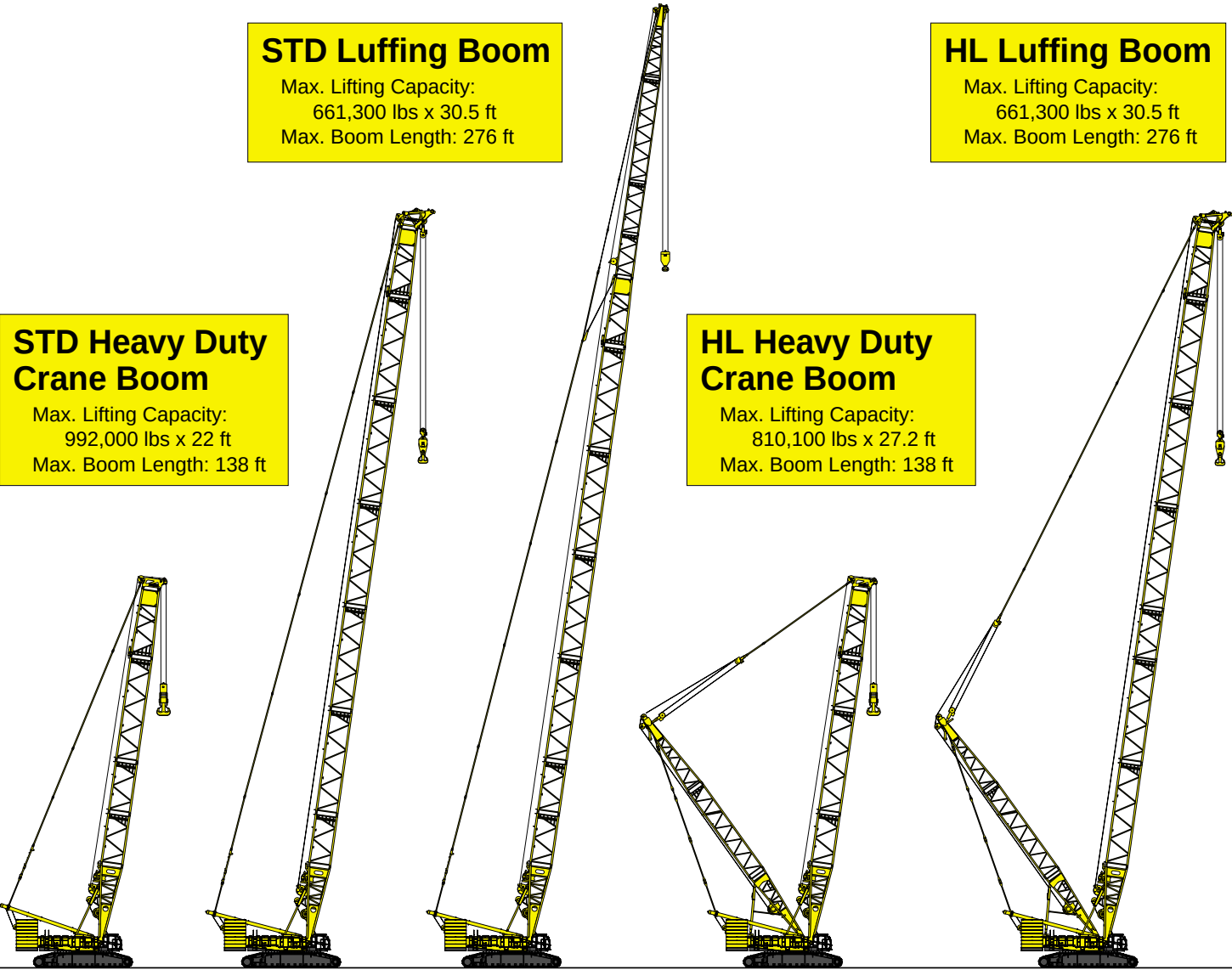
Max. Lifting Capacity:
661,300 lbs x 30.5 ft
Max. Boom Length: 276 ft

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

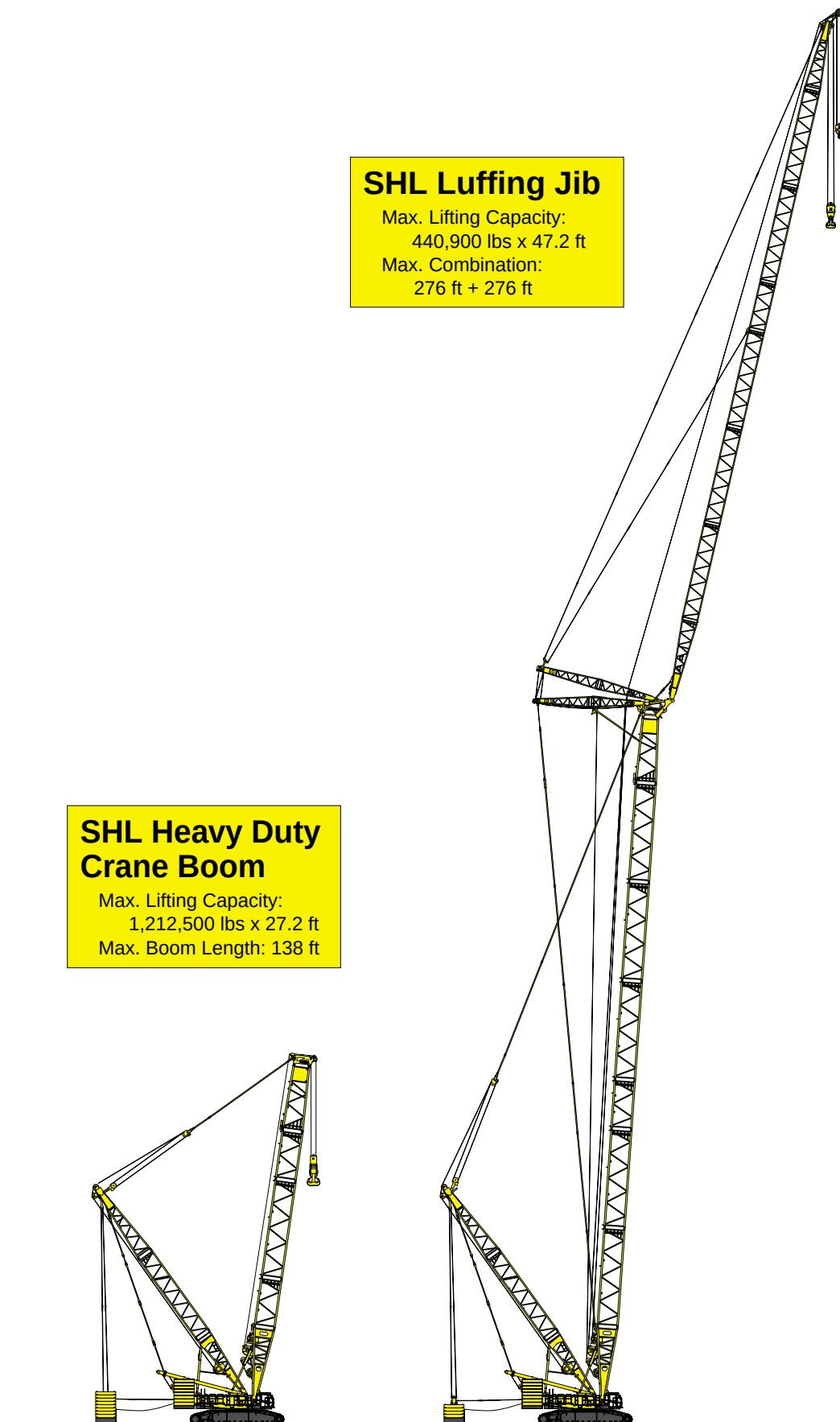


SHL Luffing Jib

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



CONTENTS

Configuration	1
Specifications	3
General Dimensions	5

STANDARD

Boom and Jib Arrangements	7
Working Ranges	9
Crane Boom Supplemental Data	14
Luffing Jib Supplemental Data	15
Heavy Duty Crane Boom Lifting Capacities	17
Luffing Boom Lifting Capacities	18
Long Boom Lifting Capacities	20
Luffing Jib Lifting Capacities	21

HEAVY LIFT

Boom and Jib Arrangements	25
Working Ranges	27
Heavy Duty Crane Boom Lifting Capacities	33
Luffing Boom Lifting Capacities	34
Long Boom Lifting Capacities	36
Luffing Jib Lifting Capacities	37

SUPER HEAVY LIFT

Boom and Jib Arrangements	41
Working Ranges	43
Heavy Duty Crane Boom Lifting Capacities	49
Luffing Boom Lifting Capacities	50
Long Boom Lifting Capacities	52
Luffing Jib Lifting Capacities	54

Transportation Plan	59
---------------------------	----

Parts and Attachments	61
-----------------------------	----

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



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

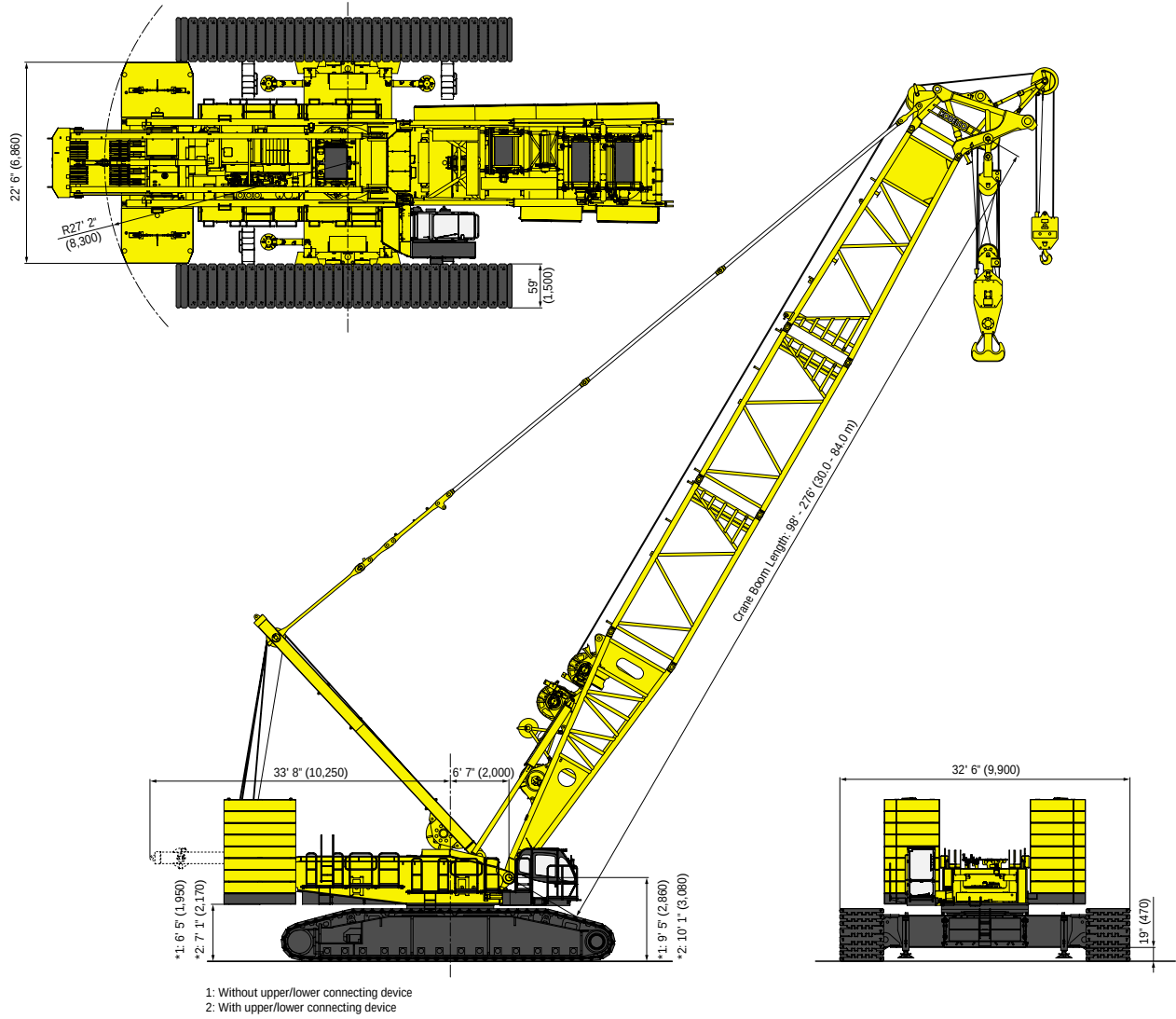
Working Weight*	Approx. 934,700 lbs (424 metric ton)
Ground Pressure*	19.9 psi (136 kPa)
Counterweight	Upper: 396,800 lbs (180 metric ton)
	Lower: 110,200 lbs (50 metric ton)

* 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.

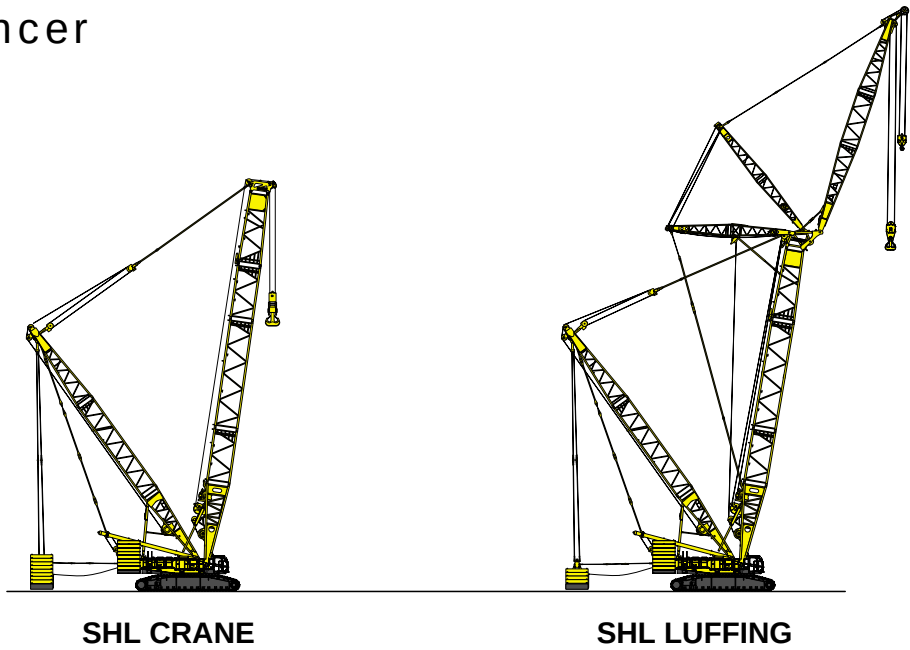
GENERAL DIMENSIONS

Crane Boom

Unit: ft-in (mm)

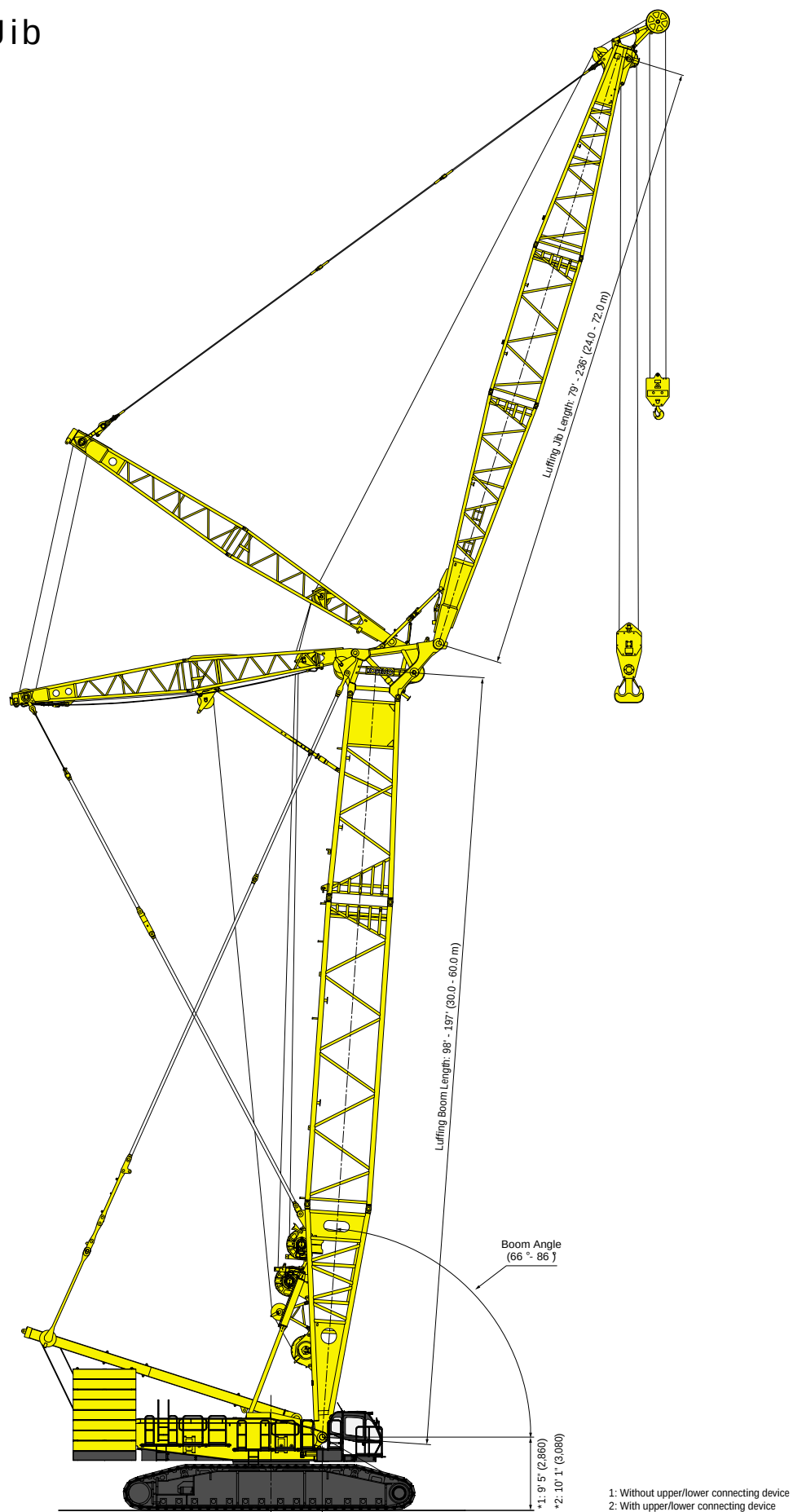


Lift Enhancer



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

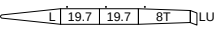
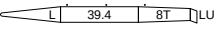
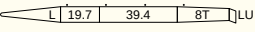
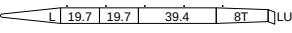
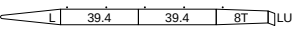
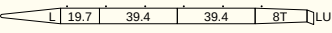
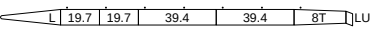
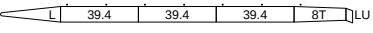
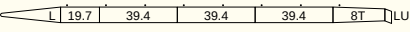
Boom length ft (m)	Boom arrangement
295 (90)	
315 (96)	※
335 (102)	※
354 (108)	※

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.

Luffing Boom Arrangements for Luffing

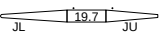
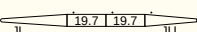
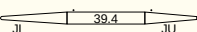
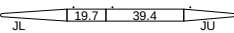
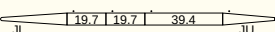
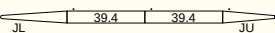
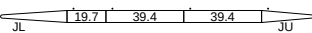
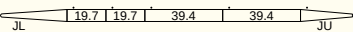
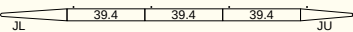
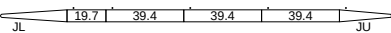
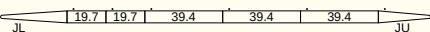
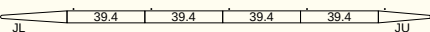
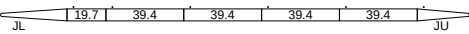
Boom length ft (m)	Boom arrangement
98 (30)	※  
118 (36)	※ 
138 (42)	※  
157 (48)	※ 
177 (54)	※  
197 (60)	※ 

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

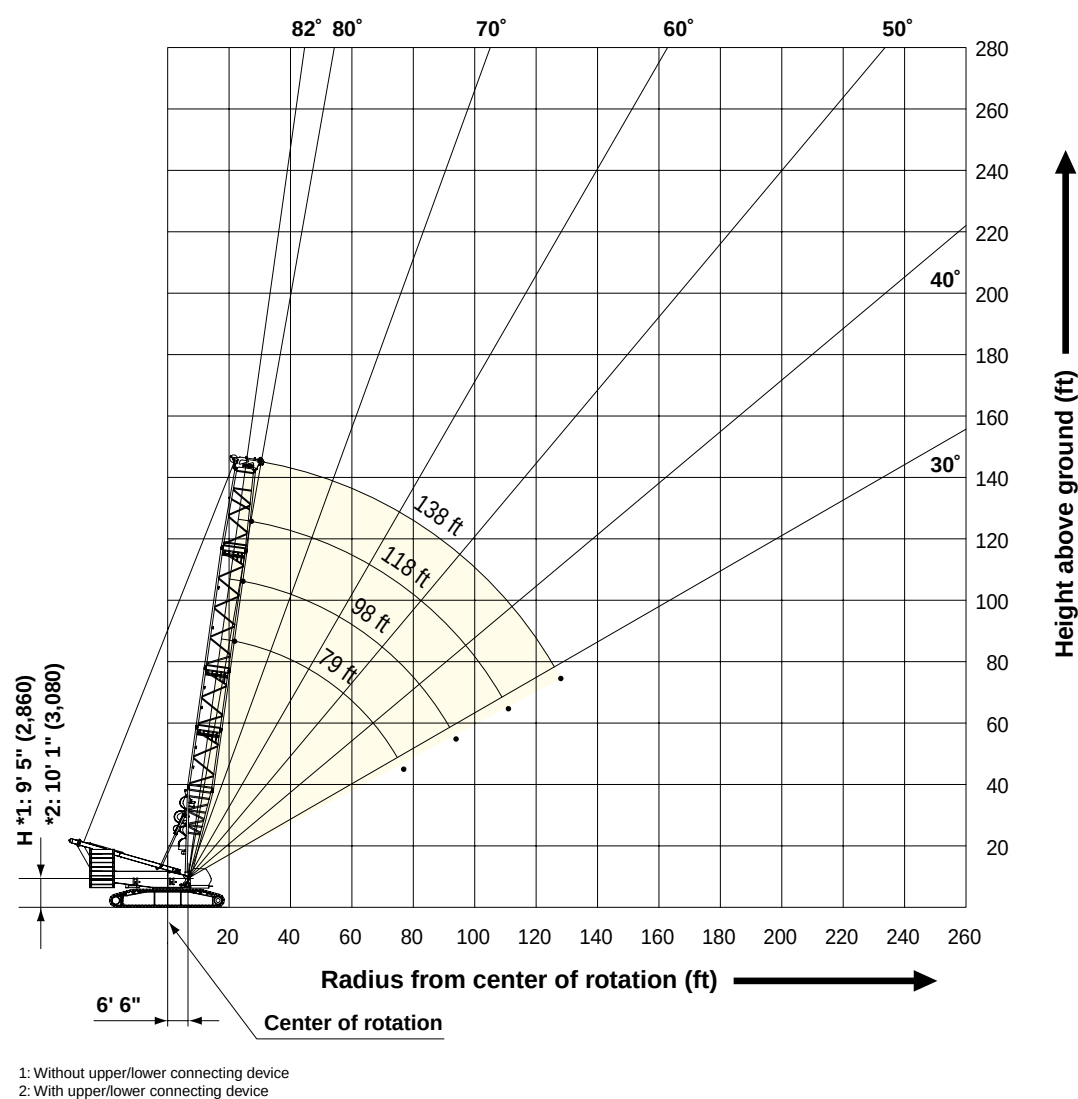
↗ mark shows the guy line installing position when the fixed jib is used.

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

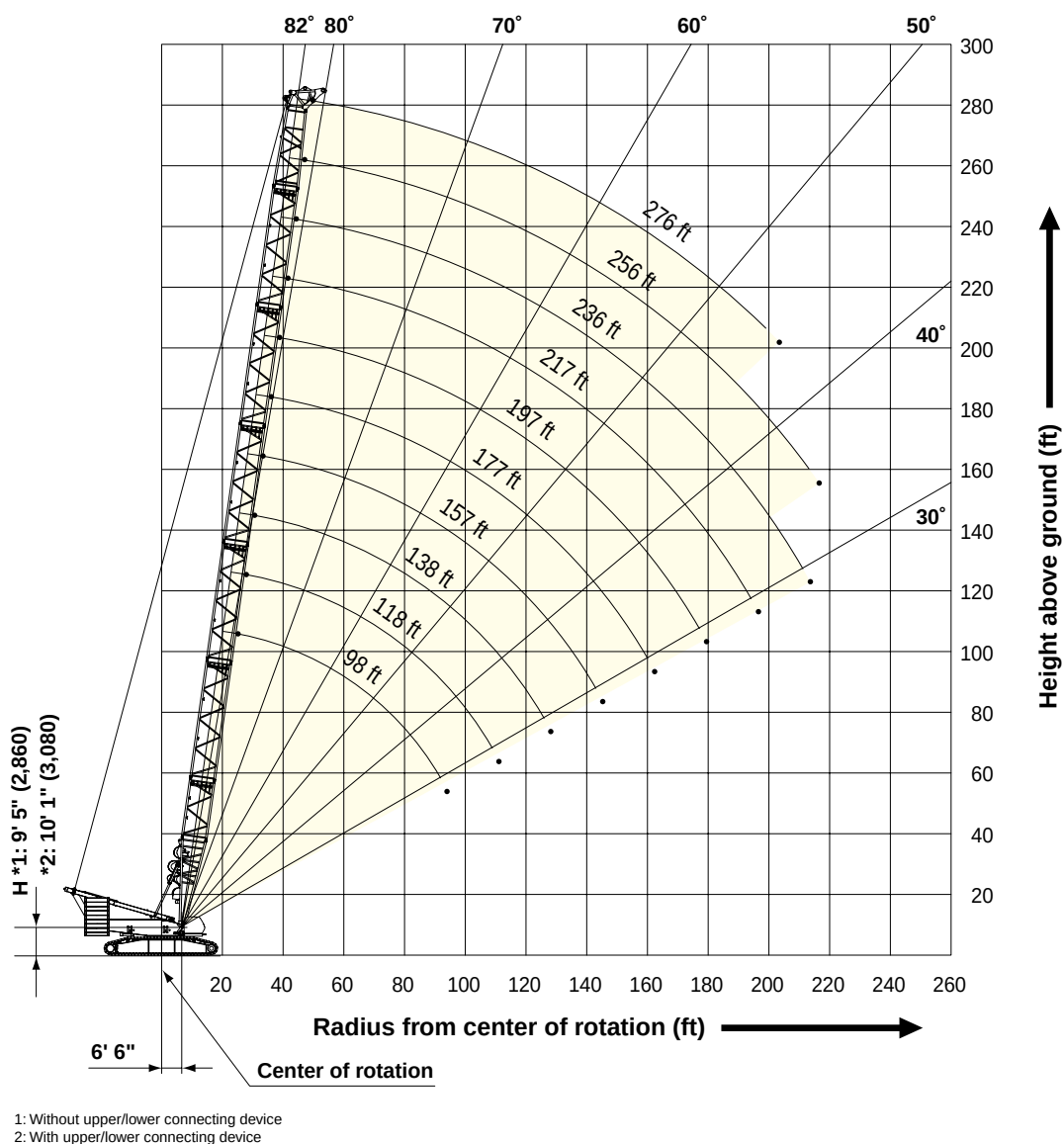
STANDARD

WORKING RANGES

Heavy Duty Crane Boom



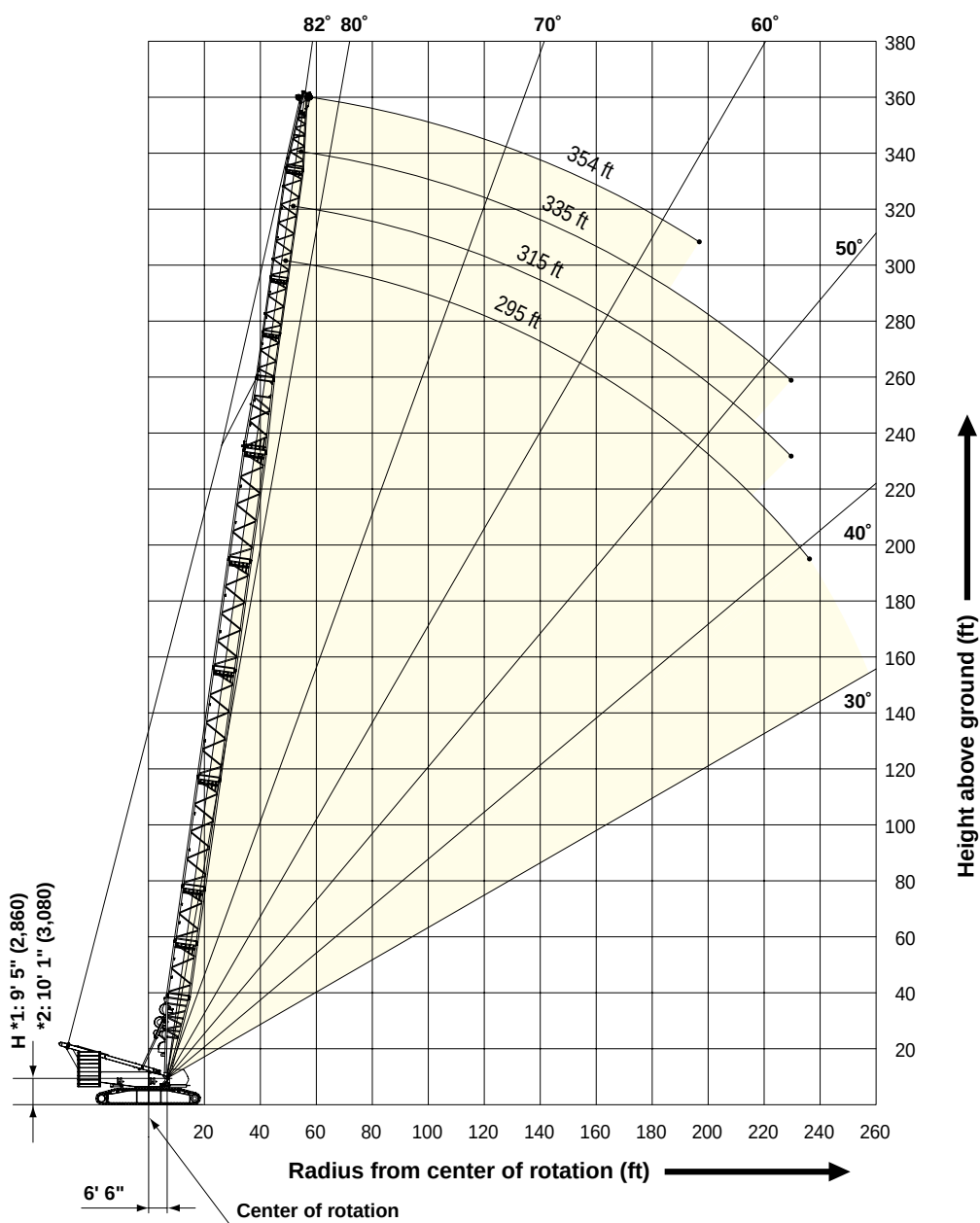
Luffing Boom



STANDARD

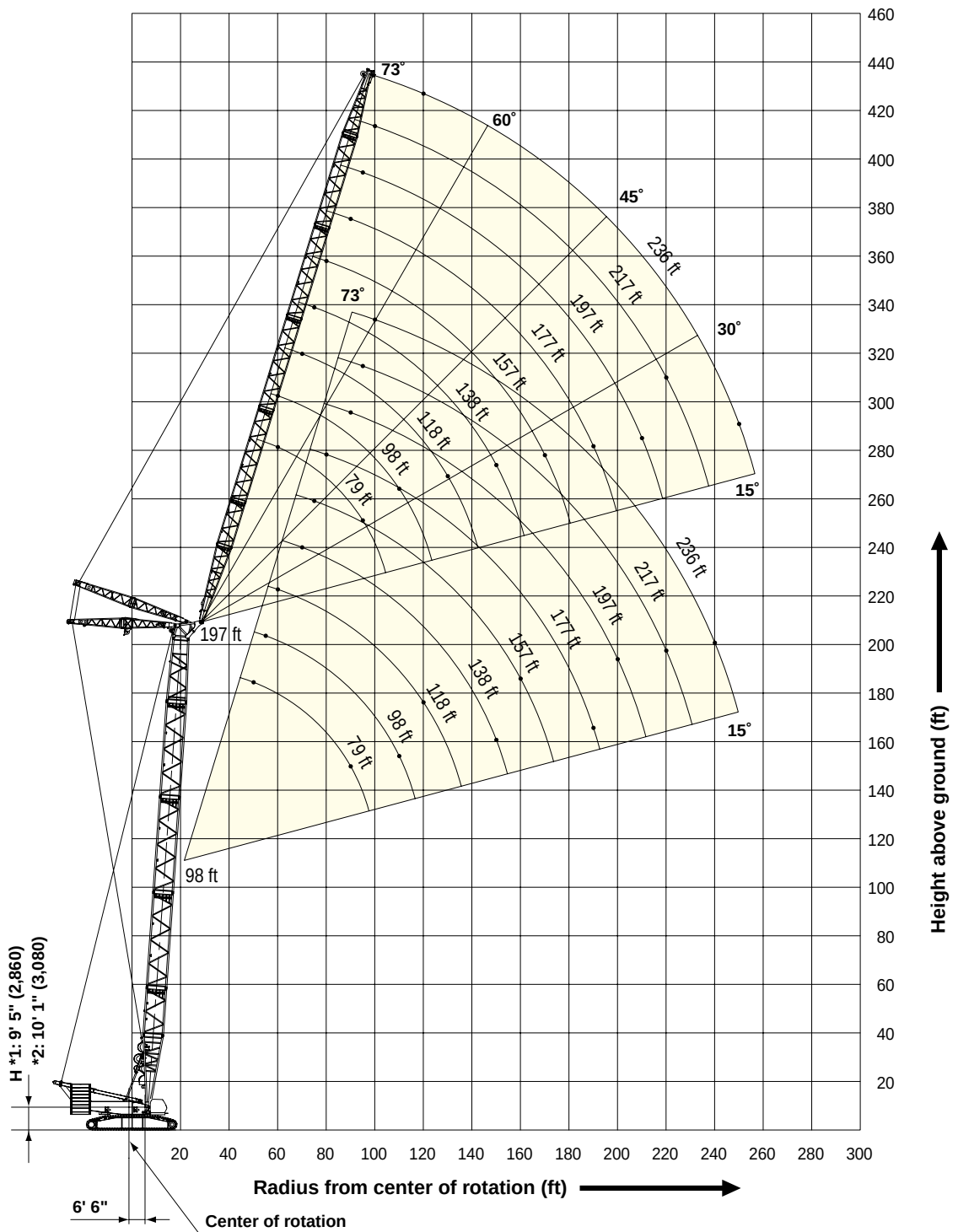
WORKING RANGES

Long Boom



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

Luffing Jib Boom Angle: 86°

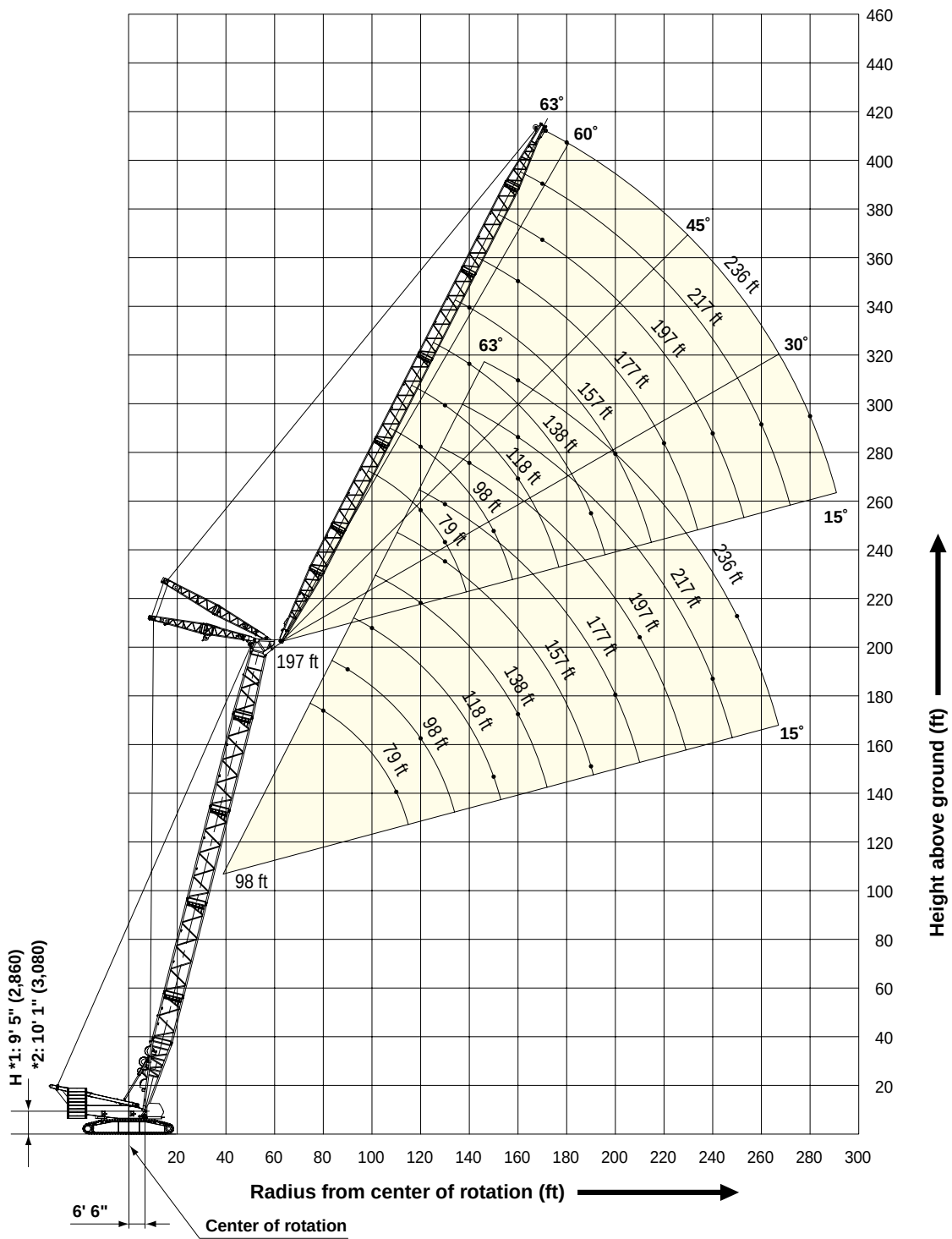


1: Without upper/lower connecting device
2: With upper/lower connecting device

STANDARD

WORKING RANGES

Luffing Jib
Boom Angle: 76°



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

CRANE BOOM SUPPLEMENTAL DATA

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

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

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

Deductions (lbs)	1,500
------------------	-------

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

- Boom lengths for auxiliary sheave can be equipped.

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

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

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

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

Main Boom Hoist Loads (Double Drum)

No. of Parts of Line	8(2x4)	12(2x6)	16(2x8)	20(2x10)	24(2x12)
Maximum Loads (lbs)	246,900	361,500	485,000	617,200	740,700

No. of Parts of Line	28(2x14)	36(2x18)	44(2x22)
Maximum Loads (lbs)	815,700	992,000	1,212,500

Main Boom Hoist Loads (Single Drum)

No. of Parts of Line	1	2	3	4	5
Maximum Loads (lbs)	30,800	61,700	92,500	123,400	154,300

No. of Parts of Line	6	7	8	9	10
Maximum Loads (lbs)	185,100	216,000	246,900	277,700	308,600

No. of Parts of Line	11	12	13	14	15
Maximum Loads (lbs)	335,000	361,500	383,500	405,600	423,200

No. of Parts of Line	16
Maximum Loads (lbs)	440,900

Auxiliary Hoist Loads

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

- Rated loads listed apply only to the machine as originally manufactured and designed by KOBELCO CRANES CO.,LTD. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.

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

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

LUFFING JIB SUPPLEMENTAL DATA

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

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.

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.

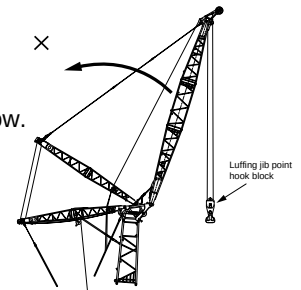
(2) Total number of reeving parts of line on luffing jib point hook block must be larger than the table below.

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	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
276 ft (84 m)	Hook Block Self-Weight (lbs)			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

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.

Luffing Boom Lifting Capacities

Unit: lbs

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

98' Boom			118' Boom			138' Boom			157' Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
25.3	81.9	661,300 *	27.9	82.0	661,300 *	30.5	82.0	661,300 *	33.5	82.0	570,100 *
26.0	81.5	661,300 *	28.0	81.9	661,300 *	32.0	81.4	630,200 *	34.0	81.8	560,900 *
28.0	80.3	661,300 *	30.0	80.9	658,600 *	34.0	80.6	591,200 *	36.0	81.0	526,600 *
30.0	79.1	658,800 *	32.0	80.0	647,000 *	36.0	79.7	554,000 *	38.0	80.3	492,300 *
32.0	77.9	648,200 *	34.0	79.0	617,600 *	38.0	78.9	516,900 *	40.0	79.5	461,300 *
34.0	76.7	619,100 *	36.0	78.0	576,000 *	40.0	78.0	483,300 *	45.0	77.7	401,400 *
36.0	75.5	577,500 *	38.0	77.0	534,400 *	45.0	75.9	419,300 *	50.0	75.8	354,300 *
38.0	74.3	535,900 *	40.0	76.0	497,200 *	50.0	73.7	369,300 *	55.0	73.9	315,200
40.0	73.0	498,700 *	45.0	73.4	427,800 *	55.0	71.5	324,400	60.0	72.0	281,600
45.0	69.9	429,300 *	50.0	70.8	373,000 *	60.0	69.2	283,600	65.0	70.0	250,300
50.0	66.7	373,900 *	55.0	68.2	325,900	65.0	67.0	251,500	70.0	68.0	224,500
55.0	63.4	326,400	60.0	65.5	285,100	70.0	64.7	225,700	75.0	66.0	202,400
60.0	60.0	285,800	65.0	62.8	253,000	75.0	62.3	203,700	80.0	64.0	183,500
65.0	56.5	253,900	70.0	59.9	227,400	80.0	59.9	184,800	85.0	61.9	167,400
70.0	52.8	228,200	75.0	57.0	205,500	85.0	57.4	168,700	90.0	59.8	153,600
75.0	48.9	206,200	80.0	54.0	186,600	90.0	54.8	155,100	95.0	57.6	141,500
80.0	44.7	187,500	85.0	50.8	170,500	95.0	52.1	143,000	100.0	55.4	130,900
85.0	40.1	171,300	90.0	47.5	156,900	100.0	49.4	132,500	110.0	50.8	112,800
90.0	35.0	157,900	95.0	44.0	144,800	110.0	43.4	114,500	120.0	45.7	98,500
94.2	30.1	147,200	100.0	40.2	134,200	120.0	36.7	100,200	130.0	40.2	86,400
			110.0	31.3	116,100	128.3	30.1	89,700	140.0	33.9	76,000
			111.2	30.1	113,900				145.3	30.0	71,200

177' Boom			197' Boom			217' Boom			236' Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
36.1	82.0	495,100 *	38.7	82.0	434,900 *	41.7	82.0	386,000 *	44.3	82.0	344,100 *
38.0	81.4	467,700 *	40.0	81.7	421,600 *	45.0	81.1	354,000 *	45.0	81.8	338,200 *
40.0	80.7	440,900 *	45.0	80.2	369,100 *	50.0	79.7	314,400 *	50.0	80.6	301,400 *
45.0	79.1	384,800 *	50.0	78.7	327,000 *	55.0	78.4	280,800	55.0	79.4	269,400
50.0	77.4	340,400 *	55.0	77.2	291,700	60.0	77.0	252,400	60.0	78.1	242,200
55.0	75.7	303,300	60.0	75.7	261,900	65.0	75.6	228,600	65.0	76.9	219,400
60.0	74.0	272,100	65.0	74.2	237,200	70.0	74.3	208,500	70.0	75.6	200,100
65.0	72.3	246,300	70.0	72.6	216,300	75.0	72.9	190,700	75.0	74.4	182,900
70.0	70.6	222,600	75.0	71.1	197,800	80.0	71.5	175,100	80.0	73.1	167,700
75.0	68.9	201,300	80.0	69.5	180,800	85.0	70.1	161,200	85.0	71.8	154,200
80.0	67.1	182,400	85.0	68.0	164,500	90.0	68.6	148,700	90.0	70.5	142,500
85.0	65.3	166,100	90.0	66.4	150,700	95.0	67.2	137,000	95.0	69.2	131,900
90.0	63.5	152,300	95.0	64.7	138,500	100.0	65.7	126,300	100.0	67.9	122,400
95.0	61.7	140,200	100.0	63.1	127,800	110.0	62.8	107,900	110.0	65.2	105,500
100.0	59.8	129,600	110.0	59.7	109,500	120.0	59.7	93,300	120.0	62.5	91,100
110.0	55.9	111,400	120.0	56.3	95,000	130.0	56.6	80,800	130.0	59.7	78,300
120.0	51.8	96,900	130.0	52.6	82,800	140.0	53.3	70,000	140.0	56.8	67,100
130.0	47.4	84,600	140.0	48.8	72,200	150.0	49.8	60,800	150.0	53.8	57,900
140.0	42.7	74,300	150.0	44.7	63,200	160.0	46.2	52,900	160.0	50.7	50,000
150.0	37.6	65,800	160.0	40.2	55,500	170.0	42.3	46,100	170.0	47.4	43,100
160.0	31.6	58,400	170.0	35.3	49,200	180.0	38.1	40,100	180.0	44.0	37,000
162.4	30.0	56,600	179.5	30.0	43,200	190.0	33.4	34,700	190.0	40.3	31,600
						196.5	30.0	31,700	200.0	36.2	27,100
									210.0	31.8	22,800
									213.6	30.0	21,300

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

LIFTING CAPACITIES

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

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.

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 *		144,800 *		129,400 *		55					
60	292,000										60					
65	269,500										65					
70	250,500										70					
75	232,300										75					
80	214,500										80					
85	197,400										85					
90	183,000										90					
95	170,100										95					
100	143,600										100					
110	126,500										110					
120	112,600										120					
130											99,100	110,100	106,100	102,900	130	
140											89,400	99,400	86,500	96,900	94,100	140
150											81,200	90,300	78,300	87,900	86,000 *	150
160											74,300	82,700	71,600	78,600 *	66,900	75,600 *
170		68,300	75,600 *	65,600	69,700 *	60,600	66,100 *	58,000	170							
180			68,400 *	60,200	61,300 *	55,100	57,600 *	52,500	180							
190			61,200 *	55,300	54,000 *	50,200	50,200 *	47,600	190							
200				51,200 *	47,900 *	46,000	44,000 *	43,400	200							
210				47,600 *	42,300 *	42,300	38,300 *	39,600	210							
220					37,200 *	39,000	33,200 *	36,300	220							
230						36,000	28,700 *	33,200	230							
240						33,500 *	24,800 *	30,600	240							
250						31,200 *		28,300	250							
260								26,300	260							

157' Boom

Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib		Load Radius (ft)
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		
	86	76	86	76	86	76	86	76	86	76	
55	306,900	150,100	205,000 *		179,600		141,900 *		127,800 *		55
60	281,600										60
65	260,300										65
70	242,200										70
75	226,300										75
80	211,600										80
85	196,600										85
90	182,300										90
95	169,500										95
100	140,100										100
110	123,200										110
120	109,800										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		23,800 *	260								

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

STANDARD

LIFTING CAPACITIES

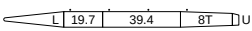
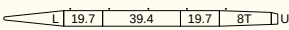
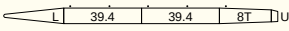
Luffing Jib Lifting Capacities											
											Unit: lbs
Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs											
177' Boom											
Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib		Load Radius (ft)
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		
	86	76	86	76	86	76	86	76	86	76	
60	271,300	136,200	199,300								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			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									
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								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			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

BOOM AND JIB ARRANGEMENTS

Heavy Duty Crane Boom Arrangements

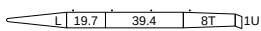
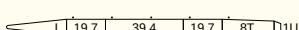
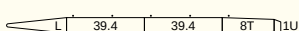
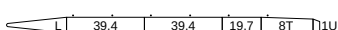
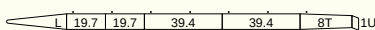
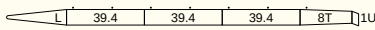
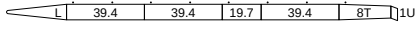
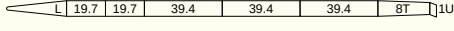
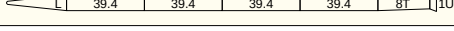
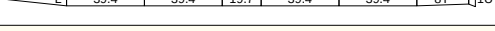
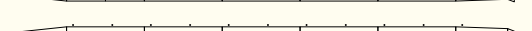
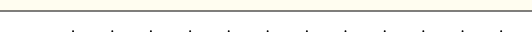
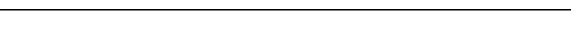
Boom length ft (m)	Boom arrangement
118 (36)	※ 
138 (42)	※  

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

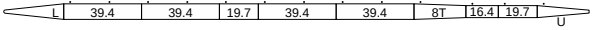
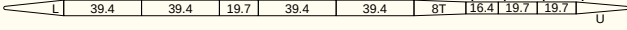
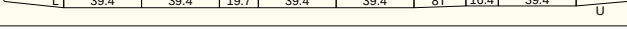
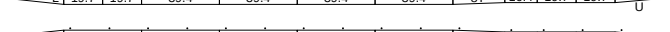
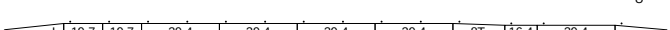
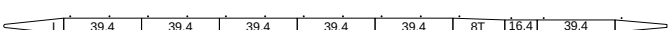
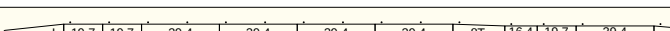
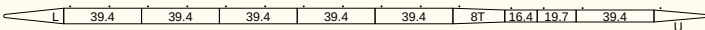
Boom length ft (m)	Boom arrangement
118 (36)	※ 
138 (42)	※  
157 (48)	※ 
177 (54)	※  
197 (60)	※ 
217 (66)	※  
236 (72)	※ 
256 (78)	※  
276 (84)	※ 

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.

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.

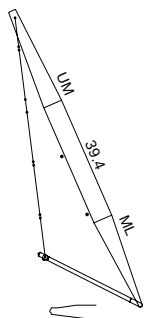
Luffing Jib Arrangements

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

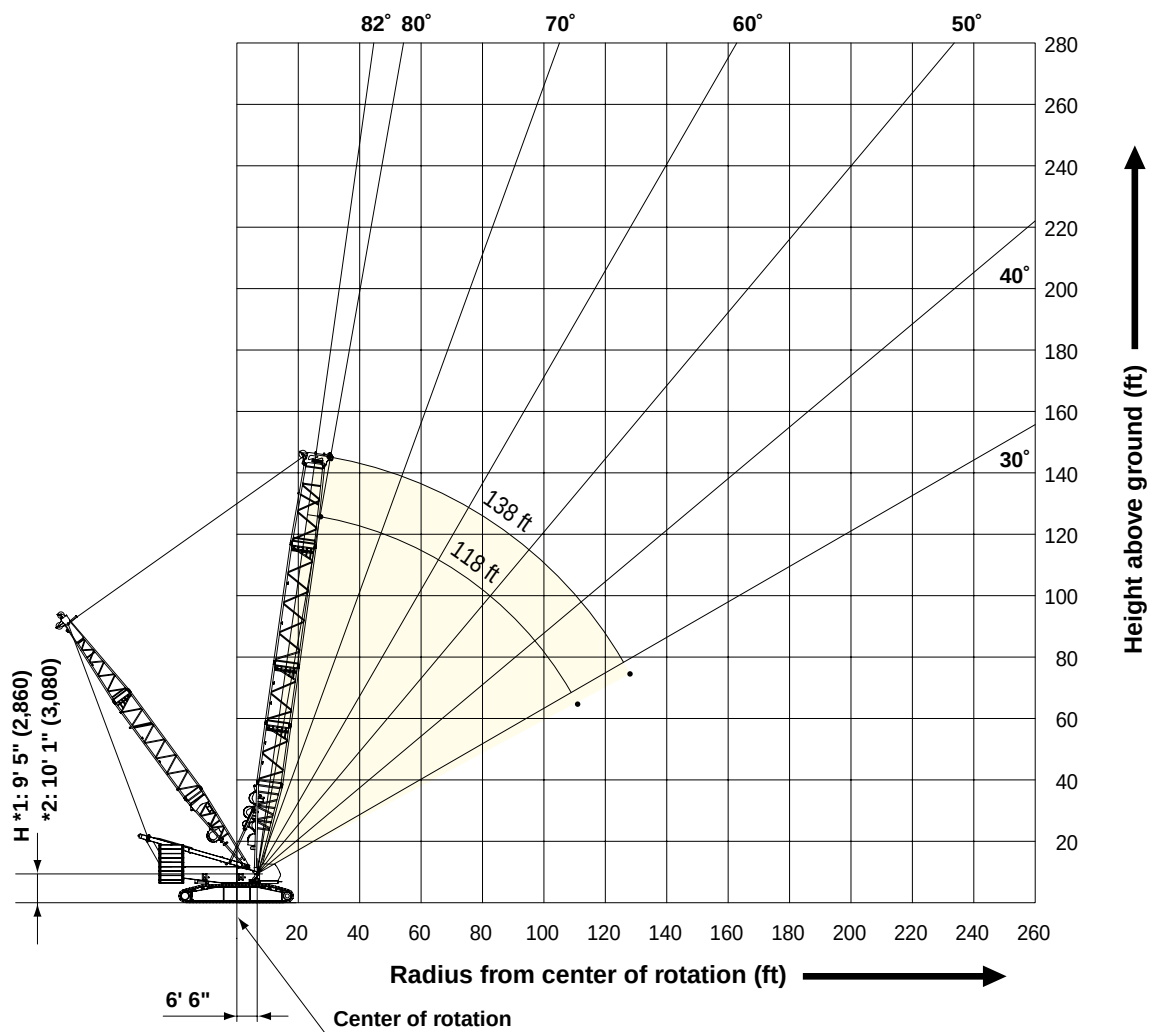


Symbol	Mast Length	Remarks
	29.5 ft (9.0 m)	Mast Base
	39.4 ft (12.0 m)	Insert Mast
	29.5 ft (9.0 m)	Mast Top

HEAVY LIFT

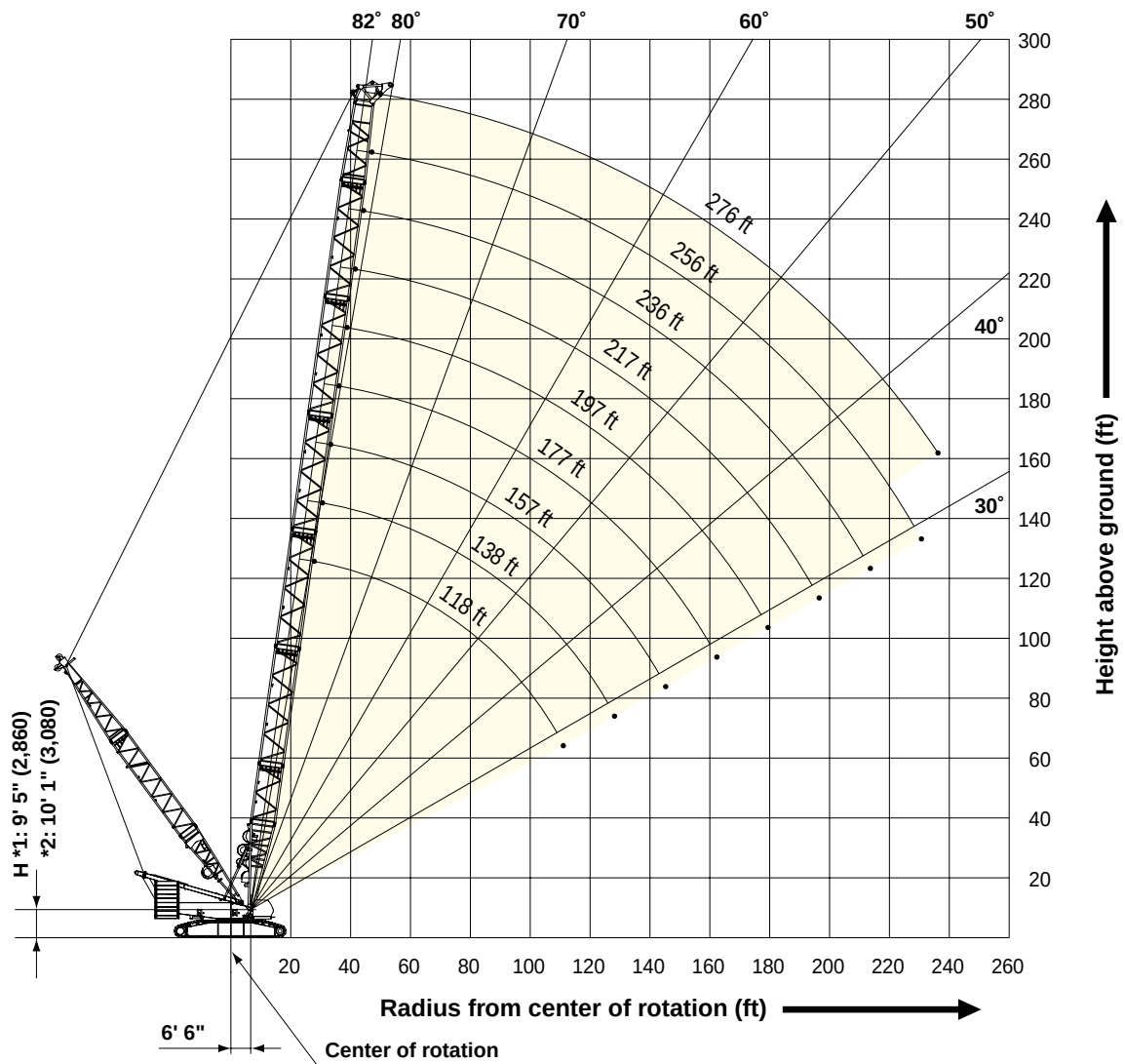
WORKING RANGES

Heavy Duty Crane Boom



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

Luffing Boom

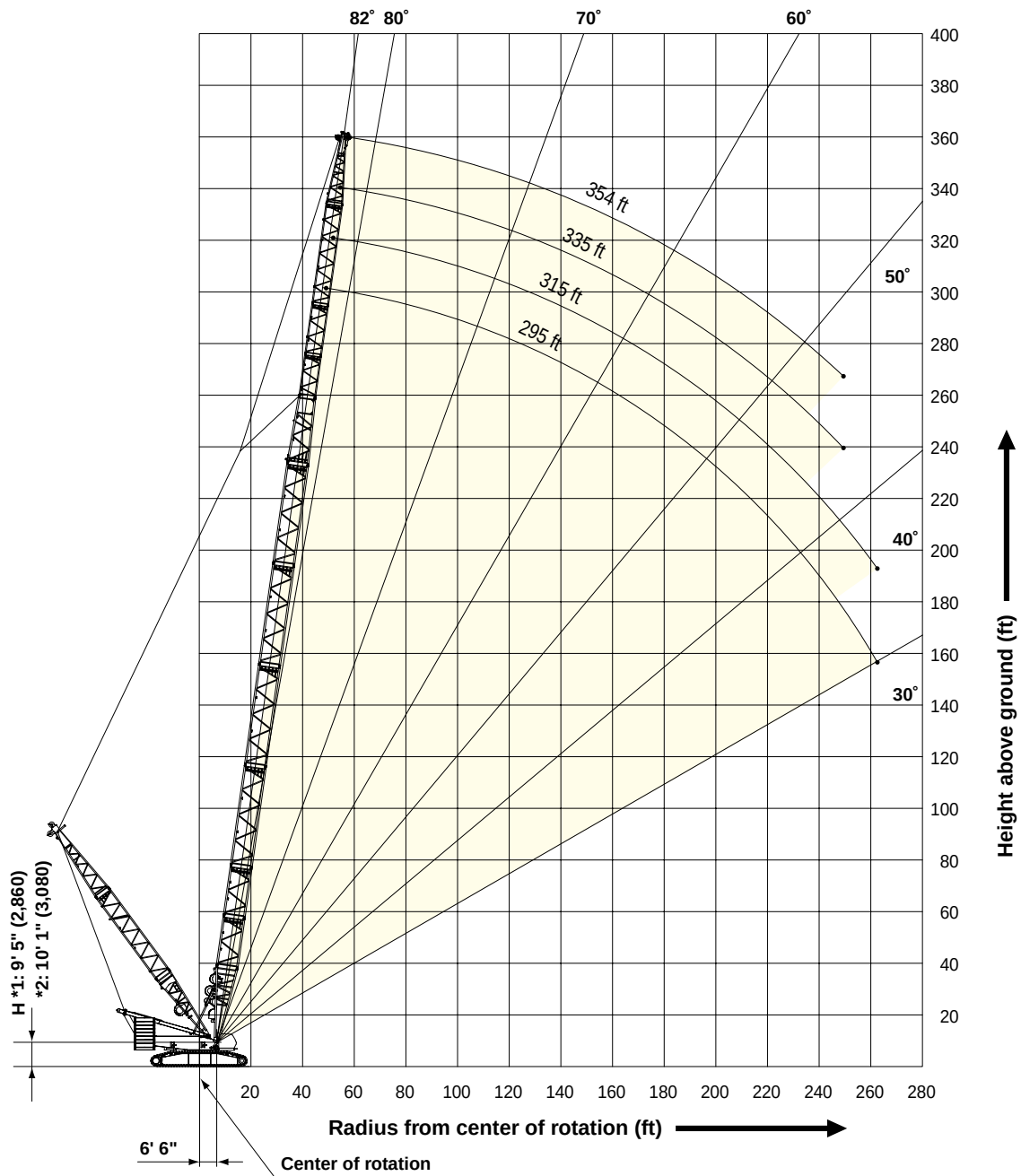


1: Without upper/lower connecting device
 2: With upper/lower connecting device

HEAVY LIFT

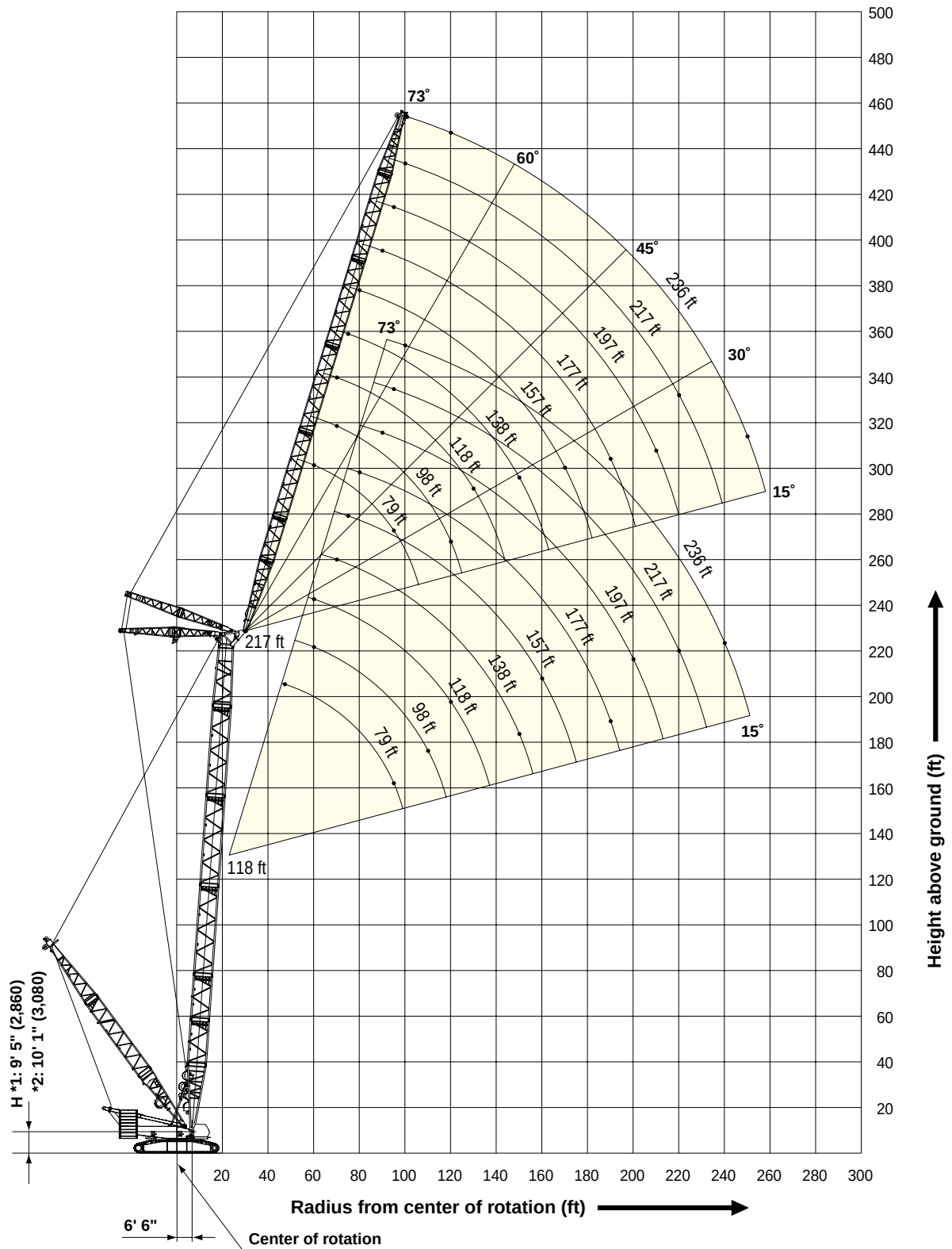
WORKING RANGES

Long Boom



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

Luffing Jib Boom Angle: 86°



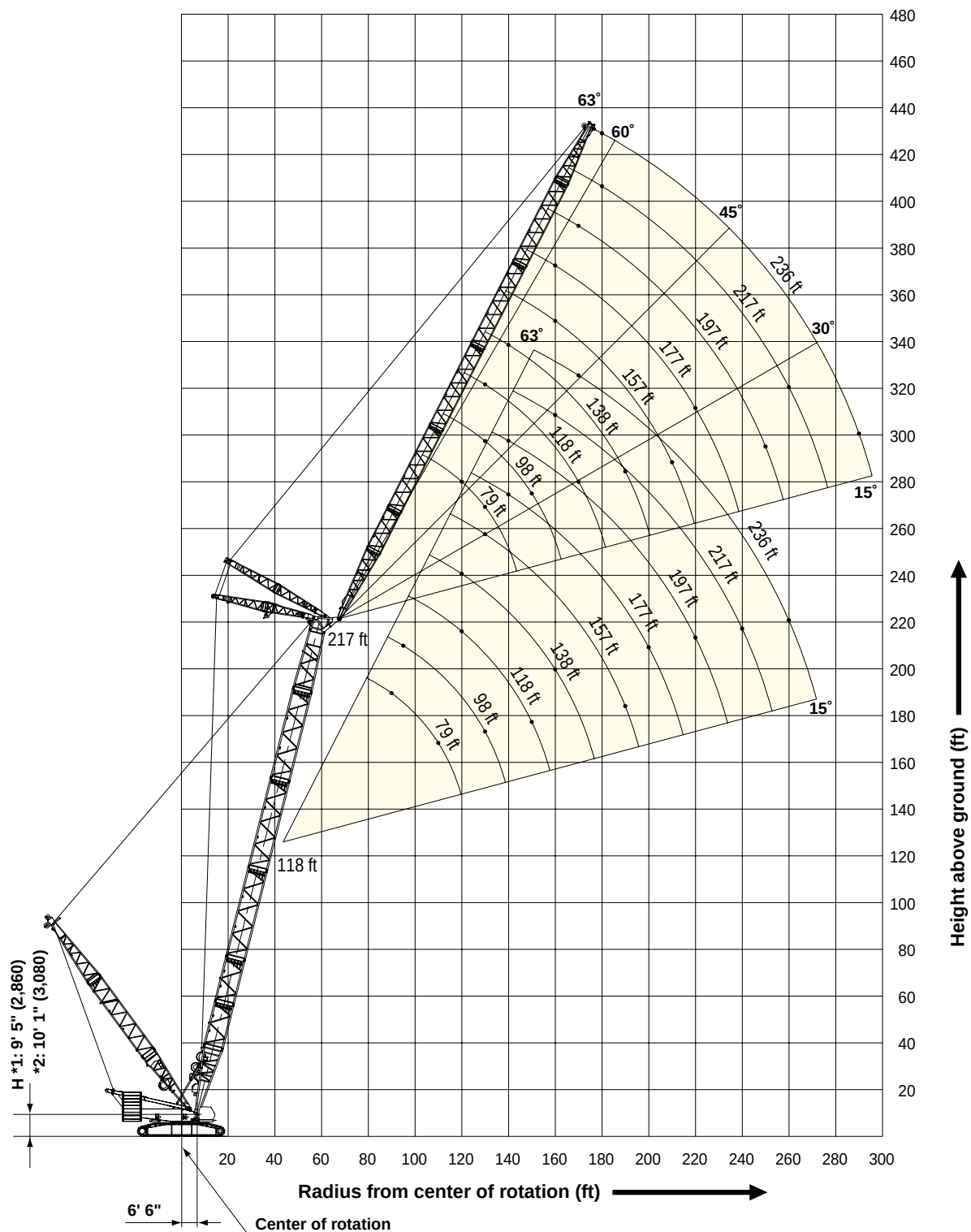
- 1: Without upper/lower connecting device
- 2: With upper/lower connecting device

HEAVY LIFT

WORKING RANGES

Luffing Jib

Boom Angle: 76°



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.

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.

LIFTING CAPACITIES

Unit: lbs

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

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

Long Boom Lifting Capacities

Unit: lbs

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

295' Boom			315' Boom			335' Boom			354' Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
49.2	82.0	216,000 *	51.8	82.0	216,000 *	54.5	82.0	185,100 *	57.4	82.0	185,100 *
50.0	81.8	216,000 *	55.0	81.4	216,000 *	55.0	81.9	185,100 *	60.0	81.6	185,100 *
55.0	80.8	216,000 *	60.0	80.5	215,800 *	60.0	81.1	185,100 *	65.0	80.7	185,100 *
60.0	79.8	216,000 *	65.0	79.6	215,000 *	65.0	80.2	185,100 *	70.0	79.9	182,000 *
65.0	78.9	216,000 *	70.0	78.6	200,000	70.0	79.3	185,100 *	75.0	79.1	172,800
70.0	77.9	204,100	75.0	77.7	184,500	75.0	78.4	177,500	80.0	78.3	159,600
75.0	76.9	189,700	80.0	76.8	170,600	80.0	77.6	164,200	85.0	77.4	147,700
80.0	75.9	175,400	85.0	75.8	158,300	85.0	76.7	152,100	90.0	76.6	137,200
85.0	74.9	162,800	90.0	74.9	147,500	90.0	75.8	141,300	95.0	75.8	127,600
90.0	73.9	151,600	95.0	73.9	137,500	95.0	74.9	131,500	100.0	74.9	118,900
95.0	72.8	141,300	100.0	73.0	128,300	100.0	74.0	122,500	110.0	73.3	103,600
100.0	71.8	132,000	110.0	71.1	112,300	110.0	72.2	106,900	120.0	71.6	90,600
110.0	69.8	115,800	120.0	69.1	98,900	120.0	70.4	93,600	130.0	69.8	79,500
120.0	67.7	102,000	130.0	67.2	87,300	130.0	68.6	82,200	140.0	68.1	70,100
130.0	65.6	89,400	140.0	65.2	77,400	140.0	66.7	72,600	150.0	66.3	61,600
140.0	63.4	78,900	150.0	63.2	68,500	150.0	64.9	64,100	160.0	64.6	54,100
150.0	61.2	69,800	160.0	61.1	60,600	160.0	63.0	56,500	170.0	62.8	47,500
160.0	59.0	61,900	170.0	59.0	53,700	170.0	61.0	49,700	180.0	60.9	41,800
170.0	56.7	54,800	180.0	56.8	47,800	180.0	59.0	43,800	190.0	59.1	36,500
180.0	54.3	48,900	190.0	54.6	42,300	190.0	57.0	38,500	200.0	57.1	31,600
190.0	51.9	43,500	200.0	52.4	37,300	200.0	54.9	33,600	210.0	55.2	27,300
200.0	49.3	38,600	210.0	50.0	32,600	210.0	52.8	29,300	220.0	53.2	23,200
210.0	46.7	33,900	220.0	47.6	28,500	220.0	50.6	25,200	230.0	51.1	19,700
220.0	44.0	29,900	230.0	45.1	24,700	230.0	48.4	21,700	240.0	49.0	16,400
230.0	41.1	26,100	240.0	42.4	21,200	240.0	46.0	18,400	249.3	47.0	13,600
240.0	38.0	22,600	250.0	39.6	18,100	249.3	43.7	15,400			
250.0	34.7	19,400	260.0	36.7	15,400						
260.0	31.1	16,600	262.5	35.9	14,700						
262.8	30.1	15,800									

Note: Refer to supplemental data P14.

HEAVY LIFT

LIFTING CAPACITIES

Luffing Jib Lifting Capacities											
											Unit: lbs
Counterweight: 396,800 lbs, Carbody weight: 110,200 lbs, HL mast point radius: 52.5 ft											
118' Boom											
Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib		Load Radius (ft)
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		
	86	76	86	76	86	76	86	76	86	76	
47.2	440,900 *	197,900	274,500	132,600	221,600	104,200	165,500 *	161,900 *	140,600 *	75,100	47.2
50	419,900 *										50
55	381,400 *										55
60	345,600 *										60
65	314,800 *										65
70	289,400 *										70
75	267,200 *										75
80	247,400 *										80
85	228,600 *										85
90	212,800 *										90
95	198,500 *										95
100	173,000										100
110	153,300										110
120	144,500										120
130	130,400										130
140	118,300										140
150	108,200 *										150
160	91,000										160
170		170									
180		180									
190		190									
200		200									
210		210									
220		220									
230		230									
240		240									
250		250									
260		260									
138' Boom											
Load Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib		Load Radius (ft)
	Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		Boom Angle (deg.)		
	86	76	86	76	86	76	86	76	86	76	
55	371,200 *	180,600	247,900	116,200	207,000 *	101,200	163,700 *	160,400 *	133,900 *	72,500	55
60	339,400 *										60
65	312,000 *										65
70	287,100 *										70
75	265,100 *										75
80	245,600 *										80
85	227,500 *										85
90	211,700 *										90
95	197,500 *										95
100	169,300										100
110	149,800										110
120	134,300										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									

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

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

177' Boom

Load Radius Radius (ft)	79' Jib		138' Jib		177' Jib		217' Jib		236' Jib		Load Radius 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		108,600		79,000		67,200		58,900	60					
65	292,200													65		
70	271,700													70		
75	253,600		232,300 *											75		
80	237,600		217,600 *											80		
85	223,500		204,700 *											85		
90	209,000 *		193,100		173,900 *									90		
95	195,300 *		182,700		169,600 *						137,700 *			95		
100			173,300		164,200 *						135,400 *		120,800 *	100		
110			142,200		156,600						130,200 *		117,100 *	110		
120			127,200		141,300						124,400 *		112,900 *	120		
130					127,600				124,200		116,600 *		108,300 *	130		
140					115,700		99,000		113,700		107,400		103,100 *	140		
150					105,800 *		90,100		103,800 *		99,000		96,300 *	150		
160							82,700		95,300 *		91,700		89,200	160		
170							76,200		87,800 *		73,400	85,000 *	67,200	82,700	170	
180							70,400		81,200 *		67,900	78,800 *	62,300	76,700	58,900	180
190							65,400		75,500 *		62,700	72,900 *	57,600	71,500	55,400	190
200											58,300	67,800 *	53,600	66,600	51,400	200
210											54,300	63,200 *	49,900	62,100 *	47,700	210
220							59,000 *	46,500	57,900 *	44,300	220					
230								43,500	54,100 *	41,300	230					
240								40,800	50,700 *	38,400	240					
250								38,400 *		36,000	250					
260										33,700	260					
270										31,500	270					
280										29,900	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 * 74,000 68,400 63,300 58,700 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 * 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	79,400 73,900 68,900 64,500 60,500 56,800 *	52,600 48,400 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.

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.

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

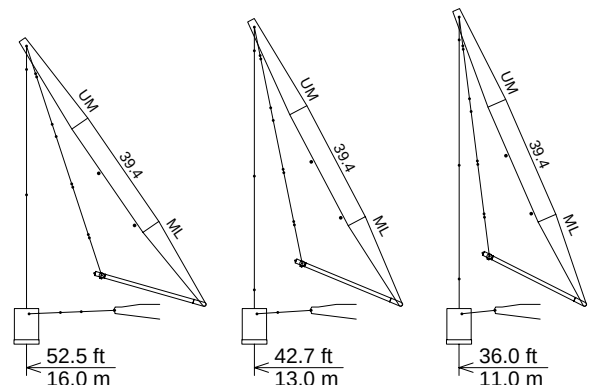
Jib length ft (m)	Jib arrangement
79 (24)	
98 (30)	※
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※
217 (66)	※
236 (72)	※
256 (78)	
276 (84)	※

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

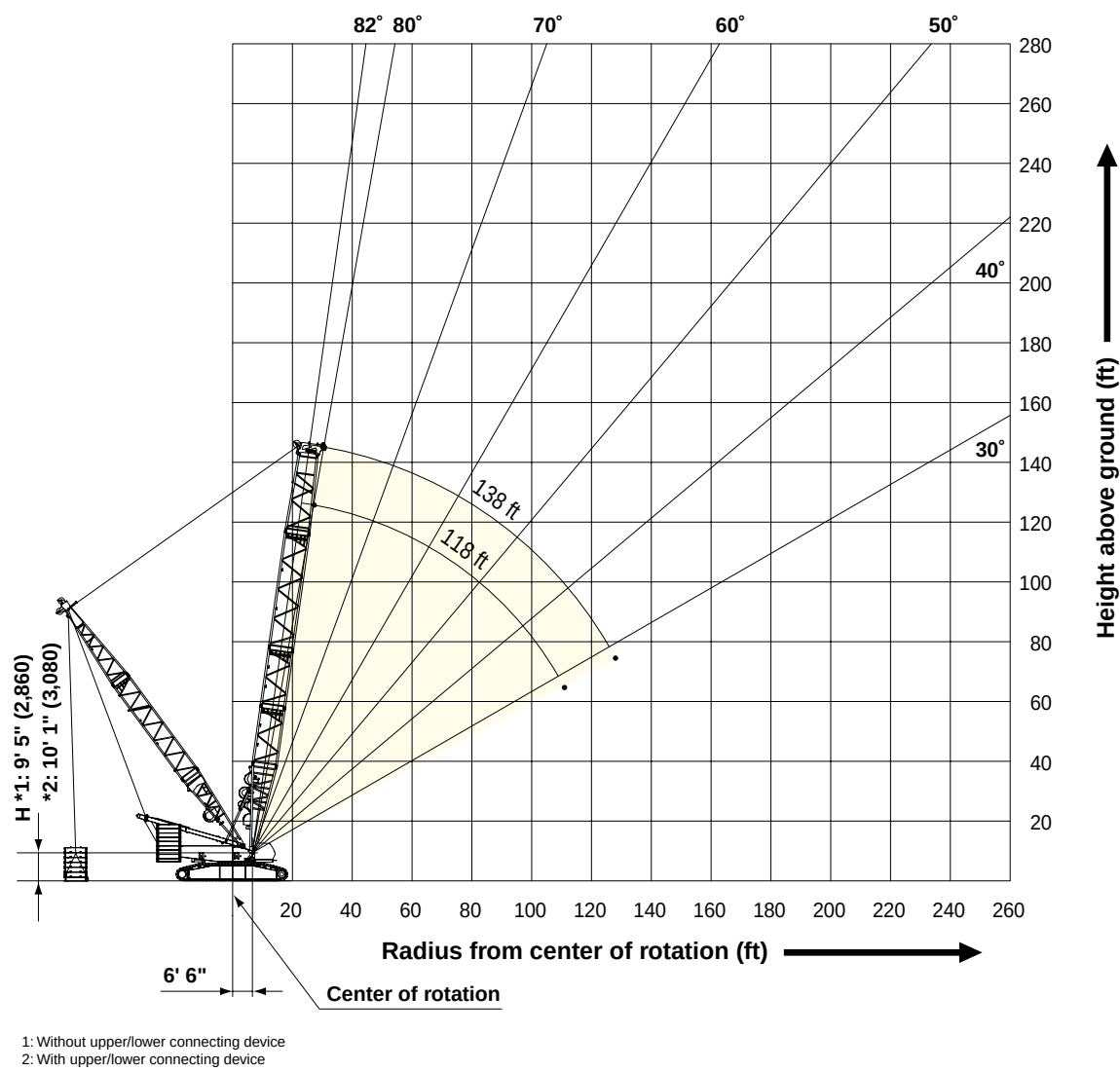


Symbol	Mast Length	Remarks
	29.5 ft (9.0 m)	Mast Base
	39.4 ft (12.0 m)	Insert Mast
	29.5 ft (9.0 m)	Mast Top

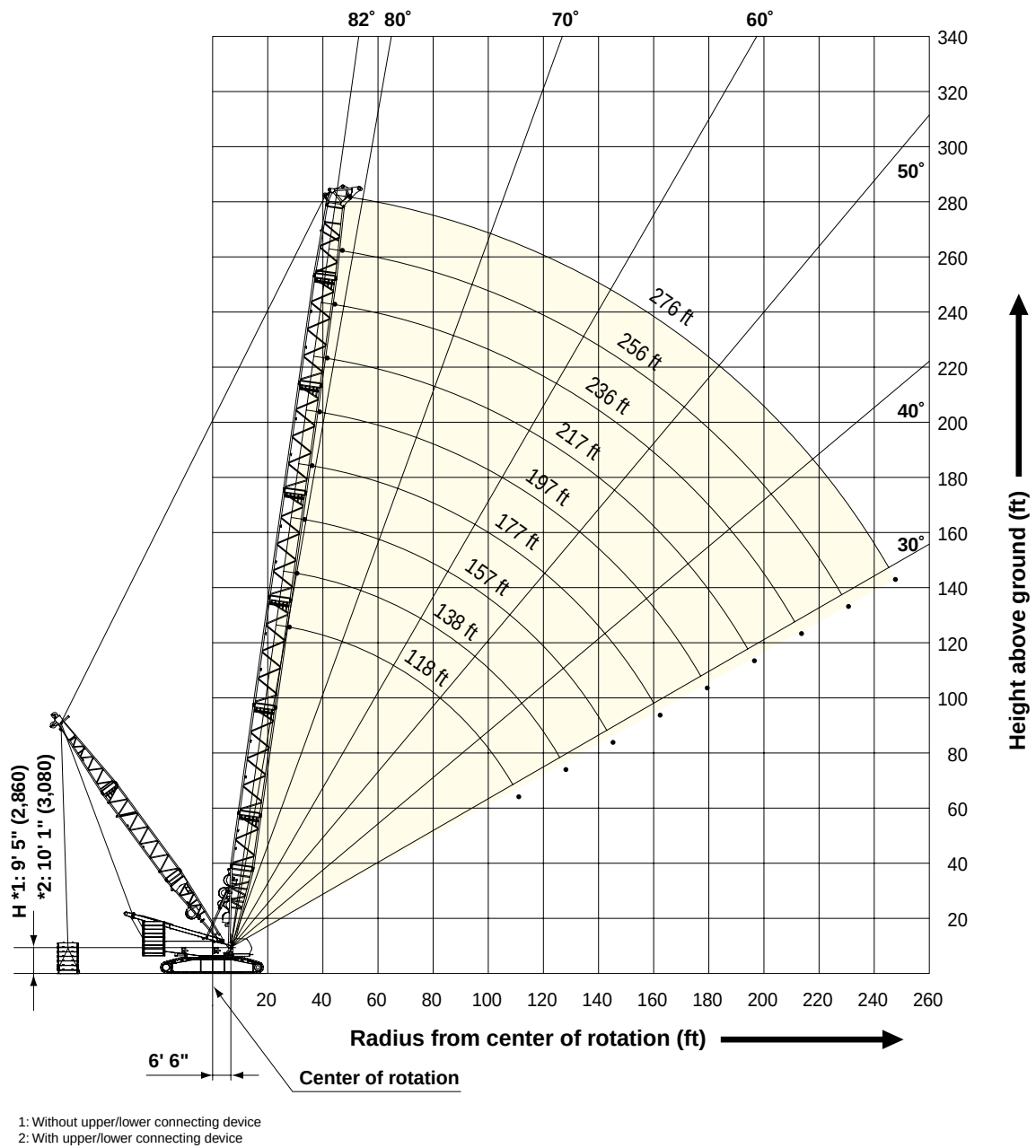
SUPER HEAVY LIFT

WORKING RANGES

Heavy Duty Crane Boom



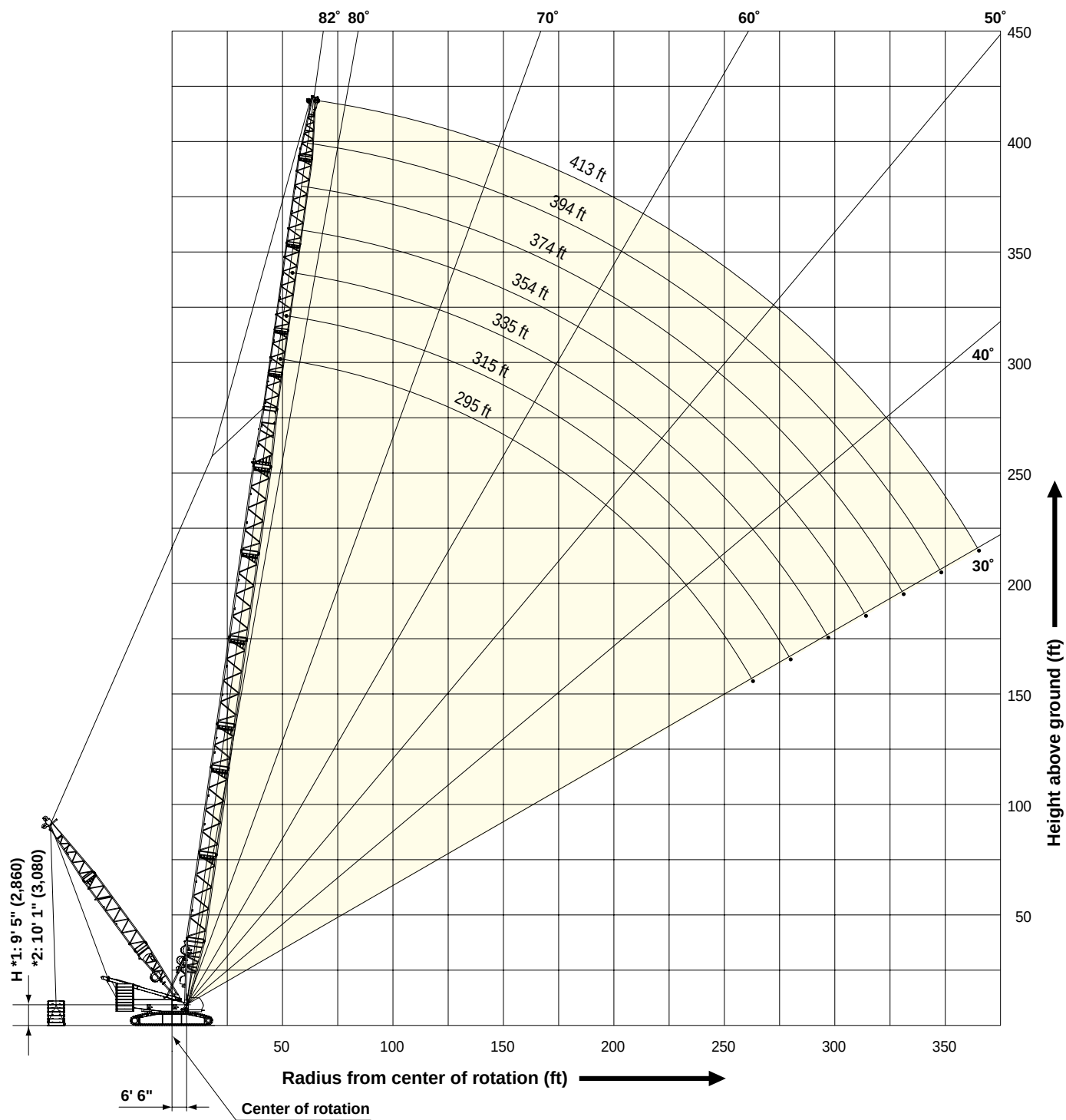
Luffing Boom



SUPER HEAVY LIFT

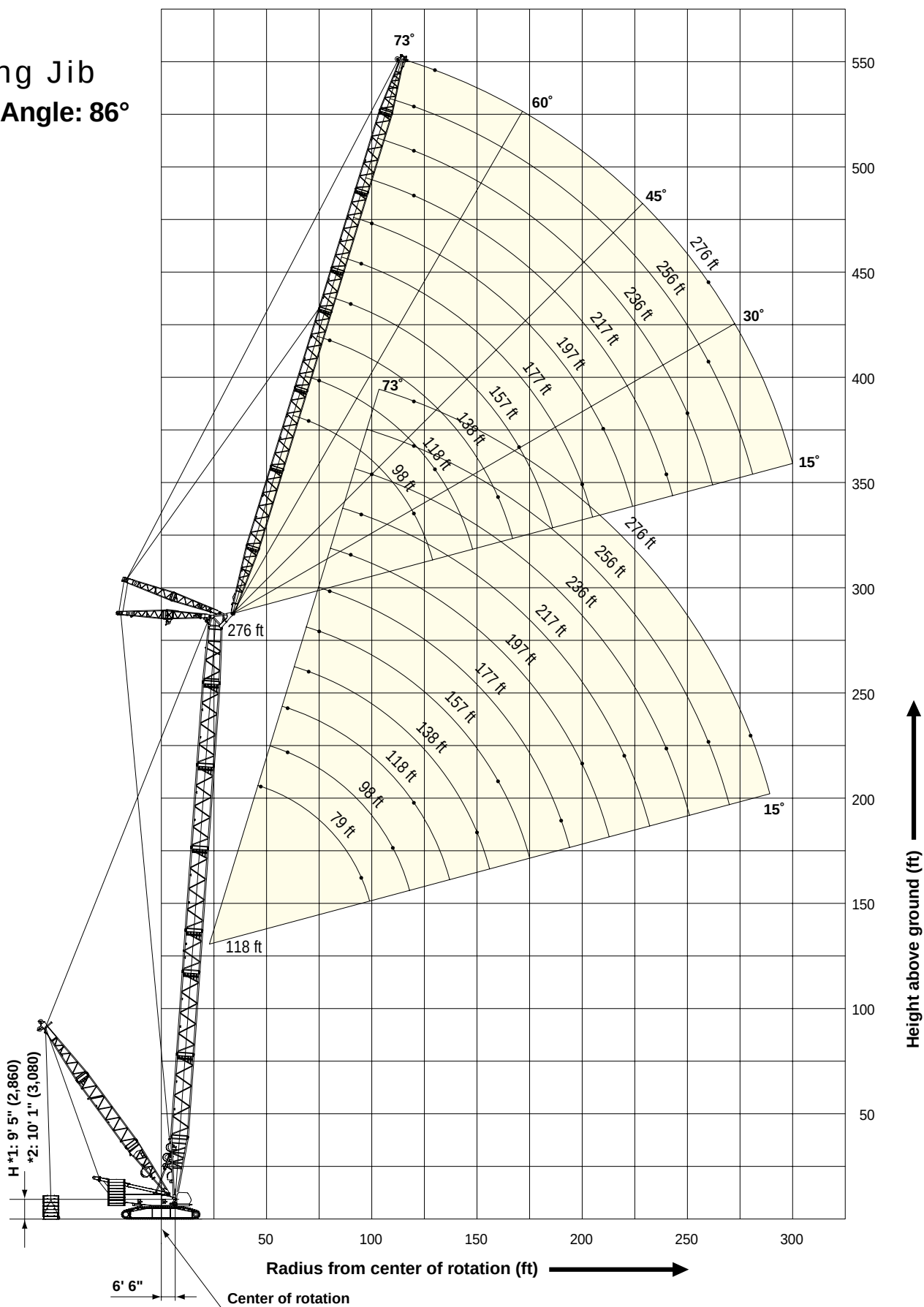
WORKING RANGES

Long Boom



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

Luffing Jib Boom Angle: 86°

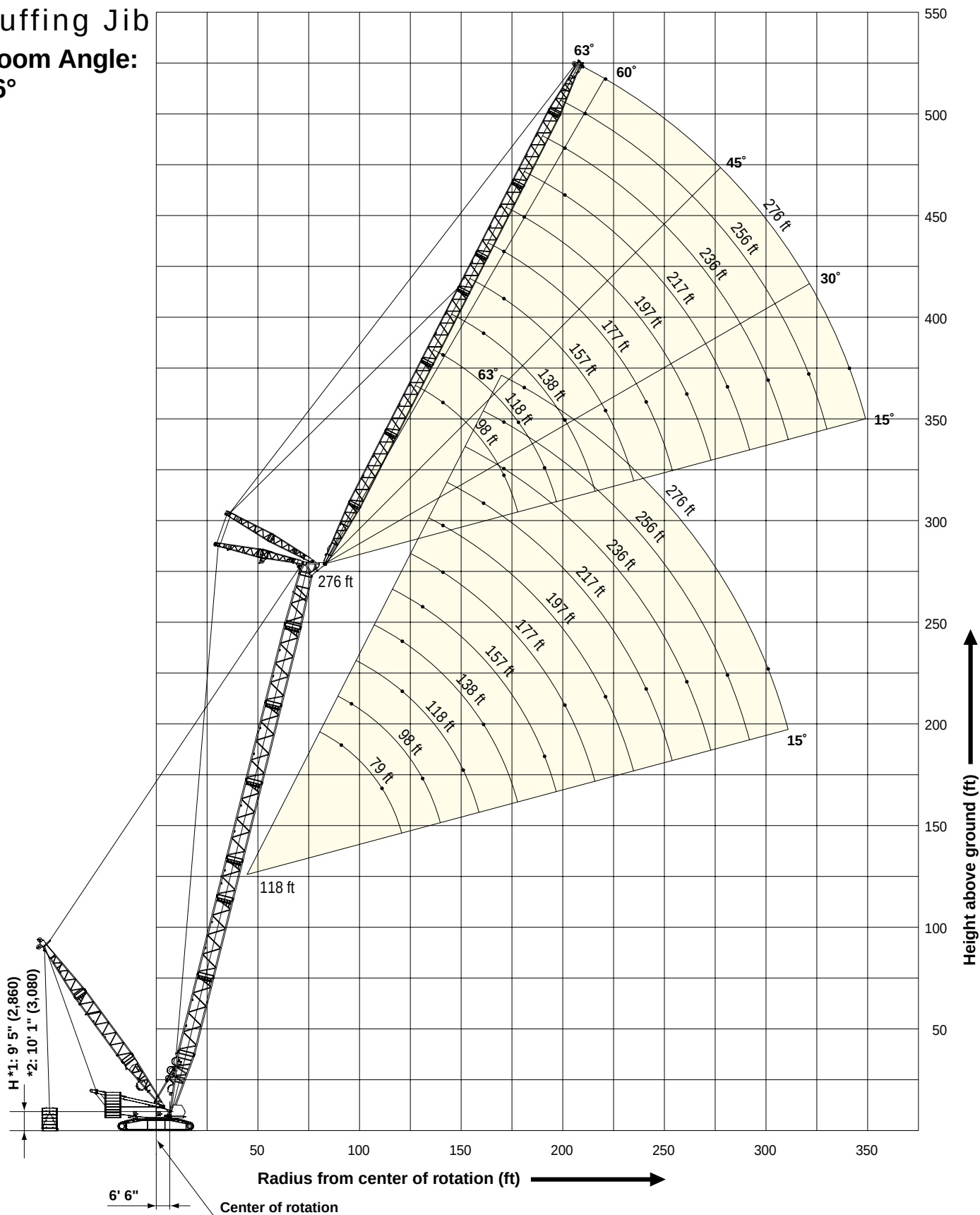


1: Without upper/lower connecting device
 2: With upper/lower connecting device

SUPER HEAVY LIFT

WORKING RANGES

Luffing Jib
Boom Angle:
76°



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

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.

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.

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.

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 *	185,500 *	174,000 *	174,000 *	165,500 *	151,700 *	118,300 *	104,900 *	84,800 *	47.2																																																													
50	419,900 *												276,900 *	222,800 *	174,000 *	174,000 *	149,700 *	150,600 *	112,600 *	84,500 *	50																																																					
55	390,200 *																				266,600 *	219,100 *	153,900 *	136,600 *	108,300 *	94,600 *	55																																															
60	371,700 *																										257,900 *	215,400 *	144,300 *	123,800 *	104,300 *	89,500 *	60																																									
65	361,400 *																																250,100 *	211,200 *	133,500 *	112,600 *	84,800 *	76,500 *	65																																			
70	352,400 *																																						243,200 *	206,400 *	174,900 *	159,400 *	132,200 *	103,300 *	76,100 *	70																												
75	346,000 *																																													231,800 *	196,000 *	164,300 *	149,700 *	132,200 *	103,300 *	76,100 *	75																					
80	338,700 *																																																				192,500 *	153,900 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	80														
85	322,600 *																																																											179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *	85							
90	295,600 *																																																																		133,500 *	119,700 *	106,100 *	97,500 *	88,900 *	72,400 *	60,800 *	90
95	252,500 *	132,500 *	100,400 *	89,500 *	80,900 *	71,300 *	59,800 *	53,600 *	95																																																																	
100	312,000 *								144,800 *	192,500 *	153,900 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	100																																																									
110	280,800 *																179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *	76,500 *	110																																																	
120	209,500 *																								179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *	76,500 *																																										120
130	187,500 *																																179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *																																				84,800 *
140	167,000 *																																						179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *																													
150	144,800 *																																													179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *																						
160	160,300 *																																																				179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *															
170	180,300 *																																																											179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *								
180	200,300 *																																																																		179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *	
190	220,300 *	179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *																																																																		
200	240,300 *								179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *	76,500 *																																																										
210	260,300 *																179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *	76,500 *																																																		
220	280,300 *																								179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *	76,500 *																																										
230	300,300 *																																179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *																																				84,800 *
240	320,300 *																																						179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *																													
250	340,300 *																																													179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *																						
260	360,300 *																																																				179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *															
270	380,300 *																																																											179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *								
280	400,300 *																																																																		179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *	
290	420,300 *	179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *																																																																		
300	440,300 *								179,000 *	144,300 *	123,800 *	108,300 *	94,600 *	89,500 *	84,800 *	76,500 *																																																										

138' 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	
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 *		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 *												75	
80	332,100 *		258,700 *										80	
85	313,300 *		250,700 *		197,900 *								85	
90	296,300 *		242,300 *		194,200 *								90	
95	275,400 *		233,600 *		189,800 *								95	
100		320,000 *	225,000 *		185,400 *		146,900 *						100	
110		302,500 *	216,400 *		180,700 *		144,600 *						110	
120		272,100 *	199,600 *		171,000 *		139,400 *						120	
130		247,300 *	183,800 *		160,800 *		133,800 *		107,000 *		95,300 *		130	
140			169,200 *	219,200 *	150,800 *		127,800 *		103,700 *		93,000 *		140	
150			155,900 *	201,200 *	141,000 *	193,400 *	121,600 *		100,100 *		90,400 *		150	
160			144,100 *	185,900 *	131,500 *	181,400 *	115,200 *		96,400 *		87,500 *		160	
170				172,900 *	123,100 *	168,700 *	109,100 *		92,600 *		84,200 *		170	
180				161,200 *	115,100 *	157,100 *	102,800 *	150,400 *	88,700 *		81,200 *		180	
190					107,700 *	146,800 *	96,900 *	141,700 *	84,800 *	111,200 *	78,400 *		190	
200					101,100 *	137,600 *	92,000 *	132,500 *	81,000 *	108,100 *	75,200 *		200	
210						129,500 *	87,200 *	124,600 *	77,300 *	102,900 *	72,200 *	83,500 *	210	
220						122,200 *	82,500 *	117,200 *	73,700 *	98,000 *	69,200 *	80,000 *	220	
230							78,200 *	109,600 *	70,200 *	93,500 *	66,100 *	76,100 *	230	
240								100,900 *	66,900 *	89,300 *	63,100 *	72,400 *	240	
250								93,000 *	63,800 *	85,600 *	60,300 *	69,200 *	250	
260								85,600 *	60,900 *	82,100 *	56,700 *	66,000 *	260	
270									57,700 *	78,200 *	51,200 *	63,000 *	270	
280										73,700 *	43,600 *	60,300 *	280	
290										68,300 *	36,900 *	57,800 *	290	
300										63,200 *		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 *	118,900 *	110,900 *	164,800 *	106,300 *		90,000 *		82,400 *		150	
160				169,100 *	110,900 *		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.

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 *												60	
65	334,600 *												65	
70	317,200 *												70	
75	300,400 *												75	
80	284,300 *												80	
85	269,200 *												85	
90	255,300 *												90	
95	242,700 *												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	
290													290	
300													300	
310													310	
320													320	

217' Boom

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

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

LIFTING CAPACITIES

Unit: lbs

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

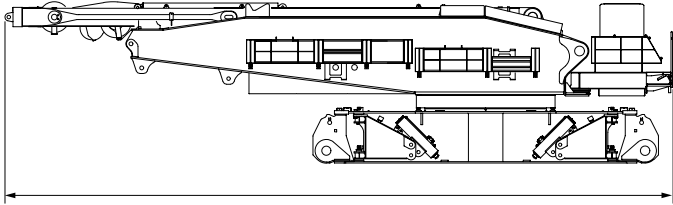
[illegible][illegible]

57

TRANSPORTATION PLAN

Base Machine

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

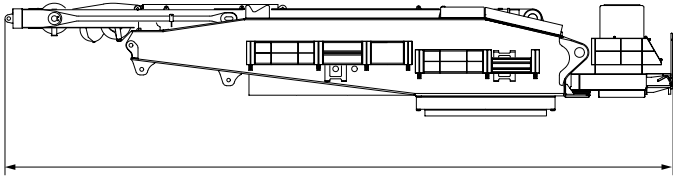


Technical drawing of the base machine with mast and lower transliﬀer. The drawing shows a side view of the machine with a long mast extending to the left. Dimension lines indicate the overall length and width of the machine.

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.



Technical drawing of the upper structure with mast and upper/lower connecting devices. The drawing shows a side view of the machine with a long mast extending to the left. Dimension lines indicate the overall length and width of the machine.

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

- Upper transliﬀer: 5,300 lbs
- Lower transliﬀer: 5,100 lbs
- Upper connecting device: 2,000 lbs
- Lower connecting device: 5,500 lbs

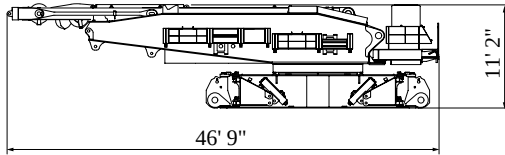
HYDRAULIC CRAWLER CRANE PARTS AND ATTACHMENTS

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

Base Machine

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

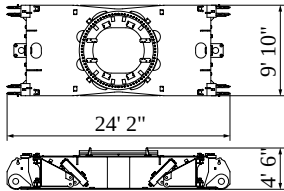
Weight: 141,000 lbs (64,000 kg) Width: 9' 10" (3,000 mm)



Carbody

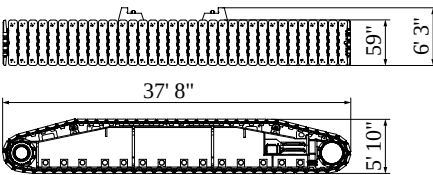
With upper/lower connecting devices.

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



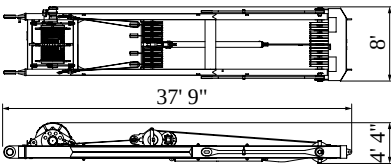
Crawler

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



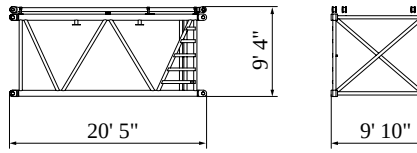
Crane Mast (Standard)

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



19.7 ft (6 m) Insert Boom

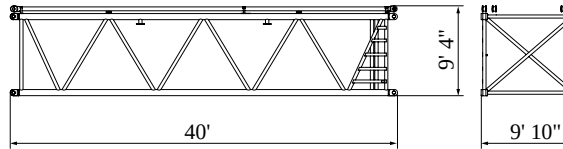
With 19.7 ft (6 m) guy line x 4
Weight: 8,300 lbs (3,760 kg)



39.4 ft (12 m) Insert Boom

With 39.4 ft (12 m) guy line x 4

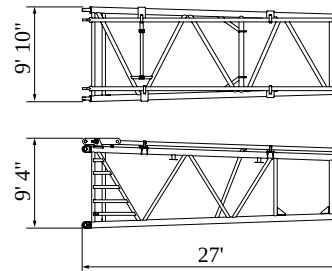
Weight: 14,500 lbs (6,570 kg)



26.2 ft (8 m) Tapered Boom

With 26.2 ft (8 m) guy line x 2

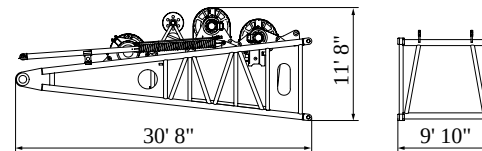
Weight: 11,400 lbs (5,150 kg)



29.5 ft (9 m) Boom Base

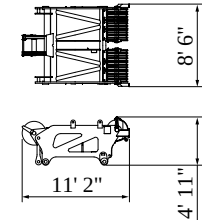
With H1, H2 and W2 winches including ropes, guide sheave, and boom backstop

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



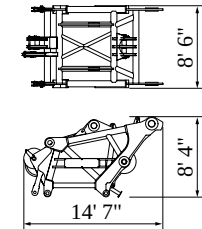
Heavy Boom Top

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



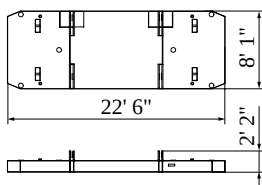
Luffing Boom Top

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



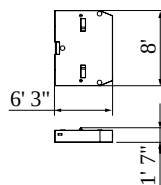
Base Counterweight

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



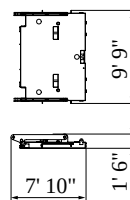
Counterweight

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



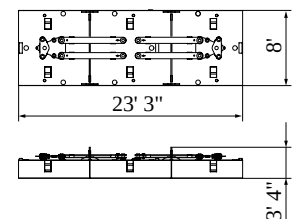
Base Carbody Weight

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



Base Pallet Weight

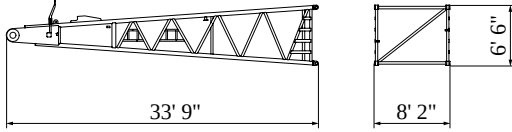
Weight: 24,300 lbs (11,000 kg)



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

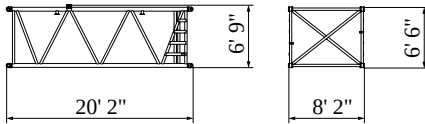
32.8 ft (10 m) Jib Base

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



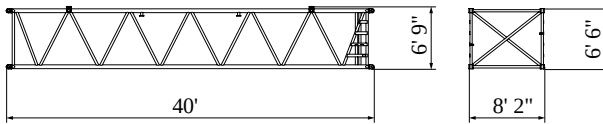
19.7 ft (6 m) Insert Jib

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



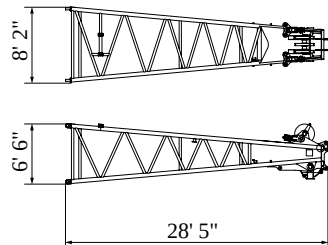
39.4 ft (12 m) Insert Jib

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



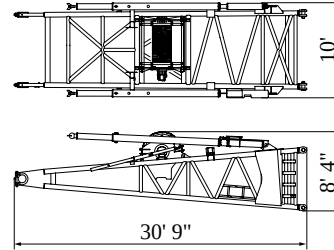
26.2 ft (8 m) Jib Top

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



29.5 ft (8 m) Mast Base

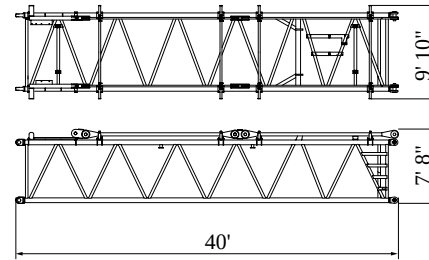
Weight: 30,200 lbs (13,700 kg)



39.4 ft (12 m) Insert Mast

With guy line

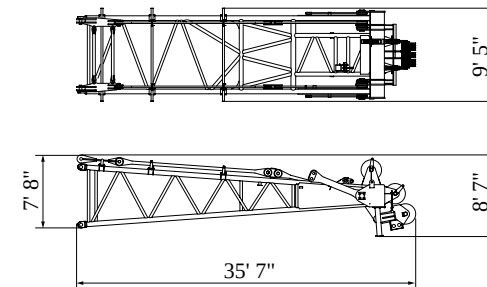
Weight: 12,500 lbs (5,650 kg)



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.

Copyright by KOBELCO CRANES CO., LTD. No part of this catalog may be reproduced in any manner without notice.

KOBELCO CRANES CO., LTD.

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

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

KOBELCO is the corporate mark used by Kobe Steel on a variety of products and in the names of a number of Kobe Steel Group companies.

KOBELCO CRANES NORTH AMERICA, INC.

10845 Train Court, Houston, Texas 77041, U.S.A

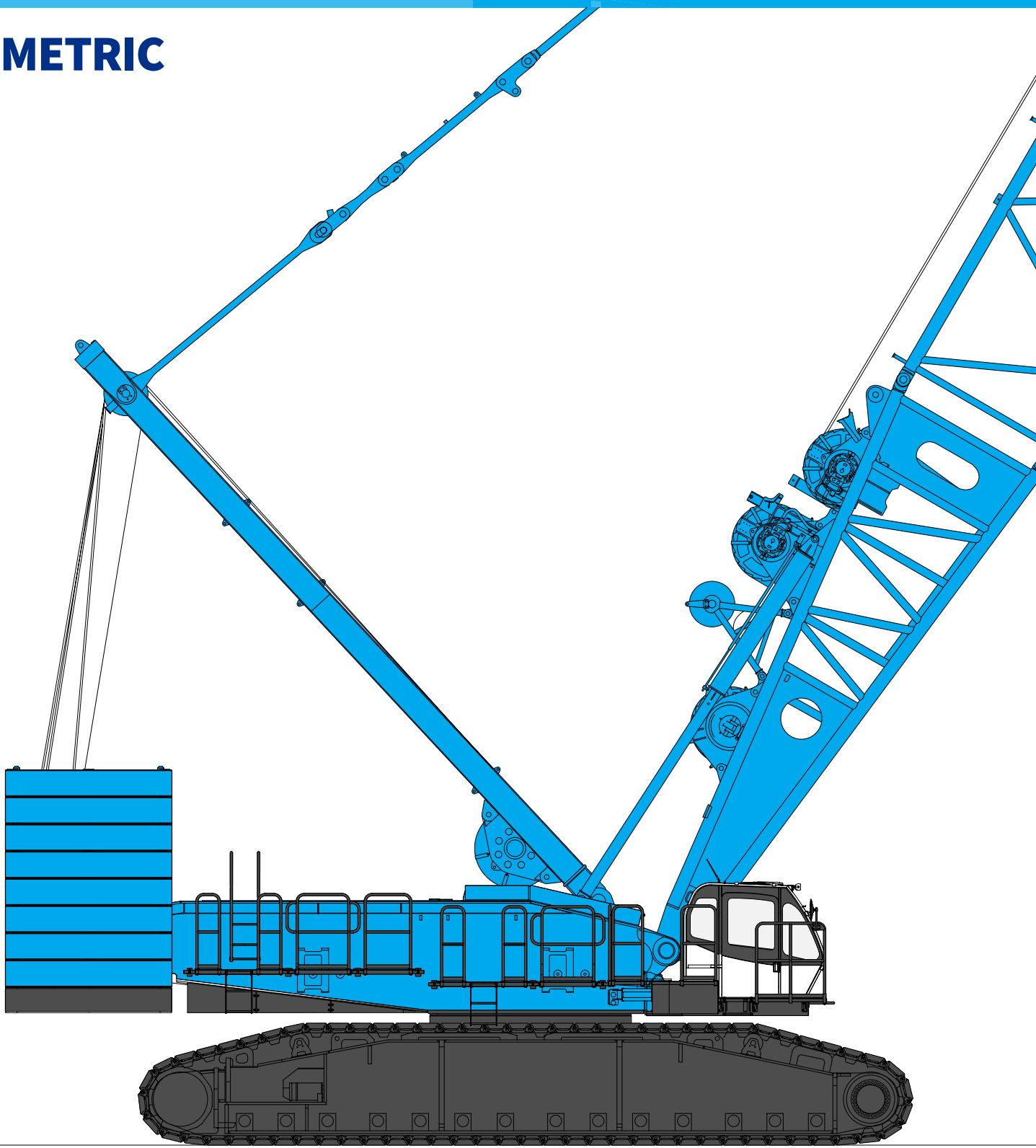
Tel: +1-713-856-5755 Fax: +1-713-856-9072

KOBELCO

HYDRAULIC CRAWLER CRANE ***SL6000***

Model: SL6000

METRIC



Max. Lifting Capacity: 550 ton x 8.3 m
Max. Crane Boom Length: 126 m
Max. Luffing Jib Combination: 84 m + 84 m

CONFIGURATION

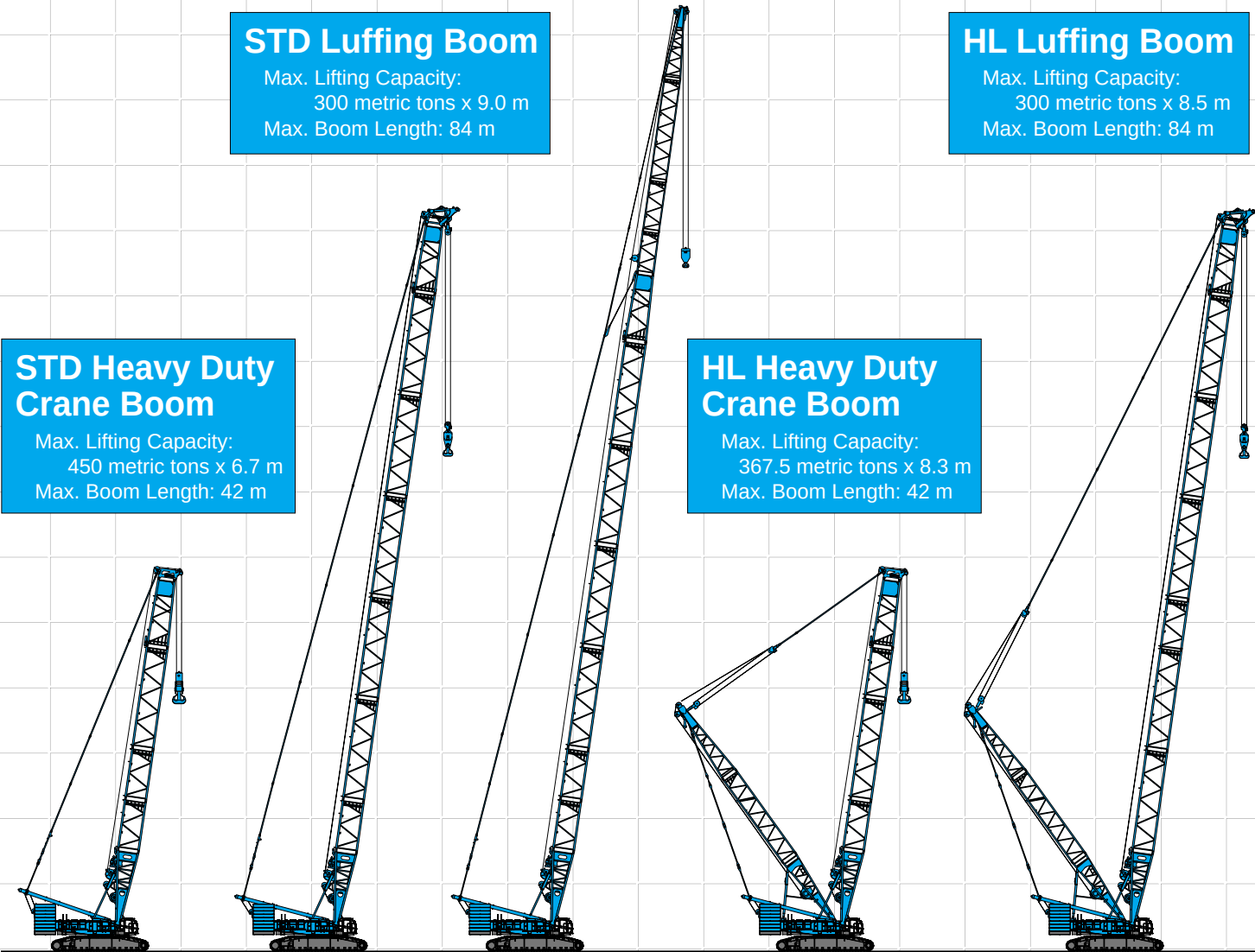
STD Long Boom
Max. Lifting Capacity:
98 metric tons x 15 m
Max. Boom Length: 108 m

STD Luffing Boom
Max. Lifting Capacity:
300 metric tons x 9.0 m
Max. Boom Length: 84 m

HL Luffing Boom
Max. Lifting Capacity:
300 metric tons x 8.5 m
Max. Boom Length: 84 m

**STD Heavy Duty
Crane Boom**
Max. Lifting Capacity:
450 metric tons x 6.7 m
Max. Boom Length: 42 m

**HL Heavy Duty
Crane Boom**
Max. Lifting Capacity:
367.5 metric tons x 8.3 m
Max. Boom Length: 42 m

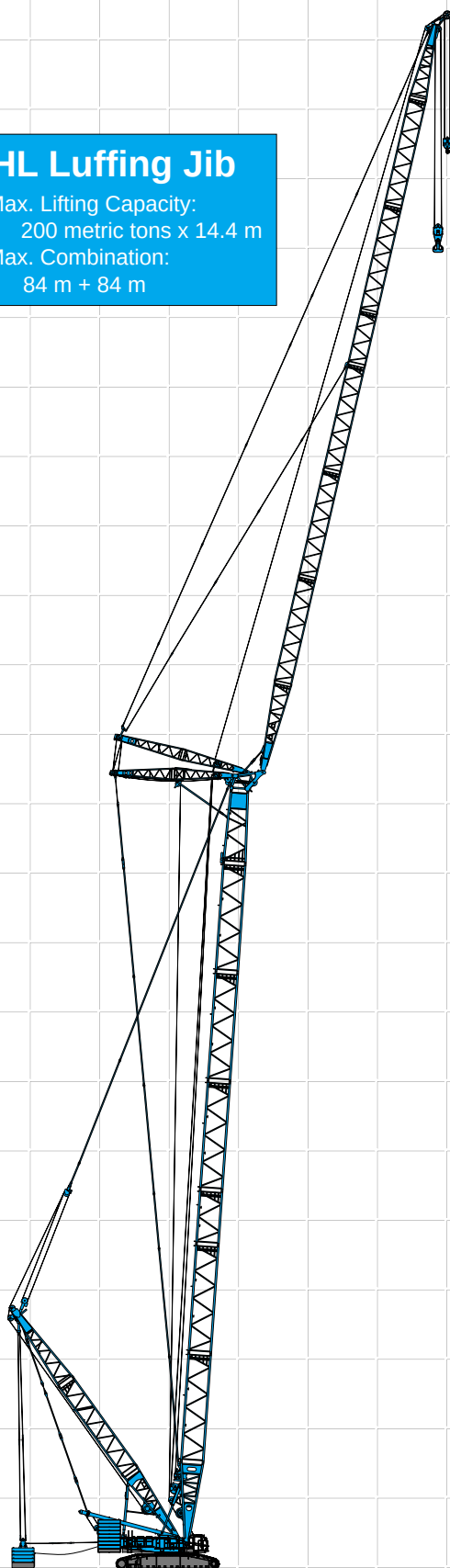
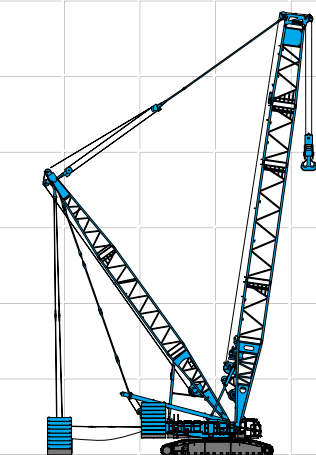


SHL Luffing Jib

Max. Lifting Capacity:
200 metric tons x 14.4 m
Max. Combination:
84 m + 84 m

SHL Heavy Duty Crane Boom

Max. Lifting Capacity:
550 metric tons x 8.3 m
Max. Boom Length: 42 m



CONTENTS

Configuration	1
Specifications	3
General Dimensions	5

STANDARD

Boom and Jib Arrangements	7
Working Ranges	9
Crane Boom Supplemental Data	16
Luffing Jib Supplemental Data	17
Heavy Duty Crane Boom Lifting Capacities	19
Luffing Boom Lifting Capacities	19
Long Boom Lifting Capacities	19
Luffing Jib Lifting Capacities	20

HEAVY LIFT

Boom and Jib Arrangements	23
Working Ranges	25
Heavy Duty Crane Boom Lifting Capacities	31
Long Boom Lifting Capacities	31
Luffing Boom Lifting Capacities	32
Luffing Jib Lifting Capacities	33

SUPER HEAVY LIFT

Boom and Jib Arrangements	37
Working Ranges	39
Heavy Duty Crane Boom Lifting Capacities	45
Long Boom Lifting Capacities	45
Luffing Boom Lifting Capacities	46
Luffing Jib Lifting Capacities	47

Transportation Plan	53
Parts and Attachments	55

SPECIFICATIONS



Power Plant

Model: Hino diesel engine E13C-UV

Type: Water-cooled, direct fuel injection, with turbocharger
Complies with US EPA Tier III.

Displacement: 12.913 liters

Rated Power: 320 kW/2,000 min⁻¹

Max. torque: 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: 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: 31.9 MPa {325 kgf/cm²}

Reservoir capacity: 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: 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:

640 mm P.C.D. x 1,367.1 mm Lg. wide drum, grooved for 28 mm wire rope. Rope capacity is 830 m working length and 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: 110 ~ 3 m/min

Single line on the first layer

Rated line pull: 137 kN {14.0 tf}



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 min⁻¹ {rpm}



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



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): 1,500 mm wide each crawler

Max. travel speed: 1.0/0.4 km/h

Max. gradeability: 20%



Weight

Including base machine, counterweights = 180 t, carbody weights = 50 t, 24 m boom with heavy boom tip and 450 t hook block. Not include quick connection devise and upper transflifter.

Weight: 424 metric ton

Ground pressure: 136 kPa {1.4 kgf/cm²}



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	24 m	108 m
Luffing Jib	30 m + 24 m	60 m + 72 m
HEAVY LIFT		
Crane Boom	36 m	108 m
Luffing Jib	36 m + 24 m	66 m + 72 m
SUPER HEAVY LIFT		
Crane Boom	36 m	126 m
Luffing Jib	36 m + 24 m	84 m + 84 m

Main Specifications (Model: SL6000)

Lift Enhancer	STD	HL	SHL
HL Mast	-	30 m	30 m
Additional Weight	-	-	~250 t
Heavy Duty Crane Boom			
Max. Lifting Capacity	450 t	367.5 t	550 t
	6.7 m		
Length	24 ~ 42 m	36 ~ 42 m	36 ~ 42 m
Crane Boom			
Max. Lifting Capacity	300 t	300 t	300 t
	9 m		
Length	30 ~ 84 m	36 ~ 84 m	36 ~ 84 m
Long Boom			
Length	90 ~ 108 m	90 ~ 108 m	90 ~ 126 m
Luffing Jib			
Max. Lifting Capacity	184 t	200 t	200 t
Max. Combination (Boom) (Jib)	60 m	66 m	84 m
	72 m	72 m	84 m
Luffing Angle	66° ~ 86°		
Power Plant			
Model	Hino E13C-UV		
Engine Output	320 kW/2,000 min ⁻¹ {rpm}		
Fuel Tank Capacity	600 liters		

Hoist Winch (H1, H2)

Max. Line Speed	110 m/min (1st layer)
Rated Line Pull (Single line)	137 kN {14.0 tf}
Wire Rope Diameter	28 mm
Wire Rope Length	830 m

Working Speed

Swing	0.9 min ⁻¹ {rpm}
Travel	1.0/0.6 km/h

Hydraulic System

Pumps	6 variable displacement
Max. Pressure	31.9 MPa {325 kgf/cm ² }
Hydraulic Tank Capacity	710 liters

Weight

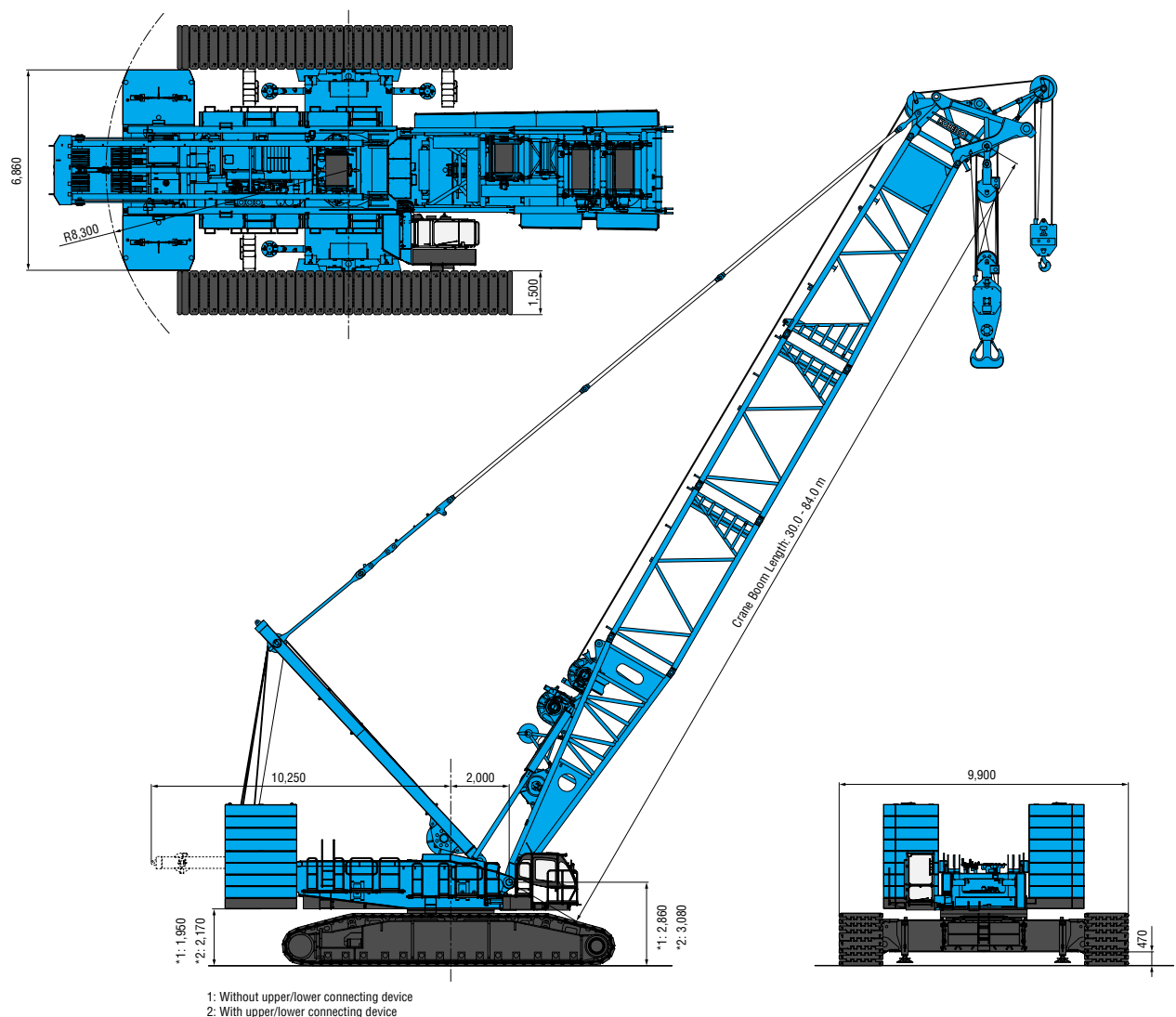
Working Weight*	Approx. 424 t
Ground Pressure*	136 kPa {1.4 kgf/cm ² }
Counterweight	Upper: 180 metric tons
	Lower: 50 metric tons

* Including base machine, counterweights = 180 metric ton, carbody weights = 50 metric ton, 24 m boom with heavy boom tip and 450 metric ton hook block. Not include quick connection device and upper transflifter.

GENERAL DIMENSIONS

Crane Boom

Unit: mm



Lift Enhancer

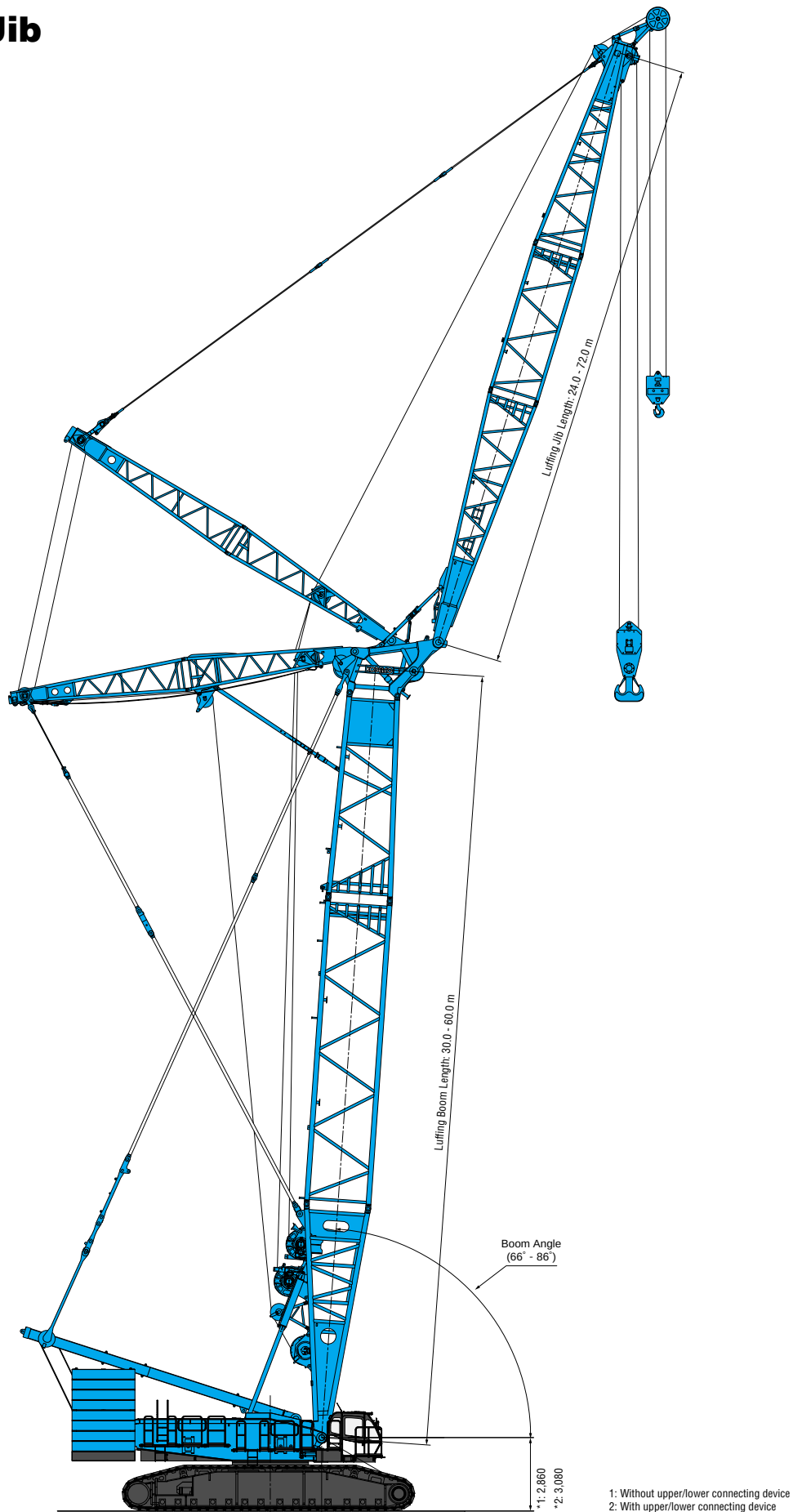


SHL CRANE

SHL LUFFING

Luffing Jib

Unit: mm



STANDARD

BOOM AND JIB ARRANGEMENTS

Heavy Duty Crane Boom Arrangements

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

Symbol	Boom Length	Remarks
	9.0 m (29.5 ft)	Boom Base
	8.0 m (26.2 ft)	Tapered Boom
	6.0 m (19.7 ft)	Insert Boom
	12.0 m (39.4 ft)	Insert Boom
	1.0 m (3.3 ft)	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 m (ft)	Boom arrangement
30 (98)	※
36 (118)	※
42 (138)	※
48 (157)	※
54 (177)	※
60 (197)	※
66 (217)	※
72 (236)	※
78 (256)	※
84 (276)	※

Symbol	Boom Length	Remarks
	9.0 m (29.5 ft)	Boom Base
	8.0 m (26.2 ft)	Tapered Boom
	6.0 m (19.7 ft)	Insert Boom
	12.0 m (39.4 ft)	Insert Boom
	1.0 m (3.3 ft)	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 m (ft)	Boom arrangement
90 (295)	
96 (315)	※
102 (335)	※
108 (354)	※

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

Luffing Boom Arrangements for Luffing

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

Symbol	Boom Length	Remarks
	9.0 m (29.5 ft)	Boom Base
	8.0 m (26.2 ft)	Tapered Boom
	6.0 m (19.7 ft)	Insert Boom
	12.0 m (39.4 ft)	Insert Boom
	1.0 m (3.3 ft)	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
24 (79)	
30 (98)	※
36 (118)	※
42 (138)	※
48 (157)	※
54 (177)	※
60 (197)	※
66 (217)	※
72 (236)	※

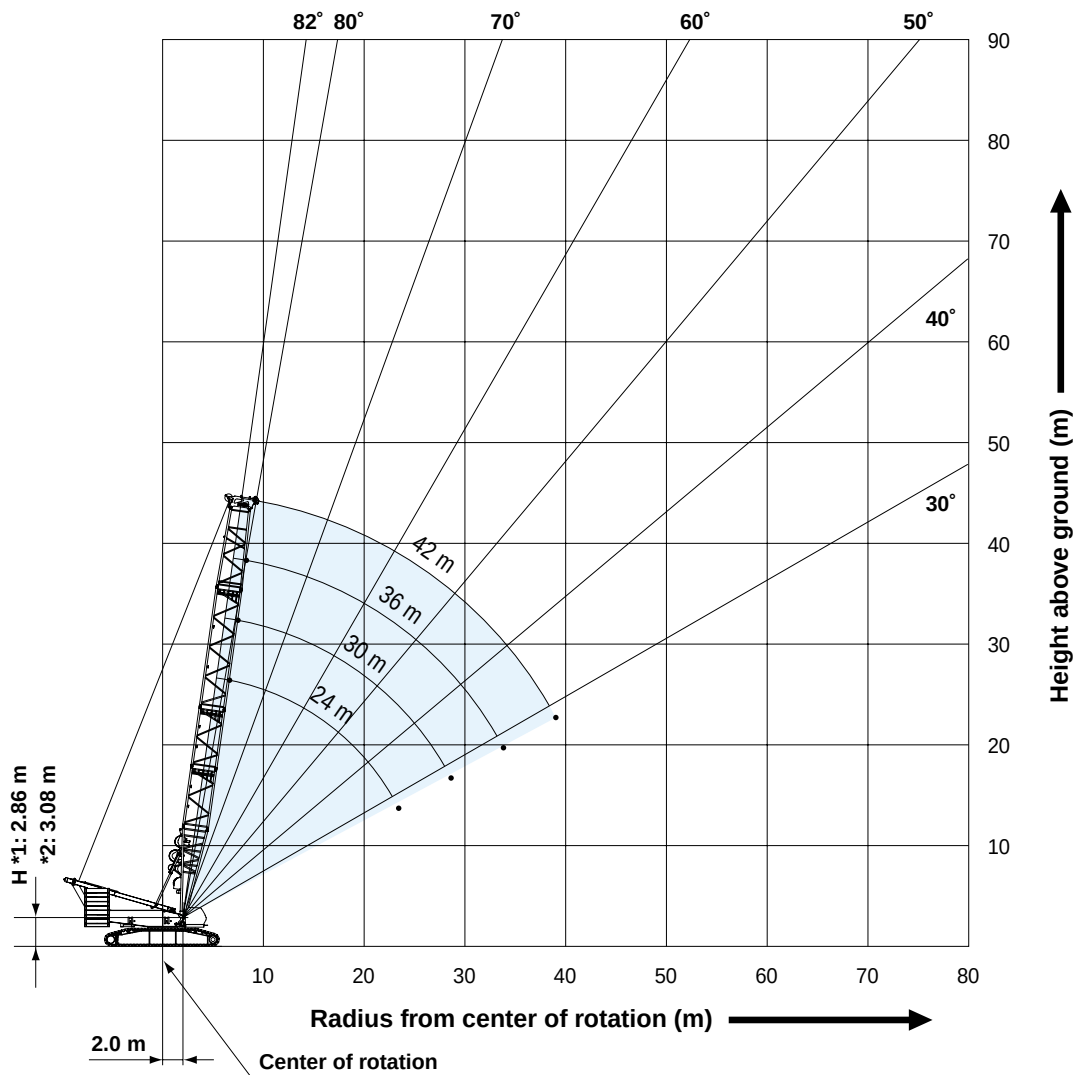
Symbol	Jib Length	Remarks
	10.0 m (32.8 ft)	Jib Base
	6.0 m (19.7 ft)	Luffing Insert Jib
	12.0 m (39.4 ft)	Luffing Insert Jib
	8.0 m (26.2 ft)	Jib Top

↗ 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.

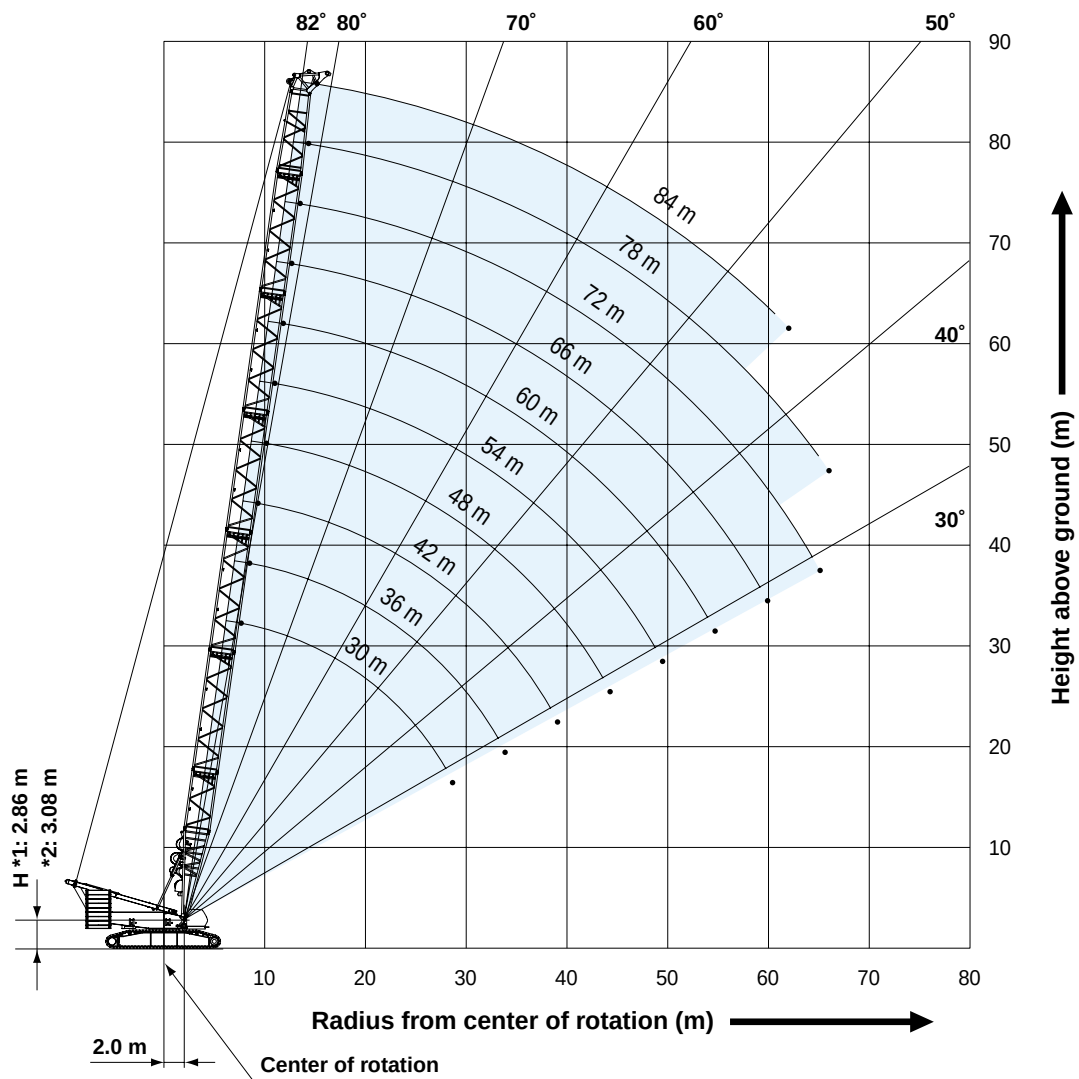
WORKING RANGES

Heavy Duty Crane Boom



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

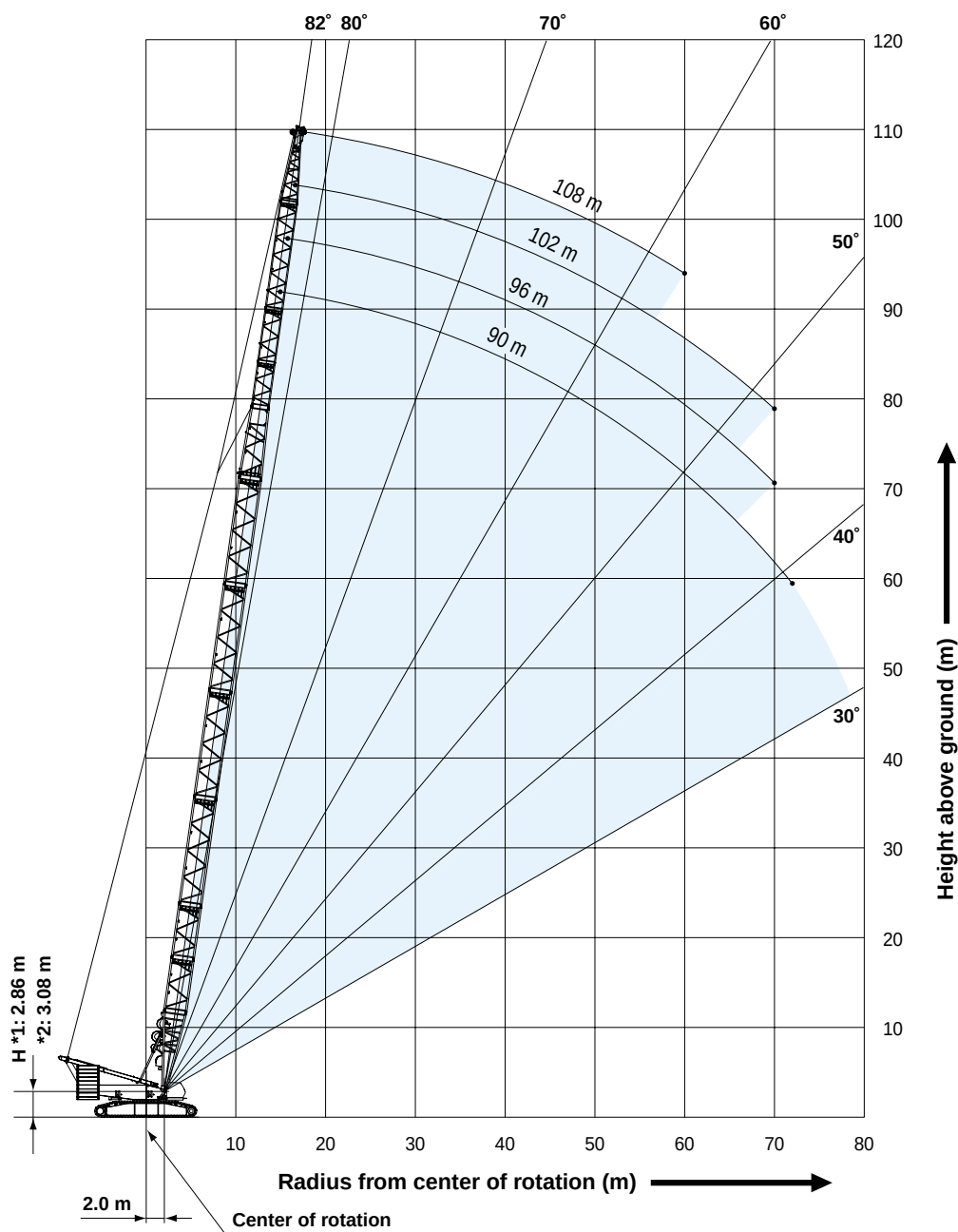
Luffing Boom



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

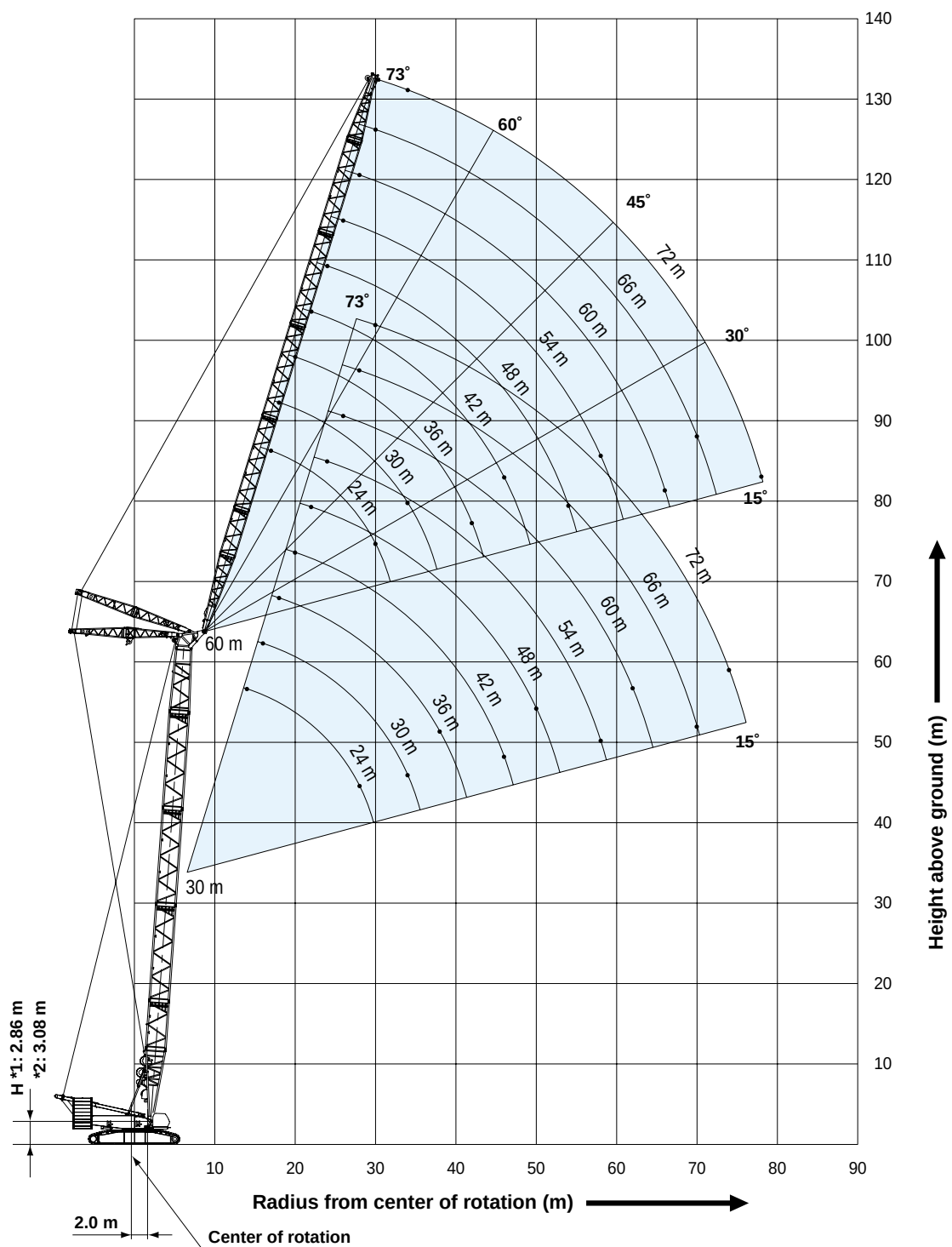
WORKING RANGES

Long Boom



Luffing Jib

Boom Angle: 86°

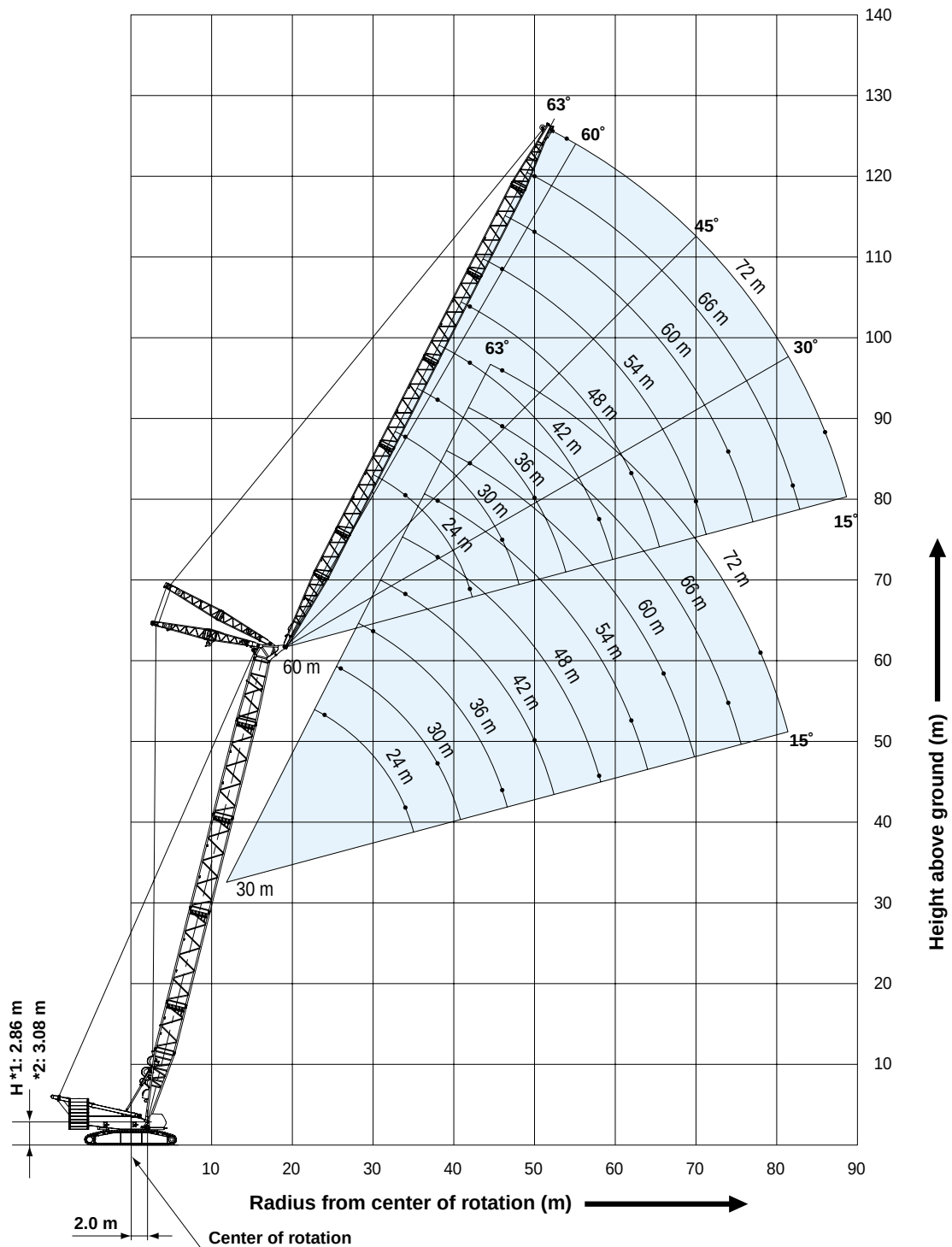


1: Without upper/lower connecting device
2: With upper/lower connecting device

WORKING RANGES

Luffing Jib

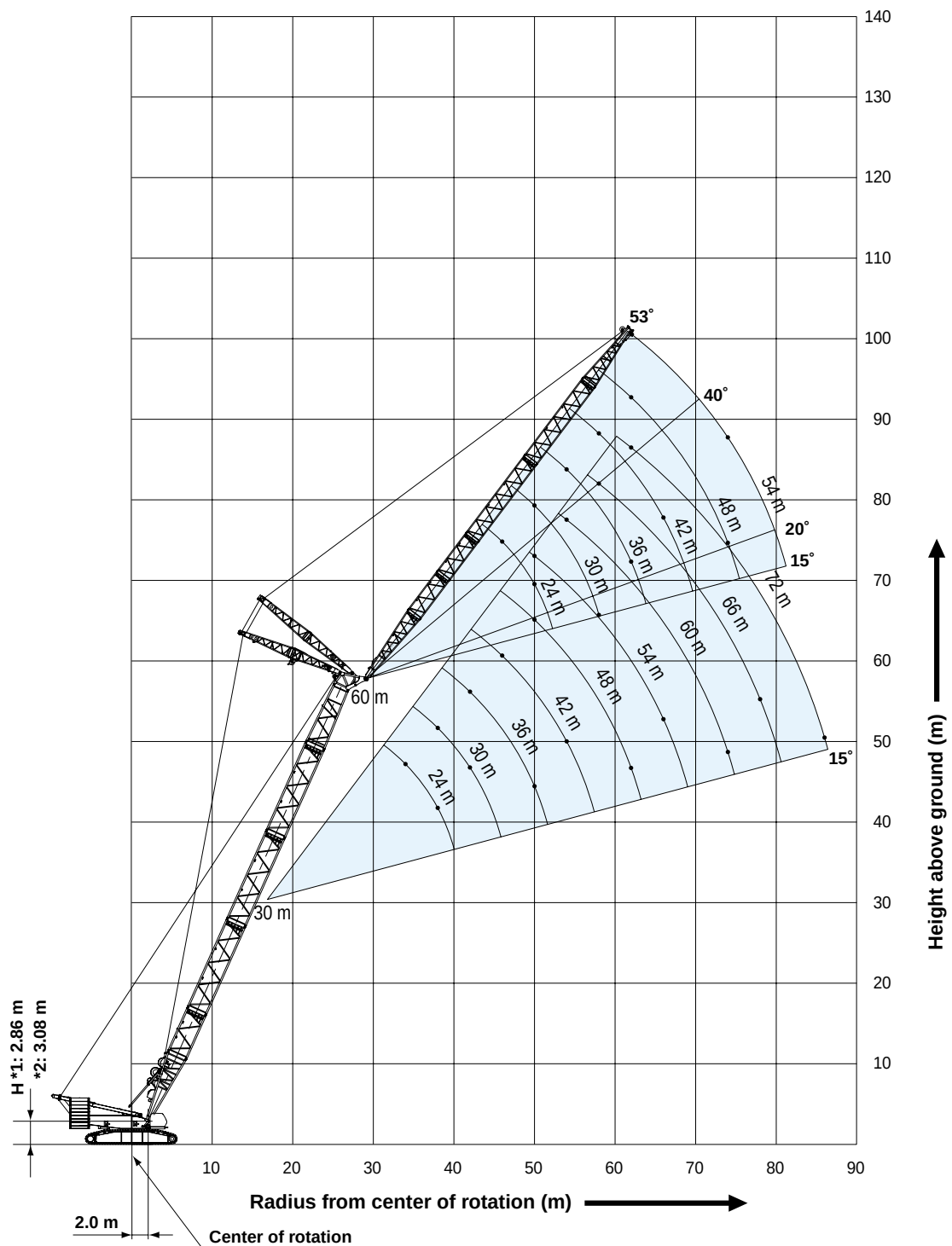
Boom Angle: 76°



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

Luffing Jib

Boom Angle: 66°



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

CRANE BOOM SUPPLEMENTAL DATA

1. Designed and rated to comply with EN13000.
2. Operating radius is the horizontal distance from centerline of rotation to a vertical line through the center of gravity of the load.
3. Deduct weight of hook blocks, slings and all other load handling accessories from main boom ratings shown.
4. Ratings shown are based on freely suspended loads and make no allowance for such factors as wind effect on lifted load, ground conditions, out-of-level operating speeds or any other condition that could be detrimental to the safe operation of this equipment. The operator, therefore, has the responsibility to judge the existing conditions and reduce lifted load and operating speeds accordingly.
5. Ratings are for operation on a firm and level surface, up to 1 % gradient.
6. At radii and boom lengths where no ratings are shown on chart, operation is not intended nor approved.
7. Boom inserts, guy pipe and guy lines must be arranged as shown in the "OPERATOR'S MANUAL".
8. Boom hoist reeving is 30 part line.
HL/SHL boom hoist reeving is 18 part line.
9. Boom backstops are required for all boom lengths.
10. The boom should be erected over the front of the crawlers, not laterally.
11. Ratings inside of boxes  are limited by strength of materials.
12. When erecting and lowering the boom length of 102 m or over, the blocks for erection must be placed at the end of the crawlers. (for STD MAST).
13. When erecting and lowering the boom length of 108 m, the blocks for erection must be placed at the end of the crawlers. (for HL MAST).
14. The minimum rated show below.

Minimum Rated Load		
Heavy Duty Crane	Standard Crane	Long Crane
-	7.7 ton	6.2 ton

15. (Main Boom Lifting)

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

16. (Main Boom Lifting with Auxiliary Sheave Frame)

The total load that can be lifted is weight of auxiliary sheave frame, hook block(s), slings, and all other load handling accessories deducted from main boom ratings shown.

Deduction auxiliary sheave frame		
Heavy Duty Crane	Standard Crane	Long Crane
0.7 ton	0.7 ton	0.7 ton

17. (Auxiliary Sheave Lifting)

The total load that can be lifted is weight of auxiliary sheave frame, hook block(s), slings, and all other load handling accessories deducted from main boom ratings shown.

Deduction auxiliary sheave frame		
Heavy Duty Crane	Standard Crane	Long Crane
0.7 ton	0.7 ton	0.7 ton

18. Ratings shown, but it should not exceed 14.0 ton in case of one reeve, and it should not exceed 28.0 ton in case of two reeve.
19. Auxiliary sheave ratings at any radius from center of rotation are the same as crane ratings shown in table for main boom when operated at the same radius. But maximum angle is the same main boom maximum angle.
20. Boom lengths for auxiliary sheave mounting show below.

	STD	HL	SHL
Heavy Crane	NONE	NONE	NONE

	STD	HL	SHL
STD Crane	30 m ~ 84 m	36 m ~ 84 m	36 m ~ 84 m

	STD	HL	SHL
Long Crane	90 m ~ 102 m	90 m ~ 108 m	90 m ~ 120 m

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

Main Hoist Loads (Single Drum)

No. of Parts of Line	1	2	3	4	5
Maximum Loads (t)	14.0	28.0	42.0	56.0	70.0
No. of Parts of Line	6	7	8	9	10
Maximum Loads (t)	84.0	98.0	112.0	126.0	140.0
No. of Parts of Line	11	12	13	14	15
Maximum Loads (t)	152.0	164.0	174.0	184.0	192.0
No. of Parts of Line	16				
Maximum Loads (t)	200.0				

Main Hoist Loads for Heavy Boom (Double Drum)

No. of Parts of Line	8	12	16	20	24	28
Maximum Loads (t)	112.0	164.0	220.0	280.0	336.0	370.0
No. of Parts of Line	36	44				
Maximum Loads (t)	450.0	550.0				

Main Hoist Loads for Standard Boom (Double Drum)

No. of Parts of Line	8	12	16	20	24
Maximum Loads (t)	112.0	164.0	220.0	280.0	300.0

Auxiliary Hoist Loads

No. of Parts of Line	1	2
Maximum Loads (tons)	14.0	28.0

22. Weight of hook block

Weight of hook block				
Hook block	550/450 ton	300 ton (with hanger sheave)	200 ton (w/o hanger sheave)	120 ton
Weight (t)	11.7	9.9 (*1)	7.1 (*2)	4.5

Weight of hook block			
Hook block	70 ton	40 ton	14 ton Ball hook
Weight (t)	3.1	2.0	0.9

*1: 6.82 ton: when hanger sheave is not equipped.

*2: To reeve 11 parts of line or over, the hanger sheave (2 ton) is required.

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

LUFFING JIB SUPPLEMENTAL DATA

1. Designed and rated to comply with EN13000.
2. Operating radius is the horizontal distance from centerline of rotation to a vertical line through the center of gravity of the load.
3. Deduct weight of hook blocks, slings and all other load handling accessories from luffing jib ratings shown.
4. Ratings shown are based on freely suspended loads and make no allowance for such factors as wind effect on lifted load, ground conditions, out-of-level operating speeds or any other condition that could be detrimental to the safe operation of this equipment. The operator, therefore, has the responsibility to judge the existing conditions and reduce lifted load and operating speeds accordingly.
5. Ratings are for operation on a firm and level surface, up to 1 % gradient.
6. At radii and boom lengths where no ratings are shown on chart, operation is not intended nor approved.
7. Boom and jib inserts and guy lines must be arranged as shown in the "OPERATOR'S MANUAL".
8. Boom hoist reeving is 30 part line.
HL/SHL boom hoist reeving is 18 part line.
Jib hoist reeving is 18 part line.
9. Boom and jib backstops are required for all boom lengths.
10. The boom should be erected over the front of crawlers, not laterally.
11. Ratings inside of boxes ☐ are limited by strength of materials.
12. When erecting and lowering the boom length of 54 m or over, the blocks for erection must be placed at the end of the crawlers. (for STD MAST).
13. The minimum rated load is 4.0 ton.
14. **(Luffing Jib Rating Loads)**
The total load that can be lifted is the value for weight of hook block, slings, and all other loads handling accessories deducted from luffing jib ratings shown.
15. **(Luffing Jib Lifting with Auxiliary Sheave Frame)**
The total load that can be lifted is the weight of hook block, slings, and all other loads handling accessories deducted from luffing jib ratings shown.
16. **(Auxiliary Sheave Lifting)**
The total load that can be lifted over an auxiliary sheave is weight of hook block, slings, and all other loads handling accessories deducted from luffing jib ratings shown, but it should not exceed 14.0 ton in case of one reeve.
It should not exceed 28.0 ton in case of two reeves.
Boom and jib combinations for auxiliary sheave mounting are all boom and jib combinations.
Auxiliary sheave ratings at any radius from center of rotation are the same as luffing ratings shown in table for jib when operated at the same radius.
But maximum angle is the same jib maximum angle.

17. Luffing boom and jib combinations.

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

- × : 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.

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

Jib Hook Loads (Single Drum)

No. of Parts of Line	1	2	3	4	5
Maximum Loads (t)	14.0	28.0	42.0	56.0	70.0

No. of Parts of Line	6	7	8	9	10
Maximum Loads (t)	84.0	98.0	112.0	126.0	140.0

No. of Parts of Line	11	12	13	14	15
Maximum Loads (t)	152.0	164.0	174.0	184.0	192.0

No. of Parts of Line	16
Maximum Loads (t)	200.0

Jib Hook (Double Drum)

No. of Parts of Line	8	12	16
Maximum Loads (t)	112.0	164.0	200.0

Auxiliary Sheave

No. of Parts of Line	1	2
Maximum Loads (t)	14.0	28.0

Weight of hook block					
Hook block	200 ton	120 ton	70 ton	40 ton	14 ton Ball Hook
Weight (t)	7.05	4.5	3.1	2.0	0.9

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

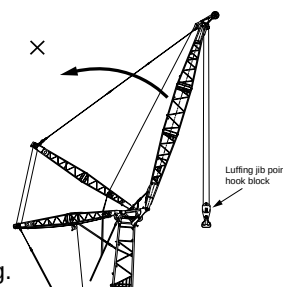
- (1) The self-weight of luffing jib point hook block must be heavier than or equal to the table below.
- (2) Total number of reeving parts of line on luffing jib point hook block must be larger than or equal to the table below.

Danger!

Follow the both (1) and (2) above at a 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	24 m (79 ft)	30 m (98 ft)	36 m (118 ft)	42 m (138 ft)	48 m (157 ft)	54 m (177 ft)	60 m (197 ft)	66 m (217 ft)	72 m (236 ft)	78 m (256 ft)	84 m (276 ft)
30 m (98 ft)	Hook Block Self-Weight (kg)	7,050	4,500	3,100	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	No. of Part Line	13	6	4	2	2	2	2	2	2	2	2
36 m (118 ft)	Hook Block Self-Weight (kg)	7,050	4,500	3,100	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	No. of Part Line	11	6	4	2	2	2	2	2	2	2	2
42 m (138 ft)	Hook Block Self-Weight (kg)	7,050	7,050	3,100	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	No. of Part Line	10	9	4	2	2	2	2	2	2	2	2
48 m (157 ft)	Hook Block Self-Weight (kg)	7,050	7,050	3,100	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	No. of Part Line	9	9	4	2	2	2	2	2	2	2	2
54 m (177 ft)	Hook Block Self-Weight (kg)	7,050	7,050	4,500	3,100	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	No. of Part Line	9	8	6	2	2	2	2	2	2	2	2
60 m (197 ft)	Hook Block Self-Weight (kg)	7,050	7,050	7,050	3,100	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	No. of Part Line	8	7	7	3	2	2	2	2	2	2	2
66 m (217 ft)	Hook Block Self-Weight (kg)	7,050	7,050	7,050	4,500	3,100	2,000	2,000	2,000	2,000	2,000	2,000
	No. of Part Line	7	7	6	2	2	2	2	2	2	2	2
72 m (236 ft)	Hook Block Self-Weight (kg)	7,050	7,050	7,050	4,500	3,100	2,000	2,000	2,000	2,000	2,000	2,000
	No. of Part Line	7	6	6	2	2	2	2	2	2	2	2
78 m (256 ft)	Hook Block Self-Weight (kg)			7,050	7,050	4,500	3,100	2,000	2,000	2,000	2,000	2,000
	No. of Part Line			6	5	2	2	2	2	2	2	2
84 m (276 ft)	Hook Block Self-Weight (kg)			7,050	7,050	4,500	3,100	2,000	2,000	2,000	2,000	2,000
	No. of Part Line			5	5	3	2	2	2	2	2	2

Weight of KOBELCO genuine hook block.

200 t hook block 7,050 kg
120 t hook block 4,500 kg

70 t hook block
40 t hook block

3,100 kg
2,000 kg

STANDARD

LIFTING CAPACITIES

Heavy Duty Crane Boom Lifting Capacities

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton

Working Radius (m)	Boom Length (m)	24.0	30.0	36.0	42.0	Boom Length (m)	Working Radius (m)
6.0	6.7 m/450.0					6.0	
7.0	425.0	7.5 m/390.0				7.0	
8.0	375.0	365.0	8.3 m/340.0			8.0	
9.0	330.0	325.0	322.0	9.2 m/311.7		9.0	
10.0	294.0	292.0	290.0	280.1		10.0	
12.0	233.3	232.8	232.1	225.0		12.0	
14.0	192.0	191.5	190.7	187.0		14.0	
16.0	158.7	158.8	158.9	158.6		16.0	
18.0	133.3	133.3	133.4	133.1		18.0	
20.0	114.4	114.4	114.3	114.0		20.0	
22.0	97.4	97.3	97.2	97.1		22.0	
24.0		87.0	86.9	86.4		24.0	
26.0		78.5	78.3	77.8		26.0	
28.0		70.7	70.4	69.8		28.0	
30.0		28.6 m/68.5	63.7	63.1		30.0	
34.0			33.8 m/53.5	52.4		34.0	
38.0				44.4		38.0	
42.0				39.0 m/42.6		42.0	
Reeves	36	36	28	24		Reeves	

Note:

Designed and rated to comply with EN13000 .

Ratings shown in are determined by the strength of the boom or other structural components.

Long Boom Lifting Capacities

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton

Working Radius (m)	Boom Length (m)	90.0	96.0	102.0	108.0	Boom Length (m)	Working Radius (m)
14.0	15.0 m/98.0	15.8 m/84.0				14.0	
16.0	96.0	83.7	16.6 m/70.0	17.5 m/60.0		16.0	
18.0	93.0	81.1	68.5	58.8		18.0	
20.0	90.0	78.5	66.3	55.1		20.0	
22.0	81.1	76.0	64.2	51.4		22.0	
24.0	72.6	70.8	62.1	48.4		24.0	
26.0	64.9	64.2	60.0	45.4		26.0	
28.0	58.4	58.3	57.3	42.9		28.0	
30.0	52.9	52.8	51.3	40.4		30.0	
34.0	44.1	43.3	42.1	36.7		34.0	
38.0	37.0	35.8	35.1	33.2		38.0	
42.0	31.0	30.2	29.7	28.6		42.0	
46.0	26.0	25.4	24.9	22.6		46.0	
50.0	21.8	21.3	20.8	17.3		50.0	
54.0	18.1	17.6	17.1	12.7		54.0	
58.0	14.8	14.4	14.0	8.7		58.0	
62.0	12.0	11.6	11.1	60.0 m/6.8		62.0	
66.0	9.5	9.0	8.5			66.0	
70.0	7.2	6.7	6.2			70.0	
72.0	6.2					72.0	
Reeves	7	6	5	5		Reeves	

Note:

Designed and rated to comply with EN13000 .

Ratings shown in are determined by the strength of the boom or other structural components.

Luffing Boom Lifting Capacities

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton

Working Radius (m)	Boom Length (m)	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	Boom Length (m)	Working Radius (m)
7.0	7.7 m/300.0											7.0	
8.0	300.0	8.5 m/300.0										8.0	
9.0	300.0	300.0	9.3 m/300.0									9.0	
10.0	292.1	291.4	278.2	10.2 m/258.6	11.0 m/224.6	11.8 m/197.3						10.0	
12.0	230.2	229.5	222.9	212.7	203.2	194.3	12.7 m/175.1	13.5 m/156.1				12.0	
14.0	188.9	188.2	184.8	177.0	169.8	163.0	156.5	149.9	14.3 m/140.3	15.2 m/126.4		14.0	
16.0	157.8	157.6	156.9	150.7	145.0	139.4	134.1	128.6	123.8	119.0		16.0	
18.0	132.4	132.1	131.4	130.5	125.7	121.0	116.5	111.9	107.8	103.6		18.0	
20.0	113.4	113.0	112.3	111.8	110.3	106.2	102.4	98.3	94.7	91.1		20.0	
22.0	98.6	98.3	97.5	96.9	96.4	94.2	90.7	87.0	83.9	80.6		22.0	
24.0	86.9	86.5	85.7	85.1	84.6	83.9	81.0	77.6	74.8	71.8		24.0	
26.0	77.3	76.9	76.1	75.5	74.9	74.2	72.7	69.6	67.0	64.2		26.0	
28.0	69.4	68.9	68.1	67.4	66.8	66.1	65.4	62.7	60.3	57.7		28.0	
30.0	28.7 m/66.8	62.2	61.4	60.7	60.1	59.3	58.6	56.7	54.4	52.0		30.0	
34.0		33.9 m/51.7	50.7	49.9	49.3	48.4	47.7	46.7	44.7	42.4		34.0	
38.0			42.6	41.8	41.0	40.2	39.4	38.4	37.0	34.9		38.0	
42.0			39.1 m/40.7	35.4	34.6	33.7	32.7	31.4	30.4	28.7		42.0	
46.0				44.3 m/32.3	29.5	28.3	27.2	25.9	24.8	23.6		46.0	
50.0					49.5 m/25.7	23.8	22.6	21.3	20.2	19.0		50.0	
54.0						20.6	18.9	17.5	16.4	15.1		54.0	
58.0						54.7 m/19.6	15.7	14.3	13.1	11.9		58.0	
62.0							59.9 m/14.4	11.6	10.3	8.8		62.0	
66.0								65.1 m/9.7	7.6			66.0	
Reeves	24	24	24	20	20	16	16	12	12	12		Reeves	

Note:

Designed and rated to comply with EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Ratings enclosed in gray-color box in the table require double-drum specifications.

Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton

30.0 m Boom Length	30.0																Boom length (m)
	Jib length (m)	24.0			42.0			54.0			66.0			72.0			Jib length (m)
	Boom angle	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
	Working Radius (m)																Working Radius (m)
	14.0	184.0															14.0
	15.0	173.5															15.0
	16.0	160.5															16.0
	17.0	151.0															17.0
	18.0	141.6															18.0
	20.0	125.3			111.6												20.0
	22.0	112.2			107.1												22.0
	24.0	100.1	93.7		97.9			85.2									24.0
	26.0	89.8	84.2		89.3			85.2									26.0
	28.0	81.3	76.2		80.9			78.9			67.3						28.0
	30.0		69.5		73.8			73.1			67.3			60.2			30.0
	34.0		58.8	54.9	62.5	57.7		61.9			60.4			58.7			34.0
	38.0			47.3	54.0	49.7		53.3	48.8		52.2			51.8			38.0
	42.0				47.2	43.5		46.6	42.6		45.5			45.1			42.0
	46.0				41.8	38.4	35.1	41.2	37.5		40.1	36.2		39.4	35.0		46.0
	50.0					34.3	31.3	36.7	33.4	30.2	34.6	31.9		33.0	30.7		50.0
	54.0						28.1	32.7	29.9	27.0	29.5	28.3		27.8	27.1		54.0
	58.0							28.5	27.0	24.2	25.2	25.2	21.9	23.5	24.1		58.0
	62.0								24.5	21.9	21.6	22.6	19.5	19.8	21.5	18.3	62.0
	66.0									19.9	18.6	20.5	17.5	16.7	19.3	16.3	66.0
	70.0										16.1	18.6	15.8	14.1	17.4	14.5	70.0
	74.0											17.1	14.3	11.9	15.8	13.0	74.0
	78.0												13.0		14.4	11.7	78.0
	82.0															10.6	82.0
	86.0															9.8	86.0
	Reeves		16			8			8			8			8		Reeves

36.0 m Boom Length	36.0																Boom length (m)
	Jib length (m)	24.0			42.0			54.0			66.0			72.0			Jib length (m)
	Boom angle	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
	Working Radius (m)																Working Radius (m)
	15.0	167.8															15.0
	16.0	157.0															16.0
	17.0	148.2															17.0
	18.0	139.4															18.0
	20.0	124.3			111.0												20.0
	22.0	111.3			103.7												22.0
	24.0	99.8			95.0			84.7									24.0
	26.0	89.6	82.5		87.6			82.7									26.0
	28.0	81.1	74.7		80.7			76.6			66.8						28.0
	30.0	73.8	68.1		73.6			71.3			66.8			59.7			30.0
	34.0		57.6		62.4	56.4		61.5			58.7			57.0			34.0
	38.0			45.4	53.8	48.6		53.0			51.9			50.3			38.0
	42.0			39.6	47.1	42.5		46.3	41.4		45.2			44.9			42.0
	46.0				41.7	37.5	33.5	40.9	36.4		39.8	34.8		39.2			46.0
	50.0					33.4	29.8	36.5	32.4		34.4	30.5		32.8	29.4		50.0
	54.0						26.7	32.4	29.0	25.1	29.2	27.0		27.5	25.8		54.0
	58.0						24.0	28.1	26.1	22.4	24.9	24.0		23.1	22.9		58.0
	62.0								23.7	20.1	21.2	21.5	17.7	19.4	20.3		62.0
	66.0									18.1	18.1	19.4	15.8	16.3	18.2	14.5	66.0
	70.0									16.3	15.5	17.5	14.1	13.6	16.3	12.8	70.0
	74.0											16.0	12.7	11.3	14.7	11.4	74.0
	78.0												11.3		13.4	10.1	78.0
	82.0												10.1		11.4	9.1	82.0
	86.0															8.2	86.0
	Reeves		16			8			8			8			8		Reeves

Note: Designed and rated to comply with EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Ratings enclosed in gray-color box in the table require double-drum specifications.

LIFTING CAPACITIES

Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton

42.0 m Boom Length	Boom length (m)		42.0														Boom length (m)	
	Jib length (m)		24.0			42.0			54.0			66.0			72.0			Jib length (m)
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
	Working Radius (m)																	
	15.0	15.4 m/156.2																15.0
	16.0	151.0																16.0
	17.0	142.7																17.0
	18.0	134.4																18.0
	20.0	121.0																20.0
	22.0	110.0				96.6												22.0
	24.0	99.3				92.1			84.1									24.0
	26.0	89.1				85.0			80.2									26.0
	28.0	80.6	72.9			78.8			74.4			66.3						28.0
	30.0	73.4	66.4			73.4			69.2			65.1			59.2			30.0
	34.0		56.2			62.2			60.7			57.0			55.3			34.0
	38.0		48.3	43.1		53.7	47.4		52.7			50.4			48.9			38.0
	42.0			37.6		47.0	41.4		46.0	40.1		44.9			43.5			42.0
	46.0					41.6	36.5		40.6	35.2		39.5	33.2		38.7			46.0
	50.0						32.5	27.8	36.2	31.3		34.0	29.1		32.4	27.9		50.0
	54.0						29.2	24.8	32.0	27.9		28.8	25.6		27.1	24.5		54.0
	58.0							22.2	27.7	25.0	20.1	24.4	22.7		22.7	21.6		58.0
	62.0							19.9		22.6	17.9	20.8	20.3	15.8	19.0	19.1		62.0
	66.0								20.6	16.0	17.6	18.2	13.9	15.8	17.0	12.6		66.0
	70.0									14.3	15.0	16.4	12.3	13.1	15.1	11.0		70.0
	74.0									12.9		14.9	10.8	10.8	13.6	9.6		74.0
	78.0											13.6	9.5		12.3	8.4		78.0
	82.0												8.4		11.2	7.4		82.0
	86.0															6.6		86.0
	90.0															5.7		90.0
Reeves			12			8			8			8			8			Reeves

48.0 m Boom Length	Boom length (m)		48.0														Boom length (m)	
	Jib length (m)		24.0			42.0			54.0			66.0			72.0			Jib length (m)
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
	Working Radius (m)																	
	16.0	16.2 m/143.5																16.0
	17.0	137.4																17.0
	18.0	129.6																18.0
	20.0	116.9																20.0
	22.0	106.4				96.0												22.0
	24.0	97.7				89.1			82.4									24.0
	26.0	88.8				82.3			77.6									26.0
	28.0	80.3	71.1			76.4			72.0			65.7						28.0
	30.0	73.2	64.8			71.2			67.1			63.0			58.6			30.0
	34.0		54.7			61.8			58.9			55.2			53.5			34.0
	38.0		47.1			53.3	45.9		51.9			48.8			47.3			38.0
	42.0			35.2		46.6	40.0		45.4	38.6		43.6			42.2			42.0
	46.0			30.9		41.2	35.3		40.2	33.9		39.2			37.9			46.0
	50.0						31.4	25.0	35.9	29.9		33.5	27.6		31.9	26.3		50.0
	54.0						28.1	22.2	31.4	26.5		28.3	24.2		26.6	23.0		54.0
	58.0							19.7	27.1	23.7	17.6	23.9	21.4		22.2	20.1		58.0
	62.0							17.6		21.2	15.6	20.2	19.0		18.4	17.8		62.0
	66.0								19.1	13.8	17.1	16.9	11.7		15.2	15.7		66.0
	70.0									12.2	14.4	15.2	10.1		12.5	13.9	9.1	70.0
	74.0									10.9		13.7	8.8		10.2	12.4	7.8	74.0
	78.0											12.3	7.6			11.1	6.7	78.0
	82.0												6.5			10.1		82.0
Reeves			12			8			8			8			8			Reeves

Note: Designed and rated to comply with EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Ratings enclosed in gray-color box in the table require double-drum specifications.

Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton

54.0 m Boom Length	Boom length (m)		54.0														Boom length (m)	
	Jib length (m)		24.0			42.0			54.0			66.0			72.0			Jib length (m)
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
	Working Radius (m)																	
	17.0		132.2															17.0
	18.0		124.8															18.0
	20.0		112.8															20.0
	22.0		102.8			93.7												22.0
	24.0		94.5			86.1												24.0
	26.0		87.3			79.6			74.0									26.0
	28.0		80.0			74.0			69.7			64.2						28.0
	30.0		72.8	63.0		69.0			65.0			60.9			58.1			30.0
	34.0			53.2		60.6			57.0			53.4			51.7			34.0
	38.0			45.7		52.9	43.8		50.6			47.2			45.8			38.0
	42.0				32.1	46.2	38.5		45.2			42.2			40.8			42.0
	46.0				28.1	40.9	33.8		39.9	31.9		37.9			36.6			46.0
	50.0						29.9		35.5	28.0		32.7	25.9		31.2			50.0
	54.0						26.7	19.5	30.7	24.8		27.6	22.7		25.9	21.5		54.0
	58.0						23.9	17.2	26.4	22.1		23.2	19.9		21.5	18.7		58.0
	62.0							15.2		19.7	13.1	19.6	17.6		17.8	16.4		62.0
	66.0							13.6		17.7	11.5	16.5	15.6		14.6	14.4		66.0
	70.0										10.0	13.8	13.9		11.9	12.7		70.0
	74.0										8.8		12.4		9.6	11.2		74.0
	78.0										7.7		11.0			9.9		78.0
	82.0															8.9		82.0
	86.0															8.0		86.0
Reeves			12			8			8			8			8			Reeves

60.0 m Boom Length	Boom length (m)		60.0														Boom length (m)	
	Jib length (m)		24.0			42.0			54.0			66.0			72.0			Jib length (m)
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
	Working Radius (m)																	
	17.0		17.8 m/121.3															17.0
	18.0		120.1															18.0
	20.0		108.7															20.0
	22.0		99.3			90.4												22.0
	24.0		91.3			83.2												24.0
	26.0		84.5			77.0			72.4									26.0
	28.0		78.6			71.5			67.3									28.0
	30.0		72.5			66.7			62.8			58.3						30.0
	34.0			51.3		58.7			55.2			51.5			47.7			34.0
	38.0			44.2		52.3			49.0			45.6			44.2			38.0
	42.0			38.4		45.8	36.1		43.9			40.7			39.4			42.0
	46.0				25.1	40.5	31.6		39.6	29.8		36.6			35.3			46.0
	50.0				22.0		27.9		34.8	26.4		31.7	23.8		30.1			50.0
	54.0						24.8		29.8	23.3		26.7	21.1		25.0	19.4		54.0
	58.0						22.2	14.4	25.6	20.7		22.4	18.4		20.7	17.0		58.0
	62.0							12.7		18.4	10.9	18.8	16.2		17.1	14.8		62.0
	66.0							11.1		16.4	9.4	15.8	14.3		14.0	13.0		66.0
	70.0								14.7	8.0		13.1	12.6		11.3	11.3		70.0
	74.0										6.9		11.2		9.0	9.9		74.0
	78.0												10.0		7.0	8.7		78.0
	82.0												8.8			7.7		82.0
	86.0															6.8		86.0
Reeves			12			8			8			8			8			Reeves

Note: Designed and rated to comply with EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Ratings enclosed in gray-color box in the table require double-drum specifications.

HEAVY LIFT

BOOM AND JIB ARRANGEMENTS

Heavy Duty Crane Boom Arrangements

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

Symbol	Boom Length	Remarks
	9.0 m (29.5 ft)	Boom Base
	8.0 m (26.2 ft)	Tapered Boom
	6.0 m (19.7 ft)	Insert Boom
	12.0 m (39.4 ft)	Insert Boom
	1.0 m (3.3 ft)	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 m (ft)	Boom arrangement
36 (118)	※
42 (138)	※
48 (157)	※
54 (177)	※
60 (197)	※
66 (217)	※
72 (236)	※
78 (256)	※
84 (276)	※

Symbol	Boom Length	Remarks
	9.0 m (29.5 ft)	Boom Base
	8.0 m (26.2 ft)	Tapered Boom
	6.0 m (19.7 ft)	Insert Boom
	12.0 m (39.4 ft)	Insert Boom
	1.0 m (3.3 ft)	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 m (ft)	Boom arrangement
90 (295)	
96 (315)	※
102 (335)	※
108 (354)	※

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

Luffing Boom Arrangements for Luffing

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

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

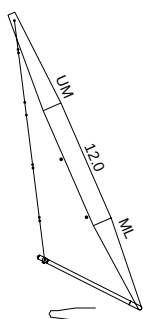
Luffing Jib Arrangements

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

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

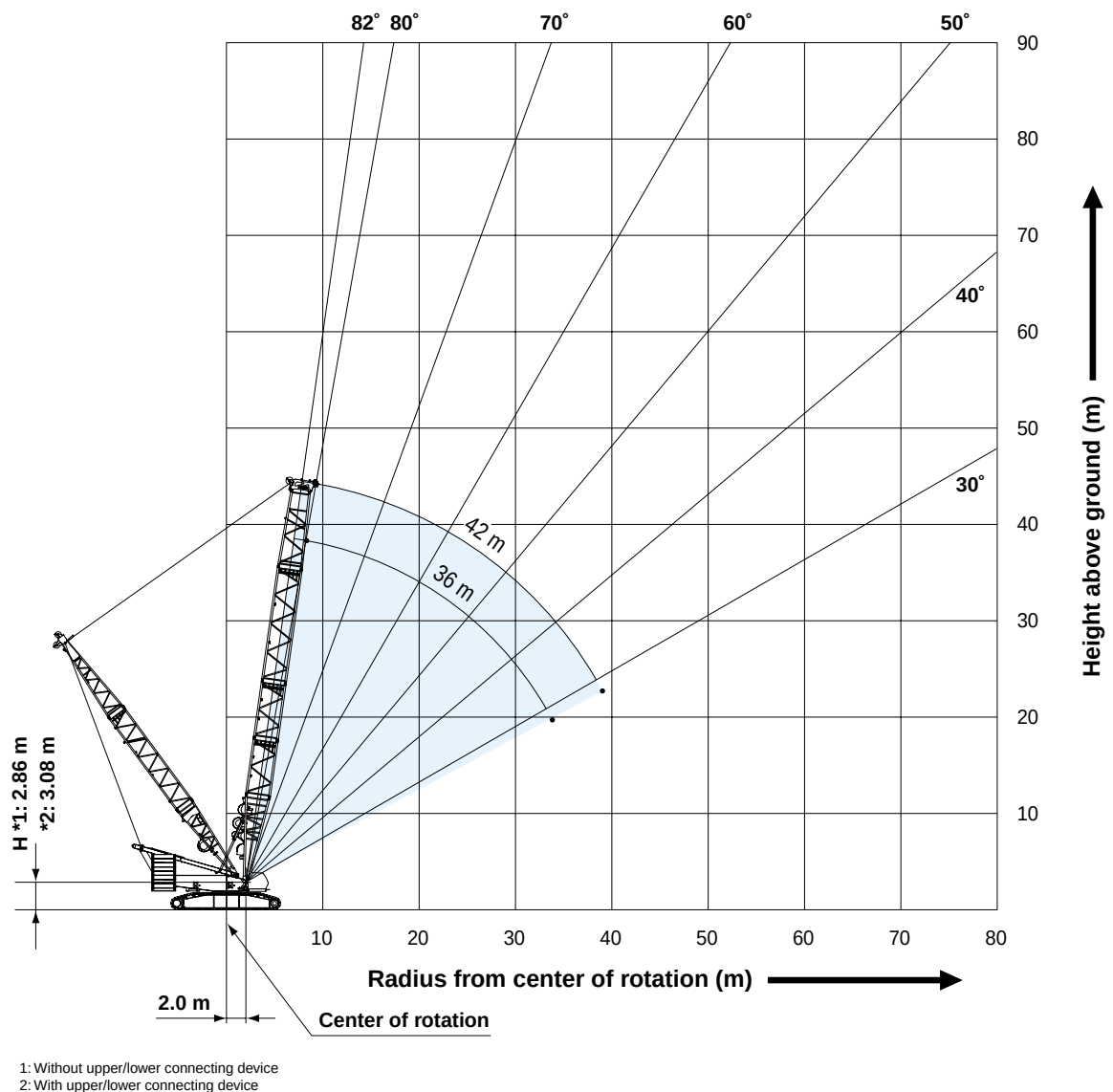


Symbol	Mast Length	Remarks
	9.0 m (29.5 ft)	Mast Base
	12.0 m (39.4 ft)	Insert Mast
	10.0 m (32.8 ft)	Mast Top

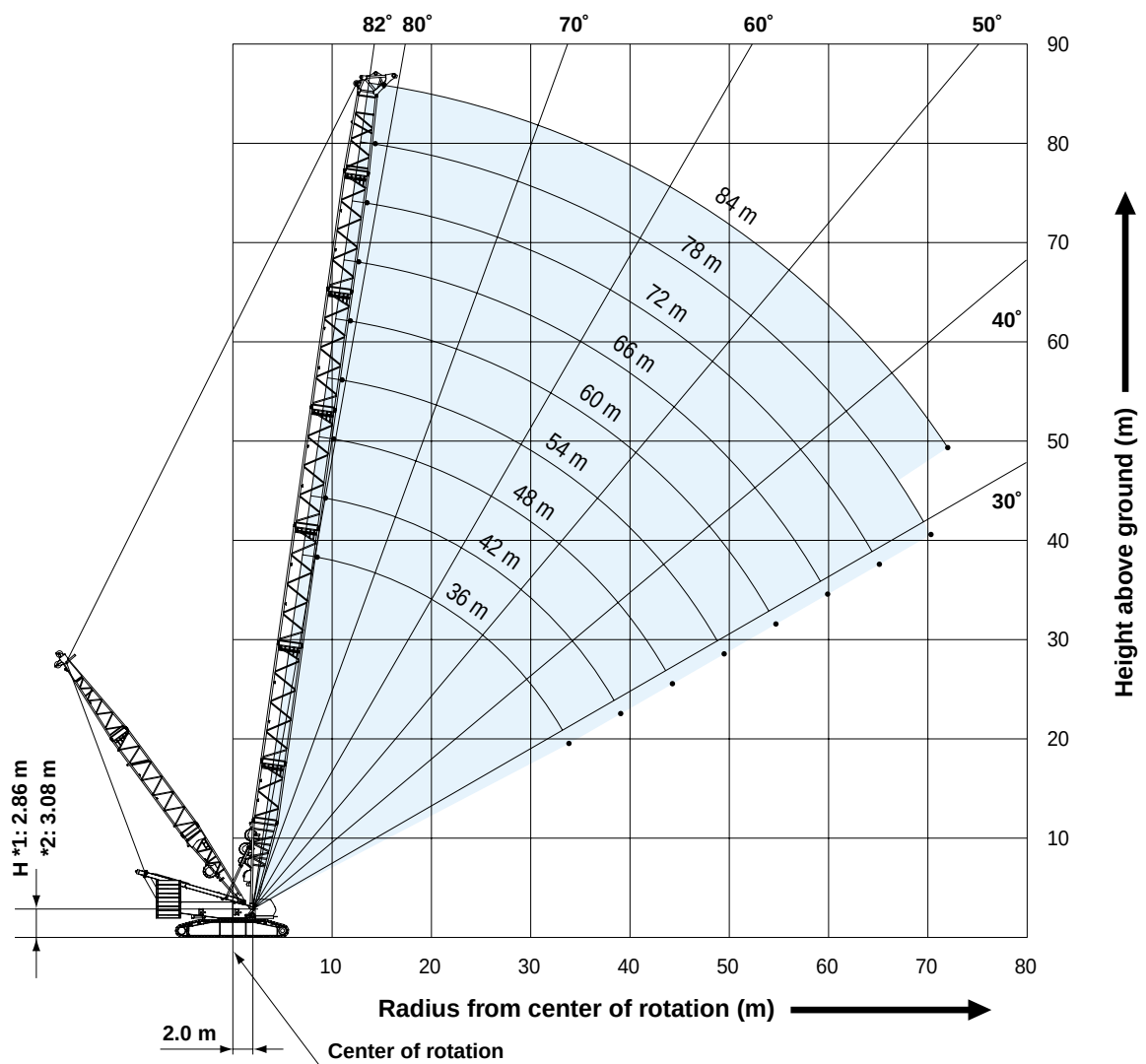
HEAVY LIFT

WORKING RANGES

Heavy Duty Crane Boom



Luffing Boom

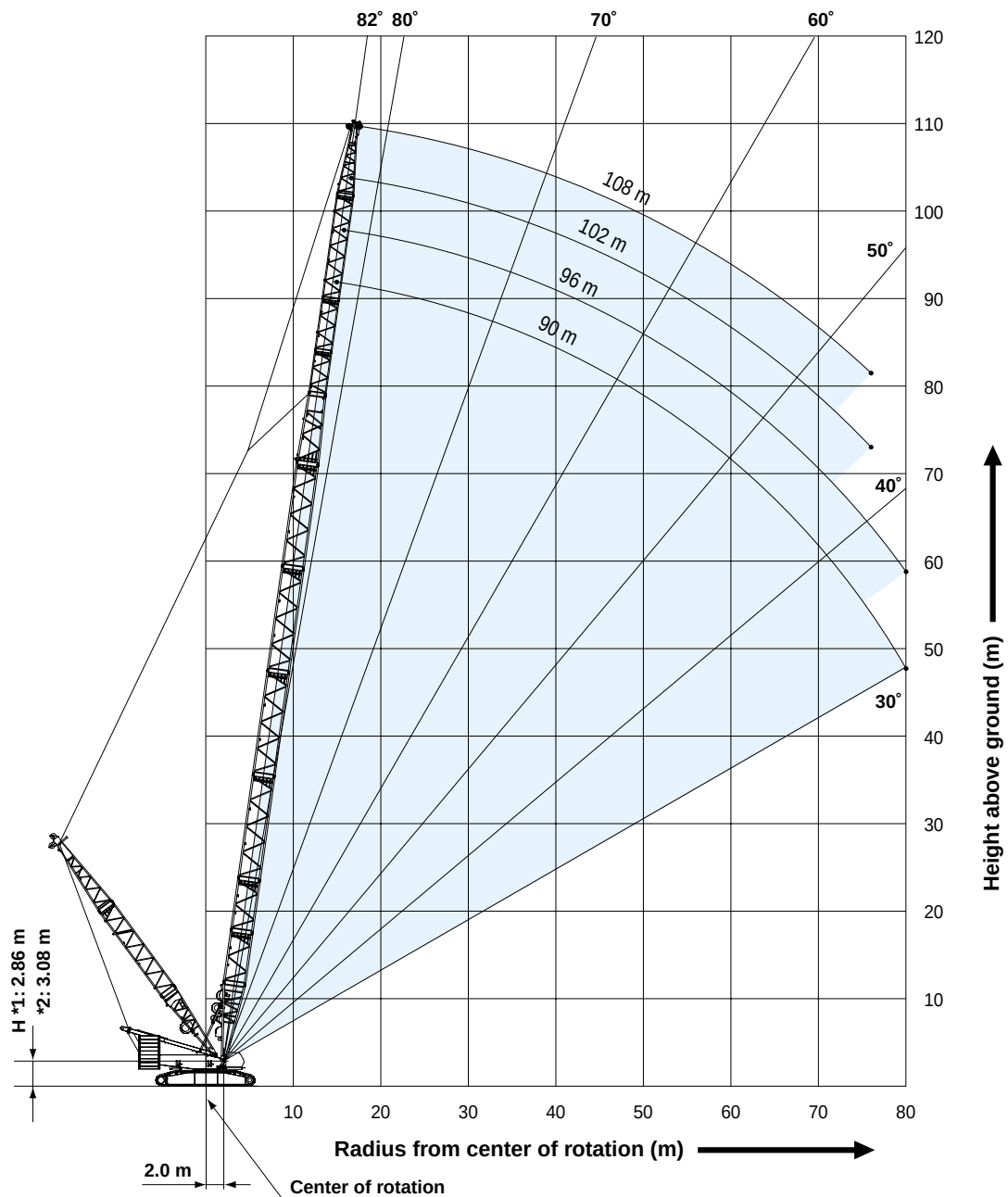


1: Without upper/lower connecting device
2: With upper/lower connecting device

HEAVY LIFT

WORKING RANGES

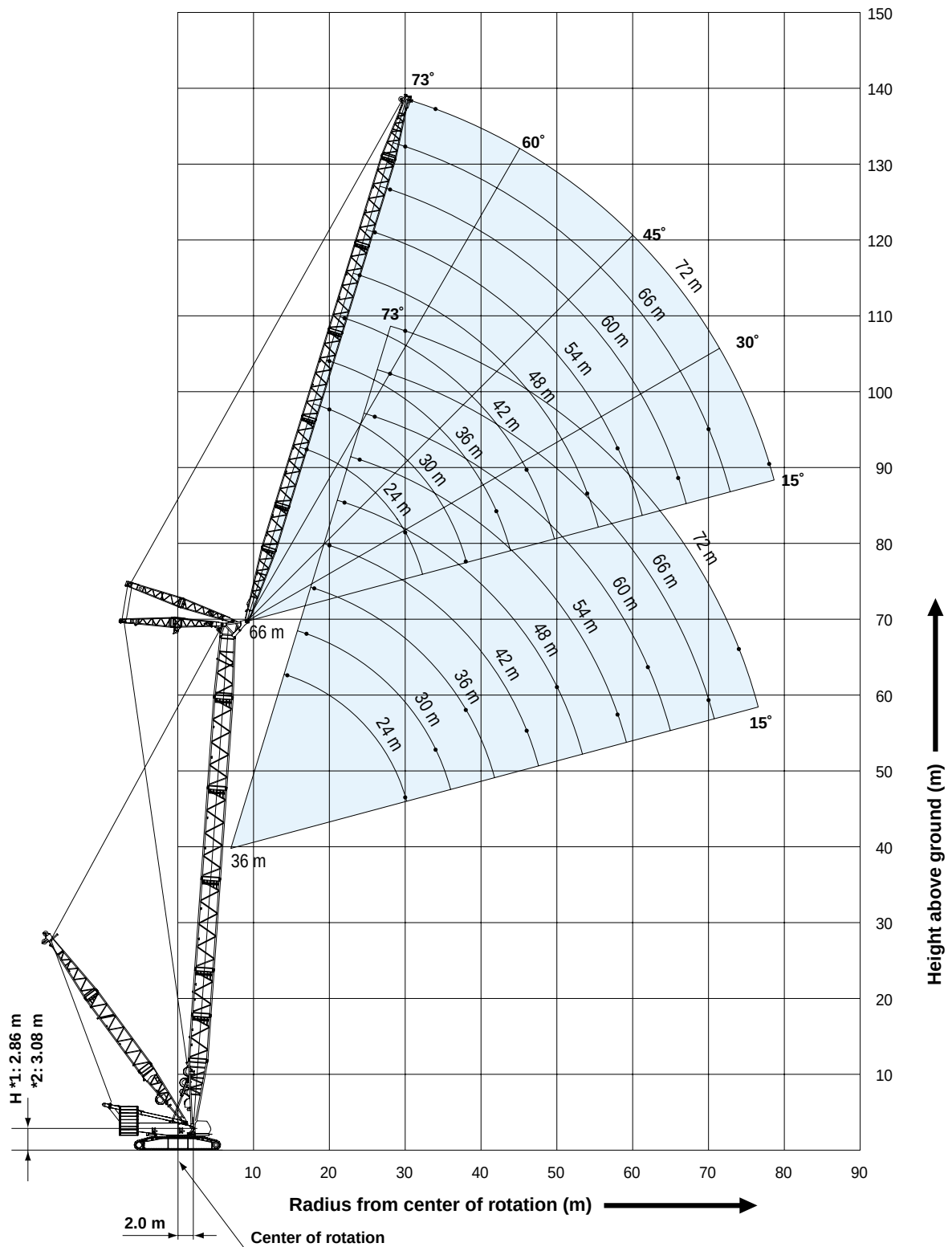
Long Boom



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

Luffing Jib

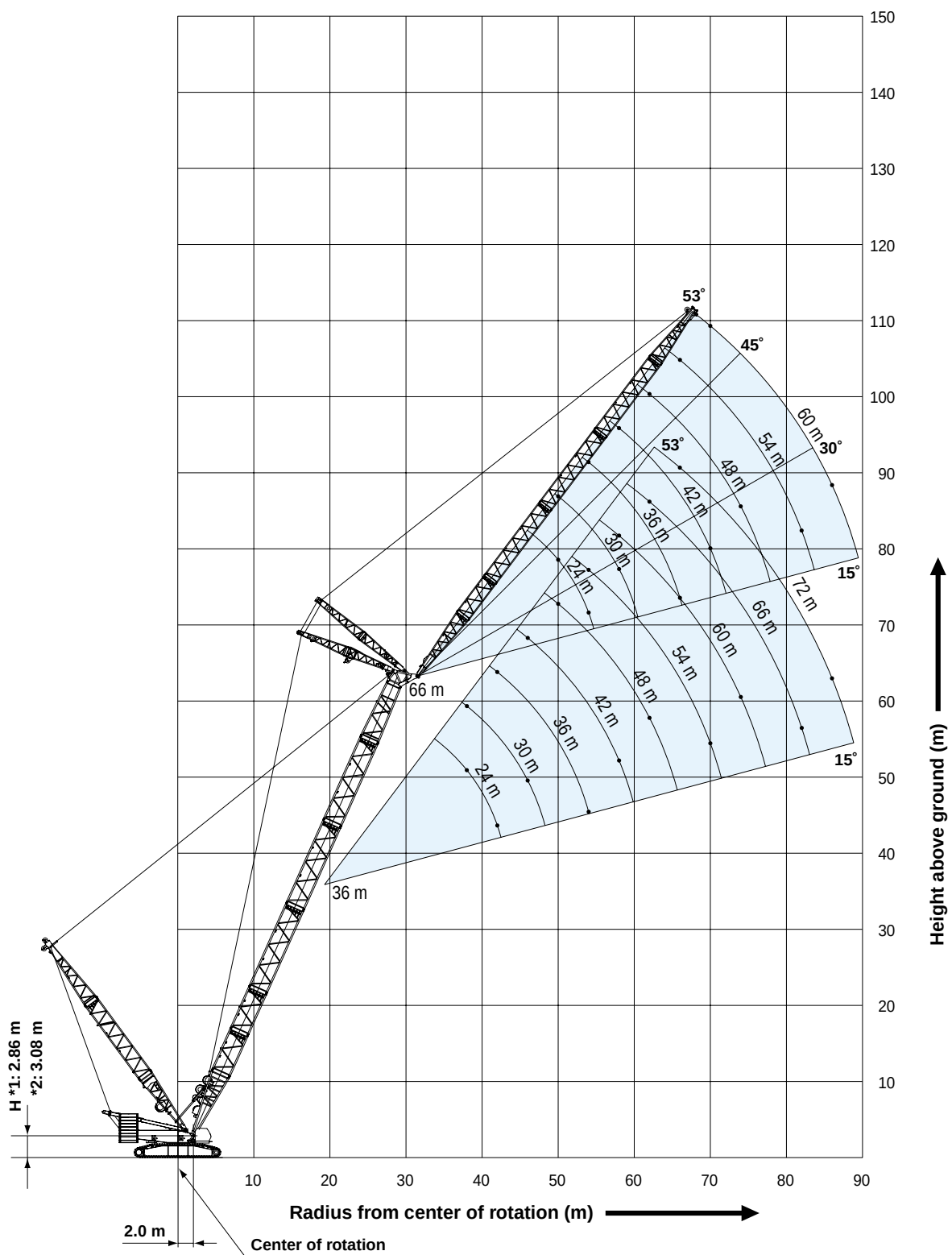
Boom Angle: 86°



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

Luffing Jib

Boom Angle: 66°



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

HEAVY LIFT

LIFTING CAPACITIES

Heavy Duty Crane Boom Lifting Capacities

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton
HL Mast point radius: 11 m to 16 m

Working Radius (m)	Boom Length (m)	36.0	42.0	Boom Length (m)	Working Radius (m)
8.0	8.3 m/367.5			8.0	
9.0	330.0		9.2 m/323.3	9.0	
10.0	286.4		286.9	10.0	
12.0	225.4		225.9	12.0	
14.0	184.9		185.2	14.0	
16.0	156.0		156.1	16.0	
18.0	134.4		134.3	18.0	
20.0	117.7		117.4	20.0	
22.0	104.1		103.9	22.0	
24.0	93.2		92.8	24.0	
26.0	84.0		83.6	26.0	
28.0	76.2		75.9	28.0	
30.0	69.5		69.1	30.0	
32.0	63.5		63.3	32.0	
34.0	33.8 m/58.7		58.2	34.0	
36.0			53.7	36.0	
38.0			49.7	38.0	
40.0			39.0 m/47.8	40.0	
Reeves	28		24	Reeves	

Note:

Designed and rated to comply with EN13000 .

Ratings shown in are determined by the strength of the boom or other structural components.

Long Boom Lifting Capacities

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton
HL Mast point radius: 11 m to 16 m

Working Radius (m)	Boom Length (m)	90.0	96.0	102.0	108.0	Boom Length (m)	Working Radius (m)
14.0	15.0 m/98.0		15.8 m/98.0			14.0	
16.0	98.0		98.0	16.6 m/84.0	17.5 m/84.0	16.0	
18.0	98.0		98.0	84.0	84.0	18.0	
20.0	98.0		97.5	84.0	84.0	20.0	
22.0	89.9		87.4	84.0	81.9	22.0	
24.0	81.0		78.8	75.9	73.8	24.0	
26.0	73.5		71.5	68.7	66.7	26.0	
28.0	66.9		65.1	62.3	60.5	28.0	
30.0	61.1		59.4	56.8	55.1	30.0	
32.0	56.0		54.4	51.8	50.3	32.0	
34.0	51.5		49.9	47.5	46.0	34.0	
36.0	47.4		45.9	43.5	42.1	36.0	
38.0	43.5		42.3	40.0	38.7	38.0	
40.0	39.9		39.0	36.7	35.5	40.0	
44.0	33.8		33.2	31.1	30.0	44.0	
48.0	28.9		28.3	26.4	25.3	48.0	
52.0	24.7		24.2	22.4	21.4	52.0	
56.0	21.2		20.7	18.9	18.0	56.0	
60.0	18.2		17.6	15.9	15.0	60.0	
64.0	15.4		14.8	13.3	12.4	64.0	
68.0	13.0		12.4	10.9	10.0	68.0	
72.0	10.8		10.2	8.9	8.0	72.0	
76.0	8.9		8.3	7.0	6.2	76.0	
80.0	80.1 m/7.2		6.7			80.0	
Reeves	7		7	6	6	Reeves	

Note:

Designed and rated to comply with EN13000 .

Ratings shown in are determined by the strength of the boom or other structural components.

Luffing Boom Lifting Capacities

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton
HL Mast point radius: 11 m to 16 m

Boom Length (m) Working Radius (m)	36.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	Boom Length (m) Working Radius (m)
8.0	8.5 m/300.0									8.0
9.0	300.0	9.3 m/300.0								9.0
10.0	286.5	287.1	10.2 m/280.5	11.0 m/252.1	11.8 m/225.4					10.0
12.0	224.9	225.3	225.0	224.6	221.9	12.7 m/199.7	13.5 m/178.2			12.0
14.0	184.0	184.2	183.8	183.3	183.0	178.8	171.2	14.3 m/160.6	15.2 m/145.2	14.0
16.0	154.8	154.9	154.6	153.9	153.4	152.7	147.4	142.2	137.0	16.0
18.0	132.9	132.9	132.6	132.0	131.4	129.7	128.5	124.1	119.7	18.0
20.0	116.0	115.9	115.5	114.8	114.3	113.5	112.6	109.5	105.6	20.0
22.0	102.4	102.2	101.9	101.2	100.6	99.8	98.9	97.3	93.8	22.0
24.0	91.3	91.1	90.7	90.1	89.6	88.6	87.7	87.1	84.0	24.0
26.0	82.0	81.8	81.4	80.8	80.3	79.3	78.3	77.6	75.5	26.0
28.0	74.2	74.0	73.5	72.9	72.4	71.5	70.4	69.7	68.2	28.0
30.0	67.5	67.2	66.8	66.1	65.7	64.8	63.8	63.0	61.8	30.0
32.0	61.6	61.4	60.9	60.3	59.8	58.9	58.0	57.1	56.1	32.0
34.0	33.9 m/56.6	56.3	55.8	55.1	54.7	53.8	52.8	52.0	51.1	34.0
36.0		51.7	51.3	50.6	50.2	49.3	48.3	47.4	46.4	36.0
38.0		47.7	47.3	46.6	46.1	45.3	44.3	43.6	42.6	38.0
40.0		39.1 m/45.6	43.6	43.0	42.5	41.7	40.7	40.0	39.0	40.0
42.0			40.4	39.7	39.3	38.4	37.5	36.7	35.6	42.0
44.0			37.4	36.8	36.3	35.5	34.5	33.7	32.7	44.0
46.0			44.3 m/37.0	34.1	33.7	32.8	31.8	31.0	30.0	46.0
48.0				31.6	31.2	30.4	29.3	28.5	27.3	48.0
50.0				49.5 m/29.9	29.0	28.1	27.1	26.1	24.9	50.0
52.0					26.9	26.0	25.0	23.9	22.6	52.0
54.0					25.0	24.1	23.0	21.8	20.6	54.0
56.0					54.7 m/24.3	22.4	21.2	20.0	18.7	56.0
58.0						20.7	19.5	18.3	16.9	58.0
60.0						59.9 m/19.2	18.0	16.7	15.3	60.0
62.0							16.6	15.3	13.9	62.0
64.0							15.4	14.0	12.5	64.0
66.0							65.1 m/14.8	12.8	11.2	66.0
68.0								11.7	10.0	68.0
70.0								10.6	8.8	70.0
72.0								70.3 m/10.5	7.7	72.0
Reeves	24	24	24	20	20	16	16	12	12	Reeves

Note:

Designed and rated to comply with EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Ratings enclosed in gray-color box in the table require double-drum specifications.

Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton
HL Mast point radius: 16 m

48.0 m Boom Length	Boom length (m)		48.0														Boom length (m)	
	Jib length (m)		24.0			42.0			54.0			66.0			72.0			Jib length (m)
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
	Working Radius (m)																	Working Radius (m)
	16.0	16.2 m/167.4																16.0
	17.0	160.1																17.0
	18.0	150.8																18.0
	20.0	135.8																20.0
	22.0	123.4				113.0												22.0
	24.0	112.6				103.6			90.2									24.0
	26.0	102.2				95.5			88.0									26.0
	28.0	92.9	83.4			88.4			84.1			67.3						28.0
	30.0	85.0	76.3			82.3			78.3			66.0			58.4			30.0
	34.0		65.0			70.9			68.5			62.9			56.3			34.0
	38.0		56.3			61.4	53.9		60.5			57.4			53.8			38.0
	42.0			43.9		53.9	47.3		53.1	45.1		51.2			48.6			42.0
	46.0			38.9		48.0	41.9		47.0	40.8		45.9			44.8			46.0
	50.0						37.5	32.1	42.1	36.4		41.0	33.2		40.4	32.3		50.0
	54.0						33.8	29.0	37.9	32.6		36.8	31.1		36.4	30.0		54.0
	58.0							26.2	34.5	29.5	23.8	33.3	28.2		32.8	27.1		58.0
	62.0							23.8		26.8	22.5	30.2	25.5		29.8	24.6		62.0
	66.0									24.6	20.4	27.6	23.2	16.5	27.2	22.4		66.0
	70.0										18.6	25.4	21.1	16.5	24.9	20.5	13.5	70.0
	74.0										17.1		19.4	15.0	22.9	18.8	13.5	74.0
	78.0												17.8	13.7		17.2	12.7	78.0
	82.0													12.5		15.8	11.5	82.0
	86.0													11.6			10.4	86.0
	90.0																9.5	90.0
	Reeves		16			12			8			8			8			Reeves

54.0 m Boom Length	Boom length (m)		54.0														Boom length (m)	
	Jib length (m)		24.0			42.0			54.0			66.0			72.0			Jib length (m)
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle
	Working Radius (m)																	Working Radius (m)
	17.0	154.3																17.0
	18.0	145.5																18.0
	20.0	131.2																20.0
	22.0	119.3				109.3												22.0
	24.0	109.4				100.2												24.0
	26.0	101.0				92.5			80.7									26.0
	28.0	92.4				85.7			78.2			63.1						28.0
	30.0	84.5	74.3			79.8			75.6			61.8			55.1			30.0
	34.0		63.2			69.9			66.5			58.7			52.9			34.0
	38.0		54.7			60.9	51.7		58.9			55.2			50.3			38.0
	42.0			41.4		53.5	45.8		52.6			49.6			47.5			42.0
	46.0			36.7		47.6	40.5		46.7	38.2		44.6			43.4			46.0
	50.0						36.2		41.7	34.8		40.3	31.8		39.2			50.0
	54.0						32.6	26.7	37.6	31.5		36.5	28.9		35.5	27.2		54.0
	58.0						29.6	24.3	34.2	28.4		33.0	26.1		32.4	25.1		58.0
	62.0							22.0		25.8	19.0	30.0	23.7		29.5	22.7		62.0
	66.0							20.1		23.5	18.2	27.4	21.6		26.9	20.6		66.0
	70.0										16.6	25.1	19.8	12.6	24.6	18.8		70.0
	74.0										15.2		18.2	12.6	22.6	17.1	9.8	74.0
	78.0										14.1		16.8	11.4		15.7	9.8	78.0
	82.0													10.3		14.4	9.3	82.0
	86.0													9.3		13.4	8.3	86.0
	90.0													8.6			7.4	90.0
	94.0																6.7	94.0
	Reeves		12			8			8			8			8			Reeves

Note: Designed and rated to comply with EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Ratings enclosed in gray-color box in the table require double-drum specifications.

HEAVY LIFT

LIFTING CAPACITIES

Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton
HL Mast point radius: 16 m

60.0 m Boom Length	Boom length (m)		60.0														Boom length (m)		
	Jib length (m)		24.0			42.0			54.0			66.0			72.0			Jib length (m)	
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle	
Working Radius (m)	17.0	17.8 m/141.8																17.0	
	18.0	140.3																18.0	
	20.0	126.7																20.0	
	22.0	115.4				103.2												22.0	
	24.0	105.9				97.0												24.0	
	26.0	97.8				89.5			76.5									26.0	
	28.0	90.8				83.0			74.2									28.0	
	30.0	84.0				77.3			71.7			58.2						30.0	
	34.0		61.4			67.8			64.4			55.3			49.4			34.0	
	38.0		53.1			60.2			57.1			52.1			47.0			38.0	
	42.0		46.6			53.1	43.2		51.0			48.1			44.3			42.0	
	46.0			34.5		47.1	38.7		46.0	36.1		43.2			41.6			46.0	
	50.0			30.7			34.9		41.3	32.5		39.0	29.7		37.9			50.0	
	54.0						31.3		37.2	29.3		35.4	26.7		34.4	25.7		54.0	
	58.0						28.4	21.7	33.8	26.6		32.3	24.1		31.3	23.1		58.0	
	62.0							19.7		24.3	16.8	29.6	21.8		28.6	20.8		62.0	
	66.0							18.0		22.4	15.6	27.1	19.8		26.3	18.8		66.0	
	70.0									20.6	14.1	24.8	18.0	10.5	24.2	17.0		70.0	
	74.0										12.8		16.5	10.3	22.4	15.5		74.0	
	78.0										11.7		15.1	9.1	20.6	14.1		78.0	
	82.0												14.1	8.1		12.9		82.0	
	86.0													7.2		11.9		86.0	
	90.0													6.5				90.0	
	Reeves		12				8			8			8			8			Reeves

66.0 m Boom Length	Boom length (m)		66.0														Boom length (m)		
	Jib length (m)		24.0			42.0			54.0			66.0			72.0			Jib length (m)	
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle	
Working Radius (m)	18.0	18.5 m/131.7																18.0	Working Radius (m)
	20.0	122.2																20.0	
	22.0	111.4			95.3													22.0	
	24.0	102.3			91.5													24.0	
	26.0	94.5			86.5			71.3										26.0	
	28.0	87.8			80.3			68.1										28.0	
	30.0	82.0			74.8			66.6			55.1							30.0	
	34.0		57.5		65.6			61.6			52.2			46.4				34.0	
	38.0		50.8		58.2			55.2			49.0			44.0				38.0	
	42.0		45.0		52.2	40.1		49.3			45.7			41.4				42.0	
	46.0				46.7	35.9		44.5	33.4		41.7			38.8				46.0	
	50.0			28.0		32.3		40.3	29.9		37.6			36.2				50.0	
	54.0			25.4		29.3		36.9	26.9		34.2	24.4		33.1	23.4			54.0	
	58.0					26.8	18.4	33.4	24.4		31.2	21.9		30.1	20.9			58.0	
	62.0						16.6		22.2		28.6	19.7		27.5	18.8			62.0	
	66.0						15.0		20.3	12.5	26.3	17.8		25.3	16.9			66.0	
	70.0						13.7		18.7	11.4	24.4	16.1		23.3	15.2			70.0	
	74.0									10.2		14.7		21.5	13.7			74.0	
	78.0									9.1		13.4		20.1	12.4			78.0	
	82.0									8.3		12.3			11.2			82.0	
	86.0														10.2			86.0	
	90.0														9.4			90.0	
	Reeves	12			8			8			8			8			Reeves		

Note: Designed and rated to comply with EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Ratings enclosed in gray-color box in the table require double-drum specifications.

[illegible]

SUPER HEAVY LIFT

BOOM AND JIB ARRANGEMENTS

Heavy Duty Crane Boom Arrangements

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

Symbol	Boom Length	Remarks
	9.0 m (29.5 ft)	Boom Base
	8.0 m (26.2 ft)	Tapered Boom
	6.0 m (19.7 ft)	Insert Boom
	12.0 m (39.4 ft)	Insert Boom
	1.0 m (3.3 ft)	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 m (ft)	Boom arrangement
36 (118)	※
42 (138)	※
48 (157)	※
54 (177)	※
60 (197)	※
66 (217)	※
72 (236)	※
78 (256)	※
84 (276)	※

Symbol	Boom Length	Remarks
	9.0 m (29.5 ft)	Boom Base
	8.0 m (26.2 ft)	Tapered Boom
	6.0 m (19.7 ft)	Insert Boom
	12.0 m (39.4 ft)	Insert Boom
	1.0 m (3.3 ft)	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 m (ft)	Boom arrangement
90 (295)	
96 (315)	※
102 (335)	※
108 (354)	※
114 (374)	※
120 (394)	※
126 (413)	※

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

Luffing Boom Arrangements for Luffing

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

Symbol	Boom Length	Remarks
	9.0 m (29.5 ft)	Boom Base
	8.0 m (26.2 ft)	Tapered Boom
	6.0 m (19.7 ft)	Insert Boom
	12.0 m (39.4 ft)	Insert Boom
	1.0 m (3.3 ft)	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 m (ft)	Jib arrangement
24 (79)	
30 (98)	※
36 (118)	※
42 (138)	※
48 (157)	※
54 (177)	※
60 (197)	※
66 (217)	※
72 (236)	※
78 (256)	
84 (276)	※

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

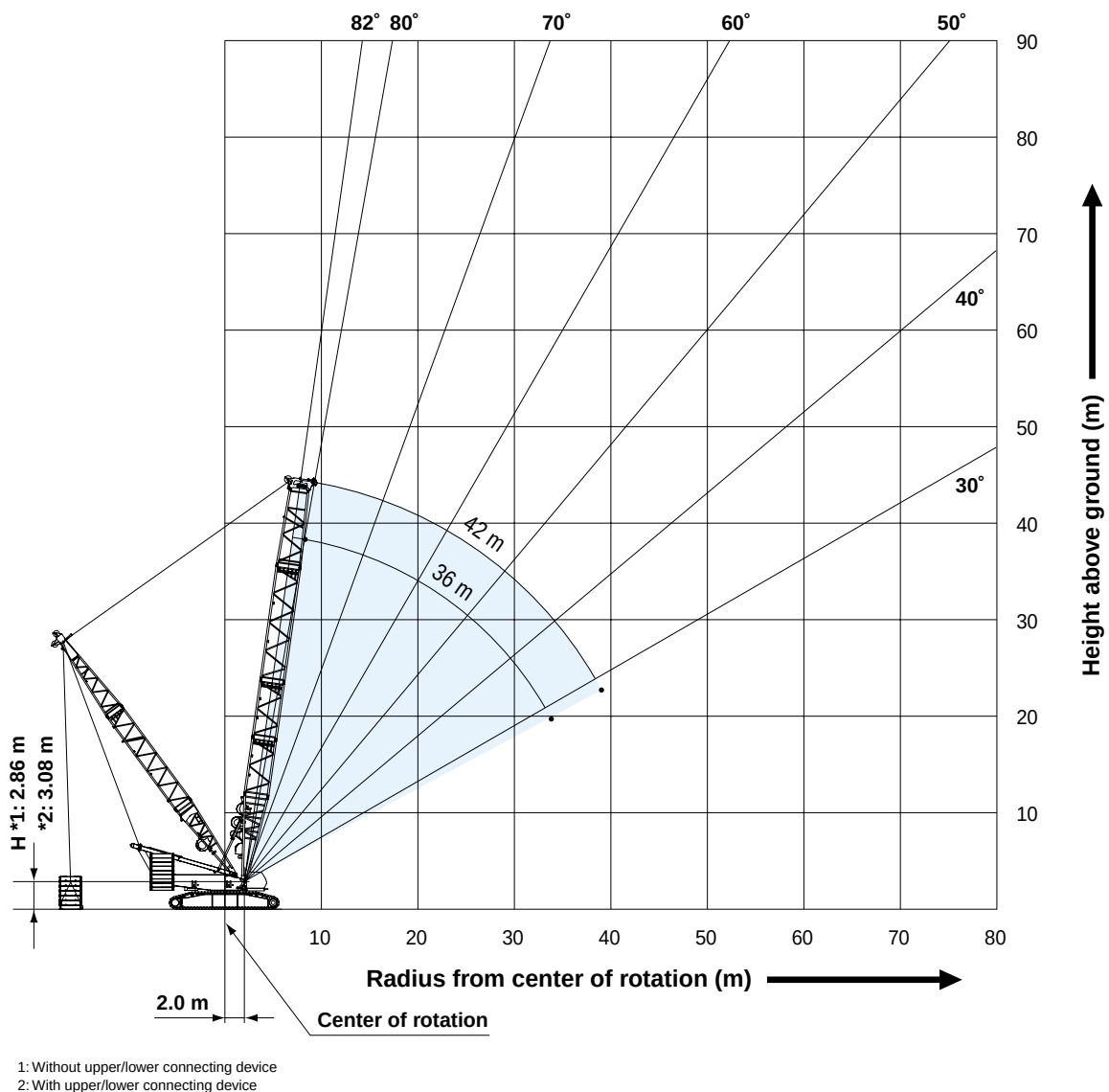
SHL MAST

	16.0 m 52.5 ft	
	13.0 m 42.7 ft	
	11.0 m 36.3 ft	
Symbol	Mast Length	Remarks
	9.0 m (29.5 ft)	Mast Base
	12.0 m (39.4 ft)	Insert Mast
	10.0 m (32.8 ft)	Mast Top

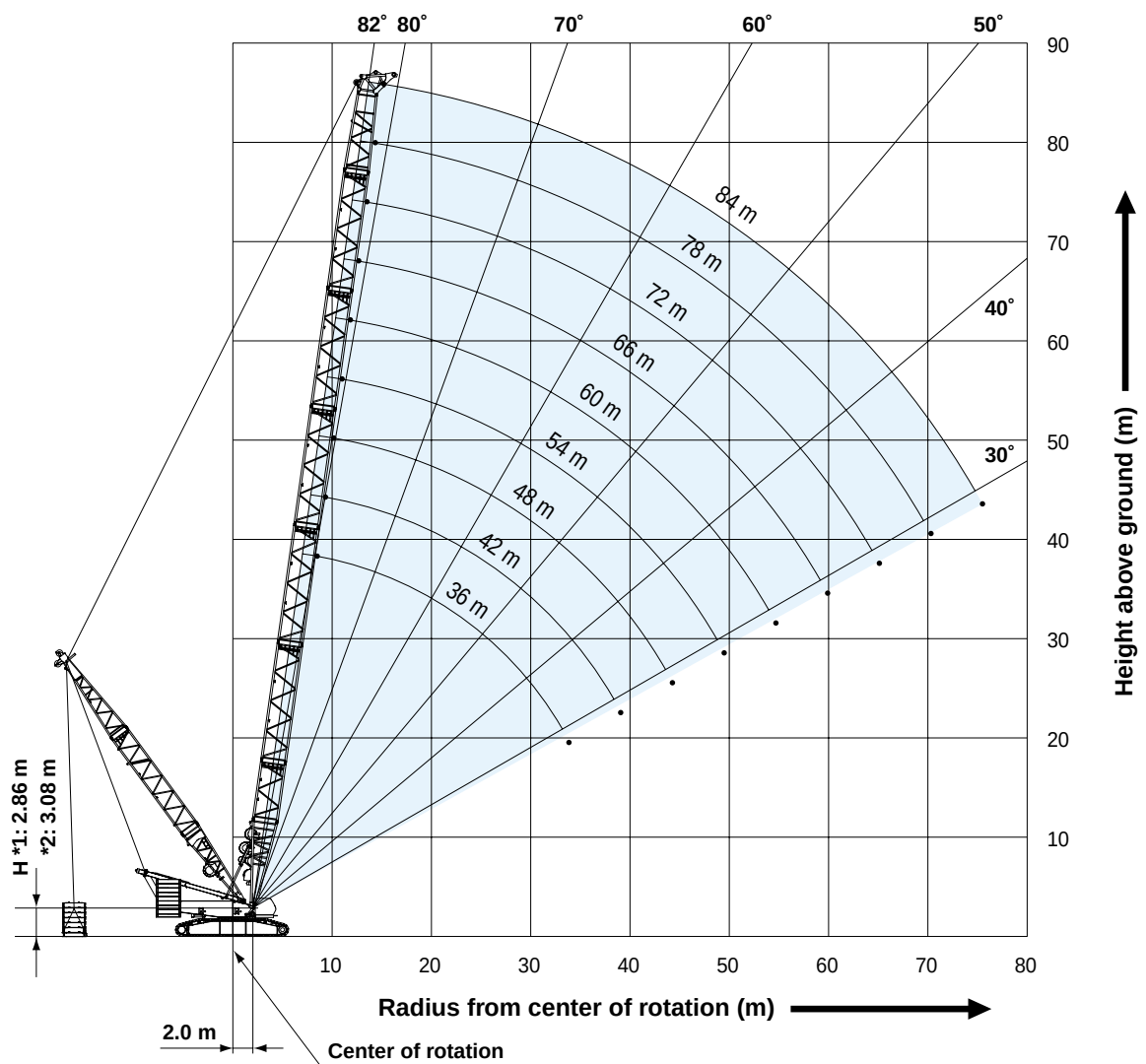
SUPER HEAVY LIFT

WORKING RANGES

Heavy Duty Crane Boom



Luffing Boom

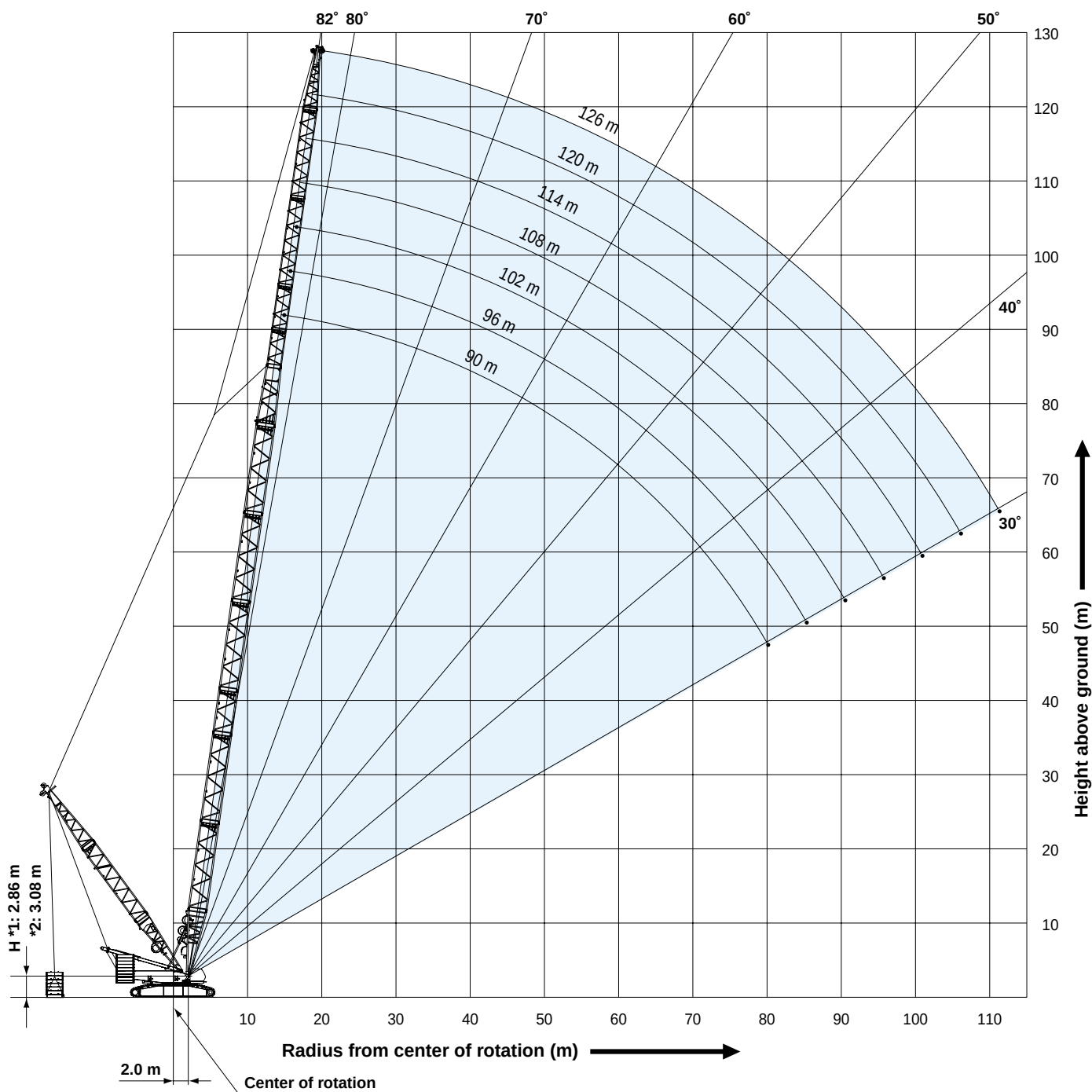


1: Without upper/lower connecting device
2: With upper/lower connecting device

SUPER HEAVY LIFT

WORKING RANGES

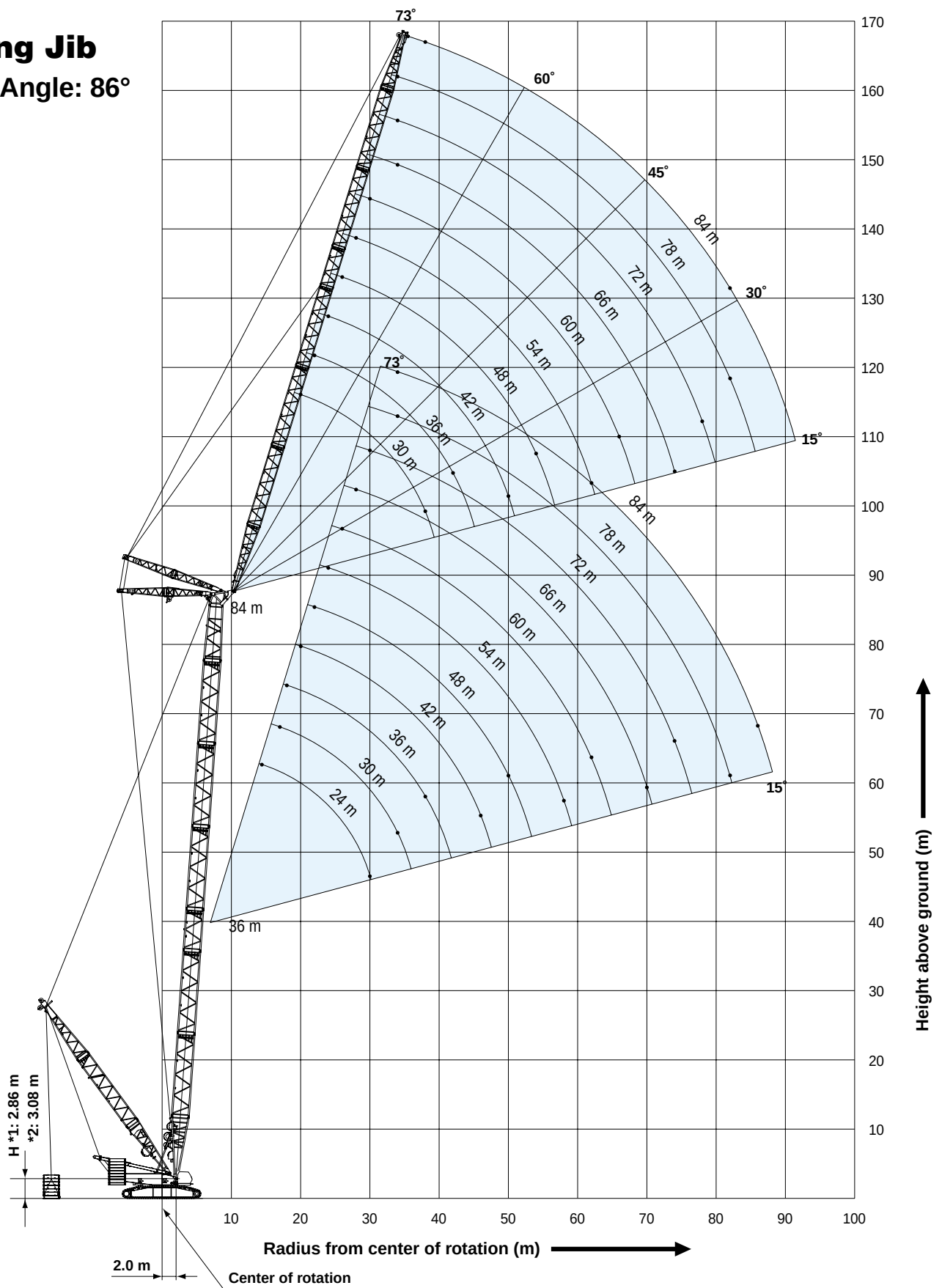
Long Boom



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

Luffing Jib

Boom Angle: 86°



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

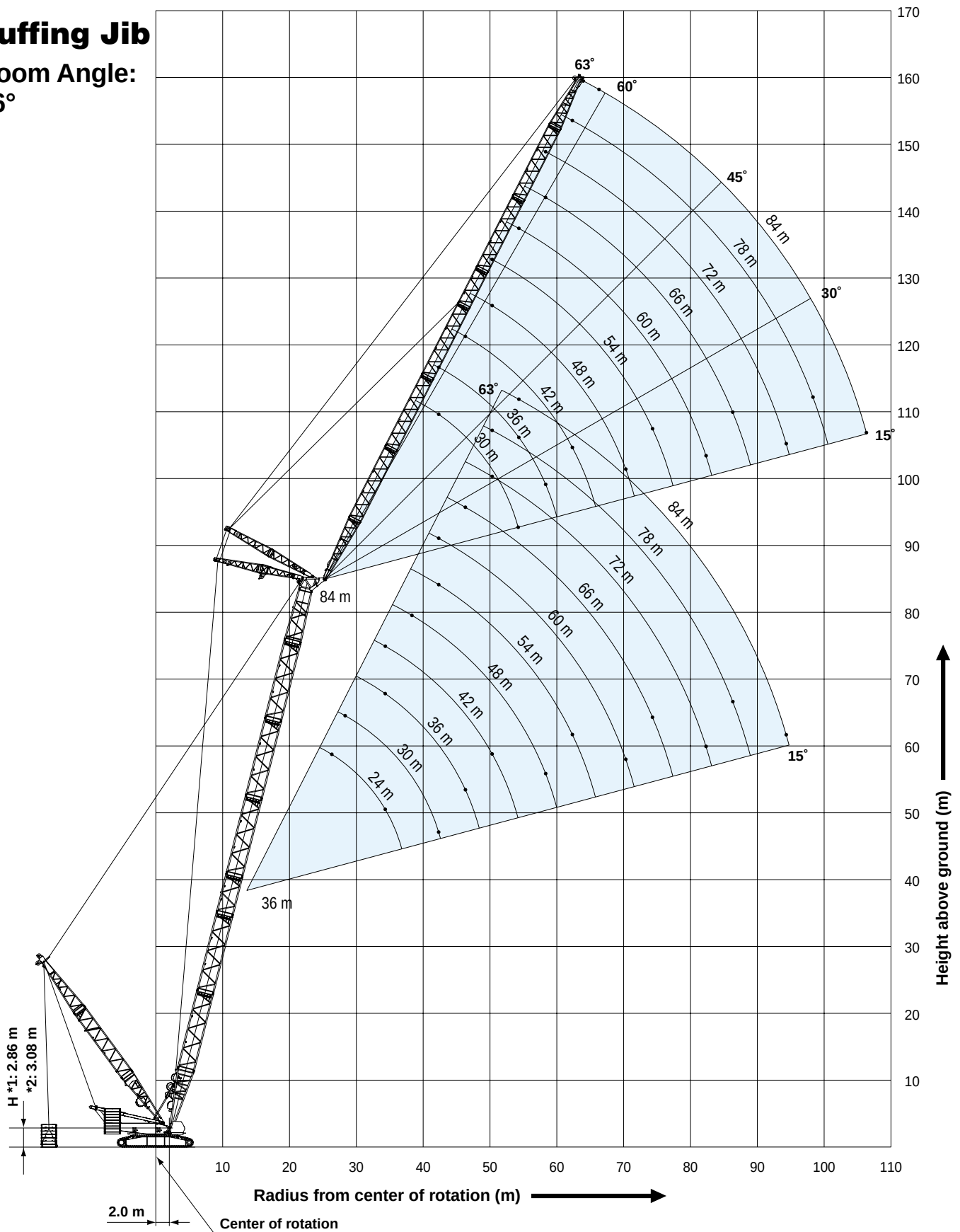
SUPER HEAVY LIFT

WORKING RANGES

Luffing Jib

Boom Angle:

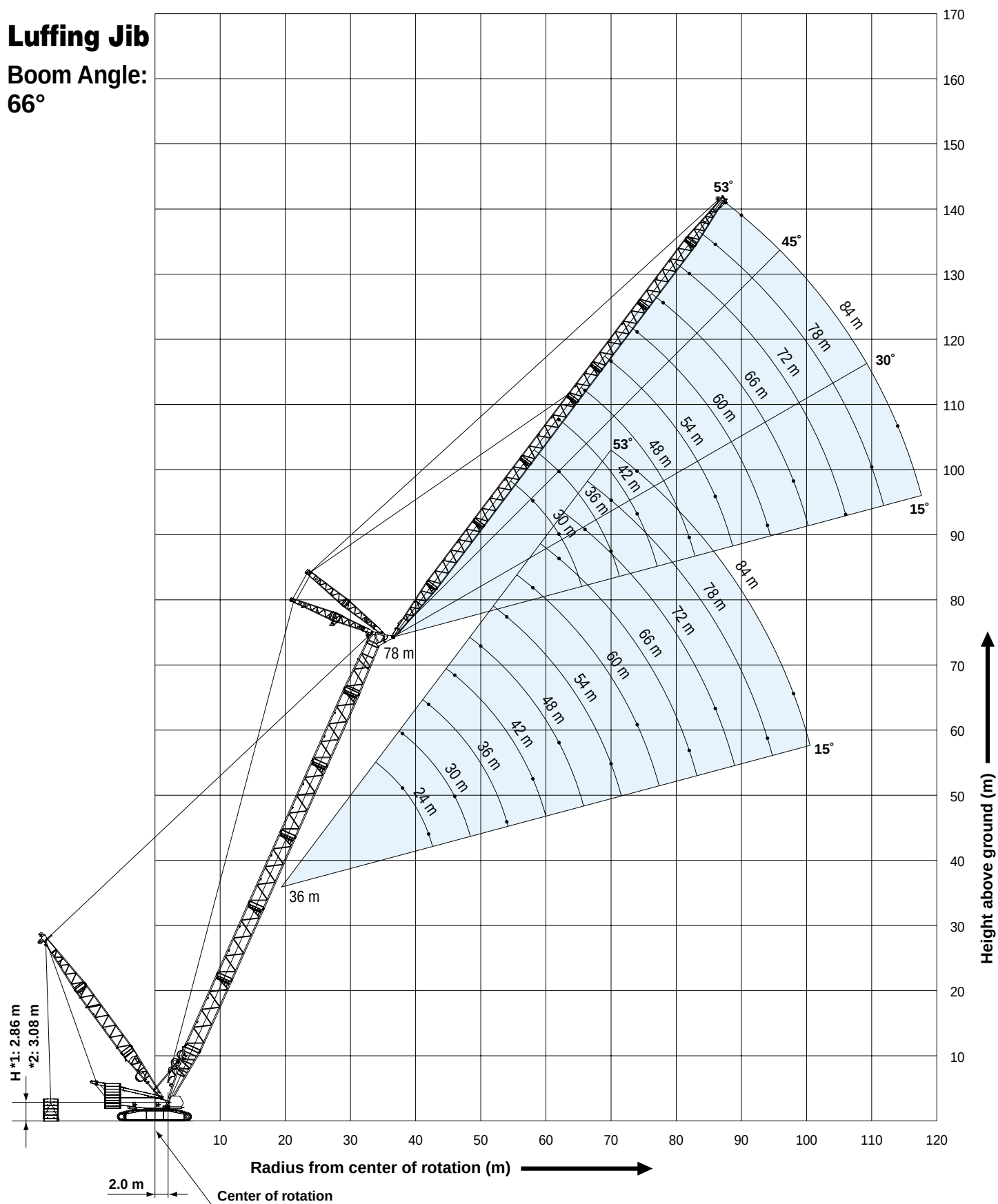
76°



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

Luffing Jib

Boom Angle:
66°



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

SUPER HEAVY LIFT

LIFTING CAPACITIES

Heavy Duty Crane Boom

Lifting Capacities

Unit: ton

Counterweight: 180.0 ton
Carbody weight: 50.0 ton
Pallet weight: 250.0 ton x 11 m

Working Radius (m)	Boom Length (m)	36.0	42.0	Boom Length (m)	Working Radius (m)
8.0	8.3 m/550.0			8.0	
9.0	544.9	9.2 m/523.4		9.0	
10.0	511.1	510.0		10.0	
12.0	428.0	427.0		12.0	
14.0	367.7	366.6		14.0	
16.0	321.8	320.8		16.0	
18.0	285.5	284.9		18.0	
20.0	255.6	255.9		20.0	
22.0	228.2	228.5		22.0	
24.0	205.8	206.0		24.0	
26.0	187.2	187.3		26.0	
28.0	170.5	171.4		28.0	
30.0	154.2	157.8		30.0	
32.0	139.6	146.0		32.0	
34.0	33.8 m/127.4	135.7		34.0	
36.0		126.3		36.0	
38.0		115.7		38.0	
40.0		39.0 m/110.5		40.0	
Reeves	44	44		Reeves	

Unit: ton

Counterweight: 180.0 ton
Carbody weight: 50.0 ton
Pallet weight: 250.0 ton x 13 m

Working Radius (m)	Boom Length (m)	36.0	42.0	Boom Length (m)	Working Radius (m)
8.0	8.3 m/550.0			8.0	
9.0	544.9	9.2 m/526.0		9.0	
10.0	537.4	519.0		10.0	
12.0	461.6	460.5		12.0	
14.0	396.6	395.6		14.0	
16.0	347.3	346.3		16.0	
18.0	308.5	307.6		18.0	
20.0	277.3	276.4		20.0	
22.0	250.3	250.5		22.0	
24.0	225.9	226.0		24.0	
26.0	204.5	205.6		26.0	
28.0	184.3	188.4		28.0	
30.0	166.7	173.6		30.0	
32.0	151.0	160.7		32.0	
34.0	33.8 m/137.7	149.1		34.0	
36.0		136.6		36.0	
38.0		125.1		38.0	
40.0		39.0 m/119.5		40.0	
Reeves	44	44		Reeves	

Unit: ton

Counterweight: 180.0 ton
Carbody weight: 50.0 ton
Pallet weight: 250.0 ton x 16 m

Working Radius (m)	Boom Length (m)	36.0	42.0	Boom Length (m)	Working Radius (m)
8.0	8.3 m/550.0			8.0	
9.0	544.9	9.2 m/527.3		9.0	
10.0	537.4	519.9		10.0	
12.0	511.5	503.7		12.0	
14.0	439.6	438.8		14.0	
16.0	385.3	384.2		16.0	
18.0	342.4	341.4		18.0	
20.0	307.9	306.9		20.0	
22.0	279.5	278.5		22.0	
24.0	250.7	253.5		24.0	
26.0	224.9	230.9		26.0	
28.0	201.5	211.7		28.0	
30.0	178.8	195.2		30.0	
32.0	157.9	179.2		32.0	
34.0	33.8 m/139.6	164.0		34.0	
36.0		148.3		36.0	
38.0		132.8		38.0	
40.0		39.0 m/124.8		40.0	
Reeves	44	44		Reeves	

Note:

Designed and rated to comply with EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Long Boom Lifting Capacities

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton
Pallet weight: 250.0 ton x 11 m, 13 m, 16 m

Working Radius (m)	Boom Length (m)	90.0	96.0	102.0	108.0	114.0	120.0	126.0	Boom Length (m)	Working Radius (m)
14.0	15.0 m/98.0	15.8 m/98.0								14.0
16.0	98.0	98.0	16.6 m/84.0	17.5 m/84.0						16.0
18.0	98.0	98.0	84.0	84.0	18.3 m/80.0	19.2 m/70.0				18.0
20.0	98.0	98.0	84.0	84.0	79.4	70.0	20.0 m/60.0			20.0
22.0	98.0	98.0	84.0	84.0	78.7	70.0	59.3			22.0
24.0	98.0	98.0	84.0	84.0	78.0	69.3	58.5			24.0
26.0	98.0	97.7	84.0	83.9	77.3	68.7	57.8			26.0
28.0	98.0	93.1	84.0	80.1	76.6	68.0	57.0			28.0
30.0	98.0	89.0	84.0	76.6	75.9	67.3	53.8			30.0
32.0	96.3	84.2	84.0	73.2	75.2	66.0	51.1			32.0
34.0	92.7	79.8	84.0	69.9	72.2	63.0	48.4			34.0
36.0	89.2	74.9	81.1	66.4	69.3	60.2	45.7			36.0
38.0	86.0	69.8	77.3	62.9	66.5	57.8	43.4			38.0
40.0	83.4	65.0	74.8	60.1	63.7	55.1	41.9			40.0
44.0	75.9	55.7	68.2	54.8	58.8	50.3	39.4			44.0
48.0	69.2	48.1	63.0	51.3	53.4	47.2	37.0			48.0
52.0	64.2	43.8	58.4	47.6	50.3	44.5	34.7			52.0
56.0	59.6	40.7	54.2	44.6	47.7	42.3	32.7			56.0
60.0	55.4	38.1	50.1	41.8	45.1	40.2	31.0			60.0
64.0	52.4	36.0	47.1	38.9	42.7	38.4	29.6			64.0
68.0	50.2	34.5	45.0	36.5	40.9	36.9	28.4			68.0
72.0	48.1	33.3	42.8	34.6	39.2	35.6	27.4			72.0
76.0	46.3	32.2	41.0	33.0	37.6	34.3	26.5			76.0
80.0	80.1 m/44.2	31.4	38.9	31.2	36.1	33.3	25.8			80.0
84.0		30.8	37.9	30.3	35.1	32.4	25.1			84.0
88.0		85.3 m/30.6	36.9	29.3	34.3	31.7	24.6			88.0
92.0			90.5 m/36.2	28.5	33.6	31.1	23.9			92.0
96.0				95.7 m/28.0	32.9	30.5	23.5			96.0
100.0					30.9	30.1	22.9			100.0
104.0					100.9 m/30.4	28.2	22.3			104.0
108.0						106.1 m/27.2	22.0			108.0
112.0							111.3 m/21.8			112.0
Reeves	7	7	6	6	6	5	5			Reeves

Note:

Designed and rated to comply with EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Luffing Boom Lifting Capacities

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton
Pallet weight: 250.0 ton x 13 m

Working Radius (m)	Boom Length (m)	36.0			42.0			48.0			54.0			60.0			Working Radius (m)
		Palette weight			Palette weight			Palette weight			Palette weight			Palette weight			
		11 m	13 m	16 m	11 m	13 m	16 m	11 m	13 m	16 m	11 m	13 m	16 m	11 m	13 m	16 m	
8.0		8.5 m/300.0	8.5 m/300.0	8.5 m/300.0												8.0	
9.0		300.0	300.0	300.0	9.3 m/300.0	9.3 m/300.0	9.3 m/300.0									9.0	
10.0		300.0	300.0	300.0	300.0	300.0	300.0	10.2 m/300.0	10.2 m/300.0	10.2 m/300.0	11.0 m/280.0	11.0 m/280.0	11.0 m/280.0	11.8 m/280.0	11.8 m/280.0	11.8 m/280.0	10.0
12.0		300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	280.0	280.0	280.0	280.0	280.0	280.0	12.0
14.0		300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	280.0	280.0	280.0	280.0	280.0	280.0	14.0
16.0		300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	280.0	280.0	280.0	280.0	280.0	280.0	16.0
18.0		283.9	300.0	300.0	282.9	300.0	300.0	281.9	300.0	300.0	280.0	280.0	280.0	279.7	280.0	280.0	18.0
20.0		253.4	275.4	300.0	253.8	274.4	300.0	252.9	273.4	300.0	251.7	272.2	280.0	250.7	271.3	280.0	20.0
22.0		226.0	248.1	277.5	226.3	248.3	276.6	226.3	247.7	275.6	225.8	246.5	274.4	225.6	245.6	273.5	22.0
24.0		203.6	223.7	248.9	203.8	223.8	251.3	203.7	223.6	251.0	203.2	223.1	250.2	203.0	222.7	249.7	24.0
26.0		185.0	202.5	223.0	185.1	203.4	228.6	184.9	203.2	228.3	184.4	202.6	227.5	184.1	202.2	227.1	26.0
28.0		168.6	182.3	199.8	169.2	186.2	209.5	169.0	185.9	209.1	168.4	185.2	208.3	168.1	184.8	207.8	28.0
30.0		152.2	164.7	177.0	155.6	171.4	193.0	155.4	171.1	192.6	154.8	170.4	191.9	154.4	170.0	191.3	30.0
32.0		137.6	149.0	156.1	143.8	158.5	177.2	143.6	158.2	178.4	142.9	157.5	177.6	142.5	157.1	177.0	32.0
34.0		33.9 m/124.8	33.9 m/135.1	33.9 m/136.8	133.5	147.1	161.9	133.2	147.0	165.9	132.6	146.3	165.1	132.1	145.8	164.5	34.0
36.0					124.2	134.5	146.4	124.1	137.1	154.9	123.4	136.3	154.1	123.0	135.8	153.5	36.0
38.0					113.6	123.0	130.7	116.0	128.2	145.1	115.3	127.5	144.3	114.8	127.0	143.7	38.0
40.0					39.1 m/107.9	39.1 m/116.9	39.1 m/122.1	108.7	120.3	134.3	108.0	119.6	135.5	107.5	119.1	134.9	40.0
42.0								102.1	112.4	123.2	101.4	112.4	127.6	101.0	112.0	127.0	42.0
44.0								95.5	103.6	111.0	95.5	106.0	120.4	95.0	105.5	119.9	44.0
46.0								44.3 m/94.2	44.3 m/102.2	44.3 m/109.1	90.1	100.1	113.1	89.6	99.6	113.4	46.0
48.0											85.2	94.7	104.6	84.7	94.3	107.4	48.0
50.0											49.5 m/81.7	49.5 m/89.7	49.5 m/97.3	80.2	89.4	102.0	50.0
52.0														76.0	84.8	96.9	52.0
54.0														72.1	80.6	90.0	54.0
56.0														54.7 m/70.8	54.7 m/79.2	54.7 m/87.2	56.0
Reeves		24	24	24	24	24	24	24	24	24	20	20	20	20	20	20	Reeves

Working Radius (m)	Boom Length (m)	66.0			72.0			78.0			84.0			Boom Length (m) Working Radius (m)
		Palette weight			Palette weight			Palette weight			Palette weight			
		11 m	13 m	16 m	11 m	13 m	16 m	11 m	13 m	16 m	11 m	13 m	16 m	
12.0	12.7 m/280.0	12.7 m/280.0	12.7 m/280.0	13.5 m/252.0	13.5 m/252.0	13.5 m/252.0							12.0	
14.0	280.0	280.0	280.0	252.0	252.0	252.0	14.3 m/213.5	14.3 m/213.5	14.3 m/213.5	15.2 m/182.8	15.2 m/182.8	15.2 m/182.8	14.0	
16.0	280.0	280.0	280.0	252.0	252.0	252.0	213.5	213.5	213.5	182.8	182.8	182.8	16.0	
18.0	278.4	280.0	280.0	252.0	252.0	252.0	213.5	213.5	213.5	182.8	182.8	182.8	18.0	
20.0	249.4	269.9	280.0	248.1	252.0	252.0	213.5	213.5	213.5	182.8	182.8	182.8	20.0	
22.0	224.9	244.3	272.2	224.1	243.0	252.0	213.5	213.5	213.5	182.8	182.8	182.8	22.0	
24.0	202.2	221.9	248.4	201.4	221.0	247.1	200.8	213.5	213.5	182.8	182.8	182.8	24.0	
26.0	183.3	201.3	226.1	182.4	200.4	225.1	181.7	199.7	213.5	180.8	182.8	182.8	26.0	
28.0	167.2	184.0	206.8	166.3	183.0	205.8	165.7	182.3	205.0	164.7	181.2	182.8	28.0	
30.0	153.5	169.1	190.3	152.6	168.1	189.3	151.9	167.3	188.5	150.9	166.3	182.5	30.0	
32.0	141.6	156.1	176.0	140.7	155.1	175.0	140.0	154.4	174.2	138.9	153.3	173.0	32.0	
34.0	131.2	144.9	163.5	130.2	143.8	162.5	129.5	143.1	161.6	128.5	142.0	160.5	34.0	
36.0	122.0	134.9	152.5	121.1	133.9	151.4	120.3	133.1	150.6	119.2	132.0	149.4	36.0	
38.0	113.9	126.0	142.7	112.9	125.0	141.6	112.1	124.2	140.8	111.0	123.1	139.6	38.0	
40.0	106.6	118.1	133.9	105.6	117.1	132.8	104.8	116.3	132.0	103.7	115.1	130.8	40.0	
42.0	100.0	111.0	126.0	99.0	109.9	124.9	98.2	109.1	124.0	97.1	108.0	122.9	42.0	
44.0	94.1	104.5	118.8	93.1	103.5	117.7	92.3	102.7	116.9	91.2	101.5	115.7	44.0	
46.0	88.7	98.7	112.3	87.6	97.6	111.2	86.9	96.8	110.4	85.7	95.6	109.2	46.0	
48.0	83.8	93.3	106.4	82.7	92.2	105.3	81.9	91.4	104.4	80.8	90.3	103.3	48.0	
50.0	79.2	88.4	100.9	78.2	87.3	99.8	77.4	86.5	99.0	76.3	85.3	97.8	50.0	
52.0	75.1	83.9	95.9	74.0	82.8	94.8	73.2	82.0	94.0	72.1	80.8	92.8	52.0	
54.0	71.2	79.7	91.3	70.2	78.6	90.2	69.4	77.8	89.3	68.2	76.6	88.2	54.0	
56.0	67.6	75.8	87.0	66.6	74.7	85.9	65.8	73.9	85.1	64.7	72.8	83.9	56.0	
58.0	64.3	72.2	83.0	63.3	71.1	81.9	62.5	70.3	81.1	61.4	69.2	79.9	58.0	
60.0	59.9 m/61.4	59.9 m/69.0	59.9 m/77.8	60.2	67.8	78.2	59.4	67.0	77.4	58.3	65.8	76.2	60.0	
62.0				57.3	64.7	74.7	56.5	63.9	73.9	55.4	62.7	72.7	62.0	
64.0				54.6	61.7	71.5	53.8	60.9	70.7	52.7	59.8	69.5	64.0	
66.0				65.1 m/53.2	65.1 m/60.2	65.1 m/69.4	51.3	58.2	67.6	50.2	57.0	66.4	66.0	
68.0							48.9	55.6	64.7	47.8	54.4	63.6	68.0	
70.0							46.7	53.2	62.0	45.6	52.0	60.9	70.0	
72.0							70.3 m/46.4	70.3 m/52.8	70.3 m/61.7	43.4	49.7	58.3	72.0	
74.0										41.4	47.6	55.9	74.0	
76.0										75.5 m/40.0	75.5 m/46.0	75.5 m/54.2	76.0	
Reeves	20	20	20	20	20	20	16	16	16	16	16	16	Reeves	

Note: Designed and rated to comply with EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Ratings enclosed in gray-color box in the table require double-drum specifications.

SUPER HEAVY LIFT

LIFTING CAPACITIES Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton
Pallet weight: 130.0 ton x 16 m

36.0 m Boom Length	Boom length (m)		36.0																		Boom length (m)		
	Jib length (m)		24.0			42.0			54.0			66.0			78.0			84.0			Jib length (m)		
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle		
Working Radius (m)	14.0	14.4m/200.0																			14.0	Working Radius (m)	
	15.0	193.2																			15.0		
	16.0	181.9																			16.0		
	17.0	175.5																			17.0		
	18.0	169.5																			18.0		
	20.0	163.4				139.6															20.0		
	22.0	158.1				133.8															22.0		
	24.0	155.5				126.8			101.5												24.0		
	26.0	145.9	154.6			120.7			99.3												26.0		
	28.0	129.4	149.5			115.5			97.1			76.0									28.0		
	30.0	98.3	143.8			111.2			94.4			74.1									30.0		
	34.0		125.2			104.4	105.8		88.2			72.1			54.8			48.4			34.0		
	38.0			105.7	89.9	101.8			81.9			69.5			53.1			47.2			38.0		
	42.0			94.6	78.0	95.6			75.6	78.9		65.6			51.2			45.8			42.0		
	46.0				64.8	86.7	82.3	69.4	78.9		61.7	68.8			49.0			42.7			46.0		
	50.0					78.8	74.8	63.7	76.1		58.1	68.8			46.6	52.0		39.7			50.0		
	54.0						68.4	56.8	70.4	66.5	53.9	67.7			44.6	50.0		37.0	39.9		54.0		
	58.0						63.0	45.3	64.7	61.1	48.0	59.8			42.2	46.8		34.5	38.3		58.0		
	62.0								58.5	56.4	42.9	53.2	53.3	39.7	44.0			32.3	35.9		62.0		
	66.0											52.3	38.4	47.6	50.0	37.4	41.4		30.3	33.6			66.0
	70.0										48.7	32.1	42.7	46.4	35.1	39.1	39.0	28.5	31.6		70.0		
	74.0												38.3	43.2	31.6	37.0	39.0	26.8	29.7	31.9	74.0		
	78.0														40.4	28.5	34.9	38.6	25.3	28.1	31.0		78.0
	82.0														37.5	23.5	31.5	36.0	22.8	26.5	29.3		82.0
	86.0																28.5	33.7	19.1	25.1	27.7		86.0
	90.0																	30.8		23.8	26.3		90.0
	94.0																	27.8		22.6	24.9		94.0
	98.0																				23.8		98.0
	Reeves		16				12			8			8			8			8				Reeves

42.0 m Boom Length	Boom length (m)		42.0																		Boom length (m)	
	Jib length (m)		24.0			42.0			54.0			66.0			78.0			84.0			Jib length (m)	
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle	
Working Radius (m)	15.0	15.4m/190.6																			15.0	Working Radius (m)
	16.0	187.1																			16.0	
	17.0	181.8																			17.0	
	18.0	177.2																			18.0	
	20.0	169.7																			20.0	
	22.0	164.4				127.7															22.0	
	24.0	158.2				122.6			94.1												24.0	
	26.0	146.3				117.2			93.1												26.0	
	28.0	132.6	153.0			111.8			90.6			74.9									28.0	
	30.0	108.4	141.7			106.2			87.7			73.6									30.0	
	34.0		123.3			95.3			81.5			70.4			52.0			46.2			34.0	
	38.0		109.0	102.9	85.2	102.4			75.1			66.7			50.2			44.9			38.0	
	42.0			92.1	76.4	94.5			68.8	84.5		62.8			48.1			43.3			42.0	
	46.0				67.6	85.3			62.9	83.4		58.9	72.9		45.8			41.6			46.0	
	50.0					77.5	72.6	57.5	75.7		54.9	72.9			43.1			39.7			50.0	
	54.0					70.9	66.4	52.6	69.1		51.1	66.9			41.1	49.7		37.2	41.6		54.0	
	58.0						61.1	47.2	63.5	59.2	47.5	61.3			38.8	47.9		34.7	39.8		58.0	
	62.0						56.5		58.7	54.6	43.2	54.9	52.2	36.5	44.9			32.5	37.1		62.0	
	66.0								51.6	50.6	38.7	49.0	48.2	34.3	42.3			30.4	34.7		66.0	
	70.0									47.1	33.5	43.9	44.7	32.2	39.9	42.8		28.6	32.6		70.0	
	74.0									44.0			39.4	41.6	30.3	37.7	39.8	26.9	30.6	33.1	74.0	
	78.0												35.3	38.9	28.5	35.7	37.0	25.3	28.8	32.1	78.0	
	82.0													36.4	24.7	32.6	34.6	21.5	27.2	30.3	82.0	
	86.0															29.5	32.3	17.6	25.7	28.6	86.0	
	90.0															26.5	30.3		24.3	27.1	90.0	
	94.0																28.4		23.1	25.7	94.0	
	98.0																			24.4	98.0	
	102.0																			23.3	102.0	
	Reeves		16				12			8			8			8			8			

Note: Designed and rated to comply with EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.
Ratings enclosed in gray-color box in the table require double-drum specifications.

Luffing Jib Lifting Capacity

Counterweight: 180.0 ton, Carbody weight: 50.0 ton
Pallet weight: 130.0 ton x 16 m

Unit: ton

48.0 m Boom Length	Boom length (m)		48.0																		Boom length (m)					
	Jib length (m)		24.0			42.0			54.0			66.0			78.0			84.0			Jib length (m)					
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle					
(m)	Working Radius	16.0	162m/190.8																			16.0	Working Radius			
		17.0	186.6																			17.0				
		18.0	181.8																					18.0		
		20.0	174.2																					20.0		
		22.0	165.1				119.4																	22.0		
		24.0	152.8				114.7			90.2															24.0	
		26.0	141.6				109.7			88.0															26.0	
		28.0	131.6	150.5			104.5			85.4			67.3												28.0	
		30.0	117.7	139.4			99.4			82.7			66.0												30.0	
		34.0		121.3			89.4			76.9			62.9			49.7			44.1						34.0	
		38.0		107.2			80.1	104.0			70.8			59.5			47.9			42.8					38.0	
		42.0				89.4	71.9	92.8			64.9	88.9			55.8			45.8			41.3				42.0	
		46.0				80.8	64.9	83.7			59.3	81.8			52.0			43.6			39.6				46.0	
		50.0						76.1	70.2	54.3	74.2			48.4	70.5			41.3			37.6				50.0	
		54.0						69.6	64.2	49.7	67.8			44.6	65.5			39.0	50.9		36.0				54.0	
		58.0							59.1	45.8	62.3	57.1	41.7	60.0			36.7	49.0		34.1	39.0				58.0	
		62.0							54.7			57.5	52.7	38.8	55.3			34.5	45.9		32.3	37.5				62.0
		66.0									53.4	48.8	36.1	51.1	46.3	32.4	43.1			30.5	35.1					66.0
		70.0										45.4	33.8	45.9	43.0	30.4	40.6			28.7	32.9					70.0
		74.0										42.4			41.2	40.0	28.6	38.4	38.1	27.0	31.0					74.0
		78.0												36.9	37.3	26.9	36.3	35.4	24.7	29.1	32.2					78.0
		82.0													34.9	24.6	33.7	33.0	20.1	27.5	31.3					82.0
		86.0													32.7			30.5	30.8	16.1	26.0	29.5				86.0
		90.0															27.5	28.9			24.6	27.9				90.0
		94.0																27.1			23.3	26.2				94.0
		98.0																25.4				24.6				98.0
		102.0																				23.1				102.0
		Reeves		16			12			8			8			8			8			Reeves				

54.0 m Boom Length	Boom length (m)		54.0																		Boom length (m)			
	Jib length (m)		24.0			42.0			54.0			66.0			78.0			84.0			Jib length (m)			
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle			
Working Radius (m)	17.0		191.0																		17.0			
	18.0		179.8																		18.0			
	20.0		167.2																		20.0			
	22.0		155.0				110.4														22.0			
	24.0		143.6				105.9														24.0			
	26.0		133.0				101.2			80.7											26.0			
	28.0		123.6				96.3			78.2			63.1								28.0			
	30.0		115.5	136.7			91.5			75.6			61.8								30.0			
	34.0			118.9			82.1			69.9			58.7			46.9			42.0		34.0			
	38.0			105.1			73.5	101.8		64.2			55.2			45.1			40.6		38.0			
	42.0				86.4	65.9	90.9			58.7			51.6			42.9			39.0		42.0			
	46.0				78.0	59.4	81.9			53.6	79.9			48.0			40.7		37.3		46.0			
	50.0						74.4			48.9	72.5			44.5	67.1			38.4		35.4		50.0		
	54.0						68.1	61.8	44.8	66.2			41.2	63.9			36.1	50.6		33.6		54.0		
	58.0						62.7	56.8	41.2	60.9			38.2	58.5			33.9	49.9		31.7	40.0	58.0		
	62.0							52.5			56.2	50.5	35.4	53.9			31.7	46.9		29.9	38.4	62.0		
	66.0							48.7			52.1	46.7	32.9	49.8			29.7	44.0		28.1	35.9	66.0		
	70.0											43.4	30.7	46.3	40.9	27.8	41.4		26.5	33.6		70.0		
	74.0											40.5		42.3	38.1	26.1	39.1	36.1	24.9	31.6		74.0		
	78.0											37.9		37.9	35.5	24.5	37.0	33.5	23.3	29.7	32.6	78.0		
	82.0														33.2	23.0	34.9	31.2	18.6	28.0	30.3	82.0		
	86.0														31.1		31.5	29.2	14.6	26.5	28.3	86.0		
	90.0														29.1		28.5	27.3		25.0	26.4	90.0		
	94.0																	25.5		23.7	24.7	94.0		
	98.0																		24.0		19.2	23.1	98.0	
	102.0																			22.5		21.7	102.0	
	106.0																					20.3	106.0	
	Reeves			16			8			8			8			8			8			Reeves		

Note: Designed and rated to comply with EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Ratings enclosed in gray-color box in the table require double-drum specifications.

SUPER HEAVY LIFT

LIFTING CAPACITIES Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton
Pallet weight: 130.0 ton x 16 m

60.0 m Boom Length	Boom length (m)		60.0																		Boom length (m)		
	Jib length (m)		24.0			42.0			54.0			66.0			78.0			84.0			Jib length (m)		
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle		
Working Radius (m)	17.0	17.8m/162.3																			17.0	Working Radius (m)	
	18.0	161.4																			18.0		
	20.0	150.8																			20.0		
	22.0	140.5			103.2																22.0		
	24.0	130.7			99.1																24.0		
	26.0	121.7			94.8			76.5													26.0		
	28.0	113.5			90.4			74.2													28.0		
	30.0	106.4			86.0			71.7			58.2										30.0		
	34.0		116.7		77.4			66.4			55.3			44.5			40.0				34.0		
	38.0		103.1		69.5			61.0			52.1			42.7			38.6				38.0		
	42.0		92.3		62.5	89.0		55.9			48.7			40.7			37.1				42.0		
	46.0			75.3	56.6	80.2		51.1	78.2		45.3			38.5			35.4				46.0		
	50.0			68.6		72.9		46.7	70.9		42.0	63.5		36.3			33.6				50.0		
	54.0					66.7		42.8	64.7		38.9	61.9		34.0			31.9				54.0		
	58.0					61.4	54.6	39.5	59.5		36.1	57.1		32.0	47.6		30.1	41.6			58.0		
	62.0						50.4		54.9	48.3	33.5	52.5		30.0	46.3		28.3	39.8			62.0		
	66.0						46.8		50.9	44.7	31.1	48.6		28.1	44.9		26.6	37.1			66.0		
	70.0								47.4	41.6	29.1	45.1	39.0	26.3	42.2		25.1	34.7			70.0		
	74.0									38.7			42.0	36.2	24.7	39.8		23.6	32.5				74.0
	78.0									36.2			39.2	33.7	23.2	37.4	31.7	21.8	30.5				78.0
	82.0											35.2	31.5	21.4	34.9	29.5	17.1	28.7	28.6				82.0
	86.0													29.5		32.6	27.5	13.1	27.1	26.5			86.0
	90.0													27.6		29.5	25.7		25.6	24.8			90.0
	94.0															26.3	24.1		24.2	23.2			94.0
	98.0																22.5		19.3	21.7			98.0
	102.0																21.1			20.3			102.0
	106.0																			19.0			106.0
	110.0																			17.8			110.0
	Reeves	12			8			8			8			8			8			Reeves			

66.0 m Boom Length	Boom length (m)		66.0																		Boom length (m)	
	Jib length (m)		24.0			42.0			54.0			66.0			78.0			84.0			Jib length (m)	
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle	
Working Radius (m)	18.0	18.5m/144.7																			18.0	Working Radius (m)
	20.0	137.9																			20.0	
	22.0	128.7			95.3																22.0	
	24.0	120.0			91.5																24.0	
	26.0	111.9			87.5			71.3													26.0	
	28.0	104.5			83.3			68.1													28.0	
	30.0	98.0			79.2			66.6			55.1										30.0	
	34.0		114.0		71.4			61.6			52.2			41.9							34.0	
	38.0		100.7		64.1			56.6			49.0			40.1			35.9				38.0	
	42.0		90.1		57.7	86.8		51.7			45.7			38.1			34.4				42.0	
	46.0				52.3	78.2		47.3	76.1		42.4			36.0			32.7				46.0	
	50.0			65.6		71.0		43.2	69.0		39.3			33.8			31.0				50.0	
	54.0			60.2		64.9		39.6	63.0		36.4	59.1		31.7			29.3				54.0	
	58.0					59.8	52.0	36.5	57.8		33.7	55.4		29.7	45.1		27.5				58.0	
	62.0						48.0		53.4		31.2	51.0		27.7	44.0		25.9	39.1			62.0	
	66.0						44.5		49.5	42.4	29.1	47.1		25.9	42.5		24.3	37.6			66.0	
	70.0						41.4		46.0	39.3	27.1	43.7		24.2	41.7		22.8	35.1			70.0	
	74.0									36.6		40.6	34.1	22.7	38.8		21.4	32.9			74.0	
	78.0									34.2		37.9	31.7	21.4	36.1		20.1	30.9			78.0	
	82.0									32.1		35.5	29.6	19.6	33.7	27.5	15.6	29.1			82.0	
	86.0												27.6		31.5	25.6	11.6	27.5	24.7		86.0	
	90.0													25.9		29.5	23.9	8.3	25.9	23.0	90.0	
	94.0													24.3		26.2	22.3		24.5	21.4	94.0	
	98.0																20.9		19.1	20.0	98.0	
	102.0																19.5			18.7	102.0	
	106.0																18.3			17.4	106.0	
	110.0																			16.3	110.0	
		Reeves	12			8			8			8			8			8			Reeves	

Note: Designed and rated to comply with EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Ratings enclosed in gray-color box in the table require double-drum specifications.

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton
Pallet weight: 130.0 ton x 16 m

Luffing Jib Lifting Capacity

72.0 m Boom Length	Boom length (m)		72.0																		Boom length (m)		
	Jib length (m)		24.0			42.0			54.0			66.0			78.0			84.0			Jib length (m)		
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle		
Working Radius (m)	18.0	19.2m/130.3																			18.0	Working Radius (m)	
	20.0	127.2																			20.0		
	22.0	119.3																			22.0		
	24.0	111.7			84.5																24.0		
	26.0	104.5			80.9			66.6													26.0		
	28.0	98.0			77.3			64.6													28.0		
	30.0	92.2			73.6			62.4			51.2										30.0		
	34.0		111.2		66.6			57.8			48.5			39.5							34.0		
	38.0		98.2		60.1			53.2			45.6			37.8			33.8				38.0		
	42.0		87.9		54.3	84.4		48.8			42.5			35.9			32.4				42.0		
	46.0				49.3	76.0		44.7			39.5			33.9			30.8				46.0		
	50.0			62.5	45.4	69.0		40.9	67.0		36.7			31.9			29.2				50.0		
	54.0			57.3		63.1		37.6	61.1		34.0	54.9		29.9			27.4				54.0		
	58.0					58.1		34.7	56.1		31.6	51.3		28.0	42.7		25.9				58.0		
	62.0					53.7	45.4		51.8		29.2	49.3		26.2	41.8		24.3	37.0			62.0		
	66.0						42.1		47.9		27.2	45.5		24.5	40.4		22.9	36.2			66.0		
	70.0						39.1		44.6	37.0	25.5	42.2		22.9	39.7		21.5	35.8			70.0		
	74.0						36.5		41.6	34.4		39.3		21.5	37.4		19.9	33.7			74.0		
	78.0									32.1		36.6	29.5	20.2	34.8		18.3	31.6					78.0
	82.0									30.1		34.2	27.5	17.6	32.4	25.5	13.9	29.7					82.0
	86.0									28.2				25.7		30.3	23.6	10.0	28.0	22.7			86.0
	90.0													24.0		28.3	22.0		26.4	21.1			90.0
	94.0													22.5		25.6	20.5		24.8	19.6			94.0
	98.0																19.1		18.7	18.2			98.0
	102.0																17.9		13.1	17.0			102.0
	106.0																16.7			15.8			106.0
	110.0																			14.7			110.0
	114.0																			13.7			114.0
	Reeves		12			8			8			8			8			8			Reeves		

78.0 m Boom Length	Boom length (m)		78.0																		Boom length (m)			
	Jib length (m)		30.0			42.0			54.0			66.0			78.0			84.0			Jib length (m)			
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle			
Working Radius (m)	20.0	20.6m/102.8																			20.0	Working Radius (m)		
	22.0	99.2																			22.0			
	24.0	93.8			77.9																24.0			
	26.0	88.5			74.7																26.0			
	28.0	83.4			71.3			59.4													28.0			
	30.0	78.6			68.0			57.4			47.7										30.0			
	34.0	69.5			61.6			53.1			45.1			37.0							34.0			
	38.0	59.8	94.5		55.6			48.9			42.4			35.3			31.6				38.0			
	42.0		84.4		50.4			44.8			39.5			33.5			30.2				42.0			
	46.0		74.2		45.8	73.9		41.1			36.7			31.6			28.6				46.0			
	50.0		64.2		42.2	66.6		37.7	64.9		34.0			29.7			27.1				50.0			
	54.0					59.1		34.6	59.2		31.5	51.3		27.8			25.5				54.0			
	58.0			48.9		52.6		32.0	53.2		29.0	49.7		26.0			24.0				58.0			
	62.0			45.2		46.6	42.8	29.9	47.9		27.1	47.4		24.3	39.5		22.5	34.9			62.0			
	66.0						39.7		43.2		25.2	44.0		22.7	38.2		21.1	34.2			66.0			
	70.0						36.9		39.0	34.7	23.6	40.8		21.2	36.7		19.8	33.7			70.0			
	74.0						34.4		35.0		32.3		37.9		19.9	35.9		18.6	32.6		74.0			
	78.0									30.1		35.3	27.4	18.7	33.5		16.3	31.3			78.0			
	82.0									28.1		33.0	25.5	15.6	31.2		12.1	29.9			82.0			
	86.0									26.4		30.9	23.8		29.1	21.7	8.4	28.4			86.0			
	90.0												22.2		27.2	20.1		27.0	19.3		90.0			
	94.0													20.7		24.5	18.7		23.6	19.2	94.0			
	98.0													19.4		18.7	17.4		17.9	17.8	98.0			
	102.0																16.2		12.6	16.5	102.0			
	106.0																15.1			15.3	106.0			
	110.0																14.1			14.2	110.0			
	114.0																			13.2	114.0			
	Reeves		8			8			8			8			8			8			Reeves			

Note: Designed and rated to comply with EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Ratings enclosed in gray-color box in the table require double-drum specifications.

SUPER HEAVY LIFT

LIFTING CAPACITIES

Luffing Jib Lifting Capacity

Unit: ton

Counterweight: 180.0 ton, Carbody weight: 50.0 ton
Pallet weight: 130.0 ton x 16 m

84.0 m Boom Length	Boom length (m)		84.0																		Boom length (m)	
	Jib length (m)		30.0			42.0			54.0			66.0			72.0			78.0			Jib length (m)	
	Boom angle		86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	Boom angle	
	Working Radius (m)																					
20.0		21.4m/92.8																			20.0	
22.0		90.8																			22.0	
24.0		83.7			75.6																24.0	
26.0		77.4			72.6																26.0	
28.0		71.7			69.5			55.5													28.0	
30.0		66.6			65.9			53.7													30.0	
34.0		57.6			58.8			49.9			40.9			38.2			34.0				34.0	
38.0		49.6			51.9			46.0			38.4			36.2			32.5				38.0	
42.0			73.6		45.9			42.3			35.9			34.1			30.8				42.0	
46.0			63.6		40.7	64.0		38.9			33.4			31.9			29.0				46.0	
50.0			55.1		35.8	56.3		35.7	55.5		31.0			29.8			27.3				50.0	
54.0			47.2			49.8		32.9	49.4		28.8			27.8			25.5				54.0	
58.0						44.2		29.5	44.2		26.7	45.2		25.9	42.0		23.9				58.0	
62.0						39.2		26.2	39.7		24.8	43.2		24.1	40.5		22.4	36.3			62.0	
66.0									35.7		23.2	40.9		22.5	39.1		20.9	35.3			66.0	
70.0									32.1		21.7	38.4		21.0	37.2		19.6	33.9			70.0	
74.0									28.8			20.5	36.0		19.8	35.2		18.4	33.1		74.0	
78.0												33.5		18.7	33.0		17.3	31.6			78.0	
82.0											29.6			30.6		13.5	29.8			82.0		
86.0											25.6			27.1			27.8			86.0		
90.0														23.7			24.8			90.0		
94.0														20.0			21.8			94.0		
98.0																	17.7			98.0		
Reeves		8			8			8			8			8			8			Reeves		

Note: Designed and rated to comply with EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

Ratings enclosed in gray-color box in the table require double-drum specifications.

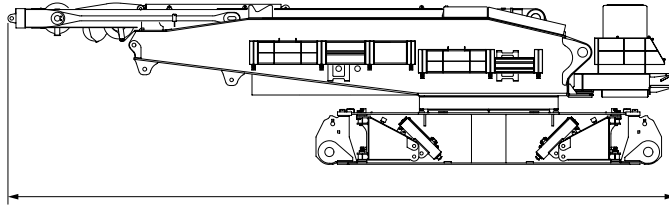
[illegible]

TRANSPORTATION PLAN

Base Machine

Base machine (1)

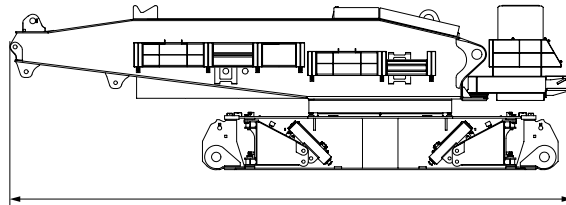
Base machine with mast and lower translifter without upper/lower connecting devices.



Weight	64,000 kg
Width	3.0 m
Height	3.4 m
(Machine)	
Length	14.25 m

Base machine (2)

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

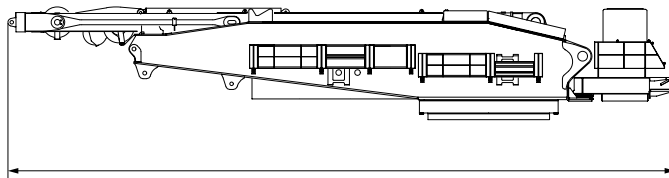


Weight	51,500 kg
Width	3.0 m
Height	3.4 m
(Machine)	
Length	11.67 m

Upper Structure

Upper Structure (1)

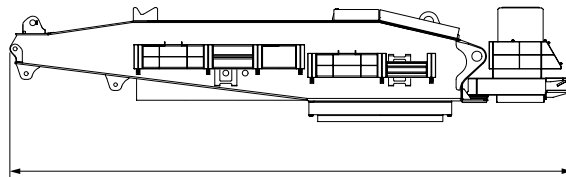
Upper structure with mast and upper connecting devices.



Weight	45,300 kg
Width	3.0 m
Height	2.37 m
(Machine)	
Length	14.25 m

Upper Structure (2)

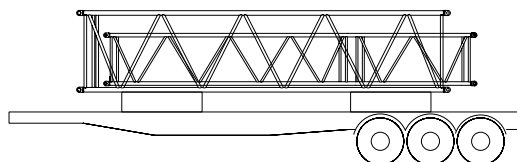
Upper structure and upper connecting devices without mast.



Weight	32,000 kg
Width	3.0 m
Height	2.37 m
(Machine)	
Length	11.67 m

Attachments

With
1 x 12 m insert boom
1 x 12 m insert jib
2 x counterweights



Weight	29,300 kg
Width	3.0 m
Height	2.9 m
(Boom)	

Upper translifter: 2,400 kg
Lower translifter: 2,300 kg
Upper connecting device: 900 kg
Lower connecting device: 2,500 kg

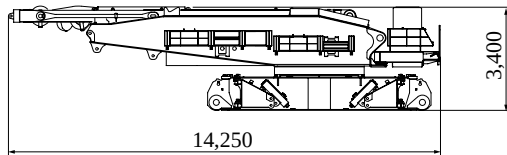
[illegible]

PARTS AND ATTACHMENTS

Base Machine

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

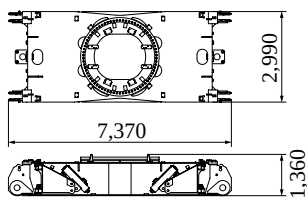
Weight: 64,000 kg Width: 3,000 mm



Carbody

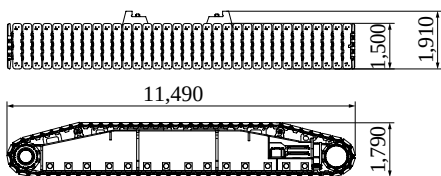
With upper/lower connecting devices.

Weight: 22,610 kg Width: 2,990 mm



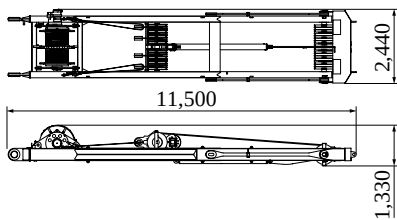
Crawler

Weight: 40,000 kg Width: 1,500 mm



Crane Mast (Standard)

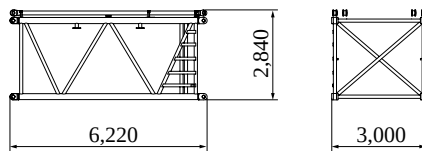
Weight: 12,460 kg



6 m Insert Boom

With 6 m guy line x 4

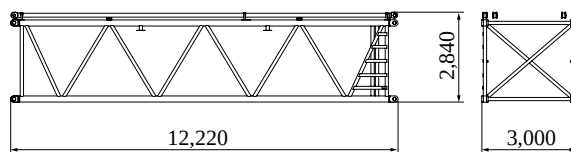
Weight: 3,760 kg



12 m Insert Boom

With 12 m guy line x 4

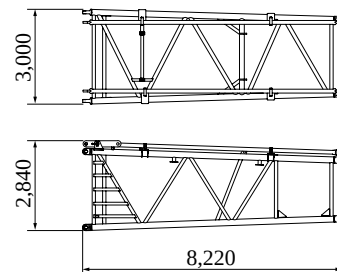
Weight: 6,570 kg



8 m Tapered Boom

With 8 m guy line x 2

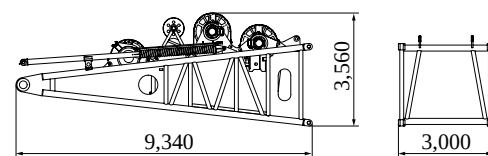
Weight: 5,150 kg



9 m Boom Base

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

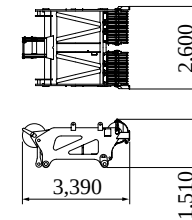
Weight: 29,280 kg



Dimensions: mm Weight: kg

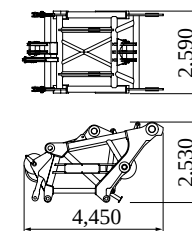
Heavy Boom Top

Weight: 4,910 kg



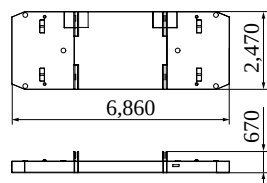
Luffing Boom Top

Weight: 5,520 kg



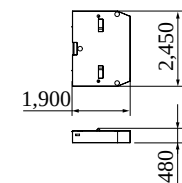
Base Counterweight

Weight: 20,000 kg



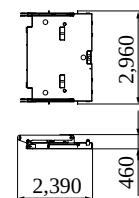
Counterweight

Weight: 10,000 kg



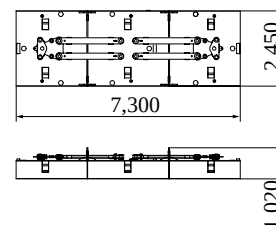
Base Carbody Weight

Weight: 5,400 kg



Base Pallet Weight

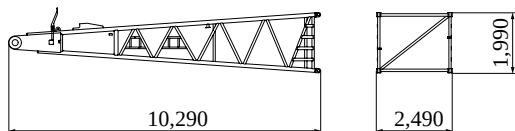
Weight: 11,000 kg



Dimensions: mm Weight: kg

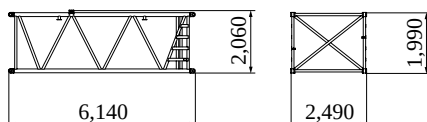
10 m Jib Base

Weight: 3,780 kg



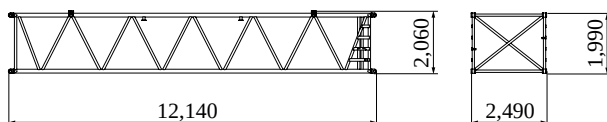
6 m Insert Jib

Weight: 1,470 kg



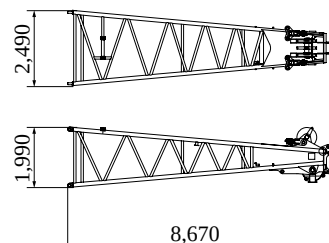
12 m Insert Jib

Weight: 2,680 kg



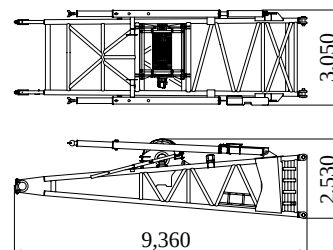
8 m Jib Top

Weight: 3,690 kg



9 m Mast Base

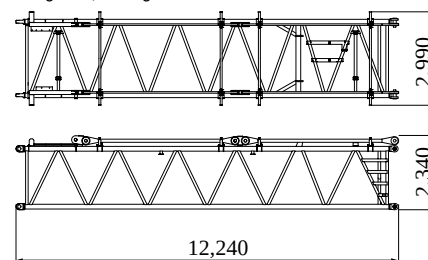
Weight: 13,700 kg



12 m Insert Mast

With guy line

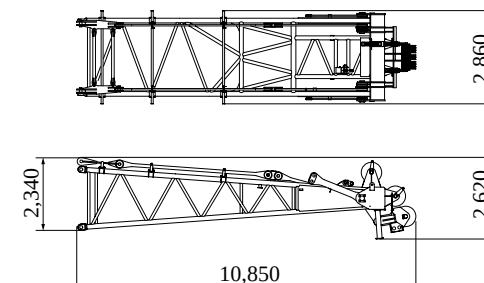
Weight: 5,650 kg



10 m mast top

With guy line

Weight: 10,080 kg



Other Attachments

Attachments	Weight	Dimensions (L x W x H)
Hanger sheave	2,010 kg	2,760 mm x 2,130 mm x 760 mm
5 m insert boom for long boom	1,790 kg	5,180 mm x 2,490 mm x 2,230 mm
Rear strut base	1,990 kg	6,820 mm x 2,590 mm x 1,620 mm
Rear strut top	2,410 kg	7,060 mm x 1,530 mm x 1,390 mm
Front strut base	1,840 kg	7,460 mm x 1,640 mm x 1,330 mm
Front strut top	3,040 kg	8,080 mm x 1,530 mm x 2,090 mm
Auxiliary sheave	650 kg	2,380 mm x 1,130 mm x 910 mm

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



Handwriting practice lines consisting of 20 horizontal rows. Each row is composed of three lines: a top blue line, a middle grey line, and a bottom blue line, providing a guide for letter height and placement.

[illegible]



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.

Copyright by KOBELCO CRANES CO., LTD. No part of this catalog may be reproduced in any manner without notice.



KOBELCO CRANES CO., LTD.

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

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

Inquiries To:

KOBELCO is the corporate mark used by Kobe Steel on a variety of products and in the names of a number of Kobe Steel Group companies.

Bulletin No. SL6000-2SPEC-EU2 090501IF Printed in Japan