

SCA3300A

CRAWLER
CRANE



330 USt (300Mt)

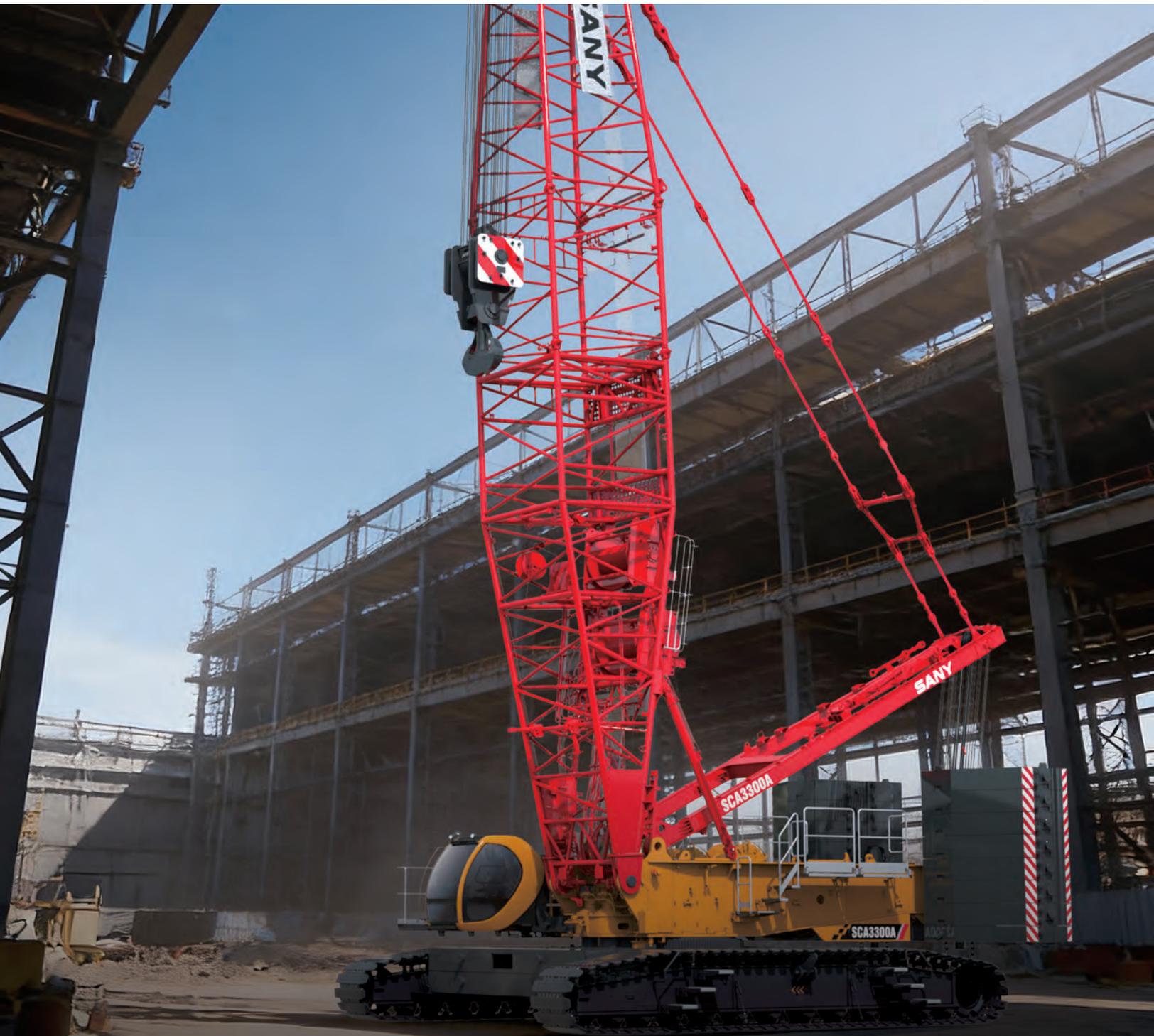


301.8 ft (92m)



173.9 ft + 377.3 ft (53m + 115m)

SANY



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01 | Selling Points

Ultimate Safety

- Standard 360° surround view with blind spot monitoring. Automatic alarm is available to warn of approaching ground personnel.

Energy Efficiency & Comfort

- Optional APU (Auxiliary Power Unit) and auxiliary heater to maintain cab comfort and reduce fuel consumption while the crane is idle.

Adaptive Visibility

- Equipped with electrochromic glass for variable tint control to enhance operator visibility under all lighting conditions.

Operator Comfort

- Air-suspended heated and cooled seat with weight adjustment system.

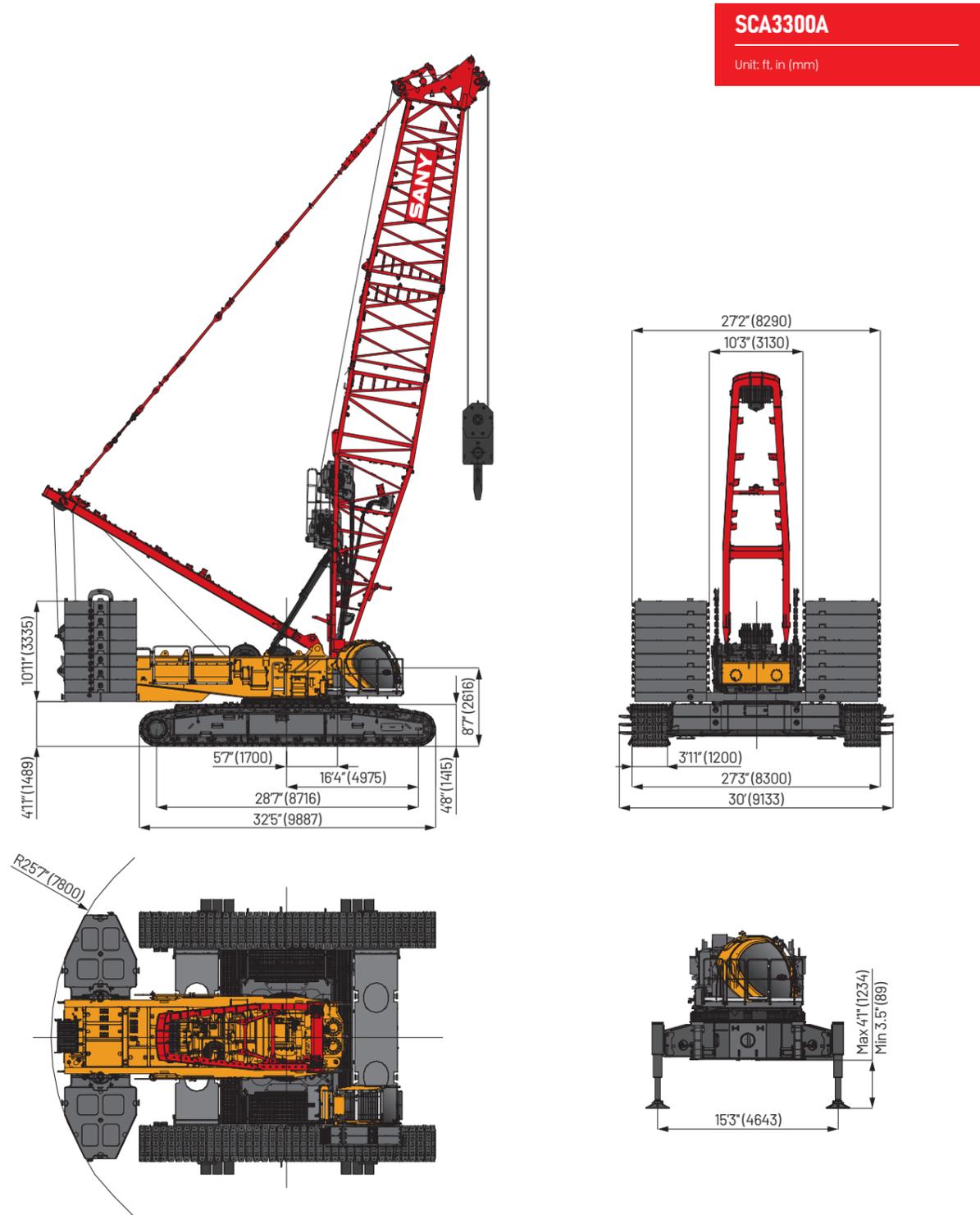
Seamless Assembly

- Single action hydraulic connection technology for faster and safer assembly.



SCA3300A
SANY CRAWLER CRANE

02 | Outline Dimension



03 | Specifications

Performance Indicators	Unit	Parameter
H Configuration		
Max. rated lifting capacity	Klb (t)	661.4 (300)
Max. rated lifting moment	Klb×ft (t · m)	634.9×19.7 (288×6)
Boom length	ft (m)	65.6~301.8 (20~92)
Boom angle	°	20~85
FJ Configuration		
Max. rated lifting capacity	Klb (t)	134.5 (61)
Longest boom + longest fixed jib	ft (m)	223+137.8 (68+42)
Boom to jib angle	°	10, 20, 30
Luffing Jib		
Max. rated lifting capacity	Klb (t)	243 (110)
Longest boom + longest luffing jib	ft (m)	173.9+377.3 (53+115)
Boom luffing angle	°	65~85
Speed		
Speed of single rope of the main/aux hoist (outermost work layer)	ft/min (m/min)	0~410.1 (0~125)
Boom hoist winch speed (outermost layer)	ft/min (m/min)	0~390.4 (0~119)
Luffing jib hoist winch speed (outermost layer)	ft/min (m/min)	0~390.4 (0~119)
Slewing speed	rpm	0~1.3
Travel speed	mph (km/h)	0.62 (0~1.0)
Gradeability	%	30
Machine Weight		
Basic boom, 282.2Klb (128t) rear counterweight, 132.3Klb (60t) carbody counterweight, 330USt hook block	Klb (t)	690 (313)
Average ground pressure	psi (kgf/cm ²)	24.9 (1.75)
Engine		
Model	-	Cummins X12-C400 (Stage V)
Output power	hp(kW)	400 (298)
Rated speed	rpm	2100
Transport		
Max transport weight (with main and aux. luffing winches, and APU)	Klb (t)	112.4 (51)
Max. transport weight (with main luffing winch, without aux. luffing winch and APU)	Klb (t)	105.8 (48)
Max. transport dimension (L × W × H)	ft (mm)	45.8×10.6×11.4 (13968×3217×3462)

04 | Transport Dimension

No.	Parts	Shape	Length ft (m)	Width ft(m)	Height ft(m)	Weight Klb(t)	Qty.
1	Basic Machine		45.8 (13.97)	10.7 (3.27)	11.4(3.46)	112.4 (51) *	1
2	Side Frame		32.4 (9.88)	5.9 (1.8)	4.6 (1.41)	54 (24.5)	2
3	Carbody Counterweight Upper		19 (5.8)	5.1 (1.56)	1.5 (0.42)	22 (10)	2
4	Carbody Counterweight Base		18.7 (5.69)	5.1 (1.56)	1.9(0.54)	44.1 (20)	2
5	Carbody walkways 1 & 2		5.9 (1.81)	3.2 (0.99)	0.4 (0.11)	0.084 (0.038)	4
6	Carbody walkway 3		12.8 (3.9)	3.3 (0.99)	0.6 (0.18)	0.062 (0.028)	2
7	Rear Counterweight Tray		27.2 (8.29)	8.5 (2.58)	2.5 (0.75)	35.3 (16)	1
8	8t Counterweight Block		8.5 (2.58)	7.9 (2.4)	1.7 (0.53)	17.6 (8)	14
9	Boom Base (with winches)		34 (10.37)	9.7 (2.95)	10.4 (3.28)	38.6 (17.5)	1
10	9.8ft (3m) Boom Insert		10.6 (3.24)	9.7 (2.95)	9.3 (2.83)	2.8 (1.25)	1
11	Boom Top		26.1 (7.97)	9.7 (2.97)	10.5 (3.2)	14.6 (6.63)	1
12	Boom Tip Extension		10 (3.05)	6 (1.82)	2.5 (0.76)	1.6 (0.71)	1
13	19.7ft (6m) Boom Insert		20.5 (6.24)	9.7 (2.95)	9.3 (2.83)	4.4 (1.99)	2
14	39.4ft (12m) Boom Insert		40.1 (12.2)	9.7 (2.95)	9.3 (2.83)	7.7 (3.49)	5
15	Jib Base, Front and Rear Mast of Luffing Jib		37.5 (11.42)	8.0 (2.44)	10.4 (3.17)	25.1 (11.37)	1

*Maximum weight of basic machine, equipped with APU and auxiliary luffing winch.

04 | Transport Dimension

No.	Parts	Shape	Length ft (m)	Width ft(m)	Height ft(m)	Weight Klb(t)	Qty.
16	19.7ft (6m) Luffing Jib Insert		20.7 (6.32)	8.0 (2.44)	6.2 (1.89)	2.6 (1.19)	2
17	39.4ft (12m) Luffing Jib Insert		40.1 (12.22)	8.0 (2.44)	6.2 (1.89)	4.7 (2.12)	7
18	Luffing Jib Top		31.7 (9.67)	8 (2.44)	6.7 (2.03)	6.7 (3.04)	1
19	Luffing Jib Tip Extension		10.1 (3.08)	2.2 (0.68)	2.9 (0.89)	1.1 (0.48)	1
20	Fixed Jib Base and Mast		25.7 (7.84)	4.9 (1.5)	7.5 (2.3)	4.4 (2.01)	1
21	Fixed Jib Top		23.5 (7.17)	4.9 (1.5)	4.8 (1.46)	3.6 (1.65)	1
22	19.7ft (6m) Fixed Jib Insert		20.2 (6.17)	5.1 (1.54)	4.7 (1.44)	1.7 (0.77)	1
23	37.7ft (11.5m) Fixed Jib Insert		38.3 (11.67)	5.1 (1.54)	4.7 (1.44)	3 (1.34)	2
24	330USt (300Mt) Hook Block		4.2 (1.28)	3.3 (1.02)	9.5 (2.91)	12.6 (5.7)	1
25	220.2USt (200Mt) Hook Block		3.1 (0.94)	3.3 (1)	8.1 (2.48)	8.6 (3.92)	1
26	110.3USt (100Mt) Hook Block		2.4 (0.74)	3.3 (1)	7 (2.14)	4.2 (1.89)	1
27	55.1USt (50Mt) Hook Block		1.4 (0.44)	3.3 (1.02)	6.9 (2.11)	3.5 (1.57)	1
28	17.6USt (16Mt) Hook Ball		1.7 (0.53)	1.7 (0.53)	3.6 (1.1)	2 (0.92)	1
29	Accessories Box		4.9 (1.5)	3.8 (1.17)	2.4 (0.73)	1.76 (0.8)	1
30	Accessories Box		3.3 (1)	2.6 (0.8)	2.7 (0.83)	1.32 (0.6)	1

Note: 1. Transport dimensions and weights do not include packaging. 2. Weight shown are calculated values. Actual weight may differ slightly. 3. Dimensions and weights are subject to change due to upgrades and revisions to components.

05 | Transport Plan

Item	Weight		Total Qty	Trailer Type																				
	Klb	t		RGN	3- axle	3-axle	Flatbed	Flatbed	Flatbed	Flatbed	Step Deck	Step Deck	Step Deck	Step Deck										
				1	2	3	4	5	6	7	8	9	10	11										
Basic Machine	112.4	51.0	1	1																				
Remove APU	-0.9	-0.4	1																					
Remove Aux. Luffing Winch	-5.7	-2.6	1																					
Left Side Frame	54.0	24.5	1		1																			
Right Side Frame	54.0	24.5	1			1																		
Carbody Walkway 1	0.084	0.038	2																					
Carbody Walkway 2	0.084	0.038	2																					
Carbody Walkway 3	0.062	0.028	2																					
Carbody Counterweight Upper	22.0	10.0	2				2																	
Carbody Counterweight Base	44.1	20.0	2					1	1															
Rear Counterweight Tray	35.3	16.0	1							1														
8t Counterweight Block	17.6	8.0	14								2	2	1	1										
Boom Base (With winches)	38.6	17.5	1																					
9.8ft (3m) Boom Insert	2.8	1.3	1																					
Boom Top	14.6	6.6	1																					
Boom Tip Extension	1.6	0.7	1							1														
19.7ft (6m) Boom Insert	4.4	2.0	2								1	1												
39.4ft (12m) Boom Insert	7.7	3.5	5										1	1										
Jib Base, Front and Rear Mast of Luffing Jib	25.1	11.4	1																					
19.7ft (6m) Luffing Jib Insert	2.6	1.2	2								1	1												
39.4ft (12m) Luffing Jib Insert	4.7	2.1	7										1	1										
Luffing Jib Top	6.7	3.0	1																					
Luffing Jib Tip Extension	1.1	0.5	1							1														
Fixed Jib Base and Mast	4.4	2.0	1																					
Fixed Jib Top	3.6	1.7	1																					
19.7ft (6m) Fixed Jib Insert	1.7	0.8	1								1													
37.7ft (11.5m) Fixed Jib Insert	3.0	1.3	2										1	1										
330Ust (300MT) Hook Block	12.6	5.7	1																					
220.2USt (200Mt) Hook Block	8.6	3.9	1																					
110.3USt (100Mt) Hook Block	4.2	1.9	1																					
55.1USt (50Mt) Hook Block	3.2	1.4	1																					
17.6USt (16Mt) Hook Ball	2.0	0.9	1																					
Accessories Box 1	1.3	0.6	1										1											
Accessories Box 2	1.8	0.8	1											1										
Total Net Weight on Trailer (t)				51	24.5	24.5	20.00	20.00	20.00	18.59	19.95	19.18	14.95	14.95										
Total Net Weight on Trailer (Klb)				112.4	54.0	54.0	44.1	44.1	44.1	41.0	44.0	42.3	33.0	33.0										

05 | Transport Plan

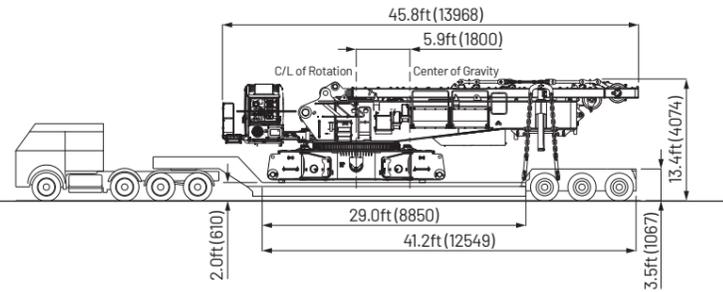
Item	Weight		Total Qty	Trailer Type																				
	Klb	t		Step Deck	Step Deck	Step Deck	Flatbed	Flatbed	RGN	RGN	RGN	Flatbed	Flatbed											
				12	13	14	15	16	17	18	19	20	21											
Basic Machine	112.4	51.0	1																					
Remove APU	-0.9	-0.4	1																					
Remove Aux. Luffing Winch	-5.7	-2.6	1																					
Left Side Frame	54.0	24.5	1																					
Right Side Frame	54.0	24.5	1																					
Carbody Walkway 1	0.084	0.038	2												1	1								
Carbody Walkway 2	0.084	0.038	2												1	1								
Carbody Walkway 3	0.062	0.028	2												1	1								
Carbody Counterweight Upper	22.0	10.0	2																					
Carbody Counterweight Base	44.1	20.0	2																					
Rear Counterweight Tray	35.3	16.0	1																					
8t Counterweight Block	17.6	8.0	14								1	1	1	2	2	1								
Boom Base (With winches)	38.6	17.5	1																					
9.8ft (3m) Boom Insert	2.8	1.3	1																					
Boom Top	14.6	6.6	1																					
Boom Tip Extension	1.6	0.7	1																					
19.7ft (6m) Boom Insert	4.4	2.0	2																					
39.4ft (12m) Boom Insert	7.7	3.5	5												1	1	1							
Jib Base, Front and Rear Mast of Luffing Jib	25.1	11.4	1																					
19.7ft (6m) Luffing Jib Insert	2.6	1.2	2																					
39.4ft (12m) Luffing Jib Insert	4.7	2.1	7												1	1	1	1	1					
Luffing Jib Top	6.7	3.0	1																					
Luffing Jib Tip Extension	1.1	0.5	1																					
Fixed Jib Base and Mast	4.4	2.0	1																					
Fixed Jib Top	3.6	1.7	1																					
19.7ft (6m) Fixed Jib Insert	1.7	0.8	1																					
37.7ft (11.5m) Fixed Jib Insert	3.0	1.3	2																					
330Ust (300MT) Hook Block	12.6	5.7	1																					
220.2USt (200Mt) Hook Block	8.6	3.9	1																					
110.3USt (100Mt) Hook Block	4.2	1.9	1																					
55.1USt (50Mt) Hook Block	3.2	1.4	1																					
17.6USt (16Mt) Hook Ball	2.0	0.9	1																					
Accessories Box 1	1.3	0.6	1																					
Accessories Box 2	1.8	0.8	1																					
Total Net Weight on Trailer (t)															13.61	13.61	13.61	18.22	18.22	15.88	17.5	17.99	3.66	10.28
Total Net Weight on Trailer (Klb)															30.0	30.0	30.0	40.2	40.2	35.0	38.6	39.7	8.1	22.7

05 | Transport Plan

Load 1

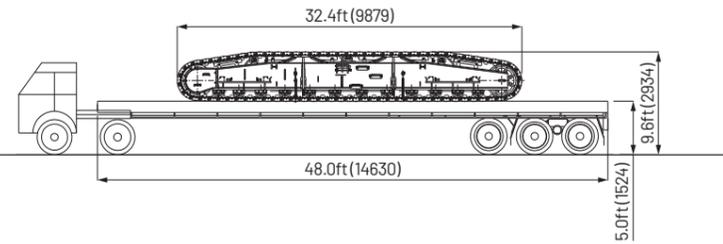
Quantity	▪ 1
Part (s)	▪ Basic Machine×1
Weight/Klb(t)	▪ 112.4 (51)*

* 111.5 (50.6) without APU
 * 105.8 (48) without aux. luffing winch and APU



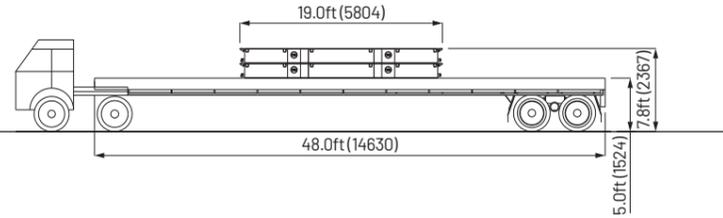
Load 2-3

Quantity	▪ 2
Part (s)	▪ Left/Right Side Frame×1
Weight/Klb(t)	▪ 54 (24.5)



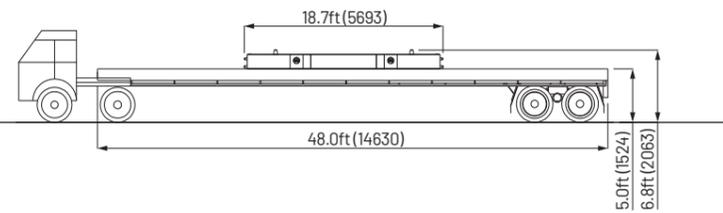
Load 4

Quantity	▪ 1
Part (s)	▪ Carbody Counterweight Upper×2 ▪ Walkway board
Weight/Klb(t)	▪ 44.1 (20)



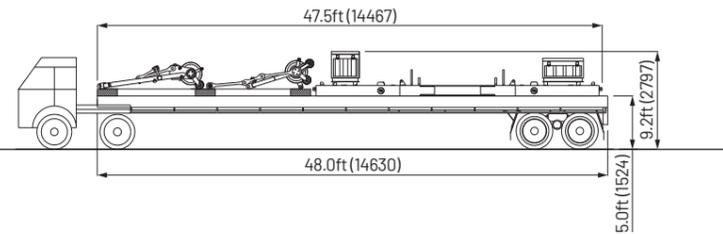
Load 5-6

Quantity	▪ 2
Part (s)	▪ Carbody Counterweight Base×1
Weight/Klb(t)	▪ 44.1 (20)



Load 7

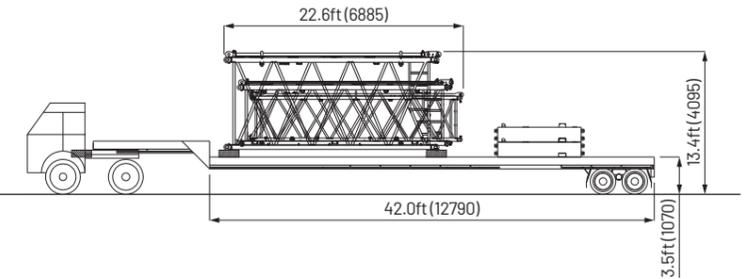
Quantity	▪ 1
Part (s)	▪ Rear Counterweight Tray×1 ▪ Boom Extension×1 ▪ Luffing Jib Extension×1 ▪ Accessories Box 1×1 ▪ Accessories Box 2×1
Weight/Klb(t)	▪ 18.59 (41.0)



05 | Transport Plan

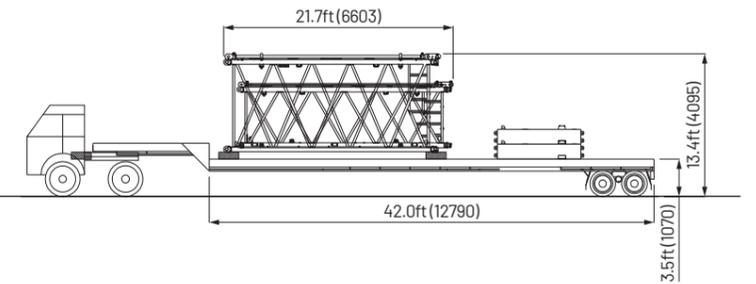
Load 8

Quantity	▪ 1
Part (s)	▪ 8t Counterweight Block×2 ▪ 19.7ft (6m) Boom Insert×1 ▪ 19.7ft (6m) Luffing Jib Insert×1 ▪ 19.7ft (6m) Fly Jib Insert×1
Weight/Klb(t)	▪ 44 (19.95)



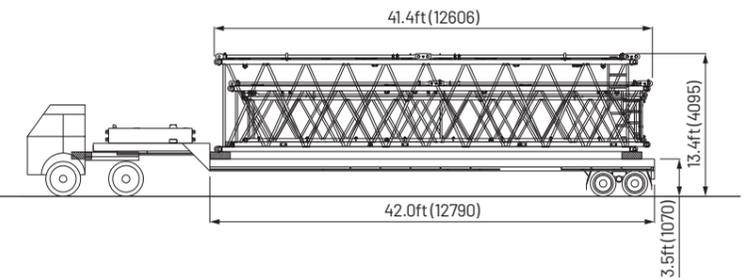
Load 9

Quantity	▪ 1
Part (s)	▪ 8t Counterweight Block×2 ▪ 19.7ft (6m) Boom Insert×1 ▪ 19.7ft (6m) Luffing Jib Insert×1
Weight/Klb(t)	▪ 42.3 (19.2)



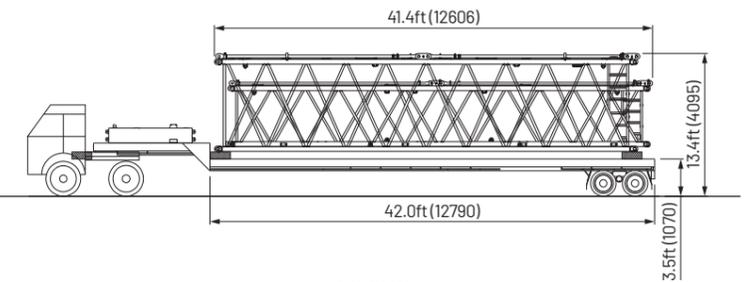
Load 10-11

Quantity	▪ 2
Part (s)	▪ 8t Counterweight Block×1 ▪ 39.4ft (12m) Boom Insert×1 ▪ 39.4ft (12m) Luffing Jib Insert×1 ▪ 37.7ft (11.5m) Fly Jib Insert×1
Weight/Klb(t)	▪ 33 (14.95)



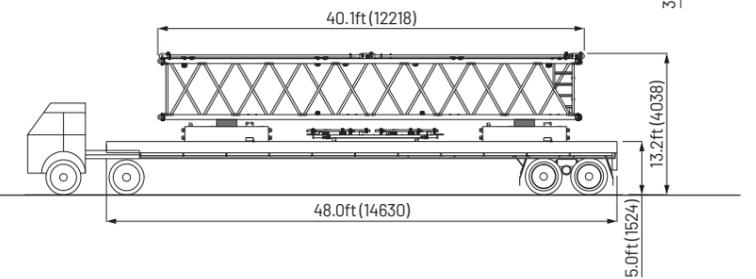
Load 12-14

Quantity	▪ 3
Part (s)	▪ 8t Counterweight Block×1 ▪ 39.4ft (12m) Boom Insert×1 ▪ 39.4ft (12m) Luffing Jib Insert×1
Weight/Klb(t)	▪ 30 (13.6)



Load 15-16

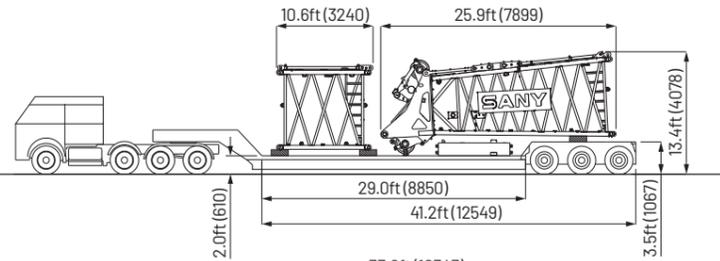
Quantity	▪ 2
Part (s)	▪ 8t Counterweight Block×2 ▪ 39.4ft (12m) Luffing Jib Insert×1 ▪ Carbody Walkways×1
Weight/Klb(t)	▪ 40.2 (18.2)



05 | Transport Plan

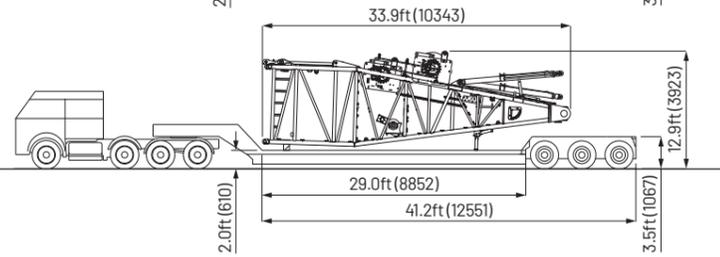
■ Load 17

Quantity	• 1
Part (s)	• 8t Counterweight Block×1 • 9.8ft (3m) Boom Insert×1 • Boom Top×1
Weight/Klb(t)	• 35 (15.88)



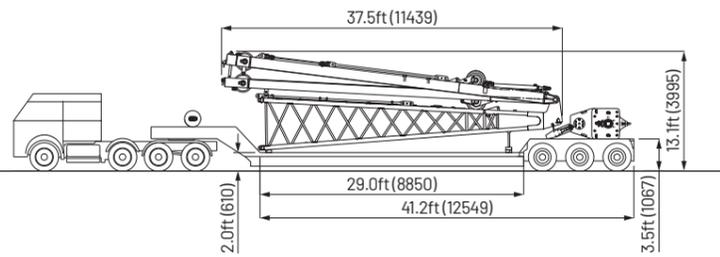
■ Load 18

Quantity	• 1
Part (s)	• Boom Base (With winches)×1
Weight/Klb(t)	• 38.6 (17.5)



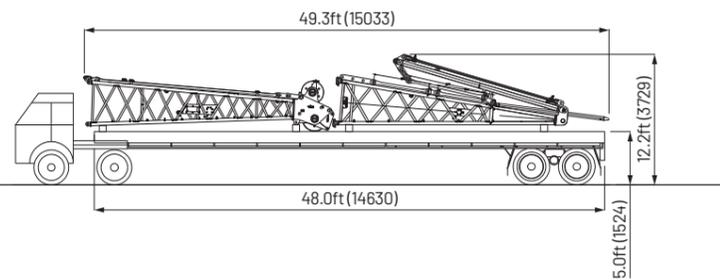
■ Load 19

Quantity	• 1
Part (s)	• Jib Base, Front and Rear Mast of Luffing Jib×1 • 330USt (300Mt) Hook Block×1 • 17.6USt (16Mt) Hook Ball×1
Weight/Klb(t)	• 39.7 (17.99)



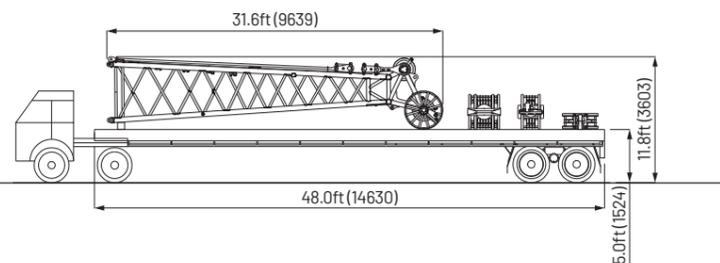
■ Load 20

Quantity	• 1
Part (s)	• Fly Jib Base and Mast×1 • Fly Jib Top×1
Weight/Klb(t)	• 8.1 (3.66)



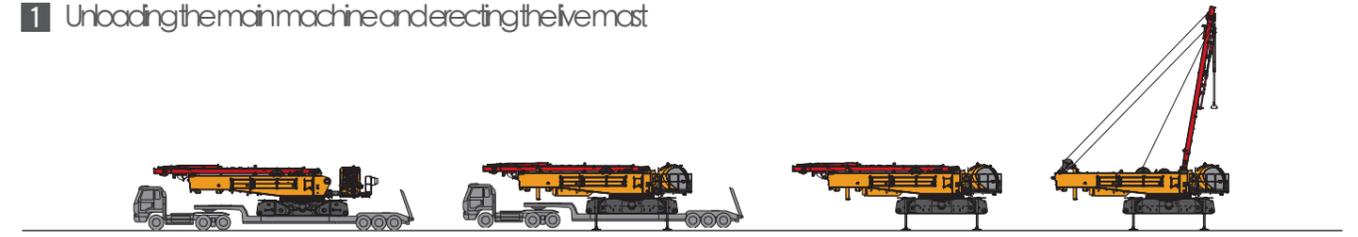
■ Load 21

Quantity	• 1
Part (s)	• Luffing Jib Top×1 • 220.2USt (200Mt) Hook Block×1 • 110.3USt (100Mt) Hook Block×1 • 55.1USt (50Mt) Hook Block×1
Weight/Klb(t)	• 22.7 (10.28)

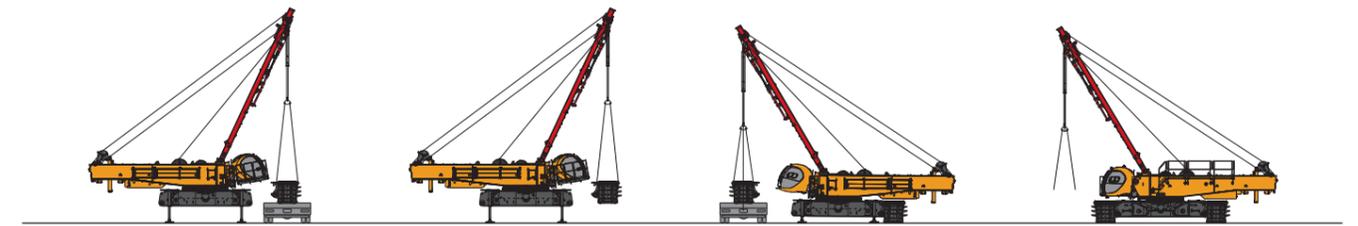


06 | Self-assembly Plan

1 Unloading the main machine and erecting the live mast

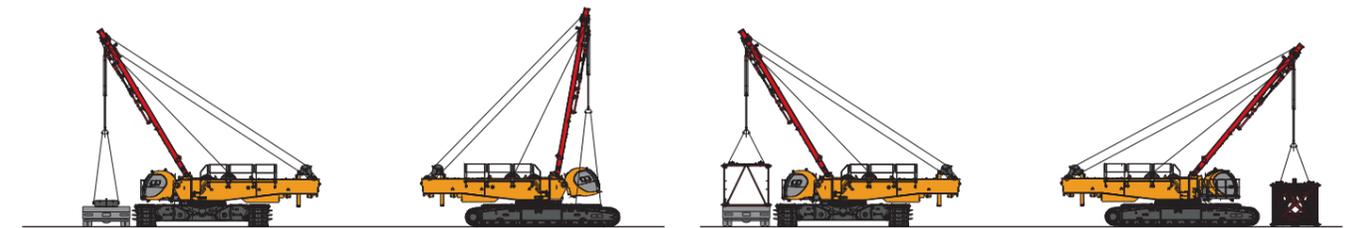


2 Self-assembly of track frame

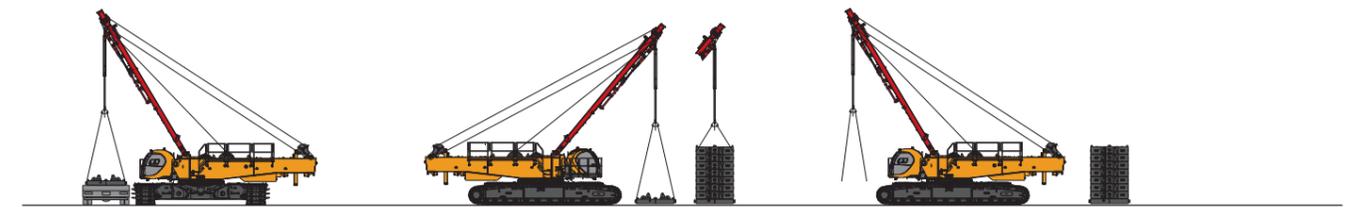


3 Self-assembly of carbody counterweight

4 Self-assembly of boom/jib



5 Self-assembly of rear counterweight



6 Self-assembly of boom base



07 | Main Characteristics

1 Product Specification

Cab and Comfort

- Spacious PORSCHE designed operator cab.
- Sliding door.
- Fully enclosed steel frame cab with panoramic view.
- Variable electro-tinting tempered glass for custom glass tint under all lighting conditions.
- 25° cab tilt.
- Air suspension seats with weight adjustment system.
- Dual 12.8" touch screen display with simple user-friendly interface and built-in diagnostic tools.
- Dedicated camera display monitor.
- Armrest control console with dual axis control levers. Adjusts independently from seat assembly to accommodate any operator.
- Ergonomic control layout.
- Powerful air conditioning and heating.

Engine

- Cummins X12 - C400 (Stage V).
- Rated power: 400 HP.
- Rated speed: 2,100 rpm.
- Max. output torque: 1,600 ft · lb.
- Speed at maximum output torque: 1,400 rpm.
- 800L (211 gallons) fuel capacity.

Hoist Winches

- Independent main and auxiliary hoist winches with integrated maintenance free, spring applied, hydraulically released wet brakes.
- Variable displacement winch motor for optimal lifting performance.
- High strength rotation resistant wire rope.
- Grooved drum for multi-layer spooling.
- Quick reeve rope and socket.

Main Hoist Winch	Drum diameter (non free fall)	2'1" (626mm)
	Rope speed on the outermost work layer (non free fall)	0~410ft/min (0~125m/min)
	Wire rope diameter	1" (26mm)
	Wire rope length for main hoisting winch	2624ft (800m)
	Rated single line pull	32.2Klb (14.6t)
Auxiliary Hoist Winch	Drum diameter (non free fall)	2'1" (626mm)
	Rope speed on the outermost work layer (non free fall)	0~410ft/min (0~125m/min)
	Wire rope diameter	1" (26mm)
	Wire rope length for main hoisting winch	1870ft (570m)
	Rated single line pull	32.2Klb (14.6t)

Luffing Winches

- Grooved drum for reliable spooling
- Integrated maintenance-free wet brakes with automatic pawl locks.
- Suitable for precision inching

Main Hoisting Mechanism	Drum diameter	2'2" (650mm)
	Rope speed on the outermost work layer	0~390ft/min (0~119m/min)
	Wire rope diameter	1" (26mm)
	Wire rope length of boom luffing winch	1230ft (375m)
	Rated single line pull	48.5Klb (22t)
Auxiliary Hoisting Mechanism	Drum diameter	1'9" (536mm)
	Rope speed on the outermost work layer	0~390ft/min (0~119m/min)
	Wire rope diameter	1" (26mm)
	Wire rope length of boom luffing winch	1230ft (375m)
	Rated single line pull	48.5Klb (22t)

07 | Main Characteristics

1 Product Specification

Slewing

- Dual swing motors for precise 360° rotation.
- 1.3 rpm max slewing speed.
- Free swing and power swing modes.
- 4-position hydraulic house lock pin.
- 3 row roller bearing, external gear slewing bearing.

Carbody and Crawler Frames

- Independent hydraulic drive motors.
- Pick and carry 100% of the rated load chart.
- Maximum travel speed: 0.62mph (1.0km/h).
- Casted high strength 47" (1.2m) track shoes.
- Manual track tensioning.
- Single action quick hydraulic connection system.
- Crawlers mounted onto high strength fully welded carbody frame. Easy assembly with hydraulic connection pins.
- 30% gradeability.

Counterweight

Name	Qty.	Unit Weight	Total Weight
Carbody Counterweight Upper	2	22Klb (10t)	44Klb (20t)
Carbody Counterweight Base	2	44.1Klb (20t)	88.2Klb (40t)
Rear Counterweight	14	17.6Klb (8t)	246.4Klb (112t)
Rear Counterweight Tray	1	35.2Klb (16t)	35.2Klb (16t)

Hydraulic System

- Open loop, load sensing hydraulic system. 326MPa (4641psi) system pressure.
- Electric solenoid valves provide precise hydraulic operation and control.
- Hydraulic boom backstop is integrated into the main hydraulic system to ensure safe, reliable, and maintenance free performance.
- Multi-connect quick disconnects for quick assembly and disassembly.
- 815L (215 gallon) hydraulic oil reservoir.

Boom

- Boom length ranges from 66ft (20m) to 302ft (92m) by 10ft (3m) increments.
- Composition: Boom base 33ft (10m)×1, boom top 23ft (7m)×1, insert section 10ft (3m)×1, and insert section 20ft (6m)×2 and 39.4ft (12m)×5. Boom tip extension is 8.6ft (2.6m) which can be installed on the boom top.

Fixed Jib

- Fixed jib length ranges from 43ft (13m) to 138ft (42m), by 20ft (6m) and 137.7ft (11.5m) increments, and can be installed on boom lengths of 66ft (20m) - 223ft (68m) boom length.
- Composition: Jib base 21ft (6.5m)×1, jib insert 20ft (6m)×2 and 38ft (11.5m)×2, and jib top 21ft (6.5m)×1.

Luffing Jib

- The length of the luffing jib ranges from 82ft (25m) to 377.3ft (115m), by 20ft (6m) increments and can be installed on boom lengths of 66ft (20m) - 203ft (62m).
- Composition: Jib base 32.8ft (10m)×1, 20ft (6m)×2, jib insert 39.4ft (12m)×7, and jib top 29.5ft (9m)×1. The luffing jib tip extension can be installed on the luffing jib top.

Hook Block

Hook Type	Rated Capacity	No. of Sheaves	Unit Weight	Remark
Hook Block	330USt (300Mt)	11	12.6Klb (5.7t)	Optional
Hook Block	220.3USt (200Mt)	7	8.6Klb (3.92t)	Standard
Hook Block	110.1USt (100Mt)	3	4.2Klb (1.89t)	Standard
Hook Block	55.1USt (50Mt)	1	3.2Klb (1.43t)	Standard
Hookball	17.6USt (16Mt)	0	2Klb (0.92t)	Standard

07 | Main Characteristics

2 Safety Equipment

Load Moment Limiter

- Proprietary SANY load moment limiter system is optimized for SANY crane systems.
- Continuously monitor load on hook, radius, boom and jib angles, ground bearing pressure, crane level, and wind speed.
- Easy, intuitive set up.
- Automatic function kickout.
- Automatic audible and visual alarms.
- All available rated load charts are integrated into the system.
- Full color high-definition touch screen display.
- Electronic level indicator.
- Live ground bearing pressure calculations.

Over-hoist Protection

- Anti-two block switches to prevent over-hoisting the block.

3rd Wrap Protection

- Standard 3rd wrap detection switch on all winches to maintain safe amounts of rope on the drum.

Assembly/Work Mode Switch

- Assembly mode switch allows quick and easy self-assembly by allowing limited operation until all safety devices have been connected.
- Dedicated assembly load charts.
- Work mode enables all safety limits to ensure safe operation.

Crane Boom/Jib Limit Device

- Boom and jib angle detection devices will monitor boom angle and jib angle. Automatic boom hoist and jib hoist functions kick out when the angle limit for the respective attachment is met or exceeded.
- Maintenance free hydraulic boom backstop integrated into the main hydraulic system for continuous and constant pressure to safely prevent boom overhaul.
- Jib backstop to prevent jib overhaul.

Standard Light and Camera Package

- Standard high-definition, remote zoom camera on boom tip.
- High definition, full color night vision cameras on each winch and at the rear of rotating bed. Cameras also equipped on left and right side of the crane for 360° view of work area.
- Maximum visibility with standard lighting package. High output LED work lights.
- 360° work area intrusion detection.

Winch Brakes

- Spring applied, hydraulically released maintenance free wet brakes.
- Automatic pawl locks on main and auxiliary luffing winches.

Fault Diagnosis System

- Integrated black box records crane operations, overload events, and errors.
- Fault codes and fault descriptions automatically identify system errors.

07 | Main Characteristics

2 Safety Equipment

Aircraft Warning Light

- Solar powered aircraft warning light.
- Up to 30 hours of operational time.

Anemometer

- Relocatable wired anemometer.
- Real time wind speed displayed in cab monitor.

Boom Angle Indicator

- Pendulum style angle indicator fixed on the side of the boom base.

Hook Latch

- Lifting hook is installed with a spring-loaded latch to ensure secure rigging.

Swing and Travel Alarm

- Automatically activated alarms during swing and travel operations.

Hydraulic Function Lock

- All hydraulic functions are safely and comprehensively disabled using the function lockout lever.
- Seat safety switch requires operator weight to enable hydraulic functions.

Engine Stall Protection

- Dynamic engine output monitoring to prevent stalling.

Proactive Safety Control Technology

- Option to automatically reduce the slewing speed depending on boom length.
- Option to automatically reduce function speed when approaching safety limits.
- Real time hydraulic oil temperature monitoring. Automatically limits functions according to the hydraulic oil temperature for optimal protection of hydraulic components.

08 | Boom Configurations



Configuration	Boom Combination	Combination Length
H	Main Boom	65.6~301.8ft (20~92m)
FJ	Boom + Fixed Jib	223.1+42.7ft (68+13m) / 223.1+137.8ft (68+42m)
LJ	Boom + Luffing Jib	203.4+141.1ft (62+43m) / 173.9+377.3ft (53+115m)

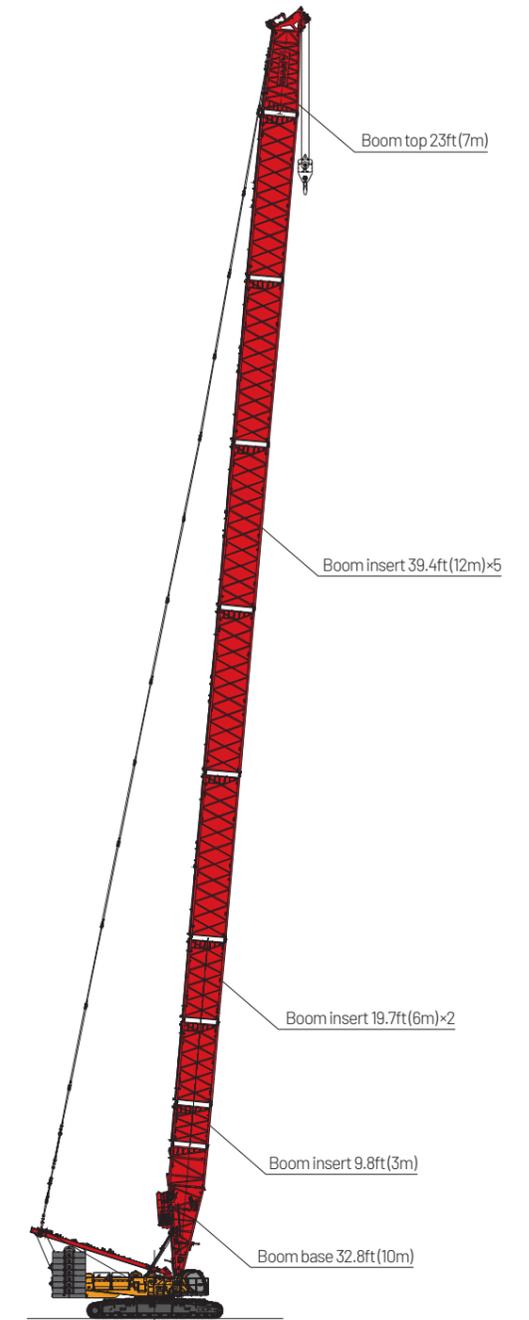
Note: The schematics above are reference for loading only.

08 | Boom Configurations

H configuration

Boom length (ft)	Boom length (m)	Inserts		
		9.8ft(3m)	19.7ft(6m)	39.4ft(12m)
65.6	20	1	-	-
75.5	23	-	1	-
85.3	26	1	1	-
95.1	29	-	-	1
105.0	32	1	-	1
114.8	35	-	1	1
124.7	38	1	1	1
134.5	41	-	-	2
144.4	44	1	-	2
154.2	47	-	1	2
164.0	50	1	1	2
173.9	53	-	-	3
183.7	56	1	-	3
193.6	59	-	1	3
203.4	62	1	1	3
213.3	65	-	-	4
223.1	68	1	-	4
232.9	71	-	1	4
242.8	74	1	1	4
252.6	77	-	-	5
262.5	80	1	-	5
272.3	83	-	1	5
282.2	86	1	1	5
292.0	89	-	2	5
301.8	92	1	2	5

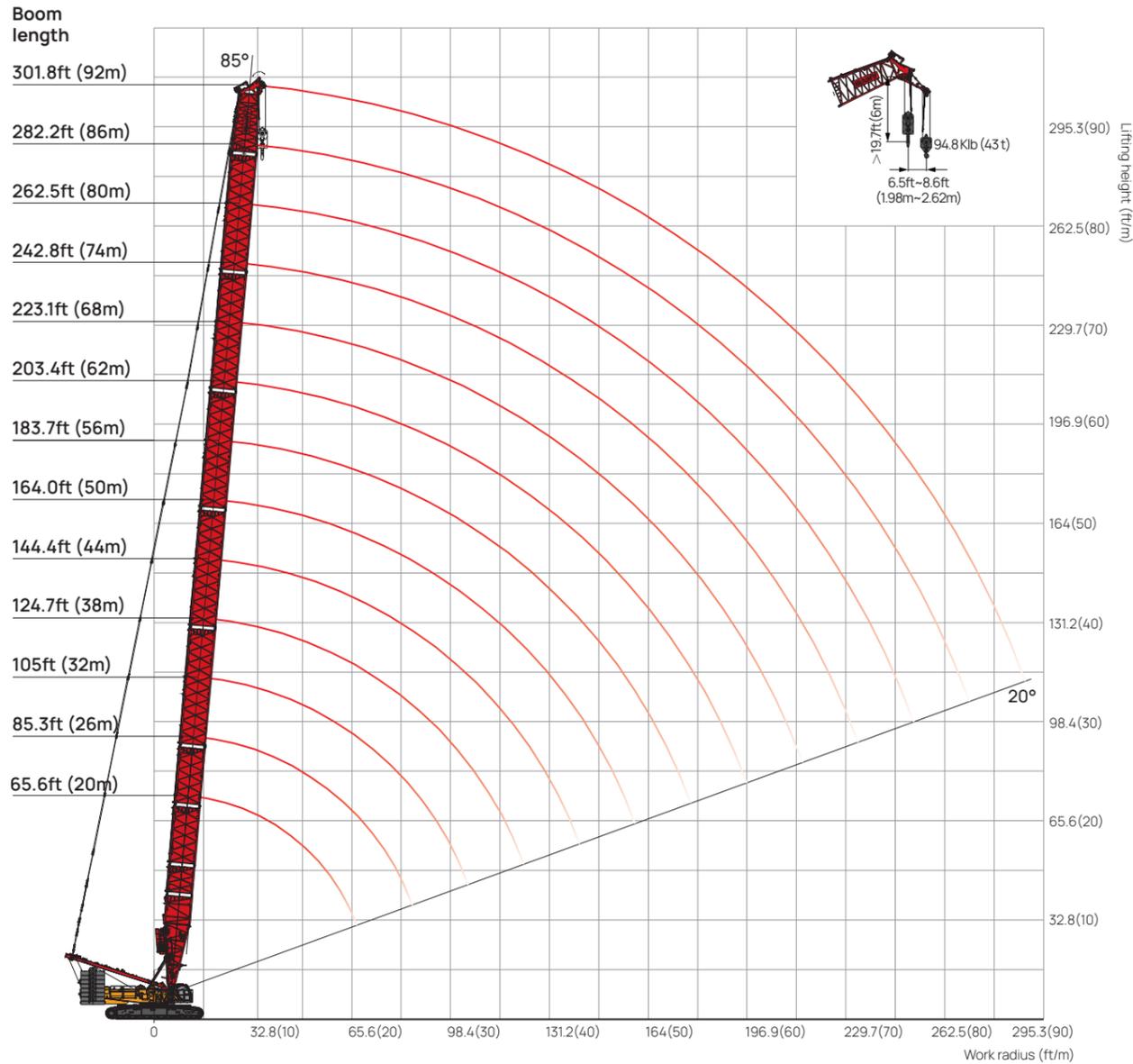
Note: 65.6ft (20m) basic boom consists of 32.8ft(10m) boom base, 9.8ft (3m) inserts section and 23ft (7m) boom top.



H
65.6~301.8ft (20~92m)

08 Working Radius

H configuration



08 Load Chart

H configuration

Unit: Klb

ft	Boom length 65.6~301.8ft, Rear counterweight 282.2Klb, Carbody counterweight 132.3Klb, 0.57°												ft	
	65.6	75.5	85.3	95.1	105	114.8	124.7	134.5	144.4	154.2	164	173.9		183.7
22					564	551	529	508						22
24					515	514	513	508	467	440	413			24
26			474	474	473	472	471	471	467	440	413	385	378	26
28	439	439	438	438	437	437	436	435	434	434	413	385	378	28
30	408	408	407	407	406	406	405	405	403	403	402	385	376	30
35	346	346	345	345	344	344	343	343	342	341	340	339	338	35
40	299	299	299	299	298	298	297	296	295	295	294	293	292	40
45	263	263	262	263	262	261	260	260	259	259	257	257	256	45
50	234	234	234	234	233	233	232	231	230	230	229	228	227	50
55	210.5	210.8	210.2	210.6	209.8	209.3	208.4	208.2	207.2	206.5	205.5	205.1	204.1	55
60	190.5	191	190.5	190.8	190	189.6	188.7	188.5	187.5	186.9	185.8	185.4	184.4	60
65	173.6	174.1	173.7	174.1	173.3	172.9	172	171.8	170.9	170.2	169.2	168.8	167.8	65
70		159	159.3	159.7	159	158.6	157.7	157.5	156.6	155.9	154.9	154.5	153.5	70
75		143.8	144.8	145.9	146	146.2	145.3	145.1	144.2	143.6	142.5	142.2	141.1	75
80			131.9	133.2	133.3	133.4	133.2	133.3	133	132.7	131.7	131.3	130.3	80
85			120.6	122.1	122.3	122.5	122.2	122.4	122	121.7	121.2	121	120.5	85
90				112.3	112.6	112.8	112.6	112.8	112.4	112.1	111.6	111.5	110.9	90
95				103.6	104.1	104.4	104.2	104.4	104	103.7	103.2	103	102.5	95
100					96.4	96.8	96.7	96.9	96.5	96.2	95.7	95.5	95	100
105					89.5	90	89.9	90.2	89.8	89.5	89	88.8	88.3	105
110						83.9	83.8	84.1	83.8	83.5	83	82.8	82.3	110
115							78.3	78.6	78.3	78.1	77.6	77.4	76.8	115
120							73.2	73.6	73.3	73.1	72.6	72.5	71.9	120
130								64.8	64.6	64.4	64	63.8	63.3	130
140									57.1	57	56.6	56.5	55.9	140
150										50.6	50.2	50.2	49.7	150
160											44.6	44.7	44.2	160
170												39.7	39.3	170
180														180
190														190
200														200
210														210
220														220
230														230
240														240
250														250
260														260
270														270

Conforms to ANSI/ASME B30.5, tested per SAE J987 and SAE J765.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 | Load Chart

H configuration

Unit: Klb

ft	Boom length 65.6~301.8ft, Rear counterweight 282.2Klb, Carbody counterweight 132.3Klb, 0.57°												ft
	193.6	203.4	213.3	223.1	232.9	242.8	252.6	262.5	272.3	282.2	292	301.8	
22													22
24													24
26													26
28	357	329											28
30	357	329	321	301	290								30
35	338	329	319	301	288	271	256	236	217	203.1	187.8		35
40	291	290	290	284	279	267	255	234	216.4	202.6	186.6	173.3	40
45	255	254	254	252	247	243	238	233	214.4	200.9	185.7	171.8	45
50	226	225	225	224	221	218	214.4	210.6	207	199.8	183.9	169.7	50
55	203.3	202.2	201.7	200.6	199.9	197	193.8	190.5	187.3	184.1	180.8	166.6	55
60	183.7	182.6	182.1	181	180.2	179.1	176.4	173.5	170.6	167.7	165	162.2	60
65	167	165.9	165.4	164.4	163.6	162.5	161.4	158.8	156.2	153.6	151.1	148.6	65
70	152.8	151.7	151.2	150.1	149.3	148.3	147.7	146	143.6	141.2	139	136.6	70
75	140.4	139.3	138.8	137.8	137	135.9	135.3	134.3	132.6	130.3	128.3	126.1	75
80	129.6	128.5	128	127	126.2	125.1	124.5	123.5	122.6	120.7	118.8	116.7	80
85	120	119	118.5	117.4	116.6	115.6	115	113.9	113.1	112	110.3	108.4	85
90	110.5	109.9	109.6	108.9	108.2	107.1	106.5	105.5	104.6	103.6	102.7	100.8	90
95	102	101.4	101.1	100.5	100	99.3	98.9	97.9	97.1	96	95.3	94	95
100	94.5	93.9	93.6	93	92.4	91.8	91.4	90.7	90.1	89.2	88.5	87.5	100
105	87.8	87.2	86.9	86.3	85.7	85.1	84.6	84	83.4	82.7	82.2	81.3	105
110	81.8	81.2	80.9	80.2	79.7	79	78.6	77.9	77.4	76.7	76.2	75.5	110
115	76.4	75.8	75.4	74.8	74.3	73.6	73.1	72.5	71.9	71.2	70.7	70	115
120	71.5	70.8	70.5	69.8	69.3	68.6	68.2	67.5	66.9	66.2	65.7	65	120
130	62.8	62.2	61.9	61.2	60.7	60	59.5	58.8	58.3	57.5	57	56.3	130
140	55.5	54.9	54.6	53.9	53.4	52.7	52.2	51.5	50.9	50.2	49.7	49	140
150	49.2	48.6	48.3	47.6	47.1	46.4	46	45.3	44.7	43.9	43.4	42.7	150
160	43.8	43.2	42.9	42.2	41.7	41	40.5	39.8	39.2	38.5	38	37.2	160
170	39	38.4	38.1	37.4	36.9	36.2	35.8	35.1	34.5	33.7	33.2	32.5	170
180	34.7	34.1	33.9	33.2	32.7	32	31.6	30.9	30.3	29.5	29	28.3	180
190		30.3	30.1	29.5	29	28.3	27.9	27.1	26.6	25.8	25.3	24.6	190
200			26.7	26.1	25.6	24.9	24.5	23.8	23.2	22.5	22	21.2	200
210				23	22.5	21.9	21.5	20.8	20.2	19.5	19	18.2	210
220					19.7	19.1	18.7	18	17.5	16.7	16.2	15.5	220
230						16.5	16.2	15.5	15	14.2	13.7	13	230
240							13.8	13.2	12.7	11.9	11.5	10.7	240
250								11	10.5	9.8	9.3	8.6	250
260									8.5	7.8	7.4	6.7	260
270										6	5.6	4.8	270

Conforms to ANSI/ASME B30.5, tested per SAE J987 and SAE J765.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 | Load Chart

H configuration

Unit: Klb

ft	Boom length 65.6~301.8ft, Rear counterweight 246.9Klb, Carbody counterweight 132.3Klb, 0.57°													ft
	65.6	75.5	85.3	95.1	105	114.8	124.7	134.5	144.4	154.2	164	173.9	183.7	
16	660													16
18	649	633	616	593										18
20	625	625	615	594	574	550								20
22	566	566	565	565	564	548	529	508						22
24	517	516	516	516	515	514	513	508	467	440	413			24
26	475	475	474	474	473	472	471	471	467	440	413	385	381	26
28	439	439	438	438	437	437	436	435	434	434	413	385	379	28
30	408	408	407	407	406	406	405	405	403	403	400	385	381	30
35	346	346	345	345	344	344	343	343	342	341	339	331	324	35
40	299	299	299	299	298	298	297	296	295	295	293	287	281	40
45	263	263	262	263	262	261	260	260	259	259	257	252	247	45
50	233	234	234	234	233	233	232	231	230	230	228	224	220	50
55	203.1	204.6	205.2	206.1	206.2	206.3	206.1	206.3	206	205.8	205.1	201.8	198.2	55
60	178.7	180.4	181	181.9	182	182.1	181.9	182	181.7	181.5	181.1	180.9	179.6	60
65	158.7	160.6	161.3	162.3	162.3	162.5	162.3	162.4	162	161.8	161.4	161.2	160.8	65
70		144.2	145	146	146.1	146.2	146	146.1	145.7	145.5	145	144.9	144.4	70
75		130.2	131.2	132.3	132.4	132.5	132.3	132.4	132	131.8	131.3	131.1	130.6	75
80			119.3	120.5	120.6	120.8	120.6	120.7	120.3	120.1	119.6	119.4	118.9	80
85			108.9	110.3	110.5	110.7	110.4	110.6	110.2	109.9	109.4	109.3	108.7	85
90				101.3	101.6	101.8	101.6	101.8	101.4	101.1	100.6	100.4	99.9	90
95				93.3	93.7	94	93.8	94	93.6	93.3	92.8	92.7	92.1	95
100					86.7	87	86.9	87.1	86.7	86.4	85.9	85.8	85.2	100
105					80.2	80.8	80.7	80.9	80.5	80.3	79.8	79.6	79	105
110						75.1	75.1	75.3	75	74.7	74.2	74.1	73.5	110
115							70	70.3	69.9	69.7	69.2	69.1	68.5	115
120								65.3	65.7	65.4	65.2	64.7	64.5	120
130									57.5	57.3	57.1	56.7	56.5	130
140										50.4	50.3	49.9	49.8	140
150											44.4	44	44	150
160												38.8	38.9	160
170													34.3	170
180														180
190														190
200														200
210														210
220														220
230														230
240														240
250														250
260														260

Conforms to ANSI/ASME B30.5, tested per SAE J987 and SAE J765.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 | Load Chart

H configuration

Unit: Klb

ft	Boom length 65.6~301.8ft, Rear counterweight 246.9Klb, Carbody counterweight 132.3Klb, 0.57°										ft
	193.6	203.4	213.3	223.1	232.9	242.8	252.6	262.5	272.3	282.2	
16											16
18											18
20											20
22											22
24											24
26											26
28	357	329									28
30	357	329	324	301	292						30
35	317	310	303	297	291	271	256	236	217	203.1	35
40	275	270	264	259	254	249	244	234	216.4	202.6	40
45	243	238	234	229	225	221	217.2	213.2	209.3	200.9	45
50	216.6	212.7	209.1	205.3	201.7	198	194.6	191.1	187.7	184.3	50
55	194.9	191.5	188.3	185	181.9	178.7	175.7	172.6	169.6	166.6	55
60	176.6	173.6	170.8	167.9	165.1	162.2	159.6	156.8	154.2	151.5	60
65	160.4	158.4	155.9	153.3	150.7	148.2	145.8	143.3	140.9	138.4	65
70	144	143.5	143	140.6	138.3	135.9	133.8	131.5	129.3	127	70
75	130.2	129.7	129.3	128.8	127.4	125.2	123.3	121.1	119.1	117	75
80	118.5	117.9	117.6	117	116.5	115.8	114	112	110.1	108.1	80
85	108.3	107.7	107.4	106.8	106.3	105.7	105.3	103.8	102	100.1	85
90	99.5	98.9	98.5	97.9	97.4	96.8	96.4	95.7	94.8	93	90
95	91.7	91.1	90.7	90.1	89.6	89	88.5	87.9	87.3	86.5	95
100	84.8	84.2	83.8	83.2	82.7	82	81.6	80.9	80.4	79.7	100
105	78.6	78	77.6	77	76.5	75.8	75.4	74.7	74.2	73.5	105
110	73.1	72.4	72.1	71.5	70.9	70.3	69.8	69.2	68.6	67.9	110
115	68.1	67.4	67.1	66.4	65.9	65.2	64.8	64.1	63.5	62.8	115
120	63.5	62.9	62.5	61.9	61.3	60.7	60.2	59.5	59	58.3	120
130	55.5	54.9	54.6	53.9	53.4	52.7	52.2	51.6	51	50.3	130
140	48.8	48.2	47.8	47.2	46.6	45.9	45.5	44.8	44.2	43.5	140
150	43	42.4	42.1	41.4	40.9	40.2	39.7	39	38.4	37.7	150
160	38	37.4	37.1	36.4	35.9	35.2	34.7	34	33.4	32.7	160
170	33.6	33	32.7	32	31.5	30.8	30.4	29.6	29	28.3	170
180	29.6	29	28.8	28.1	27.6	26.9	26.5	25.8	25.2	24.4	180
190		25.5	25.3	24.6	24.1	23.5	23	22.3	21.7	21	190
200			22.1	21.5	21	20.3	19.9	19.2	18.6	17.9	200
210				18.6	18.2	17.5	17.1	16.4	15.9	15.1	210
220					15.6	15	14.6	13.9	13.3	12.6	220
230						12.6	12.3	11.6	11	10.3	230
240							10.1	9.4	8.9	8.2	240
250								7.4	6.9	6.2	250
260									5.1	4.4	260

Conforms to ANSI/ASME B30.5, tested per SAE J987 and SAE J765.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 | Load Chart

H configuration

Unit: t

m	Boom length 20~92m, Rear counterweight 128t, Carbody counterweight 60t, 0.57°													m
	20	23	26	29	32	35	38	41	44	47	50	53	56	
7					244	244	240	230	212	199				7
8		213	213	213	212	212	211	211	211	199	187	174	171	8
9	188	188	188	188	187	187	186	186	186	186	185	174	171	9
10	168	168	168	168	167	167	167	166	166	166	165	165	164	10
11	152	152	151	151	151	151	150	150	150	149	149	149	148	11
12	138	138	138	138	137	137	137	136	136	136	135	135	135	12
13	126	126	126	126	126	126	125	125	125	124	124	124	123	13
14	116	116	116	116	116	116	115	115	115	114	114	114	113	14
15	108	108	108	108	107	107	107	107	106	106	105	105	105	15
16	100	100	100	100	100	100	99.6	99.5	99.1	98.8	98.3	98.1	97.6	16
17	93.9	94.1	93.8	94	93.6	93.4	93	92.9	92.5	92.2	91.7	91.5	91	17
18	88	88.2	87.9	88.1	87.7	87.6	87.1	87	86.6	86.3	85.8	85.7	85.2	18
19	82.7	82.9	82.7	82.8	82.5	82.3	81.9	81.8	81.4	81.1	80.6	80.4	79.9	19
20	77.8	78.1	77.9	78.1	77.7	77.6	77.1	77.1	76.6	76.3	75.9	75.7	75.2	20
21		73.8	73.6	73.8	73.4	73.3	72.9	72.8	72.3	72.1	71.6	71.4	70.9	21
22		69	69.4	69.8	69.5	69.4	69	68.9	68.5	68.2	67.7	67.5	67.1	22
23		64.6	65.1	65.6	65.6	65.7	65.4	65.3	64.9	64.6	64.1	64	63.5	23
24			61.2	61.8	61.8	61.9	61.8	61.8	61.6	61.4	60.9	60.7	60.3	24
25			57.7	58.3	58.3	58.4	58.3	58.4	58.2	58.1	57.8	57.7	57.3	25
26			54.4	55.1	55.1	55.2	55.1	55.2	55	54.9	54.7	54.6	54.4	26
27				52.1	52.2	52.3	52.2	52.3	52.1	52	51.8	51.7	51.5	27
28				49.4	49.6	49.7	49.6	49.7	49.5	49.4	49.1	49	48.8	28
29				46.9	47.1	47.2	47.1	47.2	47	46.9	46.7	46.6	46.4	29
30					44.8	44.9	44.8	44.9	44.8	44.6	44.4	44.3	44.1	30
31					42.6	42.8	42.7	42.8	42.7	42.5	42.3	42.2	42	31
32					40.6	40.8	40.8	40.9	40.7	40.6	40.4	40.3	40	32
33						39	38.9	39	38.9	38.8	38.5	38.5	38.2	33
34						37.2	37.2	37.3	37.2	37.1	36.8	36.8	36.5	34
35							35.6	35.7	35.6	35.5	35.2	35.2	34.9	35
36							34	34.2	34.1	34	33.7	33.7	33.4	36
37							32.6	32.8	32.6	32.5	32.3	32.3	32	37
38								31.4	31.3	31.2	31	30.9	30.7	38
39								30.1	30	30	29.7	29.7	29.4	39
40								28.9	28.8	28.8	28.5	28.5	28.2	40
41									27.7	27.6	27.4	27.4	27.1	41
42									26.6	26.5	26.3	26.3	26	42
43									25.5	25.5	25.3	25.3	25	43
44										24.5	24.3	24.3	24.1	44
45										23.6	23.4	23.4	23.1	45
46										22.7	22.5	22.5	22.3	46
47											21.7	21.6	21.4	47
48											20.8	20.8	20.6	48
49											20	20.1	19.8	49
50												19.3	19.1	50
51												18.6	18.4	51
52													17.7	52
53													17	53
54													16.4	54

Conforms to EN13000-1, EN13000-2, and ISO 4305.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 Load Chart

H configuration

Unit: t

m	Boom length 20~92m, Rear counterweight 128t, Carbody counterweight 60t, 0.57°												m
	59	62	65	68	71	74	77	80	83	86	89	92	
7													7
8													8
9	162	149	145	136									9
10	162	149	145	136	131	123	116	107					10
11	148	147	145	136	131	122	116	106	98.3	92	85.2	78.7	11
12	134	134	133	131	128	121	115	106	98.3	92	84.7	78.7	12
13	123	122	122	121	118	116	114	106	97.6	91.5	84.4	78.2	13
14	113	112	112	112	110	108	106	104	97.1	91	84.2	77.8	14
15	104	104	104	103	102	100	98.8	97.1	95.4	90.7	83.6	77.1	15
16	97.3	96.8	96.6	96.1	95.6	93.9	92.4	90.8	89.2	87.7	82.7	76.3	16
17	90.7	90.2	90	89.5	89.1	88	86.6	85.1	83.7	82.3	80.9	75.4	17
18	84.8	84.4	84.1	83.6	83.3	82.7	81.4	80	78.7	77.4	76.1	74.5	18
19	79.6	79.1	78.9	78.4	78	77.5	76.7	75.4	74.2	72.9	71.8	70.6	19
20	74.9	74.4	74.2	73.7	73.3	72.8	72.4	71.2	70.1	68.9	67.8	66.7	20
21	70.6	70.1	69.9	69.4	69.1	68.6	68.3	67.4	66.3	65.2	64.2	63.1	21
22	66.7	66.2	66	65.5	65.2	64.7	64.4	63.9	62.9	61.8	60.8	59.8	22
23	63.2	62.7	62.5	62	61.6	61.1	60.9	60.4	59.7	58.7	57.7	56.8	23
24	59.9	59.4	59.2	58.7	58.4	57.9	57.6	57.2	56.7	55.8	54.9	54	24
25	56.9	56.5	56.2	55.8	55.4	54.9	54.6	54.2	53.8	53.1	52.2	51.3	25
26	54.2	53.7	53.5	53	52.6	52.2	51.9	51.4	51	50.5	49.8	48.9	26
27	51.3	51	50.8	50.4	50.1	49.6	49.3	48.9	48.5	48	47.5	46.6	27
28	48.6	48.3	48.2	47.9	47.7	47.2	47	46.5	46.1	45.6	45.3	44.5	28
29	46.2	45.9	45.7	45.4	45.2	44.9	44.7	44.3	43.9	43.4	43.1	42.5	29
30	43.9	43.6	43.5	43.2	42.9	42.6	42.4	42.2	41.8	41.4	41.1	40.6	30
31	41.8	41.5	41.3	41.1	40.8	40.5	40.3	40	39.8	39.4	39.1	38.7	31
32	39.8	39.5	39.4	39.1	38.9	38.6	38.4	38.1	37.8	37.5	37.3	36.9	32
33	38	37.7	37.6	37.3	37	36.7	36.5	36.2	36	35.7	35.4	35.1	33
34	36.3	36	35.9	35.6	35.3	35	34.8	34.5	34.3	34	33.7	33.4	34
35	34.7	34.4	34.3	34	33.7	33.4	33.2	32.9	32.7	32.3	32.1	31.8	35
36	33.2	32.9	32.8	32.5	32.2	31.9	31.7	31.4	31.2	30.8	30.6	30.3	36
37	31.8	31.5	31.4	31.1	30.8	30.5	30.3	30	29.7	29.4	29.2	28.9	37
38	30.5	30.2	30	29.7	29.5	29.2	29	28.7	28.4	28.1	27.9	27.5	38
39	29.2	28.9	28.8	28.5	28.2	27.9	27.7	27.4	27.1	26.8	26.6	26.3	39
40	28	27.7	27.6	27.3	27.1	26.7	26.5	26.2	26	25.6	25.4	25.1	40
41	26.9	26.6	26.5	26.2	25.9	25.6	25.4	25.1	24.8	24.5	24.3	23.9	41
42	25.8	25.6	25.4	25.1	24.9	24.5	24.3	24	23.8	23.4	23.2	22.9	42
43	24.8	24.5	24.4	24.1	23.9	23.5	23.3	23	22.7	22.4	22.2	21.9	43
44	23.9	23.6	23.4	23.1	22.9	22.6	22.4	22.1	21.8	21.5	21.2	20.9	44
45	22.9	22.7	22.5	22.2	22	21.7	21.5	21.1	20.9	20.5	20.3	20	45
46	22.1	21.8	21.6	21.3	21.1	20.8	20.6	20.3	20	19.7	19.4	19.1	46
47	21.2	20.9	20.8	20.5	20.3	19.9	19.7	19.4	19.2	18.8	18.6	18.3	47
48	20.4	20.1	20	19.7	19.5	19.1	18.9	18.6	18.4	18	17.8	17.5	48
49	19.7	19.4	19.2	18.9	18.7	18.4	18.2	17.9	17.6	17.3	17	16.7	49
50	18.9	18.6	18.5	18.2	18	17.7	17.5	17.1	16.9	16.5	16.3	16	50
51	18.2	17.9	17.8	17.5	17.3	17	16.8	16.4	16.2	15.8	15.6	15.3	51
52	17.5	17.3	17.1	16.8	16.6	16.3	16.1	15.8	15.5	15.2	14.9	14.6	52
53	16.9	16.6	16.5	16.2	16	15.6	15.4	15.1	14.8	14.5	14.3	13.9	53
54	16.2	16	15.9	15.6	15.3	15	14.8	14.5	14.2	13.9	13.7	13.3	54

Conforms to EN13000-1, EN13000-2, and ISO 4305.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 Load Chart

H configuration

Unit: t

m	Boom length 20~92m, Rear counterweight 128t, Carbody counterweight 60t, 0.57°												m
	59	62	65	68	71	74	77	80	83	86	89	92	
55	15.6	15.4	15.3	15	14.7	14.4	14.2	13.9	13.6	13.3	13.1	12.7	55
56	15	14.8	14.7	14.4	14.2	13.8	13.7	13.3	13.1	12.7	12.5	12.2	56
57	14.5	14.2	14.1	13.8	13.6	13.3	13.1	12.8	12.5	12.2	11.9	11.6	57
58		13.7	13.6	13.3	13.1	12.8	12.6	12.2	12	11.6	11.4	11.1	58
59		13.1	13.1	12.8	12.6	12.2	12	11.7	11.5	11.1	10.9	10.6	59
60		12.6	12.5	12.3	12.1	11.7	11.6	11.2	11	10.6	10.4	10.1	60
61			12.1	11.8	11.6	11.3	11.1	10.7	10.5	10.1	9.9	9.6	61
62			11.6	11.3	11.1	10.8	10.6	10.3	10	9.7	9.5	9.1	62
63			11.1	10.8	10.6	10.3	10.2	9.8	9.6	9.2	9	8.7	63
64				10.4	10.2	9.9	9.7	9.4	9.1	8.8	8.6	8.2	64
65				10	9.8	9.5	9.3	9	8.7	8.4	8.2	7.8	65
66					9.4	9.1	8.9	8.6	8.3	8	7.7	7.4	66
67					8.9	8.7	8.5	8.2	7.9	7.6	7.4	7	67
68					8.5	8.3	8.1	7.8	7.5	7.2	7	6.6	68
69						7.9	7.7	7.4	7.2	6.8	6.6	6.3	69
70						7.5	7.4	7	6.8	6.5	6.2	5.9	70
71						7.1	7	6.7	6.4	6.1	5.9	5.6	71
72							6.6	6.3	6.1	5.8	5.5	5.2	72
73							6.3	6	5.8	5.4	5.2	4.9	73
74							6	5.7	5.4	5.1	4.9	4.6	74
75								5.4	5.1	4.8	4.6	4.2	75
76								5	4.8	4.5	4.3	3.9	76
77								4.7	4.5	4.2	4	3.6	77
78									4.2	3.9	3.7	3.4	78
79									3.9	3.6	3.4	3.1	79
80									3.6	3.3	3.1	2.8	80
81										3	2.8	2.5	81
82										2.8	2.6	2.2	82
83											2.3		83
84											2		84

Conforms to EN13000-1, EN13000-2, and ISO 4305.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 | Load Chart

H configuration

Unit: t

m	Boom length 20~86m, Rear counterweight 112t, Carbody counterweight 60t, 0.57°												m	
	20	23	26	29	32	35	38	41	44	47	50	53		56
5	300	285												5
6	288	285	280	269	260	249								6
7	245	245	245	245	244	244	240	230	212	199				7
8	213	213	213	213	212	212	211	211	211	199	187	174	172	8
9	188	188	188	188	187	187	186	186	186	186	184	174	172	9
10	168	168	168	168	167	167	167	166	166	166	165	161	157	10
11	152	152	151	151	151	151	150	150	150	149	148	145	142	11
12	138	138	138	138	137	137	137	136	136	136	135	132	129	12
13	126	126	126	126	126	126	125	125	125	124	123	121	119	13
14	116	116	116	116	116	116	115	115	115	114	114	111	109	14
15	108	108	108	108	107	107	107	107	106	106	105	103	101	15
16	98.6	99.3	99.6	100	100	100	99.6	99.5	99.1	98.8	98.1	96.4	94.7	16
17	90.2	90.9	91.2	91.6	91.6	91.7	91.6	91.7	91.5	91.4	91.3	90.1	88.5	17
18	83	83.7	84	84.4	84.4	84.5	84.4	84.4	84.3	84.2	84	84	82.9	18
19	76.6	77.4	77.7	78.1	78.1	78.2	78.1	78.2	78	77.9	77.7	77.6	77.5	19
20	70.9	71.8	72.2	72.6	72.6	72.7	72.6	72.6	72.5	72.4	72.2	72.1	71.9	20
21		66.9	67.3	67.7	67.7	67.8	67.7	67.8	67.6	67.5	67.3	67.2	67	21
22		62.5	62.9	63.4	63.4	63.5	63.3	63.4	63.2	63.1	62.9	62.8	62.6	22
23		58.5	58.9	59.4	59.5	59.6	59.4	59.5	59.3	59.2	59	58.9	58.7	23
24			55.4	55.9	56	56	55.9	56	55.8	55.7	55.5	55.4	55.2	24
25			52.1	52.7	52.7	52.8	52.7	52.8	52.6	52.5	52.3	52.2	52	25
26			49.1	49.7	49.8	49.9	49.8	49.9	49.7	49.6	49.4	49.3	49	26
27				47	47.1	47.2	47.1	47.2	47	46.9	46.7	46.6	46.4	27
28				44.5	44.7	44.8	44.7	44.8	44.6	44.5	44.2	44.2	43.9	28
29				42.2	42.4	42.5	42.4	42.5	42.3	42.2	42	41.9	41.7	29
30					40.3	40.4	40.3	40.4	40.2	40.1	39.9	39.8	39.6	30
31					38.3	38.5	38.4	38.5	38.3	38.2	38	37.9	37.6	31
32					36.4	36.6	36.6	36.7	36.5	36.4	36.2	36.1	35.8	32
33						34.9	34.9	35	34.8	34.7	34.5	34.4	34.2	33
34						33.3	33.3	33.4	33.3	33.1	32.9	32.8	32.6	34
35							31.8	31.9	31.8	31.7	31.4	31.4	31.1	35
36							30.4	30.5	30.4	30.3	30.1	30	29.7	36
37							29	29.2	29.1	29	28.8	28.7	28.4	37
38							28	27.8	27.8	27.5	27.5	27.2	27.2	38
39							26.8	26.7	26.6	26.4	26.3	26.1	26.1	39
40							25.6	25.6	25.5	25.3	25.2	25	25	40
41								24.5	24.4	24.2	24.2	23.9	23.9	41
42								23.5	23.4	23.2	23.2	22.9	22.9	42
43								22.5	22.5	22.3	22.3	22	22	43
44									21.6	21.4	21.4	21.1	21.1	44
45									20.7	20.5	20.5	20.3	20.3	45
46									19.9	19.7	19.7	19.4	19.4	46
47										18.9	18.9	18.7	18.7	47
48										18.2	18.2	17.9	17.9	48
49											17.4	17.4	17.2	49
50												16.7	16.5	50
51													16.1	51
52														52
53														53
54														54

Conforms to EN13000-1, EN13000-2, and ISO 4305.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 | Load Chart

H configuration

Unit: t

m	Boom length 20~86m, Rear counterweight 112t, Carbody counterweight 60t, 0.57°										m		
	59	62	65	68	71	74	77	80	83	86			
5													5
6													6
7													7
8													8
9	162	149	146	136									9
10	153	149	146	136	132	123	116	107					10
11	139	136	133	130	128	122	116	106	98.3	92			11
12	127	124	122	119	117	115	112	106	98.3	92			12
13	116	114	112	110	108	106	104	102	97.6	91.5			13
14	107	105	103	101	100	98.2	96.4	94.7	92.9	91			14
15	100	98.1	96.4	94.7	93	91.3	89.7	88.1	86.5	85			15
16	93.1	91.4	89.9	88.3	86.8	85.2	83.8	82.3	80.8	79.4			16
17	87	85.5	84.1	82.6	81.2	79.8	78.4	77.1	75.7	74.4			17
18	81.5	80.1	78.9	77.5	76.2	74.9	73.7	72.4	71.1	69.9			18
19	76.7	75.3	74.2	72.9	71.7	70.5	69.3	68.1	67	65.8			19
20	71.7	71	69.9	68.7	67.6	66.4	65.4	64.3	63.2	62.1			20
21	66.8	66.6	66.1	64.9	63.9	62.8	61.8	60.7	59.7	58.7			21
22	62.4	62.2	62	61.5	60.5	59.4	58.5	57.5	56.5	55.5			22
23	58.5	58.3	58.1	57.9	57.4	56.4	55.5	54.5	53.6	52.6			23
24	55	54.7	54.6	54.3	54.1	53.5	52.7	51.8	50.9	50			24
25	51.8	51.5	51.4	51.1	50.9	50.6	50.1	49.2	48.4	47.5			25
26	48.8	48.6	48.4	48.2	47.9	47.7	47.5	46.8	46	45.2			26
27	46.2	45.9	45.8	45.5	45.3	45	44.8	44.5	43.9	43			27
28	43.7	43.5	43.3	43	42.8	42.5	42.3	42	41.8	41			28
29	41.5	41.2	41	40.8	40.5	40.2	40	39.7	39.5	39.1			29
30	39.4	39.1	38.9	38.7	38.4	38.1	37.9	37.6	37.4	37.1			30
31	37.4	37.2	37	36.7	36.5	36.2	36	35.7	35.4	35.1			31
32	35.6	35.4	35.2	34.9	34.7	34.4	34.2	33.9	33.6	33.3			32
33	34	33.7	33.5	33.2	33	32.7	32.5	32.2	31.9	31.6			33
34	32.4	32.1	31.9	31.7	31.4	31.1	30.9	30.6	30.3	30			34
35	30.9	30.6	30.5	30.2	29.9	29.6	29.4	29.1	28.9	28.6			35
36	29.5	29.2	29.1	28.8	28.6	28.3	28.1	27.7	27.5	27.2			36
37	28.2	27.9	27.8	27.5	27.3	26.9	26.7	26.4	26.2	25.9			37
38	27	26.7	26.6	26.3	26	25.7	25.5	25.2	24.9	24.6			38
39	25.9	25.6	25.4	25.1	24.9	24.6	24.4	24	23.8	23.5			39
40	24.8	24.5	24.3	24	23.8	23.5	23.3	23	22.7	22.4			40
41	23.7	23.4	23.3	23	22.7	22.4	22.2	21.9	21.6	21.3			41
42	22.7	22.5	22.3	22	21.8	21.4	21.2	20.9	20.7	20.3			42
43	21.8	21.5	21.4	21.1	20.8	20.5	20.3	20	19.7	19.4			43
44	20.9	20.6	20.5	20.2	19.9	19.6	19.4	19.1	18.8	18.5			44
45	20.1	19.8	19.6	19.3	19.1	18.8	18.6	18.3	18	17.7			45
46	19.3	19	18.8	18.5	18.3	18	17.8	17.5	17.2	16.9			46
47	18.5	18.2	18.1	17.8	17.5	17.2	17	16.7	16.4	16.1			47
48	17.8	17.5	17.3	17	16.8	16.5	16.3	15.9	15.7	15.3			48
49	17	16.8	16.6	16.3	16.1	15.8	15.6	15.2	15	14.6			49
50	16.4	16.1	15.9	15.6	15.4	15.1	14.9	14.6	14.3	14			50
51	15.7	15.4	15.3	15	14.8	14.4	14.2	13.9	13.7	13.3			51
52	15.1	14.8	14.7	14.4	14.1	13.8	13.6	13.3	13	12.7			52
53	14.5	14.2	14.1	13.8	13.5	13.2	13	12.7	12.4	12.1			53
54	13.9	13.6	13.5	13.2	13	12.7	12.5	12.1	11.9	11.5			54

Conforms to EN13000-1, EN13000-2, and ISO 4305.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 | Load Chart

H configuration

Unit: t

m	Boom length 20~86m, Rear counterweight 112t, Carbody counterweight 60t, 0.57°										m
	59	62	65	68	71	74	77	80	83	86	
55	13.3	13.1	12.9	12.7	12.4	12.1	11.9	11.6	11.3	11	55
56	12.8	12.5	12.4	12.1	11.9	11.6	11.4	11.1	10.8	10.5	56
57	12.2	12	11.9	11.6	11.4	11.1	10.9	10.5	10.3	9.9	57
58		11.5	11.4	11.1	10.9	10.6	10.4	10.1	9.8	9.5	58
59		11	10.9	10.6	10.4	10.1	9.9	9.6	9.3	9	59
60		10.5	10.4	10.2	9.9	9.6	9.4	9.1	8.9	8.5	60
61			10	9.7	9.5	9.2	9	8.7	8.4	8.1	61
62			9.5	9.3	9.1	8.8	8.6	8.2	8	7.6	62
63			9.1	8.8	8.6	8.3	8.2	7.8	7.6	7.2	63
64				8.4	8.2	7.9	7.8	7.4	7.2	6.8	64
65				8	7.8	7.5	7.4	7	6.8	6.4	65
66					7.4	7.2	7	6.7	6.4	6.1	66
67					7.1	6.8	6.6	6.3	6	5.7	67
68					6.7	6.4	6.3	5.9	5.7	5.3	68
69						6.1	5.9	5.6	5.3	5	69
70						5.7	5.6	5.3	5	4.7	70
71						5.4	5.2	4.9	4.7	4.3	71
72							4.9	4.6	4.4	4	72
73							4.6	4.3	4.1	3.7	73
74							4.3	4	3.7	3.4	74
75								3.7	3.5	3.1	75
76								3.4	3.2	2.8	76
77								3.1	2.9	2.6	77
78									2.6	2.3	78
79									2.3	2	79
80									2.1		80

Conforms to EN13000-1, EN13000-2, and ISO 4305.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 | Boom Configurations

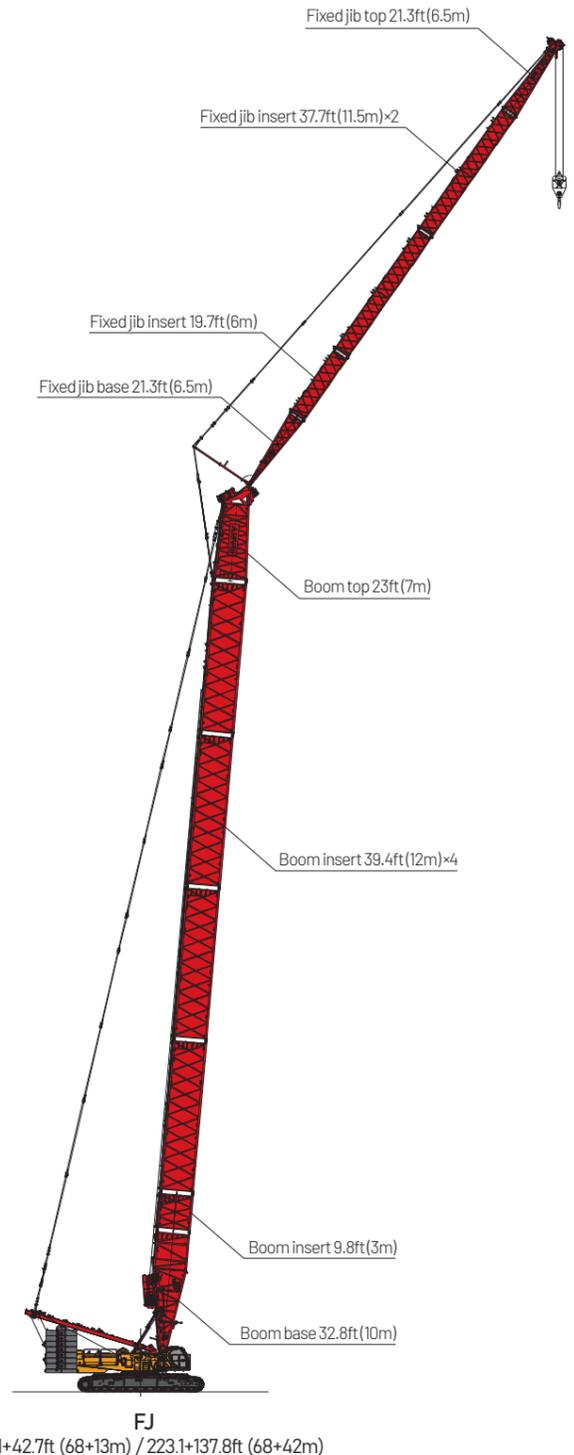
FJ configuration

1 Boom Configuration

Boom length (ft)	Boom length (m)	Inserts		
		9.8ft (3m)	19.7ft (6m)	39.4ft (12m)
65.6	20	1	-	-
75.5	23	-	1	-
85.3	26	1	1	-
95.1	29	-	-	1
105.0	32	1	-	1
114.8	35	-	1	1
124.7	38	1	1	1
134.5	41	-	-	2
144.4	44	1	-	2
154.2	47	-	1	2
164.0	50	1	1	2
173.9	53	-	-	3
183.7	56	1	-	3
193.6	59	-	1	3
203.4	62	1	1	3
213.3	65	-	-	4
223.1	68	1	-	4

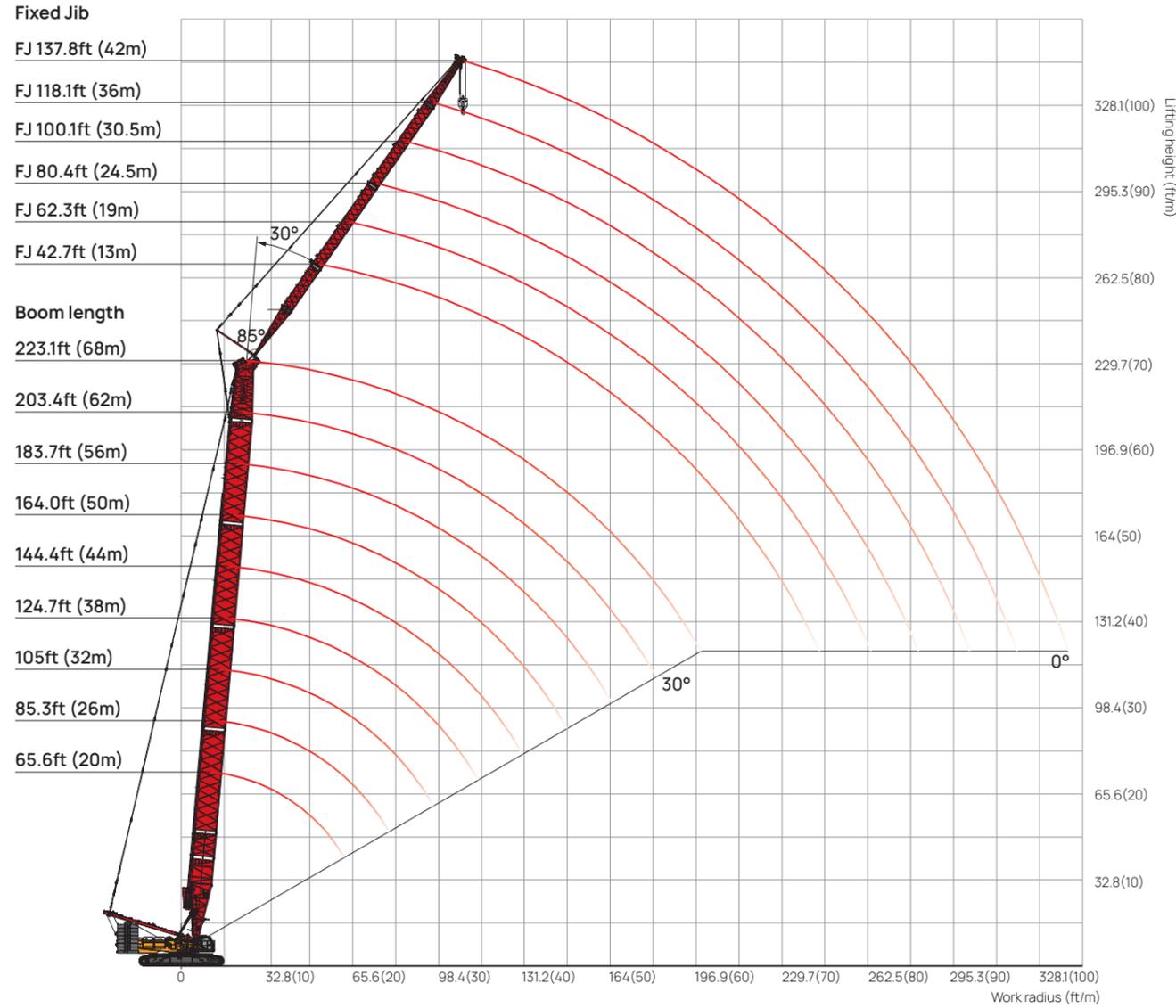
2 Fixed Jib Configuration

Fixed jib length (ft)	Fixed jib length (m)	Inserts	
		19.7ft (6m)	37.7ft (11.5m)
42.7	13	-	-
62.3	19	1	-
80.4	24.5	-	1
100.1	30.5	1	1
118.1	36	-	2
137.8	42	1	2



08 Working Radius

FJ configuration



08 Load Chart

FJ configuration

Unit: Klb

ft	Boom to jib angle 10°, Boom 65.6~223.1ft, Fixed jib 42.7ft, Rear counterweight 282.2Klb, Carbody counterweight 132.3Klb, 0.57°																ft	
	65.6	75.5	85.3	95.1	105	114.8	124.7	134.5	144.4	154.2	164	173.9	183.7	193.6	203.4	213.3		223.1
28			134.4															28
30	134.4	134.4	134.4	134.4	134.4													30
35	130.9	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4							35
40	116.1	121.4	126.3	130.9	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	40
45	104.2	109.5	114.4	118.9	123.2	127.1	130.8	134.3	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	45
50	94.6	99.7	104.5	109	113.2	117.1	120.9	124.4	127.7	130.8	133.8	134.4	134.4	134.4	134.4	134.4	134.4	50
55	86.5	91.5	96.2	100.6	104.7	108.6	112.3	115.8	119.1	122.2	125.2	128.1	130.8	133.4	134.4	134.4	134.4	55
60	79.8	84.6	89.1	93.4	97.4	101.2	104.9	108.3	111.6	114.7	117.7	120.6	123.3	125.9	128.4	130.8	133.1	60
65	74	78.6	83	87.1	91.1	94.8	98.4	101.8	105	108.1	111.1	113.9	116.6	119.2	121.7	124.1	126.4	65
70	68.9	73.4	77.6	81.7	85.5	89.1	92.6	96	99.1	102.2	105.1	107.9	110.6	113.2	115.7	118.1	120.4	70
75	64.6	68.9	73	76.9	80.6	84.1	87.5	90.8	93.9	96.9	99.8	102.5	105.2	107.7	110.2	112.6	114.9	75
80	60.7	64.9	68.8	72.6	76.2	79.6	82.9	86.1	89.2	92.1	94.9	97.7	100.3	102.8	105.3	107.6	109.9	80
85	57.3	61.3	65.1	68.8	72.3	75.6	78.8	81.9	84.9	87.8	90.6	93.2	95.8	98.3	100.7	103.1	105.3	85
90	54.3	58.1	61.8	65.3	68.7	72	75.1	78.1	81.1	83.9	86.6	89.2	91.7	94.2	96.6	98.9	101.1	90
95	51.6	55.3	58.8	62.2	65.5	68.7	71.7	74.7	77.5	80.3	82.9	85.5	88	90.4	92.7	95	97.2	95
100	49.2	52.7	56.1	59.4	62.6	65.7	68.7	71.5	74.3	77	79.6	82.1	84.5	86.9	89.2	91.5	93.6	100
105	47.1	50.4	53.7	56.9	60	62.9	65.8	68.6	71.3	74	76.5	79	81.4	83.7	86	88.1	87.8	105
110		48.3	51.5	54.6	57.5	60.4	63.2	66	68.6	71.2	73.6	76.1	78.4	80.7	82.8	82.3	81.7	110
115			49.5	52.4	55.3	58.1	60.9	63.5	66.1	68.6	71	73.4	75.7	77.9	77.2	76.8	76.1	115
120			47.7	50.5	53.3	56	58.7	61.2	63.7	66.2	68.6	70.9	73.1	72.9	72.2	71.7	71.1	120
130				47.1	49.7	52.2	54.7	57.2	59.5	61.9	64.1	65.3	64.7	64.1	63.4	62.9	62.2	130
140					46.7	49	51.3	53.6	55.9	58.1	58.3	57.9	57.2	56.7	56	55.5	54.8	140
150						48.4	50.6	52.7	52.6	51.9	51.6	50.9	50.3	49.6	49.1	48.4	150	
160							48	47.5	47.1	46.4	46	45.4	44.8	44.1	43.6	42.9	160	
170								42.6	42.2	41.6	41.2	40.5	40	39.2	38.8	38.1	170	
180									37.9	37.2	36.9	36.2	35.7	35	34.5	33.8	180	
190										33.4	33.1	32.4	31.9	31.2	30.7	30	190	
200											29	28.4	27.7	27.3	26.6	200		
210												25.3	24.6	24.2	23.5	210		
220													21.8	21.4	20.7	220		
230														18.8	18.1	230		
240															15.7	240		

Conforms to ANSI/ASME B30.5, tested per SAE J987 and SAE J765.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 Load Chart

FJ configuration

Unit: Klb

ft	Boom to jib angle 30°, Boom 65.6~223.1ft, Fixed jib 42.7ft, Rear counterweight 282.2Klb, Carbody counterweight 132.3Klb, 0.57°																ft	
	65.6	75.5	85.3	95.1	105	114.8	124.7	134.5	144.4	154.2	164	173.9	183.7	193.6	203.4	213.3		223.1
45	94.5	90.4	95.9	98.5	99.6	100.5	101.3											45
50	88.8	86.8	92.3	93.7	94.9	96.1	97.1	98	98.8	99.6	100.3	100.9	101.5					50
55	83.9	83.5	87.8	89.4	90.8	92	93.2	94.2	95.2	96.1	96.9	97.6	98.3	99	99.6	100.1	100.6	55
60	79.6	80.6	83.7	85.5	87	88.4	89.7	90.8	91.9	92.9	93.8	94.6	95.4	96.1	96.8	97.4	98	60
65	75.8	77.9	80.1	82	83.6	85.1	86.5	87.7	88.8	89.9	90.9	91.8	92.6	93.4	94.2	94.8	95.5	65
70	72.4	74.8	76.9	78.8	80.5	82.1	83.5	84.8	86	87.2	88.2	89.2	90.1	90.9	91.7	92.5	93.2	70
75	69.5	71.8	74	75.9	77.7	79.3	80.8	82.2	83.4	84.6	85.7	86.7	87.7	88.6	89.4	90.2	90.9	75
80	66.8	69.2	71.3	73.3	75.1	76.8	78.3	79.7	81	82.2	83.4	84.4	85.4	86.4	87.2	88.1	88.9	80
85	64.5	66.8	68.9	70.9	72.7	74.4	76	77.4	78.8	80	81.2	82.3	83.3	84.3	85.2	86.1	86.9	85
90	62.4	64.7	66.8	68.8	70.6	72.3	73.8	75.3	76.7	77.9	79.1	80.3	81.3	82.3	83.3	84.2	85	90
95	60.7	62.8	64.9	66.8	68.6	70.3	71.9	73.3	74.7	76	77.2	78.4	79.5	80.5	81.4	82.4	83.2	95
100	59.3	61.2	63.1	65	66.8	68.5	70	71.5	72.9	74.2	75.4	76.6	77.7	78.7	79.7	80.7	81.6	100
105	58.3	59.8	61.6	63.4	65.1	66.8	68.3	69.8	71.2	72.5	73.8	74.9	76	77.1	78.1	79	80	105
110		58.8	60.3	62	63.6	65.3	66.8	68.2	69.6	70.9	72.2	73.4	74.5	75.5	76.6	77.5	78.4	110
115		58.2	59.2	60.7	62.3	63.9	65.3	66.8	68.2	69.5	70.7	71.9	73	74.1	75.1	76.1	77	115
120			58.4	59.7	61.1	62.6	64	65.4	66.8	68.1	69.3	70.5	71.6	72.7	73.7	74.6	74	120
130				58.2	59.2	60.4	61.7	63	64.3	65.6	66.8	67.4	66.8	66.4	65.8	65.4	64.9	130
140					58.1	58.8	59.9	61	60.8	60.5	59.9	59.7	59.1	58.6	58.1	57.7	57.1	140
150						54.8	54.6	54.6	54.2	53.8	53.3	53	52.5	52	51.4	51	50.5	150
160								48.7	48.3	48	47.5	47.3	46.7	46.3	45.7	45.3	44.7	160
170									43.1	42.9	42.4	42.2	41.7	41.2	40.6	40.2	39.6	170
180										38.3	37.9	37.7	37.2	36.7	36.1	35.8	35.2	180
190											33.7	33.6	33.1	32.7	32.1	31.8	31.2	190
200												29.9	29.5	29.1	28.5	28.2	27.6	200
210													26.1	25.8	25.2	24.9	24.3	210
220															22.2	21.9	21.4	220
230																19.2	18.6	230
240																	16.1	240

Conforms to ANSI/ASME B30.5, tested per SAE J987 and SAE J765.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 Load Chart

FJ configuration

Unit: Klb

ft	Boom to jib angle 10°, Boom 65.6~223.1ft, Fixed jib 137.8ft, Rear counterweight 282.2Klb, Carbody counterweight 132.3Klb, 0.57°																ft	
	65.6	75.5	85.3	95.1	105	114.8	124.7	134.5	144.4	154.2	164	173.9	183.7	193.6	203.4	213.3		223.1
55	54.4	54.3	54	53.8	52.6	52.4												55
60	53	53	52.8	52.6	52.4	52.2	51.8	51.6	51.3	50.9	50.5							60
65	51.7	51.1	51.5	51.5	51.2	51	50.8	50.6	50.3	50.1	49.7	49.4	48.9	48.5	48	47.6	46.9	65
70	50.5	48.2	50.3	50.3	50.2	50	49.8	49.7	49.5	49.3	48.8	48.6	48.2	47.7	47.4	47	46.3	70
75	47.5	45.5	49.1	49.2	49.1	49	48.8	48.8	48.5	48.3	48	47.8	47.4	47.1	46.7	46.3	45.7	75
80	44.2	43	46.9	48.2	48	48	47.8	47.8	47.6	47.4	47.1	46.9	46.7	46.5	46.1	45.6	45.2	80
85	41.4	40.7	44	45.3	46.5	47	46.7	46.7	46.7	46.5	46.3	46.1	45.9	45.6	45.4	45	44.5	85
90	38.8	38.6	41.4	42.7	43.9	45	45.9	45.9	45.7	45.7	45.5	45.4	45.2	45	44.6	44.3	43.9	90
95	36.5	36.8	39.1	40.3	41.5	42.6	43.7	44.8	44.8	44.8	44.6	44.6	44.4	44.3	43.8	43.6	43.2	95
100	34.5	35.1	37	38.2	39.3	40.4	41.5	42.6	43.6	44	43.8	43.8	43.6	43.6	43.2	42.9	42.6	100
105	32.6	33.2	35	36.2	37.4	38.5	39.5	40.6	41.6	42.5	43.2	43.2	42.9	42.7	42.5	42.3	42.1	105
110	30.8	31.9	33.3	34.4	35.6	36.6	37.7	38.7	39.7	40.7	41.6	42.3	42.3	42	41.8	41.6	41.4	110
115	29.3	30.5	31.7	32.8	33.9	35	36	37	38	38.9	39.8	40.7	41.5	41.4	41.2	41	40.7	115
120	27.8	29	30.2	31.3	32.4	33.4	34.4	35.4	36.4	37.3	38.2	39.1	40	40.7	40.5	40.5	40.1	120
130	25.3	26.4	27.5	28.6	29.6	30.6	31.6	32.6	33.5	34.4	35.3	36.2	37	37.8	38.6	39.1	38.9	130
140	23.1	24.1	25.2	26.2	27.2	28.2	29.2	30.1	31	31.9	32.7	33.6	34.4	35.2	36	36.8	37.5	140
150	21.1	22.2	23.2	24.2	25.2	26.1	27	27.9	28.8	29.6	30.5	31.3	32.1	32.9	33.6	34.4	35.1	150
160	19.4	20.5	21.4	22.4	23.3	24.2	25.1	26	26.8	27.7	28.5	29.3	30	30.8	31.5	32.3	33	160
170	18	18.9	19.9	20.8	21.7	22.6	23.4	24.3	25.1	25.9	26.7	27.4	28.2	28.9	29.7	30.4	31.1	170
180	16.6	17.6	18.5	19.4	20.2	21.1	21.9	22.7	23.5	24.3	25	25.8	26.5	27.2	28	28.6	29.3	180
190	15.5	16.4	17.2	18.1	18.9	19.7	20.5	21.3	22.1	22.8	23.6	24.3	25	25.7	26.4	27.1	27.7	190
200		15.3	16.1	16.9	17.7	18.5	19.3	20.1	20.8	21.5	22.3	23	23.6	24.3	25	25.7	26.3	200
210			15.1	15.9	16.7	17.4	18.2	18.9	19.6	20.3	21	21.7	22.4	23.1	23.7	24.3	25	210
220				15	15.7	16.4	17.2	17.9	18.6	19.3	19.9	20.6	21.2	21.9	22.5	23.1	23.8	220
230						15.5	16.2	16.9	17.6	18.3	18.9	19.6	20.2	20.8	21.4	22	22.5	230
240							15.4	16	16.7	17.3	18	18.6	19.2	19.8	20.4	20.9	20.2	240
250								15.3	15.9	16.5	17.1	17.7	18.3	18.9	19.3	18.7	18	250
260									15.1	15.7	16.3	16.9	17.5	18	17.2	16.7	16	260
270										15	15.6	16.2	16.7	16.1	15.4	14.8	14.1	270
280											14.9	15.5	15	14.3	13.6	13.1	12.4	280
290												13.3	12.7	12	11.5	10.7	9.2	290
300													11.2	10.5	9.9	9.2	8.4	300
320																7.1	6.4	320

Conforms to ANSI/ASME B30.5, tested per SAE J987 and SAE J765.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 Load Chart

FJ configuration

Unit: Klb

ft	Boom to jib angle 30°, Boom 65.6~223.1ft, Fixed jib 137.8ft, Rear counterweight 282.2Klb, Carbody counterweight 132.3Klb, 0.57°																	ft
	65.6	75.5	85.3	95.1	105	114.8	124.7	134.5	144.4	154.2	164	173.9	183.7	193.6	203.4	213.3	223.1	
95	27.2	24.4																95
100	25.9	24.2	26.2	26.6	26.9	27.1	27.2											100
105	24.7	23.5	25.3	25.6	25.8	26.1	26.3	26.5	26.7	26.8	27	27.1	27.3					105
110	23.6	22.7	24.3	24.6	24.9	25.1	25.3	25.6	25.8	26	26.2	26.3	26.5	26.7	26.8	26.9	27.1	110
115	22.6	22	23.3	23.6	23.9	24.2	24.5	24.7	25	25.2	25.4	25.6	25.7	25.9	26.1	26.2	26.4	115
120	21.6	21.2	22.4	22.8	23.1	23.4	23.7	23.9	24.2	24.4	24.6	24.8	25	25.2	25.4	25.6	25.7	120
130	20	19.9	20.8	21.2	21.5	21.9	22.2	22.5	22.7	23	23.3	23.5	23.7	23.9	24.1	24.3	24.5	130
140	18.5	18.7	19.4	19.8	20.2	20.5	20.8	21.2	21.5	21.7	22	22.3	22.5	22.7	23	23.2	23.4	140
150	17.2	17.6	18.1	18.5	18.9	19.3	19.7	20	20.3	20.6	20.9	21.2	21.4	21.7	21.9	22.1	22.3	150
160	16	16.5	17	17.4	17.8	18.2	18.6	18.9	19.2	19.6	19.9	20.1	20.4	20.7	20.9	21.1	21.4	160
170	15	15.5	16	16.4	16.8	17.2	17.6	18	18.3	18.6	18.9	19.2	19.5	19.7	20	20.2	20.5	170
180	14.1	14.6	15.1	15.5	15.9	16.3	16.7	17.1	17.4	17.7	18.1	18.3	18.6	18.9	19.2	19.4	19.7	180
190	13.4	13.8	14.3	14.7	15.1	15.5	15.9	16.3	16.6	16.9	17.3	17.6	17.9	18.1	18.4	18.7	18.9	190
200	12.8	13.2	13.6	14	14.4	14.8	15.2	15.6	15.9	16.2	16.5	16.8	17.1	17.4	17.7	17.9	18.2	200
210		12.7	13	13.4	13.8	14.2	14.5	14.9	15.2	15.6	15.9	16.2	16.5	16.8	17	17.3	17.5	210
220			12.7	12.9	13.3	13.6	14	14.3	14.6	15	15.3	15.6	15.9	16.1	16.4	16.7	16.9	220
230				12.8	13.1	13.5	13.8	14.1	14.4	14.7	15	15.3	15.6	15.9	16.1	16.4	16.4	230
240					12.8	13	13.3	13.6	13.9	14.2	14.5	14.8	15.1	15.3	15.6	15.8	15.8	240
250						12.7	13	13.2	13.5	13.8	14	14.3	14.6	14.8	15.1	15.4	15.4	250
260							12.7	12.9	13.1	13.4	13.6	13.9	14.1	14.4	14.7	14.9	14.9	260
270								12.7	12.8	13	13.3	13.5	13.8	14	14.2	14.5	14.5	270
280									12.7	12.8	13	13.2	13.4	13.6	13.9	14.1	14.1	280
290										12.8	12.9	13.1	13.3	13.3	13.3	12.8	12.8	290
300											12.6	12.3	11.8	11.5	11	11	11	300
320														8.4	8.2	7.7	7.7	320

Conforms to ANSI/ASME B30.5, tested per SAE J987 and SAE J765.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 Load Chart

FJ configuration

Unit: t

m	Boom to jib angle 10°, Boom 20~68m, Fixed jib 13m, Rear counterweight 128t, Carbody counterweight 60t, 0.57°																	m
	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65	68	
9		61	61	61	61													9
10	61	61	61	61	61	61	61	61										10
11	57.7	60.2	61	61	61	61	61	61	61	61	61	61						11
12	53.4	55.8	58	60.1	61	61	61	61	61	61	61	61	61	61	61	61		12
13	49.6	52	54.3	56.3	58.3	60	61	61	61	61	61	61	61	61	61	61	61	13
14	46.4	48.8	51	53	54.9	56.7	58.4	60	61	61	61	61	61	61	61	61	61	14
15	43.5	45.8	48	50.1	52	53.8	55.5	57.1	58.6	60	61	61	61	61	61	61	61	15
16	41	43.3	45.4	47.4	49.3	51.1	52.8	54.4	55.9	57.3	58.7	59.9	61	61	61	61	61	16
17	38.7	41	43.1	45.1	46.9	48.7	50.4	51.9	53.4	54.9	56.2	57.5	58.7	59.9	61	61	61	17
18	36.7	38.9	41	42.9	44.7	46.5	48.1	49.7	51.2	52.6	54	55.3	56.5	57.7	58.8	59.9	60.9	18
19	34.9	37	39	41	42.8	44.5	46.1	47.7	49.2	50.6	51.9	53.2	54.4	55.6	56.8	57.8	58.9	19
20	33.2	35.3	37.3	39.2	41	42.6	44.3	45.8	47.3	48.7	50	51.3	52.5	53.7	54.8	55.9	57	20
21	31.7	33.8	35.7	37.5	39.3	40.9	42.5	44.1	45.5	46.9	48.2	49.5	50.7	51.9	53	54.1	55.2	21
22	30.3	32.3	34.2	36	37.7	39.4	40.9	42.4	43.9	45.2	46.6	47.8	49	50.2	51.3	52.4	53.5	22
23	29.1	31	32.9	34.6	36.3	37.9	39.5	40.9	42.4	43.7	45	46.3	47.5	48.6	49.8	50.8	51.9	23
24	27.9	29.8	31.6	33.4	35	36.6	38.1	39.5	40.9	42.3	43.6	44.8	46	47.2	48.3	49.3	50.4	24
25	26.9	28.7	30.5	32.2	33.8	35.3	36.8	38.2	39.6	40.9	42.2	43.4	44.6	45.8	46.9	47.9	49	25
26	25.9	27.7	29.4	31.1	32.6	34.2	35.6	37	38.4	39.7	40.9	42.1	43.3	44.4	45.5	46.6	47.6	26
27	25	26.7	28.4	30	31.6	33.1	34.5	35.9	37.2	38.5	39.7	40.9	42.1	43.2	44.3	45.3	46.4	27
28	24.1	25.8	27.5	29.1	30.6	32	33.5	34.8	36.1	37.4	38.6	39.8	40.9	42	43.1	44.2	45.2	28
29	23.3	25	26.6	28.2	29.7	31.1	32.5	33.8	35.1	36.3	37.5	38.7	39.8	40.9	42	43	44	29
30	22.6	24.2	25.8	27.3	28.8	30.2	31.5	32.9	34.1	35.3	36.5	37.7	38.8	39.9	40.9	41.9	42.9	30
31	21.9	23.5	25	26.5	28	29.3	30.7	32	33.2	34.4	35.6	36.7	37.8	38.9	39.9	40.9	41.8	31
32	21.3	22.8	24.3	25.8	27.2	28.5	29.8	31.1	32.3	33.5	34.7	35.8	36.9	37.9	39	40	39.8	32
33		22.2	23.7	25.1	26.4	27.8	29.1	30.3	31.5	32.7	33.8	34.9	36	37	38	38.2	37.9	33
34		21.6	23	24.4	25.8	27.1	28.3	29.5	30.7	31.9	33	34.1	35.1	36.2	36.7	36.5	36.2	34
35			22.4	23.8	25.1	26.4	27.6	28.8	30	31.1	32.2	33.3	34.3	35.4	35.1	34.9	34.6	35
36			21.9	23.2	24.5	25.7	26.9	28.1	29.3	30.4	31.5	32.5	33.6	33.9	33.6	33.3	33	36
37			21.4	22.6	23.9	25.1	26.3	27.5	28.6	29.7	30.8	31.8	32.7	32.4	32.1	31.9	31.6	37
38				22.1	23.3	24.5	25.7	26.9	28	29	30.1	31.1	31.3	31.1	30.8	30.6	30.2	38
39				21.6	22.8	24	25.1	26.3	27.4	28.4	29.5	30.4	30.1	29.8	29.5	29.3	29	39
40				21.2	22.3	23.5	24.6	25.7	26.8	27.8	28.8	29.2	28.9	28.6	28.3	28.1	27.8	40
41					21.9	23	24.1	25.2	26.2	27.2	28.2	28	27.7	27.5	27.1	26.9	26.6	41
42					21.4	22.5	23.6	24.6	25.7	26.7	27.1	26.9	26.6	26.4	26.1	25.8	25.5	42
43						22.1	23.1	24.1	25.2	26.2	26.1	25.9	25.6	25.3	25	24.8	24.5	43
44						21.6	22.7	23.7	24.7	25.4	25.1	24.9	24.6	24.4	24	23.8	23.5	44
45						21.2	22.2	23.2	24.2	24.5	24.2	24	23.7	23.4	23.1	22.9	22.6	45
46							21.8	22.8	23.8	23.6	23.3	23.1	22.8	22.5	22.2	22	21.7	46
47								21.4	22.4	23	22.7	22.4	22.3	22	21.7	21.4	21.2	47
48									22	22.1	21.9	21.6	21.5	21.1	20.9	20.6	20.4	48
49										21.6	21.4	21.1	20.8	20.7	20.4	20.1	19.8	49
50											20.9	20.6	20.4	20.1	19.9	19.6	19.4	50

Conforms to EN13000-1, EN13000-2, and ISO 4305.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 | Load Chart

FJ configuration

Unit: t

m	Boom to jib angle 10°, Boom 20~68m, Fixed jib 13m, Rear counterweight 128t, Carbody counterweight 60t, 0.57°																m				
	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65		68			
51									19.9	19.7	19.4	19.2	18.9	18.7	18.3	18.1	17.8	51			
52									19.2	19	18.7	18.5	18.2	18	17.6	17.4	17.1	52			
53									18.5	18.3	18	17.9	17.6	17.3	17	16.8	16.5	53			
54										17.7	17.4	17.2	16.9	16.7	16.4	16.1	15.8	54			
55										17.1	16.8	16.6	16.3	16.1	15.8	15.5	15.2	55			
56											16.2	16	15.7	15.5	15.2	15	14.6	56			
57											15.6	15.5	15.2	14.9	14.6	14.4	14.1	57			
58											15.1	14.9	14.6	14.4	14.1	13.9	13.5	58			
59												14.4	14.1	13.9	13.5	13.3	13	59			
60												13.9	13.6	13.3	13	12.8	12.5	60			
61													13.1	12.8	12.5	12.3	12	61			
62													12.6	12.4	12.1	11.9	11.5	62			
63													12.1	11.9	11.6	11.4	11.1	63			
64														11.5	11.1	11	10.6	64			
65															11	10.7	10.5	65			
66																10.6	10.3	66			
67																	9.9	67			
68																	9.5	68			
69																		8.9	69		
70																		8.5	70		
71																		8.2	71		
72																			7.5	72	
73																				7.2	73

Conforms to EN13000-1, EN13000-2, and ISO 4305.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 | Load Chart

FJ configuration

Unit: t

m	Boom to jib angle 30°, Boom 20~68m, Fixed jib 13m, Rear counterweight 128t, Carbody counterweight 60t, 0.57°																m					
	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65		68				
13	44.1	41.8	43.5	45.8																	13	
14	42.3	40.7	43.5	44.2	44.7	45.2	45.6	45.9														14
15	40.6	39.6	42.2	42.8	43.3	43.8	44.3	44.7	45.1	45.4	45.7	46										15
16	39.1	38.6	40.8	41.5	42.1	42.6	43.1	43.6	44	44.3	44.7	45	45.3	45.5	45.8	46						16
17	37.7	37.7	39.5	40.2	40.9	41.5	42	42.5	42.9	43.3	43.7	44	44.4	44.7	44.9	45.2	45.4					17
18	36.4	36.8	38.3	39.1	39.7	40.4	40.9	41.5	41.9	42.4	42.8	43.1	43.5	43.8	44.1	44.4	44.6					18
19	35.3	36	37.2	38	38.7	39.4	40	40.5	41	41.5	41.9	42.3	42.6	43	43.3	43.6	43.9					19
20	34.2	35.2	36.1	37	37.7	38.4	39	39.6	40.1	40.6	41	41.5	41.8	42.2	42.5	42.9	43.2					20
21	33.2	34.2	35.2	36	36.8	37.5	38.1	38.7	39.3	39.8	40.2	40.7	41.1	41.5	41.8	42.1	42.5					21
22	32.2	33.3	34.3	35.1	35.9	36.6	37.3	37.9	38.5	39	39.5	39.9	40.3	40.7	41.1	41.5	41.8					22
23	31.4	32.4	33.4	34.3	35.1	35.8	36.5	37.1	37.7	38.2	38.7	39.2	39.6	40.1	40.4	40.8	41.1					23
24	30.6	31.6	32.6	33.5	34.3	35.1	35.8	36.4	37	37.5	38	38.5	39	39.4	39.8	40.2	40.5					24
25	29.8	30.9	31.9	32.8	33.6	34.3	35	35.7	36.3	36.9	37.4	37.9	38.3	38.8	39.2	39.5	39.9					25
26	29.2	30.2	31.2	32.1	32.9	33.7	34.4	35	35.6	36.2	36.7	37.2	37.7	38.1	38.6	39	39.3					26
27	28.5	29.6	30.5	31.4	32.3	33	33.7	34.4	35	35.6	36.1	36.6	37.1	37.6	38	38.4	38.8					27
28	28	29	29.9	30.8	31.6	32.4	33.1	33.8	34.4	35	35.5	36.1	36.5	37	37.4	37.8	38.2					28
29	27.5	28.4	29.4	30.2	31.1	31.8	32.5	33.2	33.8	34.4	35	35.5	36	36.5	36.9	37.3	37.7					29
30	27.1	28	28.9	29.7	30.5	31.3	32	32.7	33.3	33.9	34.4	35	35.5	35.9	36.4	36.8	37.2					30
31	26.7	27.5	28.4	29.2	30	30.8	31.5	32.1	32.8	33.4	33.9	34.5	35	35.4	35.9	36.3	36.7					31
32	26.4	27.1	27.9	28.7	29.5	30.3	31	31.6	32.3	32.9	33.4	34	34.5	34.9	35.4	35.8	36.2					32
33	26.3	26.8	27.5	28.3	29.1	29.8	30.5	31.2	31.8	32.4	33	33.5	34	34.5	34.9	35.4	35.8					33
34		26.5	27.2	27.9	28.6	29.4	30.1	30.7	31.3	31.9	32.5	33	33.5	34	34.5	34.9	35.3					34
35		26.4	26.9	27.5	28.3	29	29.6	30.3	30.9	31.5	32.1	32.6	33.1	33.6	34.1	34.5	34.9					35
36			26.6	27.2	27.9	28.6	29.2	29.9	30.5	31.1	31.6	32.2	32.7	33.2	33.6	34.1	34.4					36
37			26.4	26.9	27.5	28.2	28.9	29.5	30.1	30.7	31.2	31.8	32.3	32.8	33.2	33.2	32.9					37
38			26.3	26.7	27.2	27.9	28.5	29.1	29.7	30.3	30.9	31.4	31.9	32.2	31.9	31.8	31.5					38
39				26.5	27	27.6	28.2	28.8	29.4	29.9	30.5	31	31.1	30.9	30.6	30.4	30.2					39
40				26.4	26.7	27.3	27.9	28.4	29	29.6	30.1	30.1	29.8	29.6	29.4	29.2	28.9					40
41					26.5	27	27.6	28.1	28.7	29.3	29	28.9	28.6	28.4	28.2	28	27.7					41
42					26.4	26.8	27.3	27.8	28.3	28.1	27.9	27.8	27.5	27.3	27	26.9	26.6					42
43					26.3	26.6	27.1	27.4	27.2	27.1	26.8	26.7	26.4	26.2	26	25.8	25.5					43
44						26.5	26.4	26.4	26.2	26	25.8	25.7	25.4	25.2	24.9	24.8	24.5					44
45						25.5	25.4	25.4	25.2	25.1	24.8	24.7	24.5	24.2	24	23.8	23.5					45
46						24.5	24.5	24.5	24.3	24.1	23.9	23.8	23.5	23.3	23	22.9	22.6					46
47							23.5	23.6	23.4	23.2	23	22.9	22.6	22.4	22.2	22	21.7					47
48							22.7	22.7	22.5	22.4	22.2	22	21.8	21.6	21.3	21.1	20.9					48
49								21.9	21.7	21.6	21.3	21.2	21	20.8	20.5	20.3	20.1					49
50									21.1	20.9	20.8	20.6	20.5	20.2	20	19.7	19.3					50
51										20.3	20.2	20	19.8	19.7	19.5	19.3	19	18.8				51
52											19.4	19.3	19.1	19	18.7	18.5	18.3	18.1				52
53												18.7	18.6	18.4	18.3	18.1	17.9	17.6	17.4			53
54													17.9	17.7	17.6	17.4	17.2	16.9	16.8	16.5		54

Conforms to EN13000-1, EN13000-2, and ISO 4305.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 | Load Chart

FJ configuration

Unit: t

m	Boom to jib angle 30°, Boom 20~68m, Fixed jib 13m, Rear counterweight 128t, Carbody counterweight 60t, 0.57°																m	
	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65		68
55										17.3	17.1	17	16.7	16.6	16.3	16.1	15.8	55
56										16.6	16.4	16.4	16.1	15.9	15.7	15.5	15.2	56
57											15.8	15.8	15.5	15.3	15.1	14.9	14.6	57
58											15.2	15.2	15	14.8	14.5	14.3	14.1	58
59											14.6	14.6	14.4	14.2	13.9	13.8	13.5	59
60												14.1	13.8	13.7	13.4	13.3	13	60
61												13.5	13.3	13.1	12.9	12.7	12.5	61
62													12.8	12.6	12.4	12.2	12	62
63													12.3	12.1	11.9	11.8	11.5	63
64													11.8	11.7	11.4	11.3	11	64
65														11.2	11	10.8	10.6	65
66														10.7	10.5	10.4	10.1	66
67															10.1	9.9	9.7	67
68															9.6	9.5	9.3	68
69															9.2	9.1	8.9	69
70																8.7	8.5	70
71																8.3	8.1	71
72																7.9	7.7	72
73																	7.3	73
74																	7	74

Conforms to EN13000-1, EN13000-2, and ISO 4305.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 | Load Chart

FJ configuration

Unit: t

m	Boom to jib angle 10°, Boom 20~68m, Fixed jib 42m, Rear counterweight 128t, Carbody counterweight 60t, 0.57°																m	
	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65		68
16	25	24.9	24.8															16
17	24.6	24.5	24.4	24.3	23.9	23.8												17
18	24.2	24.2	24.1	24	23.9	23.8	23.6	23.5	23.4	23.2								18
19	23.7	23.7	23.7	23.6	23.5	23.4	23.3	23.2	23.1	22.9	22.7	22.6	22.2	22				19
20	23.4	23	23.3	23.3	23.2	23.1	23	22.9	22.8	22.7	22.5	22.4	22.2	22	21.8	21.6	21.3	20
21	23	22.1	22.9	22.9	22.9	22.8	22.7	22.6	22.5	22.4	22.2	22.1	21.9	21.7	21.6	21.4	21.1	21
22	22.4	21.3	22.6	22.6	22.6	22.5	22.4	22.4	22.3	22.2	22	21.9	21.7	21.5	21.4	21.2	20.9	22
23	21.4	20.5	22.2	22.3	22.2	22.2	22.1	22.1	22	21.9	21.7	21.6	21.5	21.3	21.2	21	20.7	23
24	20.4	19.8	21.6	22	21.9	21.9	21.8	21.8	21.7	21.6	21.5	21.4	21.3	21.2	21	20.8	20.6	24
25	19.5	19.1	20.7	21.3	21.6	21.6	21.5	21.5	21.4	21.3	21.2	21.1	21	20.9	20.8	20.6	20.4	25
26	18.7	18.4	19.9	20.4	21	21.3	21.2	21.2	21.2	21.1	21	20.9	20.8	20.7	20.6	20.4	20.2	26
27	17.9	17.7	19.1	19.7	20.2	20.7	20.9	20.9	20.9	20.8	20.7	20.7	20.6	20.5	20.3	20.2	20	27
28	17.2	17.2	18.4	18.9	19.5	20	20.5	20.7	20.6	20.6	20.5	20.5	20.4	20.3	20.1	20	19.8	28
29	16.5	16.7	17.7	18.2	18.8	19.3	19.8	20.3	20.3	20.3	20.2	20.2	20.1	20.1	19.9	19.8	19.6	29
30	15.9	16.2	17	17.6	18.1	18.6	19.1	19.6	20	20.1	20	20	19.9	19.9	19.7	19.6	19.4	30
31	15.3	15.6	16.4	17	17.5	18	18.5	19	19.4	19.8	19.8	19.8	19.7	19.6	19.5	19.4	19.2	31
32	14.7	15.1	15.9	16.4	16.9	17.4	17.9	18.4	18.8	19.3	19.6	19.6	19.5	19.4	19.3	19.2	19.1	32
33	14.2	14.7	15.3	15.9	16.4	16.9	17.3	17.8	18.3	18.7	19.1	19.3	19.3	19.2	19.1	19	18.9	33
34	13.7	14.3	14.8	15.4	15.9	16.3	16.8	17.3	17.7	18.2	18.6	19	19.1	19	18.9	18.8	18.7	34
35	13.3	13.8	14.4	14.9	15.4	15.9	16.3	16.8	17.2	17.7	18.1	18.5	18.8	18.8	18.7	18.6	18.5	35
36	12.8	13.4	13.9	14.4	14.9	15.4	15.8	16.3	16.7	17.2	17.6	18	18.4	18.6	18.5	18.5	18.3	36
37	12.4	13	13.5	14	14.5	14.9	15.4	15.8	16.3	16.7	17.1	17.5	17.9	18.3	18.3	18.3	18.1	37
38	12	12.6	13.1	13.6	14	14.5	15	15.4	15.8	16.3	16.7	17.1	17.5	17.8	18.1	18.1	18	38
39	11.7	12.2	12.7	13.2	13.6	14.1	14.6	15	15.4	15.8	16.2	16.6	17	17.4	17.8	17.9	17.8	39
40	11.3	11.8	12.3	12.8	13.3	13.7	14.2	14.6	15	15.4	15.8	16.2	16.6	17	17.3	17.7	17.6	40
41	11	11.5	12	12.4	12.9	13.4	13.8	14.2	14.6	15	15.4	15.8	16.2	16.6	16.9	17.3	17.4	41
42	10.6	11.1	11.6	12.1	12.6	13	13.4	13.9	14.3	14.7	15.1	15.4	15.8	16.2	16.5	16.9	17.2	42
43	10.3	10.8	11.3	11.8	12.2	12.7	13.1	13.5	13.9	14.3	14.7	15.1	15.5	15.8	16.2	16.5	16.9	43
44	10	10.5	11	11.5	11.9	12.3	12.8	13.2	13.6	14	14.4	14.7	15.1	15.5	15.8	16.2	16.5	44
45	9.8	10.2	10.7	11.2	11.6	12	12.4	12.9	13.3	13.6	14	14.4	14.8	15.1	15.5	15.8	16.2	45
46	9.5	10	10.4	10.9	11.3	11.7	12.1	12.5	12.9	13.3	13.7	14.1	14.4	14.8	15.1	15.5	15.8	46
47	9.2	9.7	10.1	10.6	11	11.4	11.9	12.3	12.6	13	13.4	13.8	14.1	14.5	14.8	15.2	15.5	47
48	9	9.4	9.9	10.3	10.7	11.2	11.6	12	12.4	12.7	13.1	13.5	13.8	14.2	14.5	14.8	15.2	48
49	8.7	9.2	9.6	10.1	10.5	10.9	11.3	11.7	12.1	12.5	12.8	13.2	13.5	13.9	14.2	14.5	14.9	49
50	8.5	9	9.4	9.8	10.2	10.6	11	11.4	11.8	12.2	12.5	12.9	13.2	13.6	13.9	14.3	14.6	50
51	8.3	8.7	9.2	9.6	10	10.4	10.8	11.2	11.6	11.9	12.3	12.6	13	13.3	13.6	14	14.3	51
52	8.1	8.5	8.9	9.4	9.8	10.2	10.6	10.9	11.3	11.7	12	12.4	12.7	13	13.4	13.7	14	52
53	7.9	8.3	8.7	9.1	9.5	9.9	10.3	10.7	11.1	11.4	11.8	12.1	12.5	12.8	13.1	13.4	13.7	53
54	7.7	8.1	8.5	8.9	9.3	9.7	10.1	10.5	10.8	11.2	11.5	11.9	12.2	12.5	12.9	13.2	13.5	54
55	7.5	7.9	8.3	8.7	9.1	9.5	9.9	10.2	10.6	11	11.3	11.6	12	12.3	12.6	12.9	13.2	55
56	7.3	7.7	8.1	8.5	8.9	9.3	9.7	10	10.4	10.7	11.1	11.4	11.7	12.1	12.4	12.7	13	56
57	7.1	7.6	8	8.3	8.7	9.1	9.5	9.8	10.2	10.5	10.9	11.2	11.5	11.8	12.2	12.5	12.8	57
58	7	7.4	7.8	8.2	8.5	8.9	9.3	9.6	10	10.3	10.7	11	11.3	11.6	11.9	12.2	12.5	58

Conforms to EN13000-1, EN13000-2, and ISO 4305.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 Load Chart

FJ configuration

Unit: t

m	Boom to jib angle 10°, Boom 20~68m, Fixed jib 42m, Rear counterweight 128t, Carbody counterweight 60t, 0.57°																	m						
	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65	68							
59	6.8	7.2	7.6	8	8.4	8.7	9.1	9.4	9.8	10.1	10.4	10.8	11.1	11.4	11.7	12	12.3	59						
60		7	7.4	7.8	8.2	8.5	8.9	9.2	9.6	9.9	10.3	10.6	10.9	11.2	11.5	11.8	12.1	60						
61		6.9	7.3	7.6	8	8.4	8.7	9.1	9.4	9.7	10.1	10.4	10.7	11	11.3	11.6	11.9	61						
62		6.7	7.1	7.5	7.9	8.2	8.6	8.9	9.2	9.6	9.9	10.2	10.5	10.8	11.1	11.4	11.7	62						
63			7	7.3	7.7	8	8.4	8.7	9.1	9.4	9.7	10	10.3	10.6	10.9	11.2	11.5	63						
64			6.8	7.2	7.5	7.9	8.2	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7	11	11.3	64						
65				7	7.4	7.7	8.1	8.4	8.7	9	9.3	9.7	10	10.3	10.5	10.8	11.1	65						
66				6.9	7.2	7.6	7.9	8.2	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7	10.9	66						
67				6.8	7.1	7.4	7.8	8.1	8.4	8.7	9	9.3	9.6	9.9	10.2	10.5	10.8	67						
68					7	7.3	7.6	7.9	8.3	8.6	8.9	9.2	9.5	9.7	10	10.3	10.6	68						
69					6.8	7.2	7.5	7.8	8.1	8.4	8.7	9	9.3	9.6	9.9	10.1	10.4	69						
70						7	7.4	7.7	8	8.3	8.6	8.9	9.1	9.4	9.7	10	10.2	70						
71						6.9	7.2	7.5	7.8	8.1	8.4	8.7	9	9.3	9.6	9.8	9.9	71						
72						6.8	7.1	7.4	7.7	8	8.3	8.6	8.9	9.1	9.4	9.7	9.5	72						
73							7	7.3	7.6	7.9	8.1	8.4	8.7	9	9.3	9.5	9.2	73						
74							6.9	7.1	7.4	7.7	8	8.3	8.6	8.8	9.1	9.2	8.8	74						
75							6.7	7	7.3	7.6	7.9	8.2	8.4	8.7	9	8.8	8.5	75						
76								6.9	7.2	7.5	7.8	8	8.3	8.6	8.8	8.5	8.2	76						
77								6.8	7.1	7.4	7.6	7.9	8.2	8.4	8.5	8.2	7.9	77						
78									7	7.2	7.5	7.8	8.1	8.3	8.2	7.9	7.6	78						
79									6.9	7.1	7.4	7.7	7.9	8.2	7.9	7.6	7.3	79						
80									6.8	7	7.3	7.6	7.8	7.9	7.6	7.3	7	80						
81										6.9	7.2	7.4	7.7	7.6	7.3	7	6.7	81						
82										6.8	7.1	7.3	7.6	7.4	7	6.8	6.4	82						
83											7	7.2	7.4	7.1	6.8	6.5	6.2	83						
84											6.9	7.1	7.1	6.8	6.5	6.2	5.9	84						
85											6.8	7	6.8	6.6	6.2	6	5.7	85						
86												6.9	6.6	6.3	6	5.7	5.4	86						
87												6.7	6.3	6.1	5.7	5.5	5.2	87						
88												6.4	6.1	5.8	5.5	5.3	4.9	88						
89													5.9	5.6	5.3	5	4.7	89						
90														5.6	5.4	5	4.8	90						
91															5.1	4.8	4.6	4.2	91					
92																4.9	4.6	4.4	4	92				
93																	4.7	4.4	4.1	3.8	93			
94																		4.2	3.9	3.6	94			
95																			3.9	3.7	3.4	95		
96																				3.5	3.2	96		
97																					3.3	3	97	
98																						3.1	2.8	98
99																							2.6	99
100																							2.4	100
101																							2.2	101

Conforms to EN13000-1, EN13000-2, and ISO 4305.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 Load Chart

FJ configuration

Unit: t

m	Boom to jib angle 30°, Boom 20~68m, Fixed jib 42m, Rear counterweight 128t, Carbody counterweight 60t, 0.57°																	m							
	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65	68								
29	12.3	11.1																						29	
30	11.9	11.1	12	12.2	12.3	12.4																			30
31	11.5	10.8	11.8	11.9	12	12.1	12.2	12.3	12.3																31
32	11.2	10.7	11.5	11.6	11.7	11.8	11.9	12	12.1	12.1	12.2	12.3	12.4												32
33	10.8	10.4	11.1	11.3	11.4	11.5	11.6	11.7	11.8	11.9	12	12	12.1	12.2	12.2	12.3	12.4								33
34	10.5	10.2	10.8	11	11.1	11.2	11.3	11.5	11.5	11.6	11.7	11.8	11.9	12	12	12.1	12.2	12.4							34
35	10.2	10	10.6	10.7	10.8	11	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.7	11.8	11.9	12	12.4							35
36	10	9.8	10.3	10.4	10.6	10.7	10.8	11	11.1	11.2	11.3	11.4	11.4	11.5	11.6	11.7	11.8	12.4							36
37	9.7	9.5	10	10.2	10.3	10.5	10.6	10.7	10.8	11	11.1	11.2	11.2	11.3	11.4	11.5	11.6	12.4							37
38	9.4	9.3	9.8	10	10.1	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11	11.1	11.2	11.3	11.4	12.4							38
39	9.2	9.1	9.6	9.7	9.9	10	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11	11.1	11.2	12.4							39
40	8.9	9	9.3	9.5	9.7	9.8	10	10.1	10.2	10.3	10.4	10.6	10.7	10.8	10.8	10.9	11	12.4							40
41	8.7	8.8	9.1	9.3	9.5	9.6	9.8	9.9	10	10.1	10.3	10.4	10.5	10.6	10.7	10.8	10.8	12.4							41
42	8.5	8.6	8.9	9.1	9.2	9.4	9.6	9.7	9.8	10	10.1	10.2	10.3	10.4	10.5	10.6	10.7	12.4							42
43	8.3	8.4	8.7	8.9	9.1	9.2	9.4	9.5	9.6	9.8	9.9	10	10.1	10.2	10.3	10.4	10.5	12.4							43
44	8.1	8.3	8.5	8.7	8.9	9	9.2	9.3	9.5	9.6	9.7	9.8	10	10.1	10.2	10.3	10.4	12.4							44
45	7.9	8.1	8.3	8.5	8.7	8.9	9	9.2	9.3	9.4	9.6	9.7	9.8	9.9	10	10.1	10.2	12.4							45
46	7.7	7.9	8.1	8.3	8.5	8.7	8.8	9	9.1	9.3	9.4	9.5	9.6	9.8	9.9	10	10.1	12.4							46
47	7.5	7.8	8	8.2	8.3	8.5	8.7	8.8	9	9.1	9.2	9.4	9.5	9.6	9.7	9.8	9.9	12.4							47
48	7.4	7.6	7.8	8	8.2	8.4	8.5	8.7	8.8	9	9.1	9.2	9.3	9.5	9.6	9.7	9.8	12.4							48
49	7.2	7.4	7.6	7.8	8	8.2	8.4	8.5	8.7	8.8	8.9	9.1	9.2	9.3	9.4	9.5	9.6	12.4							49
50	7	7.3	7.5	7.7	7.9	8	8.2	8.4	8.5	8.7	8.8	8.9	9.1	9.2	9.3	9.4	9.5	12.4							50
51	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.2	8.4	8.5	8.7	8.8	8.9	9	9.2	9.3	9.4	12.4							51
52	6.7	7	7.2	7.4	7.6	7.8	7.9	8.1	8.2	8.4	8.5	8.7	8.8	8.9	9	9.1	9.2	12.4							52
53	6.6	6.8	7.1	7.3	7.4	7.6	7.8	8	8.1	8.3	8.4	8.5	8.7	8.8	8.9	9	9.1	12.4							53
54	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.8	8	8.1	8.3	8.4	8.5	8.7	8.8	8.9	9	12.4							54
55	6.4	6.6	6.8	7	7.2	7.4	7.5	7.7	7.9	8	8.1	8.3	8.4	8.5	8.7	8.8	8.9	12.4							55
56	6.2	6.5	6.7	6.9	7.1	7.2	7.4	7.6	7.7	7.9	8	8.2	8.3	8.4	8.5	8.6	8.8	12.4							56
57	6.1	6.3	6.6	6.8	6.9	7.1	7.3	7.5	7.6	7.8	7.9	8	8.2	8.3	8.4	8.5	8.6	12.4							57
58	6	6.2	6.4	6.6	6.8	7	7.2	7.3	7.5	7.7	7.8	7.9	8.1	8.2	8.3	8.4	8.5	12.4							58
59	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.2	7.4	7.5	7.7	7.8	8	8.1	8.2	8.3	8.4	12.4							59
60	5.8	6	6.2	6.4	6.6	6.8	7	7.1	7.3	7.4	7.6	7.7	7.8	8	8.1	8.2	8.3	12.4							60
61	5.8	5.9	6.1	6.3	6.5	6.7	6.9	7	7.2	7.3	7.5	7.6	7.7	7.9	8	8.1	8.2	12.4							

08 Load Chart

FJ configuration

Unit: t

m	Boom to jib angle 30°, Boom 20~68m, Fixed jib 42m, Rear counterweight 128t, Carbody counterweight 60t, 0.57°																m												
	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65		68											
72					5.7	5.8	6	6.1	6.2	6.4	6.5	6.6	6.8	6.9	7	7.1	7.2	72											
73						5.8	5.9	6	6.2	6.3	6.4	6.6	6.7	6.8	6.9	7.1	7.2	73											
74						5.7	5.8	6	6.1	6.2	6.4	6.5	6.6	6.7	6.9	7	7.1	74											
75						5.7	5.8	5.9	6	6.2	6.3	6.4	6.5	6.7	6.8	6.9	7	75											
76							5.8	5.9	6	6.1	6.2	6.4	6.5	6.6	6.7	6.8	7	76											
77							5.7	5.8	5.9	6	6.2	6.3	6.4	6.5	6.7	6.8	6.9	77											
78								5.8	5.9	6	6.1	6.2	6.4	6.5	6.6	6.7	6.8	78											
79								5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.6	6.7	79											
80								5.7	5.8	5.9	6	6.1	6.2	6.3	6.5	6.6	6.7	80											
81									5.8	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.6	81											
82									5.7	5.8	5.9	6	6.1	6.2	6.3	6.5	6.6	82											
83										5.8	5.9	6	6.1	6.2	6.3	6.4	6.5	83											
84										5.7	5.8	5.9	6	6.1	6.2	6.3	6.4	84											
85										5.7	5.8	5.9	6	6.1	6.2	6.3	6.4	85											
86											5.8	5.8	5.9	6	6.1	6.2	6.3	86											
87											5.7	5.8	5.9	6	6.1	6.2	6.1	87											
88											5.7	5.8	5.8	5.9	6	6.1	5.9	88											
89												5.7	5.8	5.9	6	5.8	5.6	89											
90													5.7	5.8	5.9	5.7	5.6	90											
91														5.8	5.7	5.5	5.3	91											
92															5.5	5.4	5.2	4.8	92										
93																5.3	5.1	4.9	4.6	93									
94																	4.9	4.7	4.5	4.3	94								
95																		4.6	4.4	4.3	4.1	95							
96																				4.2	4	3.8	96						
97																					3.9	3.8	3.6	97					
98																						3.6	3.6	3.4	98				
99																							3.3	3.1	99				
100																								3.1	2.9	100			
101																									2.8	2.6	101		
102																											2.4	102	
103																												2.2	103

Conforms to EN13000-1, EN13000-2, and ISO 4305.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 Boom Configurations

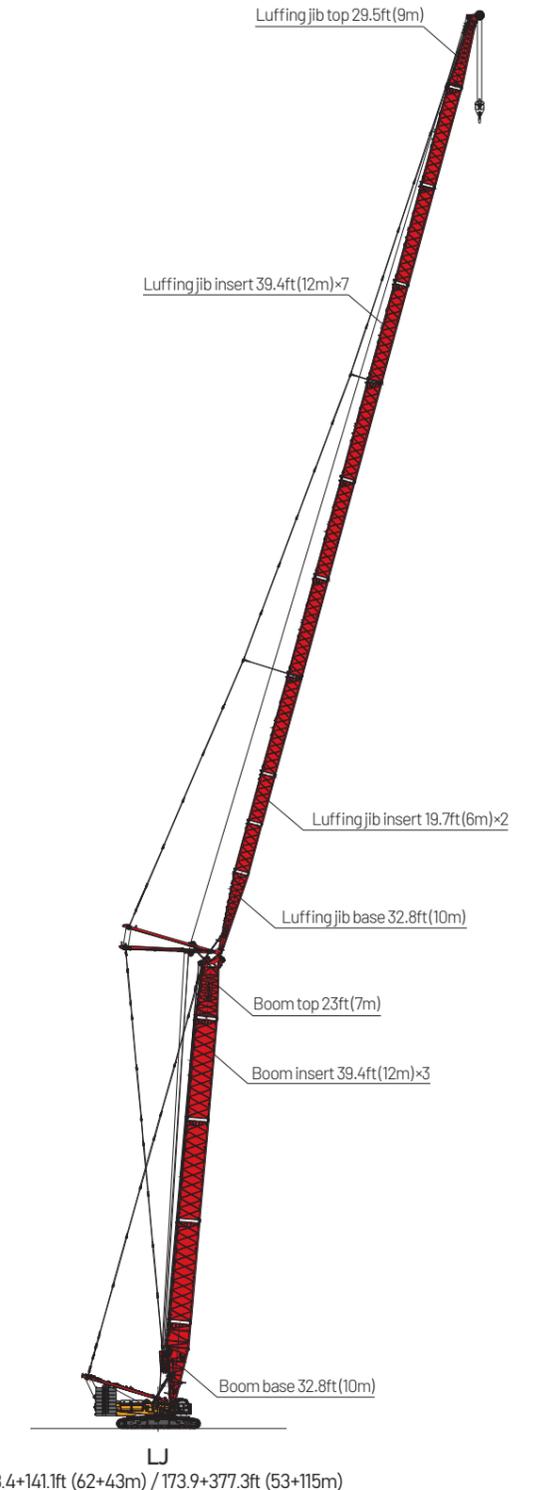
LJ configuration

1 Boom Configuration

Boom length (ft)	Boom length (m)	Inserts		
		9.8ft(3m)	19.7ft(6m)	39.4ft(12m)
65.6	20	1	-	-
75.5	23	-	1	-
85.3	26	1	1	-
95.1	29	-	-	1
105.0	32	1	-	1
114.8	35	-	1	1
124.7	38	1	1	1
134.5	41	-	-	2
144.4	44	1	-	2
154.2	47	-	1	2
164.0	50	1	1	2
173.9	53	-	-	3
183.7	56	1	-	3
193.6	59	-	1	3
203.4	62	1	1	3

2 Luffing Jib Configuration

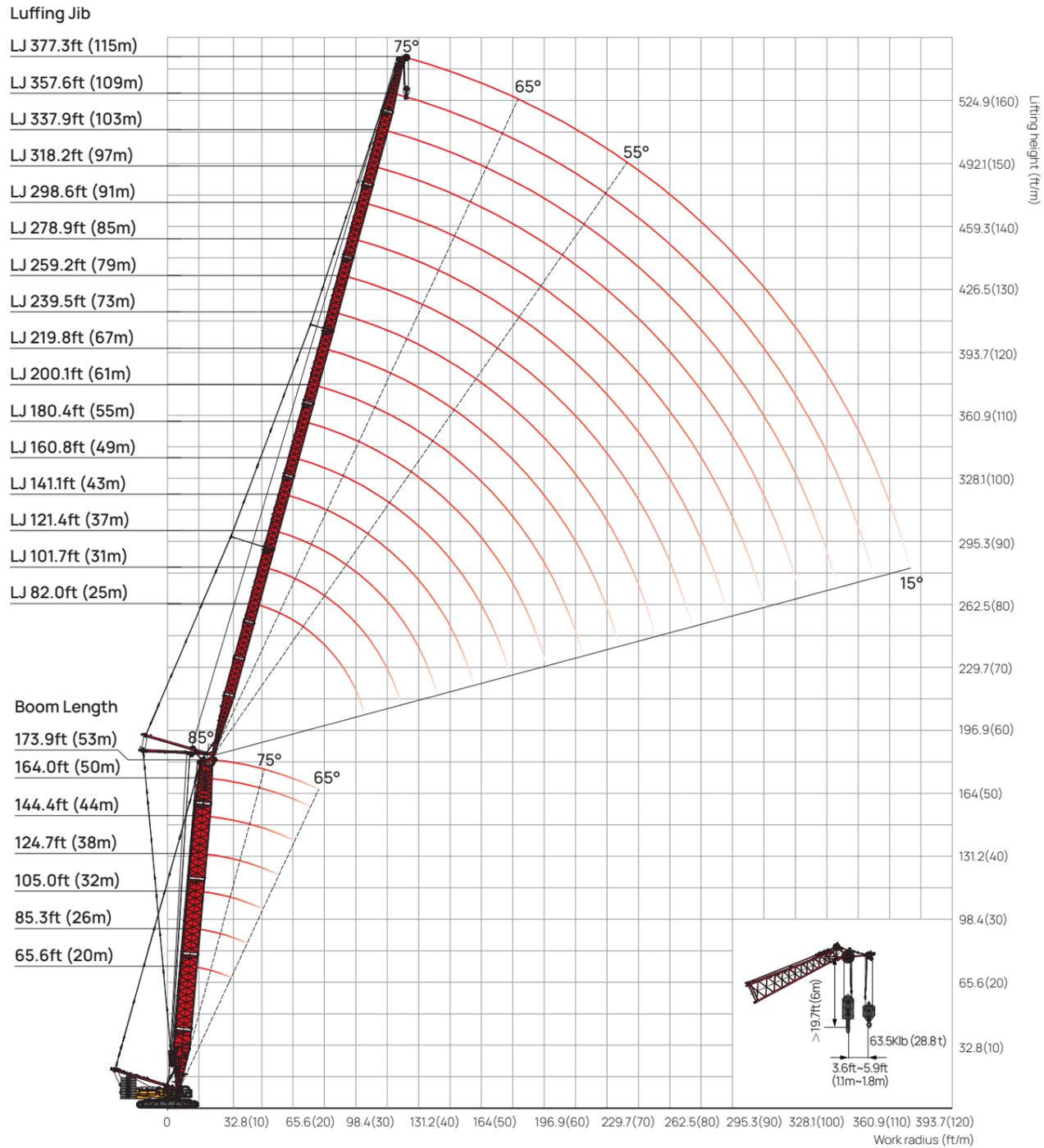
Luffing jib length (ft)	Luffing jib length (m)	Inserts	
		19.7ft (6m)	39.4ft (12m)
82.0	25	1	-
101.7	31	-	1
121.4	37	1	1
141.1	43	-	2
160.8	49	1	2
180.4	55	-	3
200.1	61	1	3
219.8	67	-	4
239.5	73	1	4
259.2	79	-	5
278.9	85	1	5
298.6	91	-	6
318.2	97	1	6
337.9	103	-	7
357.6	109	1	7
377.3	115	2	7



LJ
203.4+141.1ft (62+43m) / 173.9+377.3ft (53+115m)

08 Working Radius

LJ configuration



08 Load Chart

LJ configuration

Unit: Klb

ft	Boom length 65.6ft, Boom angle 85°, Jib length 82~377.3ft, Rear counterweight 282.2Klb, Carbody counterweight 132.3Klb, 0.57°															ft	
	82	101.7	121.4	141.1	160.8	180.4	200.1	219.8	239.5	259.2	278.9	298.6	318.2	337.9	357.6		377.3
40	243																40
45	243	229															45
50	225	214	195.5														50
55	206.4	197	188.2	164.6													55
60	189.6	182.6	174.1	162.9	144.3												60
65	175.8	169	162.5	153.5	137.3	118.3											65
70	164.1	158.6	152.1	144.9	129.2	115.2	98.5										70
75	153.8	148.8	142.7	136.9	121.3	109.3	97.9	81.1									75
80	142.8	139.6	134.2	129.2	114	103.2	97	80.9	67.4								80
85	127	132	126.5	121.5	107.1	96.5	95.3	80	66.6	56.6							85
90	109.2	124.8	120.1	114.5	100.8	90.7	90.9	79.2	65.9	56	46.9						90
95		113.8	114.2	107.6	94.6	85.3	86.7	78.1	65.1	55.3	46.5	40.3					95
100		101	108.1	101.2	88.6	80.3	82.8	74.7	64.3	54.7	45.9	40.1	33				100
105		89.2	100.7	95.8	83.3	75.8	79.3	71.2	63.7	54.2	45.4	39.6	33	27.9			105
110		77.8	91.3	89.8	78.4	71.1	75.4	68	62.8	53.5	44.7	39.3	32.5	27.6	22.7		110
115			82.2	84.2	73.9	66.6	71.9	64.8	62.1	52.8	44.1	38.8	32.1	27.3	22.4	17.8	115
120			73.8	78.9	69.5	62.4	68.4	61.6	61.4	52.2	43.6	38.3	31.7	26.9	22.2	17.7	120
130			58.1	67.8	61.1	55.4	61.9	55.4	59.9	51	42.4	37.5	30.9	26	21.6	17	130
140				56	54.2	49.2	55.4	49.9	58.4	49.8	41.2	36.5	30	25.4	21	16.6	140
150					44.9	47.9	43.3	50	44.7	56.3	48.6	40.2	35.7	29.3	24.7	20.3	150
160						43.2	38.3	45	39.9	52.2	47.5	37.9	34.8	28.4	23.8	19.7	160
170						43.2	33.9	39.9	35.7	47.6	46.3	34.3	34	27.8	23.1	19.2	170
180							29.7	35.8	31.7	42.8	43.5	31	33.3	26.9	22.5	18.5	180
190								31.5	27.8	38	39.4	27.6	32.6	26.2	21.8	17.9	190
200								28.4	24.4	33.3	35.2	24.3	31.9	25.5	21.2	17.4	200
210									21.3	28.6	31	21.1	31.3	24.9	20.7	16.9	210
220									18.3	24.4	27	18.3	29.7	24.4	20	16.4	220
230										20.4	23.1	15.6	26.3	23.7	19.4	15.9	230
240										18	19.3	13.2	22.7	22.8	18.9	15.4	240
250											15.6	10.8	19.4	19.8	18.4	14.9	250
260											12.2	8.5	16.5	17	17.9	13.7	260
270												6.5	13.5	14.2	15.1	11.4	270
280												5.5	10.7	11.6	12.5	9.1	280
290													8	9.1	10	6.7	290
300														5.3	6.8	7.7	300

Conforms to ANSI/ASME B30.5, tested per SAE J987 and SAE J765. Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 Load Chart

LJ configuration

Unit: Klb

ft	Boom length 173.9ft, Boom angle 85°, Jib length 82~377.3ft, Rear counterweight 282.2Klb, Carbody counterweight 132.3Klb, 0.57°																ft					
	82	101.7	121.4	141.1	160.8	180.4	200.1	219.8	239.5	259.2	278.9	298.6	318.2	337.9	357.6	377.3						
50	187.6																50					
55	178.9	178.2															55					
60	162.1	163.3	147.4														60					
65	147.7	149.2	146.3	122.3													65					
70	135	137	137.4	121.7	101.6												70					
75	123.8	125.7	126.6	120.9	101.3	84.6											75					
80	113.8	115.5	117	117.9	100.8	84.5	71.9										80					
85	104.8	106.7	108.3	109.4	100.1	84	71.4	60.6									85					
90	97.4	99.4	100.7	101.9	99.3	83.5	71.1	60.3	50.7								90					
95	91	92.7	93.9	95	95.5	82.9	70.6	59.9	50.4	42.7							95					
100	86.8	86.6	87.7	88.7	89.2	82.2	70.2	59.5	50.1	42.6	35.8						100					
105		81.1	81.5	82.6	83.5	81.7	69.8	59	49.8	42.3	35.4	30.6					105					
110		76.4	77.1	77.7	78.3	79.2	69.3	58.7	49.4	41.9	35.3	30.4	24.9				110					
115		71.8	72.8	73.2	73.7	74.3	68.8	58.4	49.1	41.7	35	30.1	24.7	20.5			115					
120		69	68.5	69	69.4	69.6	68.3	58	48.8	41.5	34.7	29.9	24.6	20.4	16.3		120					
130			60.8	61.7	61.5	61.9	61.8	57.1	47.9	40.8	34.2	29.5	24.1	20.1	16.1	12.3	130					
140			55.9	55.3	55.4	55.6	55.3	55.2	47.2	40.1	33.5	29	23.7	19.6	15.7	12	140					
150				50.2	50	49.9	49.4	49.4	46.3	39.5	32.9	28.5	23.2	19.2	15.4	11.7	150					
160				46	45.2	45.2	44.7	44.3	44.4	38.8	32.2	28	22.8	18.8	15.1	11.3	160					
170					41	41	40.5	39.9	39.5	38.1	31.7	27.5	22.2	18.5	14.7	11	170					
180						37.3	36.8	36.3	35.7	35.4	31.1	27	21.9	18	14.4	10.7	180					
190							33.8	33.4	33.1	32.4	31.8	30.5	26.5	21.5	17.6	14.1	10.3	190				
200								30.4	30.1	29.4	28.5	27.9	26.1	21	17.2	13.7	10	200				
210									27.7	27.1	26.4	25.5	24.9	24.2	20.7	16.7	13.2	9.6	210			
220										24.7	23.9	23.2	22.5	21.7	20.2	16.4	12.8	9.3	220			
230											22.4	21.6	20.9	20.3	19.2	18.4	16	12.5	9	230		
240												19.5	18.8	18.1	16.9	16.1	15	12.2	8.7	240		
250													17.6	16.8	15.9	15	13.9	12.8	12.1	8.5	250	
260														15	14.1	13.2	12.1	11.2	10.4	8.2	260	
270															14.5	12.5	11.6	10.5	9.5	8.6	7.7	270
280																10.9	10.1	9	8	7	6	280
290																	9.4	8.6	7.5	6.6	5.5	290
300																		6.9	6	5.1	290	300

Conforms to ANSI/ASME B30.5, tested per SAE J987 and SAE J765.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 Load Chart

LJ configuration

Unit: t

m	Boom length 20m, Boom angle 85°, Jib length 25~115m, Rear counterweight 128t, Carbody counterweight 60t, 0.57°																m					
	25	31	37	43	49	55	61	67	73	79	85	91	97	103	109	115						
12	110																					12
13	110	104																				13
14	110	104																				14
15	103	98.5	88.7																			15
16	97.6	92.7	88.7																			16
17	92.4	88.3	84.3	74.7																		17
18	87.2	84	80	74.7	66.1																	18
19	83.1	79.9	76.5	71.9	64																	19
20	79	75.9	73.1	69.1	61.9	53.7																20
21	75.6	72.9	70	66.6	59.4	52.9	44.7															21
22	72.2	70	67	64.1	57	51.1	44.7															22
23	69.4	67.1	64.4	61.8	54.7	49.3	44.4	36.8														23
24	66.6	64.2	61.8	59.5	52.5	47.6	44.1	36.8	30.7													24
25	61.9	61.9	59.5	57.2	50.4	45.6	43.8	36.5	30.4													25
26	57.2	59.7	57.2	54.9	48.4	43.6	43.1	36.3	30.2	25.7												26
27	51.8	57.5	55.3	52.8	46.5	41.9	41.8	36	30	25.5	21.3											27
28	46.5	55.4	53.4	50.8	44.7	40.2	40.5	35.8	29.8	25.3	21.3											28
29		51.4	51.7	48.7	42.8	38.6	39.3	35.4	29.5	25.1	21.1	18.3										29
30		47.5	50.1	46.7	41	37.1	38.1	34.4	29.3	24.9	20.9	18.3										30
31		44	47.9	45.1	39.4	35.7	37	33.3	29.1	24.7	20.7	18.1	15									31
32		40.5	45.7	43.5	37.8	34.4	36	32.3	28.9	24.6	20.6	18	15	12.7								32
33		37.1	42.9	41.7	36.3	33	34.8	31.3	28.6	24.4	20.4	17.9	14.8	12.6								33
34		33.7	40.1	39.9	34.9	31.6	33.7	30.4	28.4	24.2	20.2	17.8	14.7	12.5	10.3							34
35			37.4	38.3	33.5	30.3	32.7	29.4	28.2	24	20	17.6	14.6	12.4	10.2	8.1						35
36			34.8	36.7	32.3	29	31.7	28.5	28	23.8	19.9	17.5	14.5	12.3	10.1	8.1						36
37			32.5	35.1	31	27.8	30.6	27.5	27.7	23.6	19.7	17.3	14.3	12.1	10	8						37
38			30.2	33.6	29.7	26.7	29.5	26.6	27.5	23.5	19.5	17.2	14.2	12	10	7.9						38
39			27.8	31.8	28.5	25.7	28.6	25.7	27.3	23.3	19.3	17.1	14.1	11.9	9.9	7.8						39
40			25.5	30.1	27.3	24.8	27.8	24.8	27.1	23.1	19.2	17	14	11.8	9.8	7.7						40
41				28.3	26.3	23.8	26.7	24	26.9	22.9	19	16.8	13.8	11.7	9.7	7.6						41
42				26.5	25.3	22.9	25.7	23.2	26.7	22.7	18.8	16.7	13.7	11.6	9.6	7.6						42
43				24.9	24.3	22	24.9	22.4	26.4	22.5	18.6	16.5	13.6	11.5	9.5	7.5						43
44				23.3	23.3	21.2	24.1	21.6	26.2	22.4	18.5	16.4	13.5	11.4	9.4	7.4						44
45				21.6	22.4	20.2	23.3	20.8	26	22.2	18.3	16.2	13.4	11.3	9.3	7.3						45
46				19.9	21.5	19.4	22.5	20.1	25.4	22	18.2	16.2	13.3	11.2	9.2	7.2						46
47					20.5	18.6	21.7	19.3	24.7	21.8	18	16	13.1	11	9.1	7.1						47
48					19.6	17.9	21	18.6	24.2	21.7	17.6	15.9	13	10.9	9	7.1						48
49					19.6	17.2	20.2	17.9	23.5	21.5	17	15.7	12.9	10.8	8.9	7						49
50					19.6	16.6	19.5	17.3	22.8	21.3	16.5	15.6	12.8	10.7	8.8	6.9						50
51					19.6	15.9	18.7	16.7	22.1	21.1	16	15.5	12.7	10.6	8.7	6.8						51
52						15.3	18	16.1	21.5	21	15.5	15.4	12.6	10.5	8.7	6.7						52
53						14.6	17.4	15.5	20.7	20.8	15	15.3	12.4	10.4	8.6	6.6						53
54						14	16.8	14.9	20	20.2	14.5	15.2	12.3	10.3	8.5	6.5						54
55						13.4	16.2	14.3	19.3	19.6	14	15.1	12.2	10.2	8.4	6.4						55
56						12.8	15.6	13.7	18.6	19.1	13.5	15	12.1	10.1	8.3	6.4						56
57						12.8	14.9	13.1	17.9	18.4	13	14.9	12	10	8.2	6.3						57
58							14.2	12.6	17.2	17.8	12.5	14.8	11.8	9.8	8.1	6.2						58

08 Load Chart

LJ configuration

Unit: t

m	Boom length 20m, Boom angle 85°, Jib length 25~115m, Rear counterweight 128t, Carbody counterweight 60t, 0.57°															m	
	25	31	37	43	49	55	61	67	73	79	85	91	97	103	109		115
59							13.5	12	16.5	17.2	12	14.7	11.7	9.7	8	6.1	59
60							12.9	11.5	15.8	16.6	11.5	14.6	11.7	9.7	8	6.1	60
61							12.9	11	15.1	15.9	11	14.5	11.6	9.6	7.9	6	61
62							12.9	10.6	14.4	15.3	10.5	14.4	11.5	9.5	7.8	5.9	62
63							12.9	10.1	13.7	14.7	10	14.3	11.4	9.4	7.7	5.8	63
64								9.7	13	14.1	9.6	14.2	11.3	9.4	7.7	5.8	64
65								9.2	12.3	13.5	9.1	14.1	11.2	9.3	7.6	5.7	65
66								8.8	11.7	12.9	8.7	13.9	11.1	9.2	7.5	5.6	66
67								8.3	11.1	12.2	8.3	13.5	11	9.1	7.4	5.5	67
68								7.9	10.5	11.7	7.9	13.1	11	9	7.4	5.5	68
69								7.9	9.9	11.1	7.5	12.5	10.9	8.9	7.3	5.4	69
70									9.3	10.5	7.1	12	10.8	8.8	7.2	5.3	70
71									8.7	9.9	6.7	11.4	10.7	8.7	7.1	5.2	71
72									8.2	9.4	6.4	10.9	10.6	8.7	7.1	5.2	72
73									8.2	8.8	6	10.4	10.4	8.6	7	5.1	73
74									8.2	8.3	5.7	9.9	10	8.5	6.9	5.1	74
75									8.2	7.7	5.3	9.4	9.5	8.4	6.8	5	75
76										7.2	5	8.9	9.1	8.4	6.8	5	76
77									6.7	4.6	8.4	8.6	8.3	6.7	4.9	77	
78									6.2	4.3	8	8.2	8.2	6.6	4.8	78	
79									5.7	3.9	7.6	7.8	8.1	6.3	4.7	79	
80									5.2	3.6	7.2	7.4	7.8	6	4.7	80	
81										3.3	6.7	7	7.4	5.6	4.6	81	
82										3	6.3	6.6	7	5.3	4.3	82	
83										2.7	5.8	6.2	6.6	4.9	4	83	
84										2.5	5.4	5.8	6.2	4.6	3.7	84	
85										2.5	5	5.4	5.8	4.2	3.4	85	
86										2.5	4.6	5	5.4	3.9	3.1	86	
87											4.2	4.6	5	3.5	2.8	87	
88											3.8	4.3	4.7	3.2	2.6	88	
89											3.4	3.9	4.3	2.8		89	
90											3	3.6	4	2.5		90	
91											2.6	3.2	3.6	2.1		91	
92											2.2	2.9	3.3			92	
93												2.5	3			93	
94												2.1	2.7			94	
95													2.4			95	
96													2.1			96	

Conforms to EN13000-1, EN13000-2, and ISO 4305.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 Load Chart

LJ configuration

Unit: t

m	Boom length 53m, Boom angle 85°, Jib length 25~115m, Rear counterweight 128t, Carbody counterweight 60t, 0.57°															m				
	25	31	37	43	49	55	61	67	73	79	85	91	97	103	109		115			
15	85.1																15			
16	85.1	81.3															16			
17	79.9	80.6															17			
18	74.8	75.3	67														18			
19	70.5	71.1	66.6	55.5													19			
20	66.2	66.9	66.3	55.5													20			
21	62.5	63.3	63.5	55.3	46.1												21			
22	58.8	59.8	60	55.1	46.1												22			
23	55.7	56.6	57	54.8	45.9	38.4											23			
24	52.7	53.4	54.1	54.5	45.8	38.4	32.7										24			
25	50	50.8	51.5	51.9	45.5	38.2	32.5										25			
26	47.3	48.2	48.9	49.4	45.4	38.1	32.4	27.5									26			
27	45.1	46	46.6	47.2	45.1	37.9	32.3	27.4	23								27			
28	43	43.9	44.4	45	44.9	37.8	32.2	27.3	23								28			
29	41.2	42	42.5	43	43.2	37.5	32	27.2	22.9	19.4							29			
30	39.4	40.1	40.7	41.1	41.3	37.4	31.9	27.1	22.8	19.4	16.3						30			
31	39.4	38.4	38.8	39.3	39.5	37.2	31.8	26.9	22.7	19.2	16.2						31			
32		36.8	37	37.5	37.9	37.1	31.7	26.8	22.6	19.2	16.1	13.9					32			
33		35.4	35.7	36	36.3	36.7	31.5	26.7	22.5	19.1	16	13.8	11.3				33			
34		34	34.4	34.6	34.8	35.3	31.4	26.6	22.4	19	16	13.8	11.3				34			
35		32.6	33.1	33.3	33.5	33.8	31.2	26.5	22.2	18.9	15.9	13.7	11.2	9.3			35			
36		31.3	31.8	32	32.2	32.3	31.1	26.4	22.2	18.9	15.8	13.6	11.2	9.3			36			
37		31.3	30.5	30.8	31	31	30.9	26.2	22.1	18.7	15.7	13.5	11.1	9.2	7.4		37			
38			29.3	29.7	29.8	29.8	29.9	26.1	22	18.7	15.6	13.5	11.1	9.2	7.4	5.7	38			
39			28.2	28.6	28.6	28.7	28.7	26	21.8	18.6	15.5	13.4	11	9.1	7.3	5.6	39			
40			27.2	27.6	27.5	27.7	27.6	25.9	21.7	18.5	15.5	13.4	10.9	9.1	7.3	5.6	40			
41			26.3	26.6	26.6	26.7	26.6	25.7	21.6	18.4	15.4	13.3	10.8	9	7.2	5.5	41			
42			25.4	25.7	25.7	25.8	25.7	25.6	21.5	18.3	15.3	13.2	10.8	9	7.2	5.5	42			
43			25.4	24.8	24.9	24.9	24.7	24.7	21.4	18.2	15.2	13.1	10.7	8.9	7.1	5.4	43			
44				24	24.1	24.1	23.9	23.8	21.3	18.1	15.1	13.1	10.7	8.8	7.1	5.4	44			
45				23.3	23.3	23.2	23	23	21.1	18	15	13	10.6	8.7	7	5.3	45			
46				22.6	22.5	22.4	22.2	22.2	21	17.9	14.9	12.9	10.5	8.7	7	5.3	46			
47				21.7	21.7	21.7	21.5	21.4	20.9	17.7	14.8	12.8	10.4	8.6	6.9	5.2	47			
48				20.9	21	21	20.8	20.6	20.7	17.7	14.7	12.8	10.4	8.6	6.9	5.2	48			
49					20.3	20.3	20.1	19.9	19.9	17.6	14.6	12.7	10.3	8.5	6.8	5.1	49			
50					19.7	19.7	19.5	19.3	19.2	17.5	14.5	12.6	10.2	8.5	6.8	5.1	50			
51					19.1	19.1	18.9	18.6	18.5	17.4	14.4	12.5	10.1	8.4	6.7	5	51			
52					18.5	18.5	18.3	18	17.8	17.3	14.4	12.5	10.1	8.4	6.7	5	52			
53					18.5	17.9	17.7	17.4	17.2	17.2	14.3	12.4	10	8.3	6.6	4.9	53			
54					18.5	17.4	17.2	16.9	16.7	16.6	14.2	12.3	10	8.2	6.6	4.9	54			
55						16.8	16.6	16.4	16.1	16	14.1	12.2	9.9	8.1	6.5	4.8	55			
56						16.3	16.1	15.9	15.6	15.4	14	12.2	9.9	8.1	6.5	4.8	56			
57						15.8	15.6	15.4	15.1	14.9	13.9	12.1	9.8	8	6.4	4.7	57			
58						15.3	15.1	15	14.7	14.4	13.8	12	9.7	8	6.4	4.6	58			
59						14.8	14.6	14.5	14.2	13.9	13.6	11.9	9.6	7.9	6.3	4.6	59			
60						14.3	14.2	14.1	13.8	13.4	13.1	11.9	9.6	7.9	6.3	4.6	60			
61										13.8	13.6	13.3	12.9	12.6	11.8	9.5	7.8	6.2	4.5	61

Conforms to EN13000-1, EN13000-2, and ISO 4305.
Capacities shown in table are for reference only. Refer to Load Rating Manual for official lift capacities.

08 Load Chart

LJ configuration

Unit: t

m	Boom length 53m, Boom angle 85°, Jib length 25~115m, Rear counterweight 128t, Carbody counterweight 60t, 0.57°															m	
	25	31	37	43	49	55	61	67	73	79	85	91	97	103	109		115
62							13.4	13.2	12.9	12.5	12.2	11.8	9.5	7.7	6.1	4.5	62
63							13	12.7	12.4	12	11.7	11.4	9.4	7.6	6	4.4	63
64							12.6	12.3	12	11.6	11.3	11	9.4	7.6	6	4.4	64
65							12.6	11.9	11.6	11.2	10.9	10.6	9.3	7.5	5.9	4.3	65
66							12.6	11.6	11.2	10.8	10.6	10.2	9.2	7.5	5.9	4.3	66
67								11.2	10.8	10.5	10.2	9.8	9.1	7.4	5.8	4.2	67
68								10.9	10.5	10.2	9.9	9.5	9.1	7.4	5.8	4.2	68
69								10.5	10.1	9.8	9.5	9.1	8.7	7.3	5.7	4.1	69
70								10.2	9.8	9.5	9.2	8.7	8.4	7.3	5.6	4.1	70
71								9.8	9.5	9.2	8.9	8.3	8	7.2	5.6	4	71
72								9.5	9.2	8.9	8.6	8	7.7	7.2	5.6	4	72
73									8.8	8.6	8.2	7.7	7.3	6.8	5.5	3.9	73
74									8.6	8.3	7.9	7.4	7	6.5	5.5	3.9	74
75									8.3	8	7.6	7.1	6.7	6.2	5.5	3.9	75
76									8	7.7	7.3	6.9	6.4	5.9	5.5	3.9	76
77									8	7.4	7	6.6	6.1	5.6	5.4	3.8	77
78										7.1	6.7	6.3	5.8	5.4	5.1	3.8	78
79										6.8	6.4	6	5.5	5.1	4.8	3.7	79
80										6.6	6.2	5.8	5.3	4.9	4.5	3.7	80
81										6.6	5.9	5.5	5	4.6	4.2	3.6	81
82										6.6	5.7	5.3	4.8	4.4	4	3.6	82
83										6.6	5.5	5.1	4.6	4.1	3.7	3.3	83
84											5.3	4.9	4.4	3.9	3.5	3.1	84
85											5	4.6	4.1	3.7	3.2	2.8	85
86											4.8	4.4	3.9	3.5	3	2.5	86
87											4.5	4.2	3.7	3.3	2.8	2.2	87
88											4.3	4	3.5	3.1	2.6		88
89											4.3	3.7	3.2	2.8	2.3		89
90												3.5	3	2.6	2.1		90
91												3.2	2.8	2.4			91
92												3	2.6	2.2			92
93												3	2.4				93
94												3	2.2				94
95												3					95

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