

SANY

Load Charts

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Limitations and General Conditions



It is important to read and understand all load chart information in this section before hoisting a load with this machine. Failure to do can cause loss of control, serious injury, death or property damage.

Sany America crawler cranes meet the requirements of ANSI B30.5. Structure and stability have been tested in accordance with SAE J1063 and SAE J765, respectively. Modifications to the crane or use of optional equipment other than specified by Sany America can result in a reduction of capacity.

The main boom and auxiliary boom head lifting capacities are determined by boom length and load radius. The extension and jib lifting capacities are determined by boom angle.

Rated capacity loads given are maximum covered by the manufacturer's warranty and are based on a freely suspended load with NO allowance for factors such as out-of-level operation, supporting surface conditions, hazardous surroundings, experience of personnel, etc. The operator shall establish practical working loads based on prevailing operating conditions, such as, but not limited to, the information listed below.

Rated capacity loads appearing in the bold line are based on structural strength. Tipping should not be relied upon as a capacity limitation. Capacity loads appearing in the bold line are also based on stability and do not exceed 75% of tipping.

A properly calibrated and maintained LMI system will indicate boom mounted and other suspended equipment.

When making lifts where capacities may be within a zone limited by structural strength, the operator shall determine that the weight of the load is known within plus or minus (+/-) ten percent (10%) before making lift.

Side pull on boom is extremely dangerous and must be avoided completely.

Never exceed manufacturer's maximum specified rating whatsoever.

Never lift load or extend boom without proper configuration of crane per Sany America load chart selected.

Never attempt to lift any load when wind speed exceeds 14 m/s (31.3 mph).

Use only Sany-approved operator's manual load charts furnished with the crane. Use of unauthorized load charts could result in damage, loss of control or possible injury.

Operating Condition	Code
Main boom	(H)
Main boom and extension jib combination	(HC)
Main boom and fixed jib combination	(FJ)
Main boom and luffing jib combination	(LJ)

General Conditions

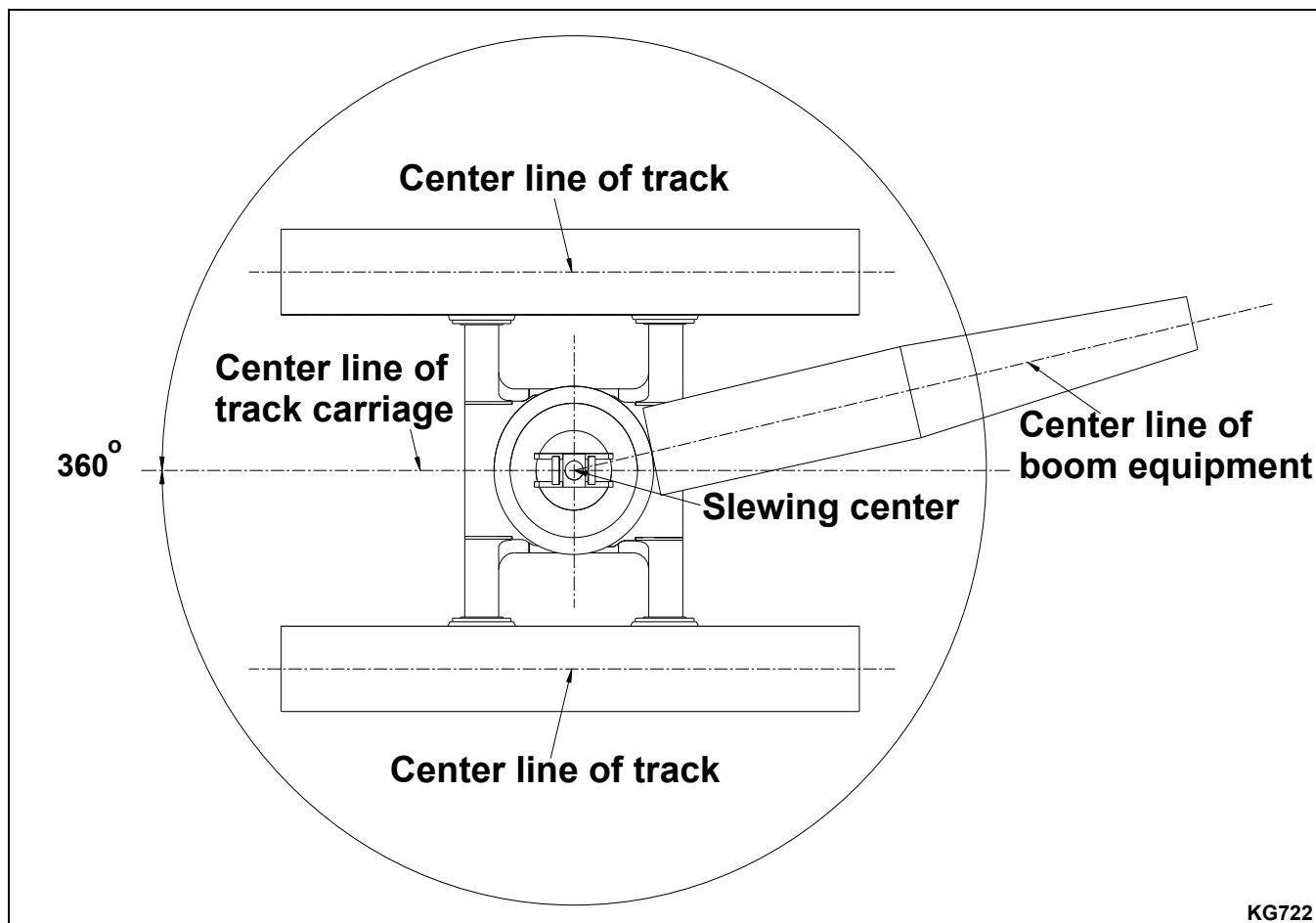


Fig. 8-1

Working Radius

Working Radius: refers to the horizontal distance from slewing center of the crane to center of loading steel rope or loading sheave set that hangs freely. Angle of the boom refers to the angle formed by central line of the boom and the horizontal line. In any case, the working radius: decides the hoisting capacity of the machine.

Gradient Angle

Gradient angle of the boom and ground should be within 0.5° . If the gradient angle exceeds this limit, the crane load should be reduced. In addition, when operating the crane within the scope of a kinetic wind-force of $120 \text{ N}\cdot\text{m}^2$ (0.0174 psi), that is, a wind speed of 14 m/s (31.3 mph), the site surface should have enough bearing capacity and no obstacles inside the working range whatsoever.

Calculating Condition of Load Capacity Table

Calculation of stability in this load capacity table refers to ISO 4305:1991 Crawler Crane, stability determination. This international standard specifies the conditions to be taken into consideration when verifying the stability of a crawler crane by calculation, assuming that the crane is operating on a firm and level surface (up to 1% gradient). It applies to crawler cranes as defined in ISO 4306-2., i.e., appliances mounted on wheels (tires) or track assemblies, with or without outriggers.

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Calculation of Load

Rated load includes weight of hoisting hook, hoisting tools, steel rope winding from the hook to head of the boom, and extension jib.

For load capacity table of main hook, the actual hoisting capacity should not include weight of main hook, hoisting tool of the main hook and steel rope winding from the main hook to head of the boom (calculated by 3.85 kg/m (2.45 ft-lb)); if extension jib is installed, it should deduct equivalent weight of the extension jib and weight of auxiliary hook, hoisting tool of the auxiliary hook and steel rope winding from the auxiliary hook to head of the extension jib calculated by 3.85 kg/m (2.45 ft-lb).

Hook Weight Table

Hook - t (USt)	272 (300)	150 (165)	100 (110)	80 (88)	35 (39)	13.5 (15)
Weight						
kg (lb)	4,300 (9,480)	3,100 (6,830)	2,000 (4,400)	1,500 (3,300)	1,200 (2,640)	450 (990)

Configuration Table

Hook (x 2,000lb)															
Tonnage	Weight t (USt)	x 22	x 18	x 16	x 14	x 12	x 10	x 8	x 7	x 6	x 5	x 4	x 3	x 2	x 1
272 (300)	4.2 (4.63)	260 (286)	220 (247)	198 (218)	174 (191)	150 (165)	125 (137)								
150 (165)	3.03 (3.31)					150 (165)	125 (137)	100 (110)	88 (97)						
100 (110)	1.98 (2.2)							100 (110)	88 (97)	75 (82)	60 (66)				
80 (88)	1.42 (1.54)									75 (82)	58 (63)	45 (49)	35 (380)	25 (27)	
35 (38.5)	1.3 (1.21)												35 (380)	25 (27)	13.5 (14)
13.5 (14.8)	0.43 (0.44)														13.5 (14)

Allowable Wind Speed

If the wind speed conditions exceed what is listed in the operating charts, it is not recommended to operate the crane. Wind speeds exceeding chart listings could result in loss of control or a rollover situation.

“H” and “HC” Operating Configurations

Boom Length m (ft' & in.)	Wind Speed m/sec (mph)	Allowable Dynamic Pressure N/m ² (psi)
<28.5 – 31.5 (93'6" – 103'4")	16 (35.8)	160 (0.023)
31.5 – 34.5 (103'4" – 113'2")	15 (33.6)	140 (0.02)
37.5 – 64.5 (123'0" – 211'7")	13.8 (30.9)	120 (0.017)
67.5 – 82.5 (221'5" – 270'8")	11.3 (26.40)	80 (0.012)
>85.5 (280'6")	9.8 (21.9)	60 (0.009)

“FJ” and “LJ” Operating Configurations

Boom Length m (ft' & in.)	Wind Speed m/sec (mph)	Allowable Dynamic Pressure N/m ² (psi)
<28.5 – 31.5 (93'6" – 103'4")	16 (35.8)	160 (0.023)
31.5 – 37.5 (103'4" – 123'0")	15 (33.6)	140 (0.02)
37.5 – 44.5 (123'0" – 145'12")	13.8 (30.9)	120 (0.017)
44.5 – 71.5 (145'12" – 234'7")	11.3 (26.40)	80 (0.012)
>98.5 (323'2")	9.8 (21.9)	60 (0.009)

Work Equipment Lifting Height and Operating Range

All data in load charts are specified for a 360° operating range of the boom.

H and HC - Operating Range Main Boom

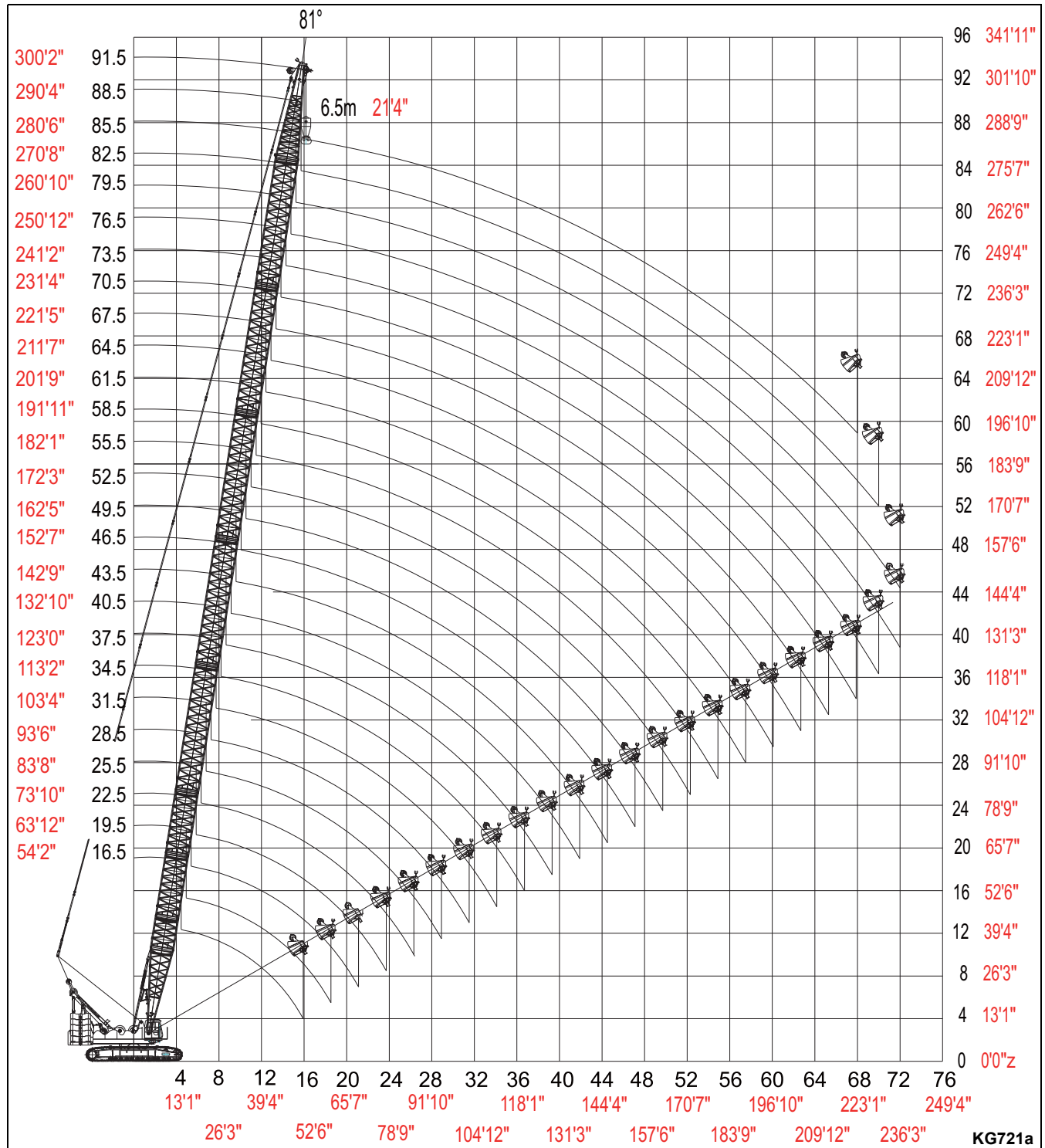


Fig. 8-2

FJ - Operating Range Main Boom and Fixed Jib

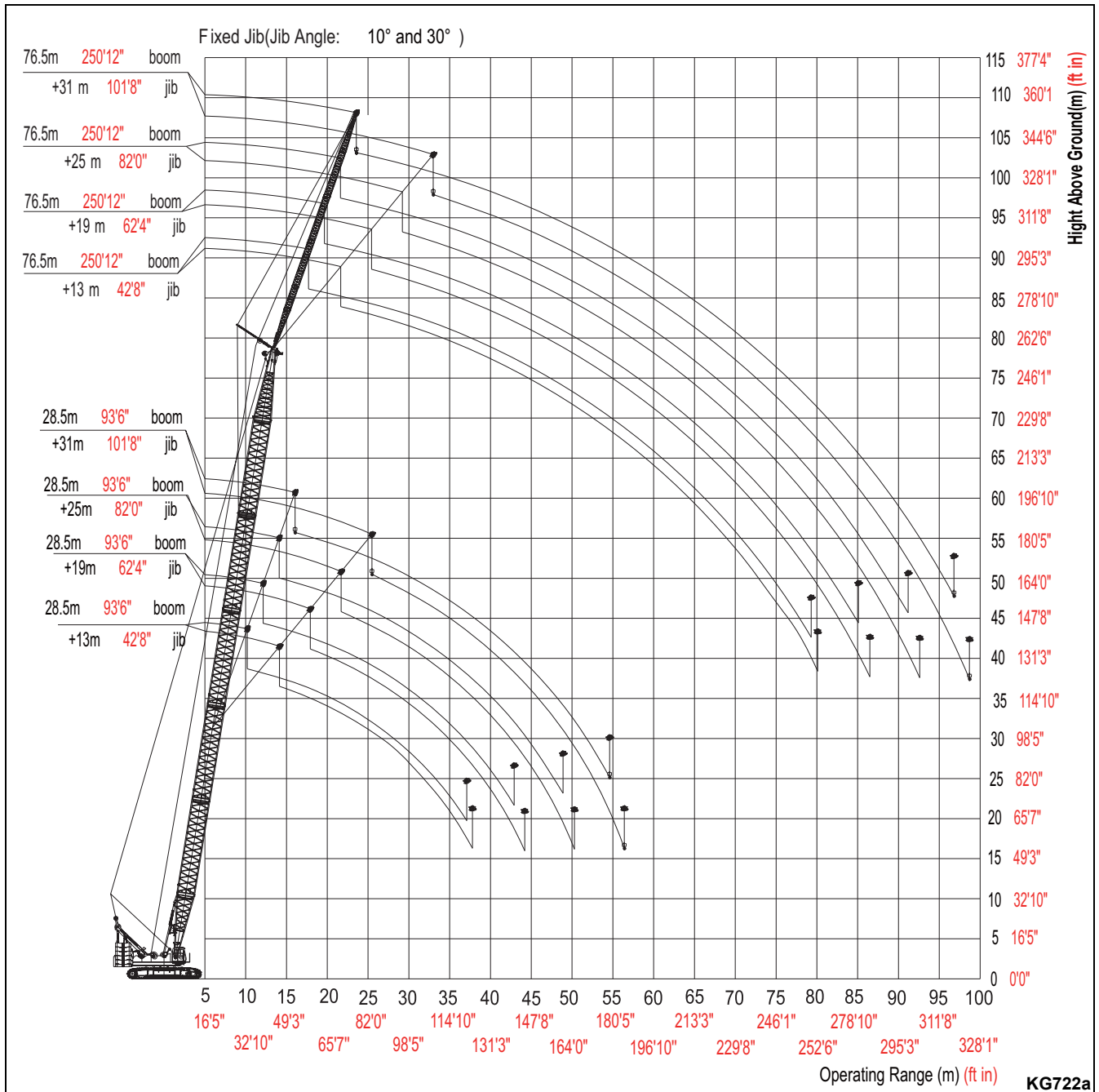


Fig. 8-3

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LJ - Operating Range Main Boom and Luffing Jib

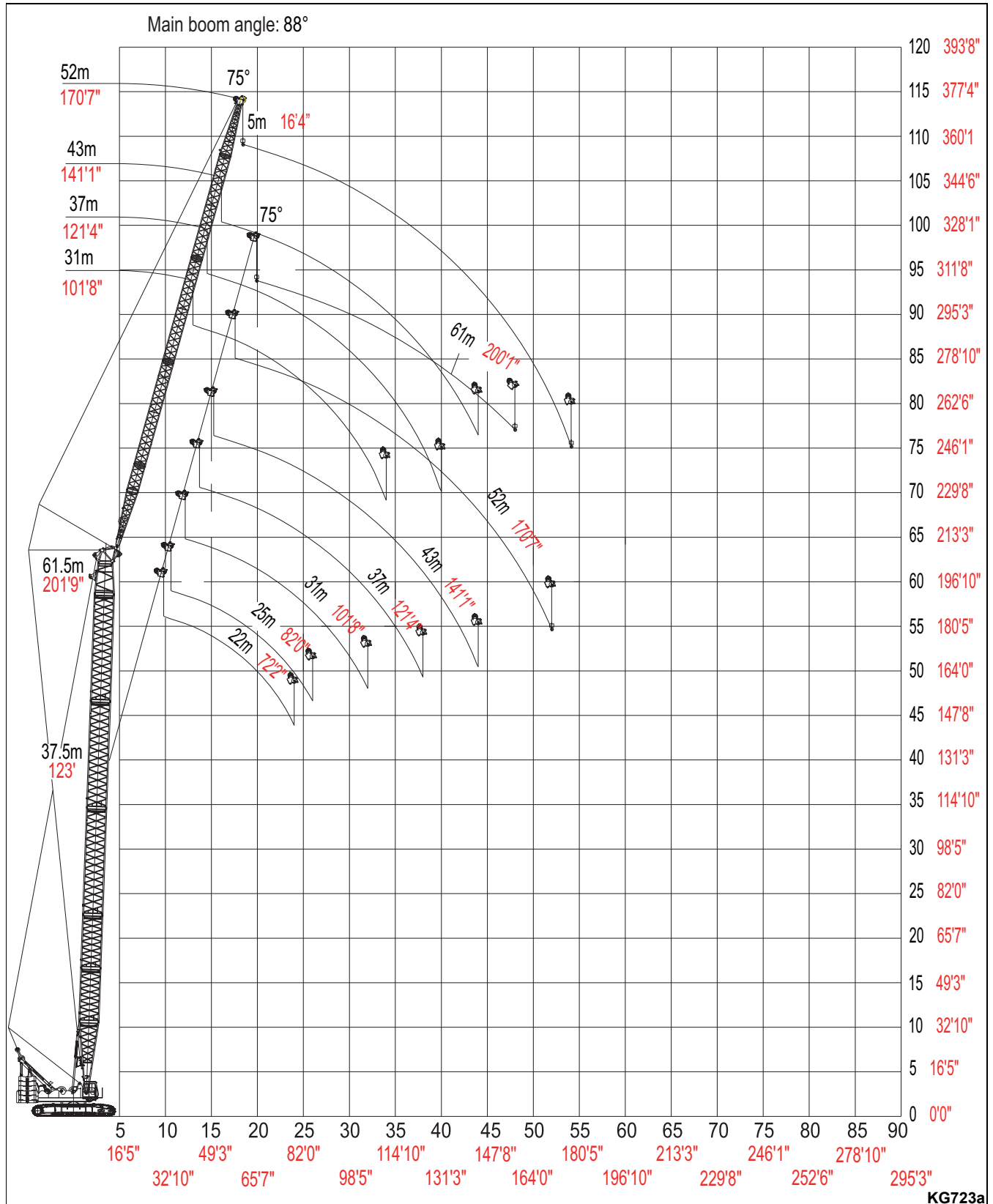
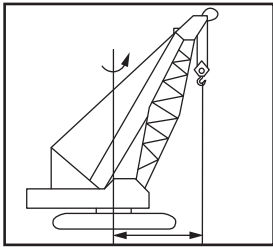
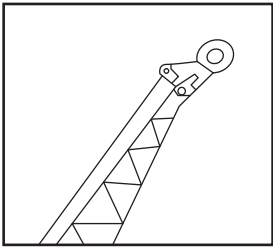
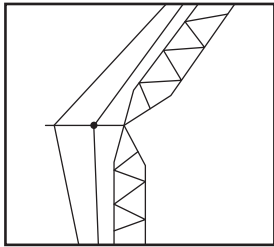
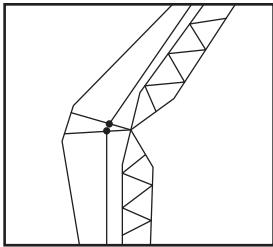
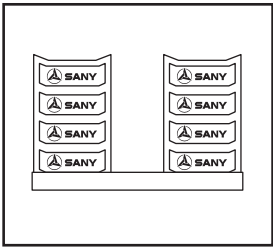
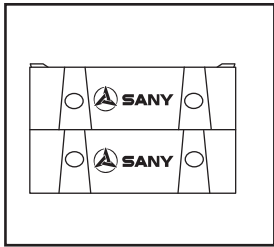
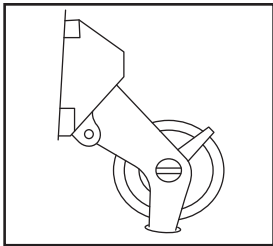
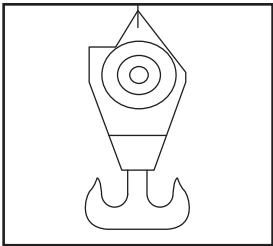
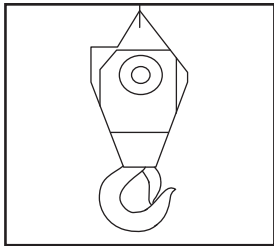
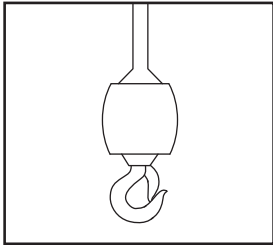


Fig. 8-4

		
Radius	Main Boom (H)	Fixed Jib (FJ)
		
Luffing Jib (LJ)	Counterweight and additional weight	Central Ballast
		
Extension Jib	Boom Hook	Jib Hook
		
Extension Jib Hook		

KG1287

Fig. 8-5

Boom and Hook “H” Operating Configuration

Rated hoisting capacity specified in the tables outlines the operating configuration under which standard counterweights and additional counterweight are included. The vertical value specified in the outlined black box covers the operating configuration for standard counterweights. The grey shading in the tables is determined by work equipment strength.

Boom Combination Operating Conditions

- The actual hoisting capacity is the value of the rated hoisting weight listed in the charts minus the weight of the hook blocks, hangers, spreaders and wire ropes between the hook block and boom/jib head.
- The rated load in the charts is the value when the crane is hoisting a load on level, stable firm ground and the load is lifted slowly, steadily under a non-travel condition.
- Listed rated load is within 75% of tipping load.

Table includes boom base 8 m (26’3”) and boom tip 8.5 m (27’10”)

Boom Length: meters (feet & inches)	Boom Inserts: meters (feet & inches)		
	A	B	C
	3 m (9’10”)	6 m (19’8”)	12 m (39’4”)
16.5 (54’2”)	—	—	—
19.5 (63’12”)	1	—	—
22.5 (73’10”)	—	1	—
25.5 (83’8”)	1	1	—
28.5 (93’6”)	—	—	1
31.5 (103’4”)	1	—	1
34.5 (113’2”)	—	1	1
37.5 (123’)	1	1	1
40.5 (132’10”)	—	—	2
43.5 (142’9”)	1	—	2
46.5 (152’7”)	—	1	2
49.5 (162’5”)	1	1	2
52.5 (172’3”)	—	—	3
55.5 (182’1”)	1	—	3
58.5 (191’11”)	—	1	3
61.5 (201’9”)	1	1	3
64.5 (211’7”)	—	—	4
67.5 (221’5”)	1	—	4
70.5 (231’4”)	—	1	4
73.5 (241’2”)	1	1	4
76.5 (251’)	—	—	5
79.5 (260’10”)	1	—	5
82.5 (270’8”)	—	1	5
85.5 (280’6”)	1	1	5
88.5 (290’4”)	—	2	5
91.5 (300’2”)	1	2	5

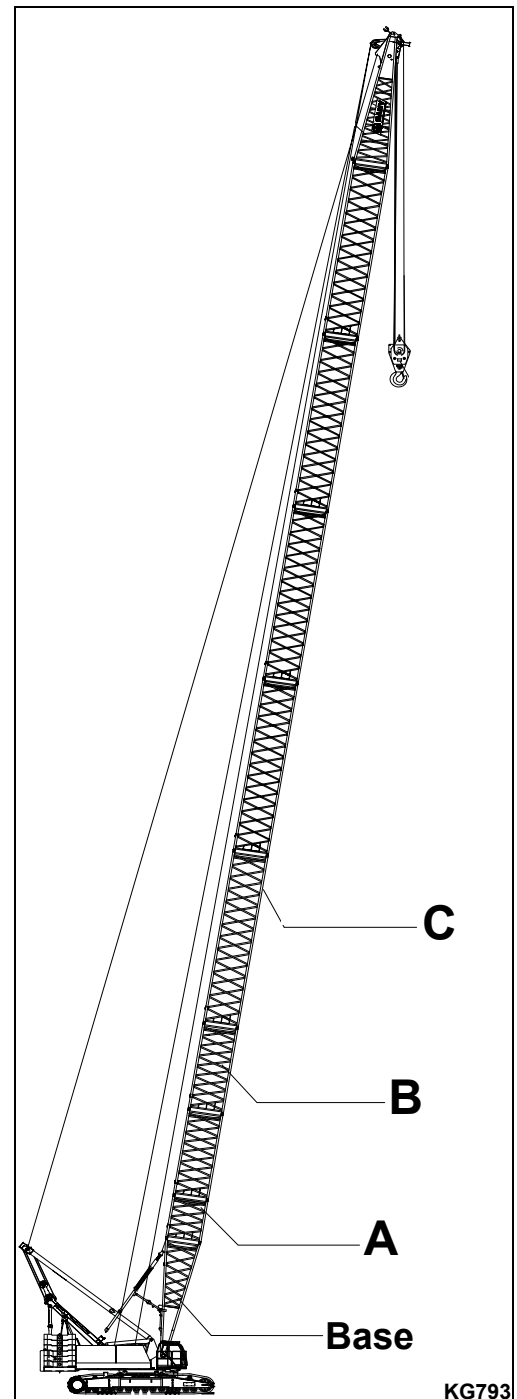


Fig. 8-6

Boom and Hook, "H" Operating Configuration



Radius: m (ft & in.)	Main boom length: meters (feet & inches) Unit: kg (lb) x 1000							
	16.5 (54'2")	19.5 (63'12")	22.5 (73'10")	25.5 (83'8")	28.5 (93'6")	31.5 (103'4")	34.5 (113'2")	37.5 (123'0")
4 (13'1")	4.8/272 (15'9"/600)							
5 (16'5")	235.5 (519.1)	228.5 (503.7)	5.4/206.5 (17'9"/455)					
6 (19'8")	196.3 (372.3)	193.5 (426.5)	191.2 (421.5)	5.9/184.0 (19'4"/405)	6.6/175.5 (21.8"/386)			
7 (22'12")	168.9 (327.3)	168.2 (370.8)	167.2 (368.6)	166.6 (367.2)	165.7 (365.3)	7.1/155.5 (23'4"/347)	7.7/145.5 (25'3"/320)	
8 (26'3")	148.2 (326.7)	147.5 (325.1)	146.6 (323.1)	145.8 (321.4)	145.6 (320.9)	147.5 (325.1)	143.3 (315.9)	8.2/128.2 (26'11"/282)
9 (29'6")	132.5 (292.1)	131.6 (290.1)	130.2 (287)	129.9 (286.3)	128.9 (284.1)	128.3 (282.8)	127.8 (281.7)	125.6 (276.8)
10 (32'10")	120.5 (265.6)	119.7 (263.8)	117.8 (259.7)	116.9 (257.7)	116.4 (256.6)	116.1 (255.9)	115.8 (255.2)	112.1 (247.1)
12 (39'4")	94.6 (208.5)	94.6 (208.5)	94.5 (208.3)	94.5 (208.3)	94.4 (208.1)	94.3 (207.8)	93.7 (206.5)	93.4 (205.9)
14 (45'11")	75.9 (167.3)	75.9 (167.3)	75.8 (167.1)	75.8 (167.1)	75.7 (166.8)	75.7 (166.8)	75.6 (166.6)	75.5 (166.4)
16 (52'6")	15.9/53 (52'2"/116)	64.0 (141)	63.3 (140.2)	63.4 (139.7)	63.4 (139.7)	63.4 (139.7)	63.3 (139.5)	63.2 (139.3)
18 (59'1")		55.3 (121.9)	54.1 (119.2)	54.1 (119.2)	54.1 (119.2)	54.1 (119.2)	53.9 (118.8)	53.8 (118.6)
20 (65'7")		18.5/50.5 (60'8"/111)	47.4 (104.4)	47.2 (104)	47.1 (103.8)	46.9 (103.3)	46.7 (102.9)	46.6 (102.7)
22 (72'2)			21.1/41.2 (69'3"/90)	41.6 (91.7)	41.5 (91.4)	41.3 (91)	41.1 (90.6)	41.0 (90.3)
24 (78'9")				23.7/35.2 (77'9"/77)	36.9 (81.3)	39.7 (80.9)	36.5 (80.4)	36.4 (80.2)
26 (85'4")					33.6 (74)	33.0 (72.7)	32.8 (72.3)	32.7 (72)
28 (91'10")					26.3/31.8 (86'3"/70)	29.8 (65.6)	29.6 (65.2)	29.5 (65)
30 (98'5")						28.9/27.2 (94'10"/59)	26.9 (59.3)	26.9 (59.3)
32 (104'12")							31.5/23.8 (103'4"/52)	24.5 (54)
34 (111'7")								21.5 (47.3)
36 (118'1")								
Counterweight	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)

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Boom and Hook, "H" Operating Configuration



Radius: m (ft & in.)	Main boom length: (feet & inches) Unit: kg (lb) x 1000						
	40.5 (132'10)	43.5 (142'9")	46.5 (152'7")	49.5 (162'5")		52.5 (172'3")	
8 (26'3")	8.7/120.5 (28'7"/265)						
9 (29'6")	118.5 (261.2)	9.2/108.8 (30'2"/239)	9.8/99.5 (32'2"/219)				
10 (32'10")	108.2 (238.5)	104.8 (231)	97.8 (215.6)	10.3/93.5 (33'10"/206)	10.3/93.5 (33'10"/206)	10.8/85.6 (35'5"/188)	10.8/85.6 (35'5"/188)
12 (39'4")	86.5 (190.6)	86.1 (189.8)	85.1 (187.6)	83 (182.9)	83 (182.9)	80.2 (176.8)	80.2 (176.8)
14 (45'11")	75.5 (166.4)	75.3 (166)	66.202 (145.9)	64.828 (142.8)	70.8 (156)	68.8 (151.6)	68.8 (151.6)
16 (52'6")	62.7 (138.2)	62.4 (137.5)	61.5 (135.5)	60.7 (133.8)	61.9 (136.4)	60.0 (132.2)	61.2 (134.9)
18 (59'1")	53.6 (118.1)	53.4 (117.7)	52.8 (116.4)	52.3 (115.3)	53.3 (117.5)	51.6 (113.7)	52.7 (116.1)
20 (65'7")	46.4 (102.2)	46.2 (101.8)	46.0 (101.4)	45.7 (100.7)	46.6 (102.7)	45.1 (99.4)	46.1 (101.6)
22 (72'2")	40.8 (89.9)	40.6 (89.5)	40.3 (88.8)	40.1 (88.4)	40.9 (90.1)	39.9 (87.9)	40.7 (89.7)
24 (78'9")	63.2 (79.8)	36.0 (79.3)	35.7 (78.7)	35.6 (78.4)	36.3 (80)	35.5 (77.8)	36.0 (79.3)
26 (85'4")	32.4 (71.4)	32.2 (70.9)	32.0 (70.5)	31.8 (70.1)	32.5 (71.6)	31.5 (69.4)	32.2 (70.9)
28 (91'10")	29.3 (64.5)	29.1 (64.1)	28.8 (63.4)	28.6 (63)	29.2 (64.3)	28.4 (62.6)	29.0 (63.9)
30 (98'5")	26.6 (58.6)	26.4 (58.2)	26.1 (57.5)	25.9 (57)	26.5 (58.4)	25.7 (56.6)	26.3 (57.9)
32 (104'12")	24.3 (53.5)	24.0 (52.9)	23.8 (52.4)	23.6 (52)	24.2 (53.3)	23.4 (51.5)	23.9 (52.6)
34 (111'7")	22.3 (49.1)	22.0 (48.5)	21.8 (48)	21.6 (47.6)	22.1 (48.7)	21.3 (46.9)	21.8 (48)
36 (118'1")	20.6 (45.4)	20.3 (44.7)	20.1 (44.3)	19.9 (43.8)	20.3 (44.7)	19.6 (43.2)	20.1 (44.3)
38 (124'8")	36.7/19.4 (120'5"/42)	18.8 (41.4)	18.5 (40.7)	18.3 (40.3)	18.8 (41.4)	18.0 (39.6)	18.5 (40.7)
40 (131'3")		39.3/17.3 (128'11"/38)	17.1 (37.6)	16.9 (37.2)	17.3 (38.1)	16.6 (36.50)	17.1 (37.6)
42 (137'10")			41.9/15.5 (137'6"/34)	15.7 (34.6)	16.1 (35.4)	15.4 (33.9)	15.8 (34.8)
44 (144'4")				14.6 (32.1)	15.0 (33)	14.3 (31.5)	14.6 (32.1)
46 (150'11")				44.5/13.7 (146'/30)	44.5/14.6 (146'/32)	13.3 (29.3)	13.6 (29.9)
48 (157'6")						47.1/11.7 (154'6"/25)	47.1/12.5 (154'/27)
Counter-weight	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)

Boom and Hook, "H" Operating Configuration



Radius: m (ft & in.)	Main boom length: meters (feet & inches) Unit: kg (lb) x 1000							
	55.5 (182'1")		58.8 (191'11")		61.5 (201'9")		64.5 (211'7")	
10 (32'10")	11.4/82.3 (37'5"/181)	11.4/82.3 (37'5"/181)	11.9/76.8 (39'/169)	11.9/76.8 (39'/169)				
12 (39'4")	76.5 (168.6)	76.5 (168.6)	75.2 (165.7)	75.2 (165.7)	12.4/69.1 (40'8"/152)	12.4/69.1 (40'8"/152)	12.9/67.8 (42'4"/149)	12.9/67.8 (42'4"/149)
14 (45'11")	68.3 (150.5)	68.3 (150.5)	63.8 (140.6)	63.8 (140.6)	61.2 (134.9)	61.2 (134.9)	59.2 (130.5)	59.2 (130.5)
16 (52'6")	59.3 (130.7)	60.5 (133.3)	57.8 (127.4)	57.8 (127.4)	56.6 (124.7)	56.6 (124.7)	54.9 (121)	54.9 (121)
18 (59'1")	51.5 (112.6)	52.1 (114.8)	50.5 (111.3)	51.5 (113.5)	50.0 (110.2)	51.1 (112.6)	49.4 (108.9)	50.5 (111.3)
20 (65'7")	44.6 (98.3)	45.5 (100.3)	44.1 (97.2)	45.0 (99.2)	43.7 (96.3)	44.6 (98.3)	43.2 (95.2)	44.1 (97.2)
22 (72'2")	39.5 (87)	40.3 (88.8)	38.9 (85.7)	39.7 (87.5)	38.6 (85)	39.4 (86.8)	38.1 (83.9)	38.9 (85.7)
24 (78'9")	35.1 (77.3)	35.8 (78.9)	34.7 (76.4)	35.5 (78.2)	34.4 (75.8)	35.2 (77.6)	33.9 (74.7)	34.7 (76.4)
26 (85'4")	31.3 (69)	32.0 (70.5)	31.1 (68.5)	31.7 (69.8)	30.9 (68.1)	31.6 (69.6)	30.5 (67.2)	31.1 (68.5)
28 (91'10")	28.2 (62.1)	28.8 (63.4)	27.9 (61.5)	28.5 (62.8)	27.8 (61.2)	28.4 (62.6)	27.5 (60.6)	28.1 (61.9)
30 (98'5")	25.5 (56.2)	26.1 (57.5)	25.2 (55.5)	25.7 (56.6)	25.0 (55.1)	25.6 (56.4)	24.8 (54.6)	25.3 (55.7)
32 (105')	23.1 (50.9)	23.7 (52.2)	22.8 (50.2)	23.3 (51.3)	22.7 (50)	23.3 (51.3)	22.4 (49.3)	23.0 (50.7)
34 (111'7")	21.1 (46.5)	21.6 (47.6)	20.8 (45.8)	21.3 (46.9)	20.7 (45.6)	21.2 (46.7)	20.4 (44.9)	20.9 (46)
36 (118'1")	19.4 (42.7)	19.8 (43.6)	19.0 (41.8)	19.5 (42.9)	18.9 (41.6)	19.4 (42.7)	18.6 (41)	19.1 (42.1)
38 (124'8")	17.8 (39.2)	18.2 (40.1)	17.5 (38.5)	17.9 (39.4)	17.4 (38.3)	17.8 (39.2)	17.1 (37.6)	17.5 (38.5)
40 (131'3")	16.4 (36.1)	16.8 (37)	16.1 (35.4)	16.5 (36.3)	16.0 (35.2)	16.4 (36.1)	15.7 (34.6)	16.1 (35.4)
42 (137'10")	15.2 (33.5)	15.6 (34.3)	14.8 (32.6)	15.2 (33.5)	14.7 (32.4)	15.1 (33.2)	14.4 (31.7)	14.8 (32.6)
44 (144'4")	14.1 (31)	14.4 (31.7)	13.7 (30.2)	14.1 (31)	13.6 (29.9)	14.0 (30.8)	13.3 (29.3)	13.7 (30.2)
46 (150'11")	13.1 (28.8)	13.4 (29.5)	12.7 (27.9)	13.1 (28.8)	12.6 (27.7)	12.9 (28.4)	12.3 (27.1)	12.6 (27.7)
48 (157'6")	12.1 (26.6)	12.4 (27.3)	11.8 (26)	12.1 (26.6)	11.6 (25.5)	12.0 (26.4)	11.3 (24.9)	11.7 (25.7)
50 (164')	49.7/10.8 (163'1"/23)	49.7/11.2 (163'1"/24)	11.0 (24.2)	11.3 (24.90)	10.8 (23.8)	11.1 (24.4)	10.5 (23.1)	10.8 (23.8)
52 (170'7")			10.3 (22.7)	10.3 (22.7)	10.0 (22)	10.3 (22.7)	9.7 (21.3)	10.0 (22)
54 (177'2")			52.3/9.1 (171'7"/20)	52.3/6.9 (171'7"/21)	9.3 (20.5)	9.6 (21.1)	8.9 (19.6)	9.3 (20.5)
56 (183'9")					54.9/8.1 (180'1"/17)	54.9/8.5 (180'1"/18)	8.3 (18.2)	8.6 (18.9)
58 (190'3")							57.5/7.2 (188'8"/15)	57.5/7.7 (188'8"/16)
Counter-weight	85.5 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)

Load Charts

SCC3000US

Boom and Hook, "H" Operating Configuration



Radius: m (ft & in.)	Main boom length: meters (feet & inches) Unit: kg (lb) x 1000							
	67.5 (221'5")		70.5 (231'4")		73.5 (241'2")		76.5 (250'12")	
12 (39'4")	13.5/63.9 (44'3"/140)	13.5/63.9 (44'3"/140)						
14 (45'11")	58.5 (128.9)	58.5 (128.9)	57.8 (124.4)	57.8 (127.4)	14.5/54.8 (47'7"/120)	14.5/54.8 (47'7"/120)	15.1/50.2 (49'6"/110)	15.1/50.2 (49'6"/110)
16 (52'6")	53.3 (117.5)	53.3 (117.5)	51.1 (112.6)	51.1 (112.6)	50.2 (110.6)	50.2 (110.6)	48.9 (107.8)	48.9 (107.8)
18 (59'1")	48.9 (107.8)	49.9 (110)	48.4 (106.7)	49.4 (108.9)	47.9 (105.6)	48.9 (107.8)	46.2 (101.8)	46.2 (101.8)
20 (65'7")	42.6 (93.9)	43.5 (95.0)	42.2 (93)	43.1 (95)	41.7 (91.9)	42.6 (93.9)	41.3 (91)	42.2 (93)
22 (72'2")	37.6 (82.8)	38.4 (84.6)	37.2 (82)	38.0 (83.7)	36.7 (80.9)	37.6 (82.8)	36.4 (80.2)	37.2 (82)
24 (78'9")	33.5 (73.8)	34.2 (75.3)	33.1 (72.9)	33.8 (74.5)	32.7 (72)	33.4 (73.6)	32.3 (71.2)	33.1 (72.9)
26 (85'4")	30.0 (66.1)	30.7 (67.6)	29.6 (65.2)	30.3 (66.7)	29.3 (64.5)	29.9 (65.9)	28.9 (63.7)	29.6 (65.2)
28 (91'10")	27.1 (59.7)	27.7 (61)	26.7 (58.8)	27.3 (60.1)	26.4 (58.2)	27.0 (59.5)	26.1 (57.5)	26.7 (58.9)
30 (98'5")	24.5 (54)	25.1 (55.3)	24.2 (53.3)	24.8 (54.6)	23.9 (52.6)	24.4 (53.7)	23.6 (52)	24.1 (53.1)
32 (105')	22.2 (48.9)	22.7 (50)	21.9 (48.2)	22.5 (49.6)	21.7 (47.8)	22.3 (49.1)	21.4 (47.1)	21.9 (48.2)
34 (111'7")	20.1 (44.3)	20.6 (45.4)	19.9 (43.8)	20.4 (44.9)	19.7 (43.4)	20.2 (44.5)	19.5 (42.9)	20.0 (44)
36 (118'1")	18.4 (40.5)	18.8 (41.4)	18.1 (39.9)	18.6 (41)	17.9 (39.4)	18.4 (40.5)	17.7 (39)	18.2 (40.1)
38 (124'8")	16.8 (37)	17.2 (37.9)	16.6 (36.5)	17.0 (37.4)	16.3 (35.9)	16.8 (37)	16.1 (35.4)	16.6 (36.5)
40 (131'3")	15.4 (33.9)	15.8 (34.8)	15.2 (33.5)	15.6 (34.3)	14.9 (32.8)	15.4 (33.9)	14.7 (32.4)	15.1 (33.2)
42 (137'10")	14.2 (31.3)	14.6 (32.1)	13.9 (30.6)	14.3 (31.5)	13.7 (30.2)	14.1 (31)	13.5 (29.7)	13.9 (30.6)
44 (144'4")	13.0 (28.6)	13.4 (29.5)	12.8 (28.2)	13.1 (28.8)	12.6 (27.7)	12.9 (28.4)	12.3 (27.1)	12.7 (27.9)
46 (150'11")	12.0 (26.4)	12.4 (27.3)	11.8 (26)	12.1 (26.6)	11.6 (25.5)	11.9 (26.2)	11.3 (24.9)	11.7 (25.7)
48 (157'6")	11.0 (24.2)	11.4 (25.1)	10.8 (23.8)	11.2 (24.6)	10.6 (23.3)	10.9 (24)	10.3 (22.7)	10.7 (23.5)
50 (164')	10.2 (22.4)	10.6 (23.3)	9.9 (21.8)	10.3 (22.7)	9.7 (21.3)	10.0 (22)	9.4 (20.7)	9.8 (21.6)
52 (170'7")	9.4 (20.7)	9.7 (21.3)	9.1 (20)	9.4 (20.7)	8.9 (19.6)	9.2 (20.2)	8.6 (18.9)	9.0 (19.8)
54 (177'2")	8.7 (19.1)	9.0 (19.8)	8.3 (18.2)	8.7 (19.1)	8.1 (17.8)	8.4 (18.5)	7.9 (17.4)	8.2 (18)
56 (183'9")	8.0 (17.6)	8.3 (18.2)	7.7 (16.9)	8.0 (17.6)	7.4 (16.3)	7.7 (16.9)	7.2 (15.8)	7.5 (16.5)
58 (190'3")	7.4 (16.3)	7.7 (16.9)	7.1 (15.6)	7.4 (16.3)	6.8 (14.9)	7.1 (15.6)	6.5 (14.3)	6.8 (14.9)
60 (196'10")	59.9/6.6 (196'6"/14)	59.9/6.8 (196'6"/14)	6.5 (14.3)	6.8 (14.9)	6.2 (13.6)	6.5 (14.3)	6.0 (13.2)	6.3 (13.8)
62 (203'5")			5.9 (13)	6.2 (13.6)	5.7 (12.5)	6.0 (13.2)	5.4 (11.9)	5.7 (12.5)
64 (209'12")			62.7/5.3 (205'8"/11)	62.7/5.9 (205'8"/11)	5.1 (11.2)	5.4 (11.9)	4.9 (10.8)	5.2 (11.4)
66 (219'6")					65.3/4.5 (214'3"/9)	65.3/4.9 (214'3"/10)	4.4 (9.7)	4.7 (10.3)
68 (223'1")							67.9/3.6 (222'9"/7)	67.9/4.1 222'9"/7)
Counterweight	85.5 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)

Boom and Hook, "H" Operating Configuration



Radius: m (ft & in.)	Main boom length: meters (feet & inches) Unit: kg (lb) x 1000							
	79.5 (260'10")		82.5 (270'8")		85.5 (280'6")		88.5 (290'4")	
14 (45'11")	15.6/45.8 (51'2"/100)	15.6/45.8 (51'2"/100)						
16 (52'6")	45.5 (100.3)	45.5 (100.3)	16.1/42.8 (52'10"/94)	16.1/42.8 (52'10"/94)	16.6/38.9 (54'6"/85)	16.6/38.9 (54'6"/85)	17.2/34.2 (56'5"/15)	17.2/34.2 (56'5"/15)
18 (59'1")	43.2 (95.2)	43.2 (95.2)	39.3 (86.6)	39.3 (86.6)	36.5 (80.4)	36.5 (80.4)	33.4 (76.6)	33.4 (76.6)
20 (65'7")	40.8 (89.9)	41.7 (91.9)	37.8 (83.3)	37.8 (83.3)	34.1 (75.1)	34.1 (75.1)	32.2 (70.9)	32.2 (70.9)
22 (72'2")	35.9 (79.1)	36.7 (80.9)	35.4 (78)	36.2 (79.8)	32.4 (71.4)	32.4 (71.4)	29.7 (65.4)	29.7 (65.4)
24 (78'9")	31.8 (70.1)	32.6 (71.8)	31.4 (69.2)	32.1 (70.7)	31.0 (68.3)	30.7 (67.6)	28.6 (63)	28.6 (63)
26 (85'4")	28.5 (62.8)	29.1 (64.1)	28.1 (61.9)	28.7 (63.2)	27.7 (61)	28.3 (62.3)	25.9 (57)	25.9 (57)
28 (91'10")	25.6 (56.4)	26.2 (67.7)	25.2 (55.5)	25.8 (56.8)	24.8 (54.6)	25.4 (55.9)	24.4 (53.7)	24.0 (52.0)
30 (98'5")	23.2 (51.1)	23.7 (52.3)	22.8 (50.2)	23.3 (51.3)	22.4 (49.3)	22.9 (50.4)	22.0 (48.5)	22.5 (49.6)
32 (105')	21.0 (46.2)	21.5 (47.3)	20.6 (45.4)	21.1 (46.5)	20.2 (44.5)	20.8 (45.8)	19.9 (43.8)	20.4 (44.9)
34 (111'7")	19.1 (42.1)	19.6 (43.2)	18.7 (41.2)	19.2 (42.9)	18.4 (40.5)	18.9 (41.6)	18.0 (39.6)	18.5 (40.7)
36 (118'1")	17.4 (38.3)	17.9 (39.4)	17.0 (37.4)	17.5 (38.5)	16.7 (36.8)	17.2 (37.9)	16.3 (35.9)	16.8 (37)
38 (124'8")	15.9 (35)	15.9 (35.9)	15.5 (34.1)	16.0 (35.2)	15.2 (33.5)	15.7 (34.6)	14.9 (32.8)	15.3 (33.7)
40 (131'3")	14.5 (31.9)	14.9 (32.8)	14.2 (31.3)	14.6 (32.1)	13.9 (30.6)	14.3 (31.5)	13.5 (29.7)	13.9 (30.6)
42 (137'10")	13.2 (29.1)	13.6 (29.9)	12.9 (28.4)	13.3 (29.3)	12.7 (27.9)	13.1 (28.8)	12.3 (27.1)	12.7 (27.9)
44 (144'4")	12.1 (26.6)	12.4 (27.3)	11.8 (26)	12.2 (26.8)	11.5 (25.3)	11.9 (26.2)	11.2 (24.9)	11.6 (25.5)
46 (150'11")	11.0 (24.2)	11.4 (25.1)	10.7 (23.5)	11.1 (24.4)	10.4 (22.9)	10.8 (23.8)	10.1 (22.2)	10.5 (23.1)
48 (157'6")	10.0 (22)	10.4 (22.9)	9.7 (21.3)	10.1 (22.2)	9.5 (20.9)	9.9 (21.8)	9.1 (20)	9.5 (20.9)
50 (164')	9.1 (20)	9.5 (20.9)	8.9 (19.6)	9.2 (20.2)	8.6 (18.9)	8.9 (19.6)	8.2 (18)	8.6 (18.9)
52 (170'7")	8.3 (18.2)	8.7 (19.1)	8.0 (17.6)	8.3 (18.2)	7.7 (16.9)	8.1 (17.8)	7.4 (16.3)	7.8 (17.1)
54 (177'2")	7.6 (16.7)	7.9 (17.4)	7.3 (16)	7.6 (16.7)	7.0 (15.4)	7.4 (16.3)	6.7 (14.7)	7.0 (15.4)
56 (183'9")	6.9 (15.2)	7.2 (15.8)	6.6 (14.5)	6.9 (15.2)	6.4 (14.1)	6.7 (14.7)	6.0 (13.2)	6.3 (13.8)
58 (190'3")	6.2 (13.6)	6.5 (14.3)	6.0 (13.2)	6.2 (13.6)	5.7 (12.5)	6.0 (13.2)	5.3 (11.6)	5.6 (12.3)
60 (196'10")	5.7 (12.5)	6.0 (13.2)	5.4 (11.9)	5.7 (12.5)	5.1 (11.2)	5.4 (11.9)	4.8 (10.5)	5.0 (11)
62 (203'5")	5.1 (11.2)	5.4 (11.9)	4.8 (10.5)	5.1 (11.2)	4.6 (10.1)	4.8 (10.5)	4.2 (9.2)	4.5 (9.9)
64 (209'12")	4.6 (10.1)	4.9 (10.8)	4.3 (9.4)	4.5 (9.9)	4.0 (8.8)	4.3 (9.4)	3.7 (8.1)	4.0 (8.8)
66 (219'6")	4.1 (9)	4.4 (9.7)	3.8 (8.3)	4.1 (9)	3.5 (7.7)	3.8 (8.3)	3.2 (7)	3.5 (7.7)
68 (223'1")	3.7 (8.1)	3.9 (8.5)	3.3 (7.2)	3.6 (7.9)	3.1 (6.8)	3.3 (7.2)	2.7 (5.9)	3.0 (6.6)
70 (229'8")	3.5 (7.7)	3.5 (7.7)	2.9 (6.3)	3.2 (7)	2.7 (5.9)	2.9 (6.3)	2.4 (5.2)	2.6 (5.7)
72 (236'3")			2.5 (5.5)	2.8 (6.1)	2.3 (5)	2.5 (5.5)		
Counterweight	85.5 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)

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Boom and Hook, "H" Operating Configuration



Radius: m (ft & in.)	91.5 (300'2")		Main boom length: meters (feet & inches) Unit: kg (lb) x 1000			
	17.7/33.1 (58.1/72)	17.7/33.1 (58.1/72)				
16 (52'6")	17.7/33.1 (58.1/72)	17.7/33.1 (58.1/72)				
18 (59'1")	30.8 (67.9)	30.8 (67.9)				
20 (65'7")	29.9 (65.9)	29.9 (65.9)				
22 (72'2")	28.3 (62.3)	28.3 (62.3)				
24 (78'9")	27.1 (59.7)	27.1 (59.7)				
26 (85'4")	25.1 (55.3)	25.1 (55.3)				
28 (91'10")	23.0 (50.7)	23.0 (50.7)				
30 (98'5")	21.1 (46.5)	21.1 (46.5)				
32 (105')	19.5 (42.9)	20.0 (44)				
34 (111'7")	17.6 (38.8)	18.1 (39.9)				
36 (118'1")	15.9 (35)	16.4 (36.1)				
38 (124'8")	14.5 (31.9)	14.9 (32.8)				
40 (131'3")	13.1 (28.8)	13.5 (29.7)				
42 (137'10")	11.9 (26.2)	13.3 (27.1)				
44 (144'4")	10.8 (23.8)	11.2 (24.6)				
46 (150'11")	9.8 (21.6)	10.1 (22.2)				
48 (157'6")	8.8 (19.4)	9.2 (20.2)				
50 (164')	7.9 (17.4)	8.3 (18.2)				
52 (170'7")	7.1 (15.6)	7.5 (16.5)				
54 (177'2")	6.4 (14.1)	6.7 (14.7)				
56 (183'9")	5.7 (12.5)	6.0 (13.2)				
58 (190'3")	5.1 (11.2)	5.4 (11.9)				
60 (196'10")	4.5 (9.9)	4.7 (10.3)				
62 (203'5")	3.9 (8.5)	4.2 (9.2)				
64 (209'12")	3.4 (7.4)	3.7 (8.1)				
66 (219'6")	2.9 (6.3)	3.1 (6.8)				
68 (223'1")	2.4 (5.2)	2.7 (5.9)				
70 (229'8")						
Counterweight	85.5 (187.8)	85.2+5.8 (187.8+12.7)				

Boom and Hook “HC” Operating Configuration

- The actual hoisting capacity is the value of the rated hoisting weight listed in the charts minus the weight of the hook blocks, hangers, spreaders and wire ropes between the hook block and boom/jib head.
- The rated load in the charts is the value when the crane is hoisting a load on level, stable firm ground and the load is lifted slowly, steadily under a non-travel (stationary) condition.
- Listed rated load is within 75% of tipping load.

Boom Combination Operating Conditions

Table includes boom base 8 m (26’3”) and boom tip 8.5 m (27’10”)

Boom Length: meters (feet & inches)	Boom Inserts: meters (feet & inches)		
	A	B	C
	3 m (9’10”)	6 m (19’8”)	12 m (39’4”)
16.5 (54’2”)	—	—	—
19.5 (63’12”)	1	—	—
22.5 (73’10”)	—	1	—
25.5 (83’8”)	1	1	—
28.5 (93’6”)	—	—	1
31.5 (103’4”)	1	—	1
34.5 (113’2”)	—	1	1
37.5 (123’)	1	1	1
40.5 (132’10”)	—	—	2
43.5 (142’9”)	1	—	2
46.5 (152’7”)	—	1	2
49.5 (162’5”)	1	1	2
52.5 (172’3”)	—	—	3
55.5 (182’1”)	1	—	3
58.5 (191’11”)	—	1	3
61.5 (201’9”)	1	1	3
64.5 (211’7”)	—	—	4
67.5 (221’5”)	1	—	4
70.5 (231’4”)	—	1	4
73.5 (241’2”)	1	1	4
76.5 (251’)	—	—	5
79.5 (260’10”)	1	—	5
82.5 (270’8”)	—	1	5
85.5 (280’6”)	1	1	5
88.5 (290’4”)	—	2	5
91.5 (300’2”)	1	2	5

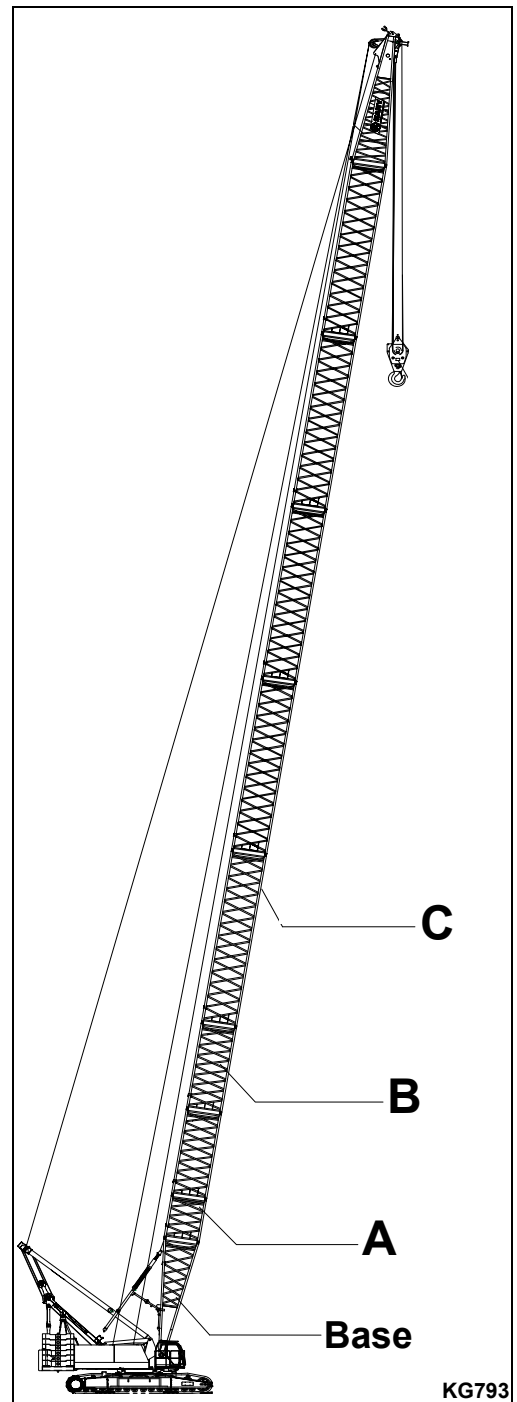




Fig. 8-7

Load Charts

SCC3000US



Boom and Hook, "HC" Operating Configuration



Table includes: Extension jib  and ball hook 

Radius: m (ft & in.)	Main boom length: meters (feet & inches) Unit: kg (lb) x 1000							
	16.5 (54'2")	19.5 (63'12")	22.5 (73'10")	25.5 (83'8")	28.5 (93'6")	31.5 (103'4")	34.5 (113'2")	37.5 (123'0")
4 (13'1")	4.8/270.8 (15'9"/597)							
5 (16'5")	235.0 (518)	228.0 (502.6)	5.4/206 (17'9"/454)					
6 (19'8")	195.8 (431.6)	193.0 (425.4)	190.7 (420.4)	5.9/183.0 (19'4"/405)	6.6/175 (21.8"/385)			
7 (22'12")	168.4 (371.2)	167.7 (369.7)	166.7 (367.5)	166.1 (366.1)	165.2 (364.1)	7.1/155 (23'4"/341)	7.7/145 (25'3"/319)	
8 (26'3")	147.7 (325.6)	147.0 (324)	146.1 (322)	145.3 (320.3)	145.1 (319.8)	145.0 (319.6)	142.8 (314.8)	8.2/127.7 (26'11"/281)
9 (29'6")	132.0 (291)	131.1 (289)	129.7 (285.9)	129.4 (285.2)	128.4 (283)	127.8 (281.7)	127.3 (280.6)	125.1 (275.7)
10 (32'10")	120.0 (264.5)	119.2 (262.7)	117.3 (258.5)	116.4 (256.6)	115.9 (255.5)	115.6 (254.8)	115.3 (254.1)	111.6 (246)
12 (39'4")	94.1 (207.4)	94.1 (207.4)	94.0 (207.2)	94.0 (207.2)	94.0 (207.2)	94.0 (207.2)	93.2 (205.4)	92.9 (204.8)
14 (45'11")	75.3 (166)	75.2 (165.7)	75.2 (165.7)	75.2 (165.7)	75.2 (165.7)	75.2 (165.7)	75.1 (165.5)	75.0 (165.3)
16 (52'6")	15.9/52.5 (52'2"/115)	63.5 (139.9)	63.1 (139.1)	62.9 (138.6)	62.9 (138.6)	62.9 (138.6)	62.8 (138.4)	62.7 (138.2)
18 (59'1")		54.8 (120.8)	53.6 (118.1)	53.6 (118.1)	53.6 (118.1)	53.6 (118.1)	53.4 (117.7)	53.3 (117.5)
20 (65'7")		18.5/50 (60'8"/110)	46.9 (103.3)	46.7 (102.9)	46.6 (102.7)	46.4 (102.2)	46.2 (101.8)	46.1 (101.6)
22 (72'2")			21.1/40.2 (69'3"/88)	41.1 (90.6)	41.0 (90.3)	40.8 (89.9)	40.6 (89.5)	40.5 (89.2)
24 (78'9")				23.7/34.7 (77'9"/76)	36.4 (80.2)	36.2 (79.8)	36.0 (79.3)	35.9 (79.1)
26 (85'4")					33.1 (72.9)	32.5 (71.6)	32.3 (71.2)	32.2 (70.9)
28 (91'10")					26.3/31.3 (86'3"/69)	29.3 (64.5)	29.1 (64.1)	29.0 (63.9)
30 (98'5")						28.9/26.7 (94'10"/58)	26.4 (58.2)	26.4 (58.2)
32 (104'12")							31.5/23.3 (103'4"/512)	24.0 (52.9)
34 (111'7")								21.0 (46.2)
Counter-weight	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)

Boom and Hook, "HC" Operating Configuration 

Table includes: Extension jib  and ball hook 

Radius: m (ft & in.)	Main boom length: meters (feet & inches) Unit: kg (lb) x 1000						
	40.5 (132'10)	43.5 (142'9")	46.5 (152'7")	49.5 (162'5")		52.5 (172'3")	
8 (26'3")	8.7/120 (28'7"/264)						
9 (29'6")	118.0 (260.1)	9.2/108.3 (30'2"/238)	9.8/99 (32'2"/218)				
10 (32'10")	107.7 (237.4)	104.3 (229.9)	93.3 (214.5)	10.3/93 (33'10"/205)	10.3/93 (33'10"/205)	10.8/85.1 (35'5"/187)	10.8/85.1 (35'5"/187)
12 (39'4")	86.0 (189.50)	85.6 (188.7)	84.6 (186.5)	82.5 (181.8)	82.5 (181.8)	79.7 (175.7)	79.7 (175.7)
14 (45'11")	75.0 (165.3)	74.8 (164.9)	65.7 (144.8)	64.3 (141.7)	70.3 (154.9)	68.3 (150.5)	68.3 (150.5)
16 (52'6")	62.2 (137.1)	61.9 (136.4)	61.0 (134.4)	60.2 (132.7)	61.4 (135.30)	59.5 (131.1)	60.7 (133.8)
18 (59'1")	53.1 (117)	52.9 (116.6)	52.3 (115.3)	52.8 (114.1)	52.8 (116.4)	51.1 (112.6)	52.2 (115)
20 (65'7")	45.9 (101.1)	45.7 (100.7)	45.5 (100.3)	45.2 (99.6)	46.1 (101.6)	44.6 (98.3)	45.6 (100.5)
22 (72'2")	40.3 (88.8)	40.1 (88.4)	39.8 (87.7)	39.6 (87.3)	40.4 (89)	39.4 (86.8)	40.2 (88.0)
24 (78'9")	35.7 (78.7)	35.5 (78.2)	35.2 (77.6)	35.1 (77.3)	35.8 (78.9)	34.8 (76.7)	35.5 (78.2)
26 (85'4")	31.9 (70.3)	31.7 (69.8)	31.5 (69.4)	31.3 (69)	32.0 (70.50)	31.0 (68.3)	31.7 (69.8)
28 (91'10")	28.8 (63.4)	28.6 (63)	28.3 (62.3)	28.1 (61.9)	28.7 (63.2)	27.9 (61.5)	28.5 (62.8)
30 (98'5")	26.1 (57.5)	25.9 (57)	25.6 (56.4)	25.4 (55.9)	26.0 (57.3)	25.2 (55.5)	25.8 (56.8)
32 (104'12")	23.8 (52.4)	23.5 (51.8)	23.3 (51.3)	23.1 (50.9)	23.7 (52.2)	22.9 (50.4)	23.4 (51.5)
34 (111'7")	21.8 (48)	21.5 (47.3)	21.3 (46.9)	21.1 (46.5)	21.6 (47.6)	20.8 (45.8)	21.3 (46.9)
36 (118'1")	20.1 (44.3)	19.8 (43.6)	19.6 (43.2)	19.4 (42.7)	19.8 (43.6)	19.1 (42.1)	19.6 (43.2)
38 (124'8")	36.7/18.9 (102'5"/41)	18.3 (40.3)	18.0 (39.6)	17.8 (39.2)	18.3 (40.3)	17.5 (38.5)	18.0 (39.0)
40 (131'3")		39.3/16.8 (128'11"/37)	16.6 (36.5)	16.4 (36.1)	16.8 (37)	16.1 (35.4)	16.6 (36.5)
42 (137'10")			41.9/15 (137'6"/33)	15.2 (33.5)	15.6 (34.3)	14.9 (32.8)	15.3 (33.7)
44 (144'4")				14.1 (31)	14.5 (31.9)	13.8 (30.4)	14.1 (31)
46 (150'11")				44.5/13.2 (145'13"/29)	44.5/14.1 (145'12"/31)	12.8 (28.2)	13.1 (28.8)
48 (157'6")						47.1/11.2 (154'6"/24)	47.1/12 (154'6"/26)
50 (164'0")							
Counter-weight	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)

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Boom and Hook, "HC" Operating Configuration

Table includes: Extension jib  and ball hook 

Radius: m (ft & in.)	Main boom length: meters (feet & inches) Unit: kg (lb) x 1000							
	55.5 (182'1")		58.5 (191'11")		61.5 (201'9")		64.5 (211'7")	
10 (32'10")	11.4/81.8 (37'5"/180)	11.4/81.8 (37'5"/180)	11.9/76.3 (39'0"/168)	11.9/76.3 (39'0"/168)				
12 (39'4")	76.0 (167.5)	76.0 (167.5)	74.7 (164.6)	74.7 (164.6)	12.4/68.6 (40'8"/151)	12.4/68.6 (40'8"/151)	12.9/67.3 (42'4"/148)	12.9/67.3 (42'4"/148)
14 (45'11")	67.8 (149.4)	67.8 (149.4)	63.3 (139.5)	63.3 (139.5)	60.7 (133.8)	60.7 (133.8)	58.7 (129.4)	58.7 (129.4)
16 (52'6")	58.8 (129.6)	60.0 (132.2)	57.3 (126.3)	57.3 (126.3)	56.1 (123.6)	56.1 (123.6)	54.4 (119.9)	54.4 (119.9)
18 (59'1")	50.6 (111.5)	51.6 (113.7)	50.0 (110.2)	51.0 (112.4)	49.5 (109.1)	50.6 (111.5)	48.9 (107.8)	50.0 (110.2)
20 (65'7")	44.1 (97.2)	45.0 (99.2)	43.6 (96.1)	44.5 (98.1)	43.2 (95.2)	44.1 (97.2)	42.7 (94.1)	43.6 (96.1)
22 (72'2")	39.0 (85.9)	39.8 (87.7)	38.4 (84.6)	39.2 (86.4)	38.1 (83.9)	38.9 (85.7)	37.6 (82.8)	38.4 (84.6)
24 (78'9")	34.6 (76.2)	35.3 (77.8)	34.2 (75.3)	35.0 (77.1)	33.9 (74.7)	34.7 (76.4)	33.4 (73.6)	34.2 (75.3)
26 (85'4")	30.8 (67.9)	31.5 (69.4)	30.6 (67.4)	31.2 (68.7)	30.4 (67)	31.1 (68.5)	30.0 (66.1)	30.6 (67.4)
28 (91'10")	27.7 (61)	28.3 (62.3)	27.4 (60.4)	28.0 (61.7)	27.3 (60.1)	27.9 (61.5)	27.0 (59.5)	27.6 (60.8)
30 (98'5")	25.0 (55.1)	25.6 (56.4)	24.7 (54.4)	25.2 (55.5)	24.5 (54)	25.1 (55.3)	24.3 (53.5)	24.8 (54.6)
32 (105')	22.6 (49.8)	23.2 (51.1)	22.3 (49.1)	22.8 (50.2)	22.2 (48.9)	22.8 (50.2)	21.9 (48.2)	22.5 (49.6)
34 (111'7")	20.6 (45.4)	21.1 (46.5)	20.3 (44.7)	20.8 (45.8)	20.2 (44.5)	20.7 (45.6)	19.9 (43.8)	20.4 (44.9)
36 (118'1")	18.9 (41.6)	19.3 (42.5)	18.5 (40.7)	19.0 (41.8)	18.4 (40.5)	18.9 (41.6)	18.1 (39.9)	18.6 (41)
38 (124'8")	17.3 (38.1)	17.7 (39)	17.0 (37.4)	17.4 (38.3)	16.9 (37.2)	17.3 (38.1)	16.6 (36.5)	17.0 (37.4)
40 (131'3")	15.9 (35)	16.3 (35.9)	15.6 (34.3)	16.0 (35.2)	15.5 (34.1)	15.9 (35)	15.2 (33.5)	15.6 (34.3)
42 (137'10")	14.7 (32.4)	15.1 (33.2)	14.3 (31.5)	14.7 (32.4)	14.2 (31.3)	14.6 (32.1)	13.9 (30.6)	14.3 (31.5)
44 (144'4")	13.6 (29.9)	13.9 (30.6)	13.2 (29.1)	13.6 (29.9)	13.1 (28.8)	13.5 (29.7)	12.8 (28.2)	13.2 (29.1)
46 (150'11")	12.6 (27.7)	12.9 (28.4)	12.2 (26.8)	12.6 (27.7)	12.1 (26.6)	12.4 (27.3)	11.8 (26)	12.1 (26.6)
48 (157'6")	11.6 (25.5)	11.9 (26.2)	11.3 (24.9)	11.6 (25.5)	11.1 (24.4)	11.5 (25.3)	10.8 (23.8)	11.2 (24.6)
50 (164')	49.7/10.3 (163'1"/22)	49.7/10.7 (163'1"/23)	10.5 (23.1)	10.8 (23.8)	10.3 (22.7)	10.6 (23.3)	10.0 (22)	10.3 (22.7)
52 (170'7")			9.8 (21.6)	9.8 (21.6)	9.5 (20.9)	9.8 (21.6)	9.2 (20.2)	9.5 (20.9)
54 (177'2")			52.3/8.6 (171'7"/18)	52.3/9.1 (171'7"/20)	8.8 (19.4)	9.1 (20)	8.4 (18.5)	8.8 (19.4)
56 (183'9")					54.9/7.6 (180'1"/16)	54.9/8 (180'1"/17)	7.8 (17.1)	8.1 (17.8)
58 (190'3")							57.5/6.7 (188'8"/14)	57.5/7.2 (188'8"/15)
Counter-weight	85.5 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)

Boom and Hook, "HC" Operating Configuration



Table includes: Extension jib  and ball hook 

Radius: m (ft & in.)	Main boom length: meters (feet & inches) Unit: kg (lb) x 1000							
	67.5 (221'5")		70.5 (231'4")		73.5 (241'2")		76.5 (250'12")	
12 (39'4")	13.5/63.4 (44'3"/139)	13.5/63.4 (44'3"/139)						
14 (45'11")	58.0 (127.8)	58.0 (127.8)	57.3 (126.3)	57.3 (126.3)	14.5/54.3 (47'7"/119)	14.5/54.3 (47'7"/119)	15.1/49.7 (49'6"/109)	15.1/49.7 (49'6"/109)
16 (52'6")	52.8 (116.4)	52.8 (116.4)	50.6 (111.5)	50.6 (111.5)	49.7 (109.5)	49.7 (109.5)	48.4 (106.7)	48.4 (106.7)
18 (59'1")	48.4 (106.7)	49.4 (108.9)	47.9 (105.6)	48.9 (107.8)	47.4 (104.4)	48.4 (106.7)	45.7 (100.7)	45.7 (100.7)
20 (65'7")	42.1 (92.8)	43.0 (94.7)	41.7 (91.9)	42.6 (93.9)	41.2 (90.8)	42.1 (92.8)	40.8 (89.9)	41.7 (91.9)
22 (72'2")	37.1 (81.7)	37.9 (83.5)	36.7 (80.9)	37.5 (82.6)	36.2 (79.8)	37.1 (81.7)	35.9 (79.1)	36.7 (80.9)
24 (78'9")	33.0 (72.7)	33.7 (74.2)	32.6 (71.8)	33.3 (73.4)	32.2 (70.9)	32.9 (72.5)	31.8 (70.1)	32.6 (71.8)
26 (85'4")	29.5 (65)	30.2 (66.5)	29.1 (64.1)	29.8 (65.6)	28.8 (63.4)	29.4 (64.8)	28.4 (62.6)	29.1 (64.1)
28 (91'10")	26.6 (58.6)	27.2 (59.9)	26.2 (57.7)	26.8 (59)	25.9 (57)	26.5 (58.4)	25.6 (56.4)	26.2 (57.7)
30 (98'5")	24.0 (52.9)	24.6 (54.2)	23.7 (52.2)	24.3 (53.5)	23.4 (51.5)	23.9 (52.6)	23.1 (50.9)	23.6 (52)
32 (105')	21.7 (47.8)	22.2 (48.9)	21.4 (47.1)	22.0 (48.5)	21.2 (46.7)	21.8 (48)	20.9 (46)	21.4 (47.1)
34 (111'7")	19.6 (43.2)	20.1 (44.3)	19.4 (42.7)	19.9 (43.8)	19.2 (42.30)	19.7 (43.4)	19.0 (41.8)	19.5 (42.9)
36 (118'1")	17.9 (39.4)	18.3 (40.3)	17.6 (38.8)	18.1 (39.9)	17.4 (38.3)	17.9 (39.4)	17.2 (37.9)	17.7 (39)
38 (124'8")	16.3 (35.9)	16.7 (36.8)	16.1 (35.4)	16.5 (36.3)	15.8 (34.8)	16.3 (35.9)	15.6 (34.3)	16.1 (35.4)
40 (131'3")	14.9 (32.8)	15.3 (33.7)	14.7 (32.4)	15.1 (33.2)	14.4 (31.7)	14.9 (32.8)	14.2 (31.3)	14.6 (32.1)
42 (137'10")	13.7 (30.2)	14.1 (31)	13.4 (29.50)	13.8 (30.4)	13.2 (29.1)	13.6 (29.9)	13.0 (28.6)	13.4 (29.5)
44 (144'4")	12.5 (27.5)	12.9 (28.4)	12.3 (27.1)	12.6 (27.7)	12.1 (26.6)	12.4 (27.3)	11.8 (26)	12.2 (26.8)
46 (150'11")	11.5 (25.3)	11.9 (26.2)	11.3 (24.9)	11.6 (25.5)	11.1 (24.4)	11.4 (25.1)	10.8 (23.8)	11.2 (24.6)
48 (157'6")	10.5 (23.1)	10.9 (24)	10.3 (22.7)	10.7 (23.5)	10.1 (22.2)	10.4 (22.9)	9.8 (21.6)	10.2 (22.4)
50 (164')	9.7 (21.3)	10.1 (22.2)	9.4 (20.7)	9.8 (21.6)	9.2 (20.2)	9.5 (20.9)	8.9 (19.6)	9.3 (20.5)
52 (170'7")	8.9 (19.6)	9.2 (20.2)	8.6 (18.9)	8.9 (19.6)	8.4 (18.5)	8.7 (19.1)	8.1 (17.8)	8.5 (18.7)
54 (177'2")	8.2 (18)	8.5 (18.7)	7.8 (17.1)	8.2 (18)	7.6 (16.7)	7.9 (17.4)	7.4 (16.3)	7.7 (16.9)
56 (183'9")	7.5 (16.5)	7.8 (17.1)	7.2 (15.8)	7.5 (16.5)	6.9 (15.2)	7.2 (15.8)	6.7 (14.7)	7.0 (15.4)
58 (190'3")	6.9 (15.2)	7.2 (15.8)	6.6 (14.5)	6.9 (15.2)	6.3 (13.8)	6.6 (14.5)	6.0 (13.2)	6.3 (13.8)
60 (196'10")	59.9/6.1 (196'6"/13)	59.9/6.3 (196'6"/13)	6.0 (13.2)	6.3 (13.8)	5.7 (12.5)	6.0 (13.2)	5.5 (12.1)	5.8 (12.7)
62 (203'5")			5.4 (11.9)	5.7 (12.5)	5.2 (11.4)	5.5 (12.1)	4.9 (10.8)	5.2 (11.4)
64 (209'12")			62.7/4.8 (205'8"/10)	62.7/5.4 (205'8"/11)	4.6 (10.1)	4.9 (10.8)	4.4 (9.7)	4.7 (10.3)
66 (219'6")					65.3/4 (214'3"/8)	653.4.4 (214'3"/9)	3.9 (8.5)	4.2 (9.2)
68 (223'1")							67.9/3.1 (222'9"/6)	67.9/3.6 (222'9"/7)
Counterweight	85.5 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)

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Boom and Hook, "HC" Operating Configuration



Table includes: Extension jib  and ball hook 

Radius: m (ft & in.)	Main boom length: meters (feet & inches) Unit: kg (lb) x 1000							
	79.5 (260'10")		82.5 (270'8")		85.5 (280'6")		88.5 (290'4")	
14 (45'11")	15.6/45.3 (51'2"/99)	15.6/45.3 (51'2"/99)						
16 (52'6")	45.0 (99.2)	45.0 (99.2)	16.1/42.3 (52'10"/930)	16.1/42.3 (52'10"/930)	16.6/38.4 (54'6"/84)	16.6/38.4 (54'6"/84)	17.2/33.7 (56'5"/74)	17.2/33.7 (56'5"/74)
18 (59'1")	42.7 (94.1)	42.7 (94.1)	38.8 (85.5)	38.8 (85.5)	36.0 (79.3)	36.0 (79.3)	32.9 (72.5)	32.9 (72.5)
20 (65'7")	40.3 (88.8)	41.2 (90.8)	37.3 (82.2)	37.3 (82.2)	33.6 (74)	33.6 (74)	31.7 (69.8)	31.7 (69.8)
22 (72'2")	35.4 (78)	36.2 (79.8)	34.9 (76.9)	35.7 (78.7)	31.9 (70.3)	31.9 (70.3)	29.2 (64.3)	29.2 (64.3)
24 (78'9")	31.3 (69)	32.1 (70.7)	30.9 (68.1)	31.6 (69.6)	30.5 (67.2)	30.2 (66.5)	28.1 (61.9)	28.1 (61.9)
26 (85'4")	28.0 (61.7)	28.6 (63)	27.6 (60.8)	28.2 (62.1)	27.2 (59.9)	27.8 (61.2)	25.4 (55.9)	25.4 (55.9)
28 (91'10")	25.1 (55.3)	25.7 (56.6)	24.7 (54.4)	25.3 (55.7)	24.3 (53.5)	24.9 (54.8)	23.9 (52.6)	23.5 (51.8)
30 (98'5")	22.7 (50)	23.2 (51.1)	22.3 (49.1)	22.8 (50.2)	21.9 (48.2)	22.4 (49.3)	21.5 (47.3)	22.0 (48.5)
32 (105')	20.5 (45.1)	21.0 (46.2)	20.1 (44.3)	20.6 (45.4)	19.7 (43.4)	20.3 (44.7)	19.4 (42.7)	19.9 (43.8)
34 (111'7")	18.6 (41)	19.1 (42.1)	18.2 (40.1)	18.7 (41.2)	17.9 (39.4)	18.4 (40.5)	17.5 (38.5)	18.0 (39.6)
36 (118'1")	16.9 (37.2)	17.4 (38.3)	16.5 (36.3)	17.0 (37.4)	16.2 (35.7)	16.7 (36.8)	15.8 (34.8)	16.3 (35.9)
38 (124'8")	15.4 (33.9)	15.8 (34.8)	15.0 (33)	15.5 (34.1)	14.7 (32.4)	15.2 (33.5)	14.4 (31.7)	14.8 (32.6)
40 (131'3")	14.0 (30.8)	14.4 (31.7)	13.7 (30.2)	14.1 (31)	13.4 (29.5)	13.8 (30.4)	13.0 (28.6)	13.4 (29.5)
42 (137'10")	12.7 (27.9)	13.1 (28.8)	12.4 (27.3)	12.8 (28.2)	12.2 (26.8)	12.6 (27.7)	11.8 (26)	12.2 (26.8)
44 (144'4")	11.6 (25.5)	11.9 (26.2)	11.3 (24.9)	11.7 (25.7)	11.0 (24.2)	11.4 (25.1)	10.7 (23.5)	11.1 (24.4)
46 (150'11")	10.5 (23.1)	10.9 (24)	10.2 (22.4)	10.6 (23.3)	9.9 (21.8)	10.3 (22.7)	9.6 (21.1)	10.0 (22)
48 (157'6")	9.5 (20.9)	9.9 (21.8)	9.2 (20.2)	9.6 (21.1)	9.0 (19.8)	9.4 (20.7)	8.6 (18.9)	9.0 (19.8)
50 (164')	8.6 (18.9)	9.0 (19.8)	8.4 (18.5)	8.7 (19.1)	8.1 (17.8)	8.4 (18.5)	7.7 (16.9)	8.1 (17.8)
52 (170'7")	7.8 (17.1)	8.2 (18)	7.5 (16.5)	7.8 (17.1)	7.2 (15.8)	7.6 (16.7)	6.9 (15.2)	7.3 (16)
54 (177'2")	7.1 (15.6)	7.4 (16.3)	6.8 (14.9)	7.1 (15.6)	6.5 (14.3)	6.9 (15.2)	6.2 (13.6)	6.5 (14.3)
56 (183'9")	6.4 (14.1)	6.7 (14.7)	6.1 (13.4)	6.4 (14.1)	5.9 (13)	6.2 (13.6)	5.5 (12.1)	5.8 (12.7)
58 (190'3")	5.7 (12.5)	6.0 (13.2)	5.5 (12.1)	5.7 (12.5)	5.2 (11.4)	5.5 (12.1)	4.8 (10.5)	5.1 (11.2)
60 (196'10")	5.2 (11.4)	5.5 (12.1)	4.9 (10.8)	5.2 (11.4)	4.6 (10.1)	4.9 (10.8)	4.3 (9.4)	4.5 (9.9)
62 (203'5")	4.6 (10.1)	4.9 (10.8)	4.3 (9.4)	4.9 (10.1)	4.1 (9)	4.3 (9.4)	3.7 (8.1)	4.0 (8.8)
64 (209'12")	4.1 (9)	4.4 (9.7)	3.8 (8.3)	4.0 (8.8)	3.5 (7.7)	3.8 (8.3)	3.2 (7)	3.5 (7.7)
66 (219'6")	3.6 (7.9)	3.9 (8.5)	3.3 (7.2)	3.6 (7.9)	3.0 (6.6)	3.3 (7.2)	2.7 (5.9)	3.0 (6.6)
68 (223'1")	3.2 (7)	3.4 (7.4)	2.8 (6.1)	3.1 (6.9)	2.6 (5.7)	2.8 (6.1)	2.2 (4.8)	2.5 (5.5)
70 (229'8")	3.0 (6.6)	3.0 (6.6)	2.4 (5.2)	2.7 (5.9)	2.2 (4.8)	2.4 (5.2)	1.9 (4.1)	2.1 (4.6)
72 (236'3")			2.0 (4.4)	2.3 (5)	1.8 (3.9)	2.0 (4.4)		
Counterweight	85.5 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)

Boom and Hook, "HC" Operating Configuration 

Table includes: Extension jib  and ball hook 

Radius: m (ft & in.)	91.5 (300'2")		Main boom length: meters (feet & inches) Unit: kg (lb) x 1000			
	17.7/32.6 (58'1"/71)	17.7/32.6 (58'1"/71)				
16 (52'6")	17.7/32.6 (58'1"/71)	17.7/32.6 (58'1"/71)				
18 (59'1")	30.3 (66.7)	30.3 (66.7)				
20 (65'7")	29.4 (64.8)	29.4 (64.8)				
22 (72'2")	27.8 (61.2)	27.8 (61.2)				
24 (78'9")	26.6 (58.6)	26.6 (58.6)				
26 (85'4")	24.6 (54.2)	24.6 (54.2)				
28 (91'10")	22.5 (49.6)	22.5 (49.6)				
30 (98'5")	20.6 (45.4)	20.6 (45.4)				
32 (105')	19.0 (41.8)	19.5 (42.9)				
34 (111'7")	17.1 (37.6)	17.6 (38.8)				
36 (118'1")	15.4 (33.90)	15.9 (35)				
38 (124'8")	14.0 (30.8)	14.4 (31.7)				
40 (131'3")	12.6 (27.7)	13.0 (28.6)				
42 (137'10")	11.4 (25.1)	11.8 (26)				
44 (144'4")	10.3 (22.7)	10.7 (23.5)				
46 (150'11")	9.3 (20.5)	9.6 (21.1)				
48 (157'6")	8.3 (18.2)	8.7 (19.1)				
50 (164')	7.4 (16.3)	7.8 (17.1)				
52 (170'7")	6.6 (14.5)	7.0 (15.4)				
54 (177'2")	5.9 (13)	6.2 (13.6)				
56 (183'9")	5.2 (11.4)	5.5 (12.1)				
58 (190'3")	4.6 (10.1)	4.9 (10.8)				
60 (196'10")	4.0 (8.8)	4.2 (9.2)				
62 (203'5")	3.4 (7.4)	3.7 (8.1)				
64 (209'12")	2.9 (6.3)	3.2 (7)				
66 (219'6")	2.4 (5.2)	2.6 (5.7)				
68 (223'1")	1.9 (4.1)	2.2 (4.8)				
Counterweight	85.2 (187.8)	85.2+5.8 (187.8+12.7)				

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Extension Jib Hook for “HC” Operating Configuration

- The actual hoisting capacity is the value of the rated hoisting weight listed in the charts minus the weight of the hook blocks, hangers, spreaders and wire ropes between the hook block and boom/jib head.
- The rated load in the charts is the value when the crane is hoisting a load on level, stable firm ground and the load is lifted slowly, steadily under a non-travel (stationary) condition.
- Listed rated load is within 75% of tipping load.

Boom Operating Condition

Table includes boom base 8 m (26’3”) and boom tip 8.5 m (27’10”)

Boom Length: meters (feet & inches)	Boom Inserts: meters (feet & inches)		
	A	B	C
	3 m (9’10”)	6 m (19’8”)	12 m (39’4”)
16.5 (54’2”)	—	—	—
19.5 (63’12”)	1	—	—
22.5 (73’10”)	—	1	—
25.5 (83’8”)	1	1	—
28.5 (93’6”)	—	—	1
31.5 (103’4”)	1	—	1
34.5 (113’2”)	—	1	1
37.5 (123’)	1	1	1
40.5 (132’10”)	—	—	2
43.5 (142’9”)	1	—	2
46.5 (152’7”)	—	1	2
49.5 (162’5”)	1	1	2
52.5 (172’3”)	—	—	3
55.5 (182’1”)	1	—	3
58.5 (191’11”)	—	1	3
61.5 (201’9”)	1	1	3
64.5 (211’7”)	—	—	4
67.5 (221’5”)	1	—	4
70.5 (231’4”)	—	1	4
73.5 (241’2”)	1	1	4
76.5 (251’)	—	—	5
79.5 (260’10”)	1	—	5
82.5 (270’8”)	—	1	5
85.5 (280’6”)	1	1	5
88.5 (290’4”)	—	2	5
91.5 (300’2”)	1	2	5

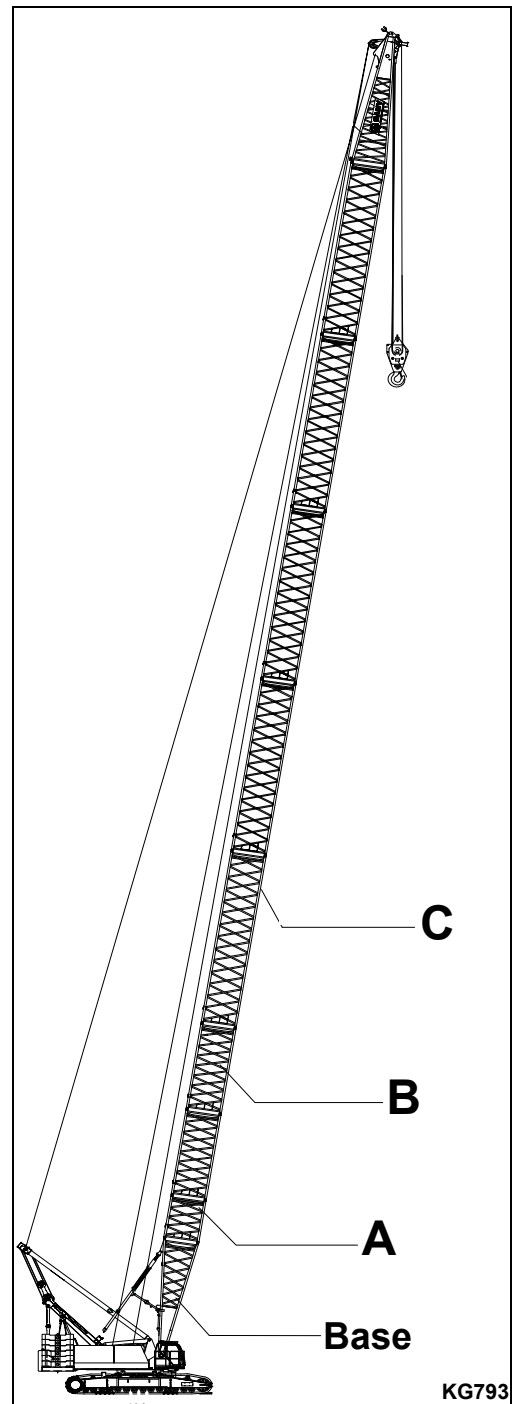


Fig. 8-8

Extension Jib Hook for "HC" Operating Configuration 

Not including main hook block										
Radius: m (ft & in.)	Main boom length: meters (feet & inches) Unit: kg (lb) x 1000									
	16.5 (54'2")	19.5 (63'12")	22.5 (73'10")	25.5 (83'8")	28.5 (93'6")	31.5 (103'4")	34.5 (113'2")	37.5 (123'0")	40.5 (132'10")	43.5 (142'9")
4 (13'1")	4.8/13.5 (15'9"/29)									
5 (16'5")	13.5 (29.7)	13.5 (29.7)	5.4/13.5 (17'9"/29)							
6 (19'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	5.9/13.5 (19'4"/29)	6.6/31.5 (21'8"/29)					
7 (22'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	7.1/13.5 (23'4"/29)	7.7/13.5 (25'3"/29)			
8 (26'3")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	8.2/13.5 (26'11"/29)	8.7/13.5 (28'7"/29)	
9 (29'6")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	9.2/13.5 (30'2"/29)
10 (32'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
12 (39'4")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
14 (45'11")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
16 (52'6")	15.9/13.5 (52'2"/29)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
18 (59'1")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
20 (65'7")		18.5/13.5 (60'8"/29)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
22 (72'2")			21.1/31.5 (69'3"/29)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
24 (78'9")				23.7/13.5 (77'9"/29)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
26 (85'4")					13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
28 (91'10")					26.3/13.5 (86'3"/29)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
30 (98'5")						28.9/31.5 (94'10"/29)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
32 (104'12")							31.5/13.5 (103'4"/29)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
34 (111'7")								13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
36 (118'1")									13.5 (29.7)	13.5 (29.7)
38 (124'8")									36.7/13.5 (120'5"/29)	13.5 (29.7)
40 (131'3")										39.3/13.5 (128'11"/29)
Counter-weight	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)	85.2 (187.8)


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SCC3000US

Extension Jib Hook for "HC" Operating Configuration

Not including main hook block									
Radius: m (ft & in.)	Main boom length: meters (feet & inches) kg (lb) x 1000								
	46.5 (152'7")	49.5 (162'5")		52.5 (172'3")		55.5 (182'1")		58.5 (191'11")	
9 (29'6")	9.8/13.5 (32'2"/29)								
10 (32'10")	13.5 (29.7)	10.3/13.5 (33'10"/29)	10.3/13.5 (33'10"/29)	10.8/13.5 (35'5"/29)	10.8/13.5 (35'5"/29)	11.4/31.5 (37'5"/29)	11.4/13.5 (37'5"/29)	11.9/13.5 (39'0"/29)	11.9/13.5 (39'0"/29)
12 (39'4")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
14 (45'11")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
16 (52'6")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
18 (59'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
20 (65'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
22 (72'2")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
26 (85'4")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
32 (105')	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
40 (131'3")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
42 (137'10")	41.9/13.5 (137'6"/29)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
44 (144'4")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.2 (29.1)	13.5 (29.7)
46 (150'11")		44.5/13.5 (145'12"/29)	44.5/13.5 (145'12"/29)	12.8 (28.2)	13.1 (28.8)	12.6 (27.7)	12.9 (28.4)	12.2 (26.8)	12.6 (27.7)
48 (157'6")				47.1/11.7 (154'6"/25)	47.1/12 (154'6"/26)	11.6 (25.5)	11.9 (26.2)	11.3 (24.9)	11.6 (25.5)
50 (164')						49.7/10.8	49.7/10.7 (163'1"/23)	10.5 (23.1)	10.8 (23.8)
52 (170'7")								9.8 (21.6)	9.8 (21.6)
54 (177'2")								52.3/9.1 (171'7"/20)	52.3/9.1 (171'7"/20)
Counter-weight	85.2 (187.8)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2 (85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)

Extension Jib Hook for “HC” Operating Configuration 

Not including main hook block										
Radius: m (ft & in.)	Main boom length: meters (feet & inches) Unit: kg (lb) x 1000									
	61.5 (201'9")		64.5 (211'7")		67.5 (221'5")		70.5 (231'4")		73.5 (241'2")	
12 (39'4")	12.4/13.5 (40'8"/29)	12.4/13.5 (40'8"/29)	12.9/13.5 (42'4"/29)	12.9/31.5 (42'4"/29)	13.5/13.5 (44'3"/29)	13.5/13.5 (44'3"/29)				
14 (45'11")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	14.5/13.5 (47'7"/29)	14.5/13.5 (47'7"/29)
16 (52'6")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
18 (59'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
20 (65'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
22 (72'2")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
26 (85'4")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
32 (105")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
40 (131'3")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
42 (137'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.4 (29.5)	13.5 (29.7)	13.2 (29.1)	13.5 (29.7)
44 (144'4")	13.1 (28.8)	13.5 (29.7)	12.8 (28.2)	13.2 (29.1)	12.5 (27.5)	12.9 (28.4)	12.3 (27.1)	12.6 (27.7)	12.1 (26.6)	12.4 (27.3)
46 (150'11")	12.1 (26.6)	12.4 (27.3)	11.8 (26)	12.1 (26.6)	11.5 (25.3)	11.9 (26.2)	11.3 (24.9)	11.6 (25.5)	11.1 (24.4)	11.4 (25.1)
48 (157'6")	11.1 (24.4)	11.5 (25.3)	10.8 (23.8)	11.2 (24.6)	10.5 (23.1)	10.9 (24)	10.3 (22.7)	10.7 (23.5)	10.1 (22.2)	10.4 (22.9)
50 (164')	10.3 (22.7)	10.6 (23.3)	10.0 (22)	10.3 (22.7)	9.7 (21.3)	10.1 (22.2)	9.4 (20.7)	9.8 (21.6)	9.2 (20.2)	9.5 (20.0)
52 (170'7")	9.5 (20.9)	9.8 (21.6)	9.2 (20.2)	9.5 (20.9)	8.9 (19.6)	9.2 (20.2)	8.6 (18.9)	8.9 (19.6)	8.4 (18.5)	8.7 (19.1)
54 (177'2")	8.8 (19.4)	9.1 (20)	8.4 (18.5)	8.8 (19.4)	8.2 (18)	8.5 (18.7)	7.8 (17.1)	8.2 (18)	7.6 (16.7)	7.9 (17.4)
56 (183'9")	54.9/8.1 (180'1"/17)	54.9/8 (180'1"/17)	7.8 (17.1)	8.1 (17.8)	7.5 (16.5)	7.8 (17.1)	7.2 (15.8)	7.5 (16.5)	6.9 (15.2)	7.2 (15.8)
58 (190'3")			57.5/7.2 (188'8"/15)	57.5/7.2 (188'8"/15)	6.9 (15.2)	7.2 (15.8)	6.6 (14.5)	6.9 (15.2)	6.3 (13.8)	6.6 (14.5)
60 (196'10")					59.9/6.6 (169'6"/14)	59.9/6.3 (196'6"/13)	6.0 (13.2)	6.3 (13.8)	5.7 (12.5)	6.0 (13.2)
62 (203'5")							5.4 (11.9)	5.7 (12.5)	5.2 (11.4)	5.5 (12.1)
64 (209'12")							62.7/5.3 (205'8"/11)	62.7/5.4 (205'8"/11)	4.6 (10.1)	4.9 (10.8)
66 (219'6")									65.3/4.5 (214'3"/9)	65.3/4.4 (214'3"/9)
Counter-weight	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)

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Extension Jib Hook for "HC" Operating Configuration

Not including main hook block										
Radius: m (ft & in.)	Main boom length: meters (feet & inches) Unit: kg (lb) x 1000									
	76.5 (250'12")		79.5 (260'10")		82.5 (270'8")		85.5 (280'6")		88.5 (290'4")	
14 (45'11")	15.1/13.5 (49'6"/29)	15.1/13.5 (49'6"/29)	15.6/13.5 (51'2"/29)	15.6/13.5 (51'2"/29)						
16 (52'6")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	16.1/13.5 (52'10"/29)	16.1/13.5 (52'10"/29)	16.6/13.5 (54'6"/29)	16.6/13.5 (54'6"/29)	17.2/13.5 (56'5"/29)	17.2/13.5 (56'5"/29)
18 (59'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
20 (65'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
22 (72'2")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
26 (85'4")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
32 (105')	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
40 (131'3")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.4 (29.5)	13.5 (29.7)	13.0 (28.6)	13.4 (29.5)
42 (137'10")	13.0 (28.6)	13.4 (29.5)	12.7 (27.9)	13.1 (28.8)	12.4 (27.3)	12.8 (28.2)	12.2 (26.8)	12.6 (27.7)	11.8 (26)	12.2 (26.8)
44 (144'4")	11.8 (26)	12.2 (26.8)	11.6 (25.5)	11.9 (26.2)	11.3 (24.9)	11.7 (25.7)	11.0 (24.2)	11.4 (25.1)	10.7 (23.5)	11.1 (24.4)
46 (150'11")	10.8 (23.80)	11.2 (24.6)	10.5 (23.1)	10.9 (24)	10.2 (22.4)	10.6 (23.30)	9.9 (21.8)	10.3 (22.7)	9.6 (21.1)	10.0 (22)
48 (157'6")	9.8 (21.6)	10.2 (22.4)	9.5 (20.9)	9.9 (21.8)	9.2 (20.2)	9.6 (21.1)	9.0 (19.8)	9.4 (20.7)	8.6 (18.9)	9.0 (19.8)
50 (164')	8.9 (19.6)	9.3 (20.5)	8.6 (18.9)	9.0 (19.8)	8.4 (18.5)	8.7 (19.1)	8.1 (17.8)	8.4 (18.5)	7.7 (16.9)	8.1 (17.8)
52 (170'7")	8.1 (17.8)	8.5 (18.7)	7.8 (17.1)	8.2 (18)	7.5 (16.5)	7.8 (17.1)	7.2 (15.8)	7.6 (16.7)	9.6 (15.2)	7.3 (16)
54 (177'2")	7.4 (16.3)	7.7 (16.90)	7.1 (15.6)	7.4 (16.3)	6.8 (14.9)	7.1 (15.6)	6.5 (14.3)	6.9 (15.2)	6.2 (13.6)	6.5 (14.3)
56 (183'9")	6.7 (14.7)	7.0 (15.4)	6.4 (14.1)	6.7 (14.7)	6.1 (13.4)	6.4 (14.1)	5.9 (13)	6.2 (13.6)	5.5 (12.1)	5.8 (12.7)
58 (190'3")	6.0 (13.2)	6.3 (13.8)	5.7 (12.5)	6.0 (13.2)	5.5 (12.1)	5.7 (12.5)	5.2 (11.4)	5.5 (12.1)	4.8 (10.5)	5.1 (11.2)
60 (196'10")	5.5 (12.1)	5.8 (12.7)	5.2 (11.4)	5.5 (12.1)	4.9 (10.8)	5.2 (11.4)	4.6 (10.1)	4.9 (10.8)	4.3 (9.4)	4.5 (9.9)
62 (203'5")	4.9 (10.8)	5.2 (11.4)	4.6 (10.1)	4.9 (10.8)	4.3 (9.4)	4.6 (10.1)	4.1 (9)	4.3 (9.4)	3.7 (8.1)	4.0 (8.8)
64 (209'12")	4.4 (9.7)	4.7 (10.3)	4.1 (9)	4.4 (9.7)	3.8 (8.3)	4.0 (8.8)	3.5 (7.7)	3.8 (8.3)	3.2 (7)	3.5 (7.7)
66 (219'6")	3.9 (8.5)	4.2 (9.2)	3.6 (7.9)	3.9 (8.5)	3.3 (7.2)	3.6 (7.9)	3.0 (6.6)	3.3 (7.2)	2.7 (5.9)	3.0 (6.6)
68 (223'1")	67.9/3.6 (222'9"/7)	67.9/3.6 (222'9"/7)	3.2 (7)	3.4 (7.4)	2.6 (6.1)	3.1 (6.8)	2.6 (5.7)	2.8 (6.1)	2.2 (4.8)	2.5 (5.5)
70 (229'8")			3.0 (6.6)	3.0 (6.6)	2.4 (5.2)	2.7 (5.9)	2.2 (4.8)	2.4 (5.2)	1.9 (4.1)	2.1 (4.6)
72 (236'3")					2.0 (4.4)	2.3 (5)	1.8 (3.9)	2.0 (4.4)		
Counter-weight	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)

Configuration **Extension Jib Hook for "HC" Operating Configuration**



Not including main hook block		Main boom length: meters (feet & inches) Unit: kg (lb) x 1000						
Radius: m (ft & in.)	91.5 (300'2")							
14 (45'11")								
16 (52'6")	17.7/13.5 (58'1"/29)	17.7/13.5 (58'1"/29)						
18 (59'1")	13.5 (29.7)	13.5 (29.7)						
20 (65'7")	13.5 (29.7)	13.5 (29.7)						
22 (72'2")	13.5 (29.7)	13.5 (29.7)						
24 (78'9")	13.5 (29.7)	13.5 (29.7)						
26 (85'4")	13.5 (29.7)	13.5 (29.7)						
28 (91'10")	13.5 (29.7)	13.5 (29.7)						
30 (98'5")	13.5 (29.7)	13.5 (29.7)						
32 (105')	13.5 (29.7)	13.5 (29.7)						
34 (111'7")	13.5 (29.7)	13.5 (29.7)						
36 (118'1")	13.5 (29.7)	13.5 (29.7)						
38 (124'8")	13.5 (29.7)	13.5 (29.7)						
40 (131'3")	12.6 (27.7)	13.0 (28.6)						
42 (137'10")	11.4 (25.1)	11.8 (26)						
44 (144'4")	10.3 (22.7)	10.7 (23.5)						
46 (150'11")	9.3 (20.5)	9.6 (21.1)						
48 (157'6")	8.3 (18.2)	8.7 (19.1)						
50 (164')	7.4 (16.3)	7.8 (17.1)						
52 (170'7")	6.6 (14.5)	7.0 (15.4)						
54 (177'2")	5.9 (13)	6.2 (13.6)						
56 (183'9")	5.2 (11.4)	5.5 (12.1)						
58 (190'3")	4.6 (10.1)	4.9 (10.8)						
60 (196'10")	4.0 (8.8)	4.2 (9.2)						
62 (203'5")	3.4 (7.4)	3.7 (8.1)						
64 (209'12")	2.9 (6.3)	3.2 (7)						
66 (219'6")	2.4 (5.2)	2.6 (5.7)						
68 (223'1")	1.9 (4.1)	2.2 (4.8)						
70 (229'8")								
72 (236'3")								
Counter-weight	85.2 (187.8)	85.2+5.8 (187.8+12.7)						

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Boom Hook for “FJ” Operating Configuration

- The actual hoisting capacity is the value of the rated hoisting weight listed in the charts minus the weight of the hook blocks, hangers, spreaders and wire ropes between the hook block and boom/jib head.
- The rated load in the charts is the value when the crane is hoisting a load on level, stable firm ground and the load is lifted slowly, steadily under a non-travel (stationary) condition. Listed rated load is within 75% of tipping load.

Fixed Jib Operating Condition

Table includes jib tip 5 m (16'5”) and jib base 5 m (16'5”)

Jib Length: meters (feet & inches)	Jib Inserts: meters (feet & inches)		Boom Length: meters (feet & inches)	Jib Tip Offset Angle
	A	B		D
	3 m (9'10")	6 m (19'8")	C	
13 (42'8")	1	—	28.5 - 76.5 (93'6" - 251')	10° - 30°
19 (62'4")	1	1	28.5 - 76.5 (93'6" - 251')	10° - 30°
25 (82')	1	2	28.5 - 76.5 (93'6" - 251')	10° - 30°
31 (101'8")	1	3	28.5 - 76.5 (93'6" - 251')	10° - 30°

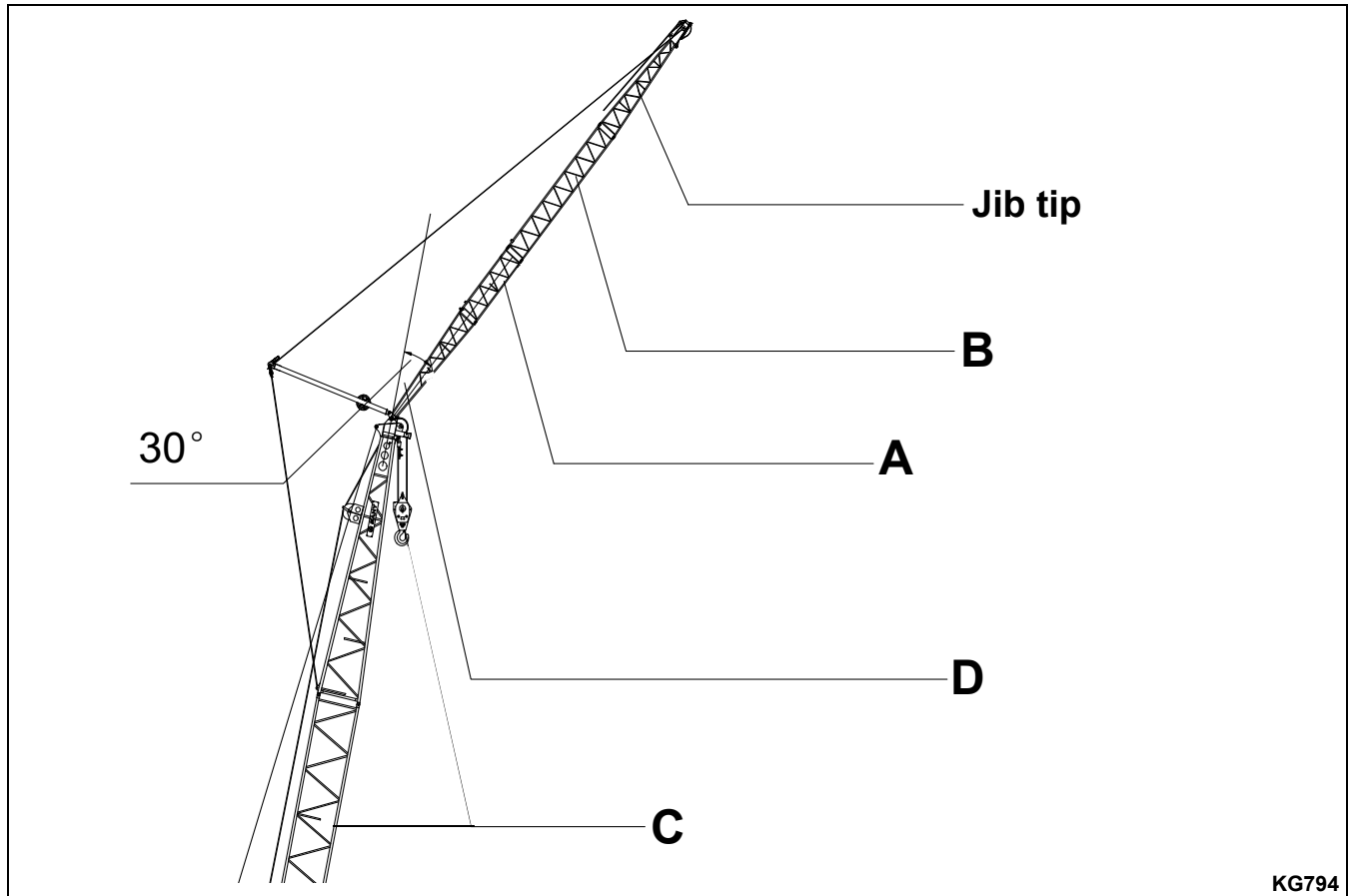


Fig. 8-9

Boom Hook for “FJ” Operating Configuration




Table includes counterweight  85.2 + 5.8 x 2000 lb (Jib hook not included)										
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000										
28.5 (93'6")										
31.5 (103'4")										
34.5 (113'2")										
Jib length: m (ft & in.)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")
Radius: m (ft & in.)										
6 (19'8")	6.3/160.5 (20'8"/353)	6.3/160.1 (20'8"/352)	6.3/159.6 (20'8"/351)	6.3/159.2 (20'8"/350)	6.8/148.7 (22'4"/327)	6.8/148.3 (22'4"/326)	6.8/147.8 (22'4"/325)	6.8/147.4 (22'4"/324)		
7 (22'12")	146.2 (322.3)	145.8 (321.4)	145.3 (320.3)	144.9 (319.4)	144.1 (317.6)	143.7 (316.8)	143.2 (315.6)	142.8 (314.8)	7.3/140.2 (23'11"/309)	7.3/139.8 (23'11"/308)
8 (26'3")	127.9 (281.9)	127.5 (281)	127.0 (279.9)	126.6 (279.1)	127.8 (281.7)	127.4 (280.8)	126.9 (279.7)	126.5 (278.8)	126.0 (277.7)	125.6 (276.8)
9 (29'6")	113.0 (249.1)	122.6 (248.2)	112.1 (247.1)	111.7 (246.2)	111.9 (246.6)	111.5 (245.8)	111.0 (244.7)	110.6 (243.8)	111.8 (246.4)	111.4 (245.5)
10 (32'10")	101.4 (223.5)	101.0 (222.6)	100.5 (221.5)	100.1 (220.6)	100.3 (221.1)	99.9 (220.2)	99.4 (219.1)	99.0 (218.2)	100.2 (220.9)	99.8 (220)
12 (39'4")	83.1 (183.2)	82.7 (182.3)	82.2 (181.2)	81.8 (180.3)	83.0 (182.9)	82.6 (182)	82.1 (180.9)	81.7 (180.1)	82.8 (182.5)	82.4 (181.6)
14 (54'11")	68.5 (151)	68.1 (150.1)	67.6 (149)	67.2 (148.1)	68.5 (151)	68.1 (150.1)	67.6 (149)	67.2 (148.1)	68.5 (151)	68.1 (150.1)
16 (52'6")	57.6 (126.9)	57.2 (126.1)	56.7 (125)	56.3 (124.1)	57.6 (126.9)	57.2 (126.1)	56.7 (125)	56.3 (124.1)	57.4 (126.5)	57.0 (125.6)
18 (59'1")	48.8 (107.5)	48.8 (106.7)	47.9 (105.6)	47.5 (104.7)	48.8 (107.5)	48.4 (106.7)	47.9 (105.6)	47.5 (104.7)	48.5 (106.9)	48.1 (106)
20 (65'7")	42.2 (93)	41.8 (92.1)	41.3 (91)	40.9 (90.1)	41.9 (92.3)	41.5 (91.4)	41.0 (90.3)	40.6 (89.5)	41.5 (91.4)	41.1 (90.6)
22 (72'2")	36.9 (81.3)	36.5 (80.4)	36.0 (79.3)	35.6 (78.4)	36.5 (80.4)	36.1 (79.5)	35.6 (78.4)	35.2 (77.6)	36.2 (79.8)	35.8 (78.9)
24 (78'9")	32.5 (71.6)	32.1 (70.7)	31.6 (69.6)	31.2 (68.7)	32.2 (70.9)	31.8 (70.1)	31.3 (69)	30.9 (68.1)	31.7 (69.8)	31.3 (69)
26 (85'4")	26.3/21.9 (86'3"/48)	26.3/21.5 (86'3"/47)	26.3/21.0 (86'3"/46)	26.3/20.6 (86'3"/45)	28.6 (63)	28.2 (62.1)	27.7 (61)	27.3 (60.1)	28.2 (62.1)	27.8 (61.2)
28 (91'10")					28.9/18.5 (94'10"/40)	28.9/18.1 (94'10"/39)	29.9/17.6 (94'10"/38)	28.9/17.2 (94'10"/37)	25.2 (55.5)	24.8 (54.6)
30 (98'5")									22.7 (50)	22.3 (49.1)
32 (104'12")									31.5/21.7 (103'4"/47)	31.5/21.3 (103'4"/46)
34 (111'7")										
# of rope	12	12	12	12	12	12	12	12	12	12

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Boom Hook for “FJ” Operating Configuration



Table includes counterweight  85.2 + 5.8 x 2000 lb (Jib hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000


Jib length: m (ft & in.)	43.5 (142'9")				46.5 (152'7")				49.5 (162'5")	
	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")
Radius: m (ft & in.)										
8 (26'3")	8.7/106.6 (28'7"/235)	8.7/106.2 (28'7"/234)	8.7/105.7 (28'7"/233)	8.7/105.3 (28'7"/232)						
9 (29'6")	106.5 (234.7)	106.1 (233.9)	105.6 (232.8)	105.2 (231.9)	9.1/102.7 (29'10"/226)	9.1/102.3 (29'10"/225)	9.1/101.8 (29'10"/224)	9.1/101.4 (29'10"/223)	9.6/94.6 (31'6"/203)	9.6/94.2 (31'6"/207)
10 (32'10")	94.7 (208.7)	94.3 (207.8)	93.8 (206.7)	93.4 (205.9)	92.3 (203.4)	91.9 (202.6)	91.4 (201.5)	91.0 (200.6)	89.8 (197.9)	89.4 (197)
12 (39'4")	77.0 (169.7)	76.6 (168.8)	76.1 (167.7)	75.7 (166.8)	75.2 (165.7)	74.8 (164.9)	74.3 (163.8)	73.9 (162.9)	73.5 (162)	73.1 (161.1)
14 (54'11")	64.5 (142.1)	64.1 (141.3)	63.6 (140.2)	63.2 (139.3)	63.0 (138.8)	62.6 (138)	62.1 (136.9)	61.7 (136)	61.6 (135.8)	61.2 (134.9)
16 (52'6")	55.1 (121.4)	54.7 (120.5)	54.2 (119.4)	53.8 (118.6)	53.9 (118.8)	53.5 (117.9)	53.0 (116.8)	52.6 (115.9)	52.8 (116.4)	52.4 (115.5)
18 (59'1")	47.8 (105.3)	47.4 (104.4)	46.9 (103.3)	46.5 (102.5)	46.7 (102.9)	46.3 (102)	45.8 (100.9)	45.4 (100)	45.9 (101.1)	45.5 (100.3)
20 (65'7")	40.9 (90.1)	40.5 (89.2)	40.0 (88.1)	39.6 (87.3)	40.7 (89.7)	40.3 (88.8)	39.8 (87.7)	39.4 (86.8)	40.3 (88.8)	39.9 (87.9)
22 (72'2")	35.5 (78.2)	35.1 (77.3)	34.6 (76.2)	34.2 (75.3)	35.3 (77.8)	34.9 (77.9)	34.4 (75.8)	34.0 (74.9)	35.0 (77.1)	34.6 (76.2)
24 (78'9")	31.1 (68.5)	30.7 (67.6)	30.2 (66.5)	29.8 (65.6)	30.8 (67.9)	30.4 (67)	29.9 (65.9)	29.5 (65)	30.7 (67.6)	30.3 (66.7)
26 (85'4")	27.5 (60.6)	27.1 (59.7)	26.6 (58.6)	26.2 (57.7)	27.2 (59.9)	26.8 (59)	26.3 (57.9)	25.9 (57)	27.1 (59.7)	26.7 (58.8)
28 (91'10")	24.5 (54)	24.1 (53.1)	23.6 (52)	23.2 (51.1)	24.2 (53.3)	23.8 (52.4)	23.3 (51.3)	22.9 (50.4)	24.0 (52.9)	23.6 (52)
30 (98'5")	21.9 (48.2)	21.5 (47.3)	21.0 (46.2)	20.6 (45.4)	21.7 (47.8)	21.3 (46.9)	20.8 (45.8)	20.4 (44.9)	21.4 (47.1)	21.0 (46.2)
32 (104'12")	19.7 (43.4)	19.3 (42.5)	18.8 (41.4)	18.4 (40.5)	19.4 (42.7)	19.0 (41.8)	18.5 (40.7)	18.1 (39.9)	19.3 (42.5)	18.0 (41.6)
34 (111'7")	17.8 (39.2)	17.4 (38.3)	16.9 (37.2)	16.5 (36.3)	17.6 (38.8)	17.2 (37.9)	16.7 (36.8)	16.3 (35.9)	17.3 (38.1)	16.9 (37.2)
36 (118'1")	16.2 (35.7)	15.8 (34.8)	15.3 (33.7)	14.9 (32.8)	15.9 (35)	15.5 (34.1)	15.0 (33)	14.6 (32.1)	15.7 (34.6)	15.3 (33.7)
38 (124'8")	14.8 (32.6)	14.4 (31.7)	13.9 (30.6)	13.5 (29.7)	14.4 (31.7)	14.0 (30.8)	13.5 (29.7)	13.1 (28.8)	14.3 (31.5)	13.9 (30.6)
40 (131'3")	39.3/14.2 (128'11"/31)	39.3/13.8 (128'11"/30)	39.3/13.3 (128'11"/29)	39.3/12.9 (128'11"/28)	31.1 (28.8)	12.7 (27.9)	12.2 (26.8)	11.8 (26)	12.9 (28.4)	12.5 (27.5)
42 (137'10")					41.9/12.3 (137'6"/27)	41.9/11.9 (137'6"/26)	41.9/11.4 (137'6"/25)	41.9/11.0 (137'6"/24)	11.8 (26)	11.4 (25.1)
44 (144'4")									10.7 (23.5)	10.3 (22.7)
46 (150'11")									44.5/7.5 (145'12"/16)	44.5/7.1 (145'12"/15)
# of rope	8	8	8	8	8	8	8	8	8	8

Load Charts

SCC3000US

Boom Hook for "FJ" Operating Configuration




Table includes counterweight  85.2 + 5.8 x 2000 lb (Jib hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

Jib length: m (ft & in.)	49.5 (162'5")			52.5 (173'3")			55.5 (182'1")			
	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
9 (29'6")	9.6/93.7 (31'6"/206)	9.6/93.3 (31'6"/205)								
10 (32'10")	88.9 (195.6)	88.5 (195.1)	10.1/87.0 (33'2"/191)	10.1/86.6 (33'2"/190)	10.1/86.1 (33'2"/189)	10.1/85.7 (33'2"/188)	10.6/79.2 (34'9"/174)	10.6/78.8 (34'9"/173)	10.6/78.3 (34'9"/172)	10.6/77.9 (34'9"/171)
12 (39'4")	72.6 (160)	72.2 (159.1)	71.6 (157.8)	71.2 (156.9)	70.7 (155.8)	70.3 (154.9)	70.0 (154.3)	69.6 (153.4)	69.1 (152.3)	68.7 (151.4)
14 (54'11")	60.7 (133.8)	60.3 (132.9)	60.2 (132.7)	59.8 (131.8)	59.3 (130.7)	58.9 (129.8)	59.0 (130)	58.6 (129.1)	58.1 (128)	57.7 (127.2)
16 (52'6")	51.9 (114.4)	51.5 (113.5)	51.5 (113.5)	51.1 (112.6)	50.6 (111.5)	50.2 (110.6)	50.5 (111.3)	50.1 (110.4)	49.6 (109.3)	49.2 (108.4)
18 (59'1")	45.0 (99.2)	44.6 (98.3)	44.8 (98.7)	44.4 (97.8)	43.9 (96.7)	43.5 (95.9)	43.8 (96.5)	43.4 (95.6)	42.9 (94.5)	42.5 (93.6)
20 (65'7")	39.4 (86.8)	39.0 (85.9)	39.3 (86.6)	38.9 (85.7)	38.4 (84.6)	38.0 (83.7)	38.5 (84.8)	38.1 (83.9)	37.6 (82.8)	37.2 (82)
22 (72'2")	34.1 (75.1)	33.7 (74.2)	34.8 (76.7)	34.4 (75.8)	33.9 (74.7)	33.5 (73.8)	34.1 (75.1)	33.7 (74.2)	33.2 (73.1)	32.8 (72.3)
24 (78'9")	29.8 (65.6)	29.4 (64.8)	30.3 (66.7)	29.9 (65.9)	29.4 (64.8)	29.0 (63.9)	30.1 (66.3)	29.7 (65.4)	29.2 (64.3)	28.8 (63.4)
26 (85'4")	26.2 (57.7)	25.8 (56.8)	26.7 (58.8)	26.3 (57.9)	25.8 (56.8)	25.4 (55.9)	26.5 (58.4)	26.1 (57.5)	25.6 (56.4)	25.2 (55.5)
28 (91'10")	23.1 (50.9)	22.7 (50)	23.7 (52.2)	23.3 (51.3)	22.8 (50.2)	22.4 (49.3)	23.5 (51.8)	23.1 (50.9)	22.6 (49.8)	22.2 (48.9)
30 (98'5")	20.5 (45.1)	20.1 (44.3)	21.2 (46.7)	20.8 (45.8)	20.3 (44.7)	19.9 (43.8)	20.9 (46)	20.5 (45.1)	20.0 (44)	19.6 (43.2)
32 (104'12")	18.4 (40.5)	18.0 (39.6)	18.9 (41.6)	18.5 (40.7)	18.0 (39.6)	17.6 (38.8)	18.7 (41.2)	18.3 (40.3)	17.8 (39.2)	17.4 (38.3)
34 (111'7")	16.4 (36.1)	16.0 (35.2)	16.9 (37.2)	16.5 (36.3)	16.0 (35.2)	15.6 (34.3)	16.7 (36.8)	16.3 (35.9)	15.8 (34.8)	15.4 (33.9)
36 (118'1")	14.8 (32.6)	14.4 (31.7)	15.3 (33.7)	14.9 (32.8)	14.4 (31.7)	14.0 (30.8)	15.1 (33.2)	14.7 (32.4)	14.2 (31.3)	13.8 (30.4)
38 (124'8")	13.4 (29.5)	13.0 (28.6)	13.9 (30.6)	13.5 (29.7)	13.0 (28.6)	12.6 (27.7)	13.5 (29.7)	13.1 (28.8)	12.6 (27.7)	12.2 (26.8)
40 (131'3")	12.0 (26.4)	11.6 (25.5)	12.5 (27.5)	12.1 (26.6)	11.6 (25.5)	11.2 (24.6)	12.3 (27.1)	11.9 (26.2)	11.4 (25.1)	11.0 (24.2)
42 (137'10")	10.9 (24)	10.5 (23.1)	11.4 (25.1)	11.0 (24.2)	10.5 (23.1)	10.1 (22.2)	11.1 (24.4)	10.7 (23.5)	10.2 (22.4)	9.8 (21.6)
44 (144'4")	9.6 (21.6)	9.4 (20.7)	10.3 (22.7)	9.9 (21.8)	9.4 (20.7)	9.0 (19.8)	10.1 (22.2)	9.7 (21.3)	9.2 (20.2)	8.8 (19.4)
46 (150'11")	44.5/6.6 (145'12"/14)	44.5/6.2 (145'12"/13)	9.3 (20.5)	8.9 (19.6)	8.4 (18.5)	8.0 (17.6)	9.1 (20)	8.7 (19.1)	8.2 (18)	7.8 (17.1)
48 (157'6")			47.1/9.1 (154'6"/20)	47.1/8.7 (154'6"/19)	47.1/8.2 (154'6"/18)	47.1/7.8 (154'6"/17)	8.2 (18)	7.8 (17.1)	7.3 (16)	6.9 (15.2)
50 (164'0")							49.7/7.7 (163'1"/16)	49.7/7.3 (163'1"/15)	49.7/6.8 (163'1"/14)	49.7/6.4 (163'1"/14)
# of rope	8	8	8	8	8	8	6	6	6	6

Boom Hook for “FJ” Operating Configuration



Table includes counterweight  85.2 + 5.8 x 2000 lb (Jib hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

Jib length: m (ft & in.)	58.5 (191'11")				61.5 (201'9")				64.5 (211'7")	
	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")
Radius: m (ft & in.)										
10 (32'10")	11.0/76.0 (36'1"/167)	11.0/75.6 (36'1"/166)	11.0/75.1 (36'1"/165)	11.0/74.7 (36'1"/164)	11.5/70.8 (37'9"/156)	11.5/70.4 (37'9"/155)	11.5/69.9 (37'9"/154)	11.5/69.5 (37'9"/153)	11.9/66.1 (39'0"/145)	11.9/65.7 (39'0"/144)
12 (39'4")	68.3 (150.5)	67.9 (149.6)	67.4 (148.5)	67.0 (147.7)	66.9 (147.4)	66.5 (146.6)	66.0 (145.5)	65.6 (144.6)	65.3 (143.9)	64.9 (143)
14 (54'11")	57.6 (126.9)	57.2 (126.1)	56.7 (125)	56.3 (124.1)	56.4 (124.3)	56.0 (123.4)	55.5 (122.3)	55.1 (121.4)	55.1 (121.4)	54.7 (120.5)
16 (52'6")	49.3 (108.6)	48.9 (107.8)	48.4 (106.7)	48.0 (105.8)	48.4 (106.7)	48.0 (105.8)	47.5 (104.7)	47.1 (103.8)	47.3 (104.2)	46.9 (103.3)
18 (59'1")	42.8 (94.3)	42.4 (93.4)	41.9 (92.3)	41.5 (91.4)	42.1 (92.8)	41.7 (91.9)	41.2 (90.8)	40.8 (89.9)	41.1 (90.6)	40.7 (89.7)
20 (65'7")	37.6 (82.8)	37.2 (82)	36.7 (80.9)	36.3 (80)	36.9 (81.3)	36.5 (80.4)	36.0 (79.3)	35.6 (78.4)	36.1 (79.5)	35.7 (78.7)
22 (72'2")	33.2 (73.1)	32.8 (72.3)	32.3 (71.2)	31.9 (70.3)	32.7 (72)	32.3 (71.2)	31.8 (70.1)	31.4 (69.2)	31.9 (70.3)	31.5 (69.4)
24 (78'9")	29.6 (65.2)	29.2 (64.3)	28.7 (63.2)	28.3 (63.3)	29.2 (64.3)	28.8 (63.4)	28.3 (62.3)	27.9 (61.5)	28.4 (62.6)	28.0 (61.7)
26 (85'4")	26.2 (57.7)	25.8 (56.8)	25.3 (55.7)	24.9 (54.8)	26.1 (57.5)	25.7 (56.6)	25.2 (55.5)	24.8 (54.6)	25.4 (55.9)	25.0 (55.1)
28 (91'10")	23.1 (50.9)	22.7 (50)	22.2 (48.9)	21.8 (48)	23.1 (50.9)	22.7 (50)	22.2 (48.9)	21.8 (48)	22.7 (50)	22.3 (49.1)
30 (98'5")	20.6 (45.4)	20.2 (44.5)	19.7 (43.4)	19.3 (42.5)	20.4 (44.9)	20.0 (44)	19.5 (42.9)	19.1 (42.1)	20.2 (44.5)	19.8 (43.6)
32 (104'12")	18.3 (40.3)	17.9 (39.4)	17.4 (38.3)	17.0 (37.4)	18.3 (40.3)	17.9 (39.4)	17.4 (38.3)	17.0 (37.4)	17.9 (39.4)	17.5 (38.5)
34 (111'7")	16.3 (35.9)	15.9 (35)	15.4 (33.9)	15.0 (33)	16.3 (35.9)	15.9 (35)	15.4 (33.9)	15.0 (33)	15.9 (35)	15.5 (34.1)
36 (118'1")	14.7 (32.4)	14.3 (31.5)	13.8 (30.4)	13.4 (29.5)	14.6 (32.1)	14.2 (31.3)	13.7 (30.2)	13.3 (29.3)	14.3 (31.5)	13.9 (30.6)
38 (124'8")	13.3 (29.3)	12.9 (28.4)	12.4 (27.3)	12.0 (26.4)	13.1 (28.8)	12.7 (27.9)	12.2 (26.8)	11.8 (26)	12.8 (28.2)	12.4 (27.3)
40 (131'3")	11.9 (26.2)	11.5 (25.3)	11.0 (24.2)	10.6 (23.3)	11.8 (26)	11.4 (25.1)	10.9 (24)	10.5 (23.1)	11.4 (25.1)	11.0 (24.2)
42 (137'10")	10.7 (23.5)	10.3 (22.7)	9.8 (21.6)	9.4 (20.7)	10.6 (23.3)	10.2 (22.4)	9.7 (21.3)	9.3 (20.5)	10.3 (22.7)	9.9 (21.8)
44 (144'4")	9.7 (21.3)	9.3 (20.5)	8.8 (19.4)	8.4 (18.5)	9.6 (21.1)	9.2 (20.2)	8.7 (19.1)	8.3 (18.2)	9.2 (20.2)	8.8 (19.4)
46 (150'11")	8.7 (19.1)	8.3 (18.2)	7.8 (17.1)	7.4 (16.3)	8.6 (18.9)	8.2 (18)	7.7 (16.9)	7.3 (16)	8.2 (18)	7.8 (17.1)
48 (157'6")	7.8 (17.1)	7.4 (16.3)	6.9 (15.2)	6.5 (14.3)	7.7 (16.9)	7.3 (16)	6.8 (14.9)	6.4 (14.1)	7.3 (16)	6.9 (15.2)
50 (164'0")	7.1 (15.6)	6.7 (14.7)	6.2 (13.6)	5.8 (12.7)	6.9 (15.2)	6.5 (14.3)	6.0 (13.2)	5.6 (12.3)	6.6 (14.5)	6.2 (13.6)
52 (170'7")	52.3/6.4 (171'7"/14)	52.3/6.0 (171'7"/13)	52.3/5.5 (171'7"/12)	52.3/5.1 (171'7"/11)	6.2 (13.6)	5.8 (12.7)	5.3 (11.6)	4.9 (10.8)	5.9 (13)	5.5 (12.1)
54 (177'2")					5.6 (12.30)	5.2 (11.4)	4.7 (10.3)	4.3 (9.4)	5.2 (11.4)	4.8 (10.5)
56 (183'9")					54.9/5.4 (180'1"/11)	54.6/5.0 (179'2"/11)	54.6/4.5 (179'2"/9)	54.6/4.1 (179'2"/9)	4.5 (9.9)	4.1 (9)
58 (190'3'0)									57.5/4.3 (188'8"/9)	57.5/3.9 (188'8"/8)
# of rope	6	6	6	6	6	6	6	6	6	6

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Boom Hook for "FJ" Operating Configuration




Table includes counterweight  85.2 + 5.8 x 2000 lb (Jib hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

Jib length: m (ft & in.)	64.5 (211'7")			67.5 (211'5")			70.5 (231'4")			
	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Radius: m (ft & in.)	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
10 (32'10")	11.9/65.2 (39'0"/143)	11.9/64.8 (39'0"/142)								
12 (39'4")	64.4 (141.9)	64.0 (141)	12.4/62.0 (40'8"/136)	12.4/61.6 (40'8"/135)	12.4/61.1 (40'8"/134)	12.4/60.7 (40'8"/133)	12.9/58.2 (42'4"/128)	12.9/57.8 (42'4"/127)	12.9/57.3 (42'4"/126)	12.9/56.9 (42'4"/125)
14 (54'11")	54.2 (119.4)	53.8 (118.6)	53.8 (118.6)	53.4 (117.7)	52.9 (116.6)	52.5 (115.7)	52.7 (116.1)	52.3 (115.3)	51.8 (114.1)	51.4 (113.3)
16 (52'6")	46.4 (102.2)	46.0 (101.4)	46.3 (102)	45.9 (101.1)	45.4 (100)	54.0 (99.2)	45.4 (100)	45.0 (99.2)	44.5 (98.1)	44.1 (97.2)
18 (59'1")	40.2 (88.6)	39.8 (87.7)	40.1 (88.4)	39.7 (87.5)	39.2 (86.4)	38.8 (85.5)	39.4 (86.8)	39.0 (85.9)	38.5 (84.8)	38.1 (83.9)
20 (65'7")	35.2 (77.6)	34.8 (76.7)	35.2 (77.6)	34.8 (76.7)	34.3 (75.6)	33.9 (74.7)	34.6 (76.2)	34.2 (75.3)	33.7 (74.2)	33.3 (73.4)
22 (72'2")	31.0 (68.3)	30.6 (67.4)	31.2 (68.7)	30.8 (67.9)	30.3 (66.7)	29.9 (65.9)	30.6 (67.4)	30.2 (66.5)	29.7 (65.4)	29.3 (64.5)
24 (78'9")	27.5 (60.6)	27.1 (59.7)	27.7 (61)	27.3 (60.1)	26.8 (59)	26.4 (58.2)	27.2 (59.9)	26.8 (59)	26.3 (57.9)	25.9 (57)
26 (85'4")	24.5 (54)	24.1 (53.1)	24.8 (54.6)	24.4 (53.7)	23.6 (52.6)	23.5 (51.8)	24.2 (53.3)	23.8 (52.4)	23.3 (51.3)	22.9 (50.4)
28 (91'10")	21.8 (48)	21.4 (47.1)	22.2 (48.9)	21.8 (48)	21.3 (46.9)	20.9 (46)	21.7 (47.8)	21.3 (46.9)	20.8 (45.8)	20.4 (44.9)
30 (98'5")	19.3 (42.5)	18.9 (41.6)	19.8 (43.6)	19.4 (42.7)	18.9 (41.6)	18.5 (40.7)	19.5 (42.9)	19.1 (42.1)	18.6 (41)	18.2 (40.1)
32 (104'12")	17.0 (37.4)	16.6 (36.5)	17.6 (38.8)	17.2 (37.9)	16.7 (36.8)	16.3 (35.9)	17.4 (38.3)	17.0 (37.4)	16.5 (36.3)	16.1 (35.4)
34 (111'7")	15.0 (33)	14.6 (32.1)	15.6 (34.3)	15.2 (33.5)	14.7 (32.4)	14.3 (31.5)	15.4 (33.9)	15.0 (33)	14.5 (31.9)	14.1 (31)
36 (118'1")	13.4 (29.5)	13.0 (28.6)	14.0 (30.8)	13.6 (29.9)	13.1 (28.8)	12.7 (27.9)	13.8 (30.4)	13.4 (29.5)	12.9 (28.4)	12.5 (27.5)
38 (124'8")	11.9 (26.2)	11.5 (25.3)	12.4 (27.3)	12.0 (26.4)	11.5 (25.3)	11.1 (24.4)	12.2 (26.8)	11.8 (26)	11.3 (24.9)	10.9 (24)
40 (131'3")	10.5 (23.1)	10.1 (22.2)	11.1 (24.4)	10.7 (23.5)	10.2 (22.4)	9.8 (21.6)	10.9 (24)	10.5 (23.1)	10.0 (22)	9.6 (21.1)
42 (137'10")	9.4 (20.7)	9.0 (19.8)	10.0 (22)	9.6 (21.1)	9.1 (20)	8.7 (19.1)	9.7 (21.3)	9.3 (20.5)	8.8 (19.4)	8.4 (18.5)
44 (144'4")	8.3 (18.2)	7.9 (17.4)	8.8 (19.4)	8.4 (18.5)	7.9 (17.4)	7.5 (16.5)	8.7 (19.1)	8.3 (18.2)	7.8 (17.1)	7.4 (16.3)
46 (150'11")	7.3 (16)	6.9 (15.2)	7.9 (17.4)	7.5 (16.5)	7.0 (15.4)	6.6 (14.5)	7.7 (16.9)	7.3 (16)	6.8 (14.9)	6.4 (14.1)
48 (157'6")	6.4 (14.1)	6.0 (13.2)	7.0 (15.4)	6.6 (14.5)	6.1 (13.4)	5.7 (12.5)	6.8 (14.9)	6.4 (14.1)	5.9 (13)	5.5 (12.1)
50 (164'0")	5.7 (12.5)	5.3 (11.6)	6.3 (13.8)	5.9 (13)	5.4 (11.9)	5.0 (11)	6.0 (13.2)	5.6 (12.3)	5.1 (11.2)	4.7 (10.3)
52 (170'7")	5.0 (11)	4.6 (10.1)	5.6 (12.3)	5.2 (11.4)	4.7 (10.3)	4.3 (9.4)	5.3 (11.6)	4.9 (10.8)	4.4 (9.7)	4.0 (8.8)
54 (177'2")	4.3 (9.4)	3.9 (8.5)	4.8 (10.5)	4.4 (9.7)	3.9 (8.5)	3.5 (7.7)	4.6 (10.1)	4.2 (9.2)	3.7 (8.1)	3.3 (7.2)
56 (183'9")	3.6 (7.9)	3.2 (7)	4.2 (9.2)	3.8 (8.3)	3.3 (7.2)	2.9 (6.3)	3.9 (8.5)	3.5 (7.7)	3.0 (6.6)	2.6 (5.7)
58 (190'3'0)	57.5/3.4 (188'8"/7)	57.5/3.0 (188'8"/6)	3.7 (8.1)	3.3 (7.2)	2.8 (6.1)	2.4 (5.2)	3.4 (7.4)	3.0 (6.6)	2.5 (5.5)	2.1 (4.6)
60 (196'10")			60.0/3.2 (196'10"/7)	60.0/2.8 (196'10"/6)	60.0/2.3 (196'10"/5)	60.0/1.9 (196'10"/4)	2.9 (6.3)	2.5 (5.5)	2.0 (4.4)	1.6 (3.5)
62 (203'5")							2.4 (5.2)	2.0 (4.4)	1.5 (3.3)	1.1 (2.4)
64 (209'12")							62.5/2.3 (205'1"/5)	62.5/1.9 (205'1"/4)	62.5/1.4 (205'1"/3)	62.5/1.0 (205'1"/2)
# of rope	6	6	5	5	5	5	5	5	5	5

Boom Hook for "FJ" Operating Configuration



Table includes counterweight  85.2 + 5.8 x 2000 lb (Jib hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

Jib length: m (ft & in.)	73.5 (241'2")				76.5 (250'12")					
	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")		
Radius: m (ft & in.)										
12 (39'4")	13.3/54.8 (43'8"/120)	13.3/54.4 (43'8"/119)	13.3/54.9 (43'8"/121)	13.3/54.5 (43'8"/120)	13.8/51.7 (45.3"/113)	13.8/51.3 (45'3"/113)	13.8/50.8 (45'3"/111)	13.8/50.4 (45'3"/110)		
14 (54'11")	51.6 (113.7)	51.2 (112.8)	50.7 (111.7)	50.3 (110.8)	50.6 (111.5)	50.2 (110.6)	49.7 (109.5)	49.3 (108.6)		
16 (52'6")	44.4 (97.8)	44.0 (97)	43.5 (95.9)	43.1 (95)	43.5 (95.9)	43.1 (95)	42.6 (93.9)	42.2 (93)		
18 (59'1")	38.6 (85)	38.2 (84.2)	37.7 (83.1)	37.3 (82.2)	37.8 (83.3)	37.4 (82.4)	36.9 (81.3)	36.5 (80.4)		
20 (65'7")	33.9 (74.7)	33.5 (73.8)	33.0 (72.7)	32.6 (71.8)	33.2 (73.1)	32.8 (72.3)	32.3 (71.2)	31.9 (70.3)		
22 (72'2")	29.8 (65.6)	29.4 (64.8)	28.9 (63.7)	28.5 (62.8)	29.3 (64.5)	28.9 (63.7)	28.4 (62.6)	28.0 (61.7)		
24 (78'9")	26.5 (58.4)	26.1 (57.5)	25.6 (56.4)	25.2 (55.5)	26.0 (57.3)	25.6 (56.4)	25.1 (55.3)	24.7 (54.4)		
26 (85'4")	23.7 (52.2)	23.3 (51.3)	22.8 (50.2)	22.4 (49.3)	23.3 (51.3)	22.9 (50.4)	22.4 (49.3)	22.0 (48.5)		
28 (91'10")	21.2 (46.7)	20.8 (45.8)	20.3 (44.7)	19.9 (43.8)	20.8 (45.8)	20.4 (44.9)	19.9 (43.8)	19.5 (42.9)		
30 (98'5")	19.0 (41.8)	18.6 (41)	18.1 (39.9)	17.7 (39)	18.6 (41)	18.2 (40.1)	17.7 (39)	17.3 (38.1)		
32 (104'12")	17.2 (37.9)	16.8 (37)	16.3 (35.9)	15.9 (35)	16.8 (37)	16.4 (36.1)	15.9 (35)	15.5 (34.1)		
34 (111'7")	15.2 (33.5)	14.8 (32.6)	14.3 (31.5)	13.9 (30.6)	15.0 (33)	14.6 (32.1)	14.1 (31)	13.7 (30.2)		
36 (118'1")	13.6 (29.9)	13.2 (29.10)	12.7 (27.9)	12.3 (27.1)	13.4 (29.5)	13.0 (28.6)	12.5 (27.5)	12.1 (26.6)		
38 (124'8")	12.0 (26.4)	11.6 (25.5)	11.1 (24.4)	10.7 (23.5)	11.8 (26)	11.4 (25.1)	10.9 (24)	10.5 (23.1)		
40 (131'3")	10.7 (23.5)	10.3 (22.7)	9.8 (21.6)	9.4 (20.7)	10.5 (23.1)	10.1 (22.2)	9.6 (21.1)	9.2 (20.2)		
42 (137'10")	9.6 (21.1)	9.2 (20.2)	8.7 (19.1)	8.3 (18.2)	9.4 (20.7)	9.0 (19.8)	8.5 (18.7)	8.1 (17.8)		
44 (144'4")	8.4 (18.5)	8.0 (17.6)	7.5 (16.5)	7.1 (15.6)	8.2 (18)	7.8 (17.1)	7.3 (16)	6.9 (15.2)		
46 (150'11")	7.5 (16.5)	7.1 (15.6)	6.6 (14.5)	6.2 (13.6)	7.3 (16)	6.9 (15.2)	6.4 (14.1)	6.0 (13.2)		
48 (157'6")	6.6 (14.5)	6.2 (13.6)	5.7 (12.5)	5.3 (11.6)	6.4 (14.1)	6.0 (13.2)	5.5 (12.1)	5.1 (11.2)		
50 (164'0")	5.8 (12.7)	5.4 (11.9)	4.9 (10.8)	4.5 (9.9)	5.6 (12.3)	5.2 (11.4)	4.7 (10.3)	4.3 (9.4)		
52 (170'7")	5.1 (11.2)	4.7 (10.3)	4.2 (9.2)	3.8 (8.3)	4.9 (10.8)	4.5 (9.9)	4.0 (8.8)	3.6 (7.9)		
54 (177'2")	4.3 (9.4)	3.9 (8.5)	3.4 (7.4)	3.0 (6.6)	4.1 (9)	3.7 (8.1)	3.2 (7)	2.8 (6.1)		
56 (183'9")	3.7 (8.1)	3.3 (7.2)	2.8 (6.1)	2.4 (5.2)	3.5 (7.7)	3.1 (6.8)	2.6 (5.7)	2.2 (4.8)		
58 (190'3'0)	3.2 (7)	2.8 (6.1)	2.3 (5)	1.9 (4.1)	2.9 (6.3)	2.5 (5.5)	2.0 (4.4)	1.6 (3.5)		
60 (196'10")	2.7 (5.9)	2.3 (5)	1.8 (3.9)	60/1.4 (196'10"/3)	2.4 (5.2)	2.0 (4.4)	1.5 (3.3)	60.0/1.1 (196'10"/2)		
62 (203'5")	2.2 (4.8)	1.8 (3.9)	62/1.3 (203'5"/2)		1.9 (4.1)	1.5 (3.3)	62.0/1.0 (203'5"/2)			
64 (209'12")	1.7 (3.7)	64/1.3 (209'12"/2)			1.5 (3.3)	64.0/1.1 (209'12"/2)				
66 (216'6")	65.3/1.2 (214'3"/2)				66.0/1.0 (216'6"/2)					
# of rope	5	5	5	5	4	4	4	4		

Jib Hook for “FJ” Operating Configuration

- The actual hoisting capacity is the value of the rated hoisting weight listed in the charts minus the weight of the hook blocks, hangers, wire ropes and all the spreaders.
- The rated load in the charts is the value when the crane is hoisting a load on level, stable firm ground and the load is lifted slowly, steadily under a non-travel (stationary) condition. Listed rated load is within 75% of tipping load.

Fixed Jib Operating Condition

Table includes jib tip 5 m (16'5”) and jib base 5 m (16'5”)

Jib Length: meters (feet & inches)	Jib Inserts: meters (feet & inches)		Boom Length: meters (feet & inches)	Jib Tip Offset Angle
	A	B		D
	3 m (9'10")	6 m (19'8")	C	
13 (42'8")	1	—	28.5 - 76.5 (93'6" - 251')	10° - 30°
19 (62'4")	1	1	28.5 - 76.5 (93'6" - 251')	10° - 30°
25 (82')	1	2	28.5 - 76.5 (93'6" - 251')	10° - 30°
31 (101'8")	1	3	28.5 - 76.5 (93'6" - 251')	10° - 30°

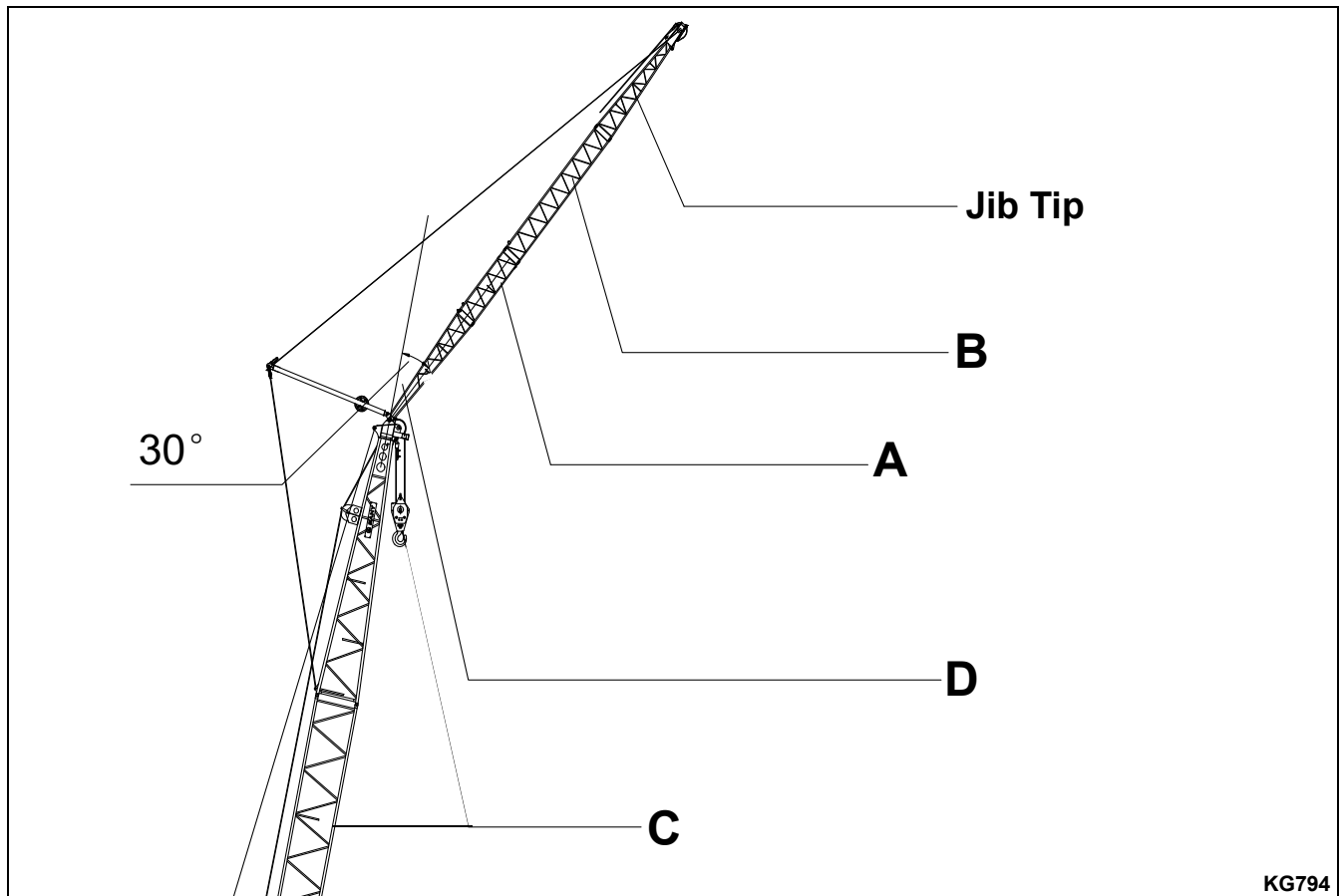


Fig. 8-10

Jib Hook for "FJ" Operating Configuration 

Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 10° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
28.5 (93'6") 31.5 (103'4")

Jib length: m (ft & in.)	28.5 (93'6")				31.5 (103'4")			
	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Radius: m (ft & in.)								
10 (32'10")	10.4/27.3 (34'1"/60)				10.8/27.3 (35'5"/60)			
12 (39'4")	26.0 (57.3)	12.3/22.0 (40'4"/48)			26.4 (58.2)	12.8/22.1 (41'12"/48)		
14 (45'11")	24.8 (54.6)	20.8 (45.8)	14.3/12.3 (46'11"/27)		25.2 (55.5)	21.1 (46.5)	14.7/12.5 (48'3"/27)	
16 (52'6")	23.5 (51.8)	19.7 (43.4)	12.0 (26.4)	16.2/7.0 (53'2"/15)	24.2 (53.3)	20.1 (44.3)	12.1 (26.6)	16.7/7.0 (54'9"/15)
18 (59'1")	22.2 (48.9)	18.8 (41.4)	11.4 (25.1)	6.6 (14.5)	23.2 (51.1)	19.2 (42.3)	11.6 (25.5)	6.7 (14.7)
20 (65'7")	21.1 (46.5)	17.9 (39.4)	10.9 (24)	6.3 (13.8)	22.3 (49.1)	18.3 (40.3)	11.1 (24.4)	6.4(14.1)
22 (72'2")	20.2 (44.5)	17.1 (37.6)	10.5 (23.1)	6.0 (13.2)	21.4 (47.1)	17.5 (38.5)	10.7 (23.5)	6.1 (13.4)
24 (78'9")	19.3 (42.5)	16.4 (36.1)	10.1 (22.2)	5.7 (12.5)	20.6 (45.4)	16.8 (37)	10.3 (22.7)	5.8 (12.7)
26 (85'4")	18.5 (40.7)	15.7 (34.6)	9.6 (21.1)	5.4 (11.9)	19.9 (43.8)	16.2 (35.7)	9.9 (21.8)	5.6 (12.3)
28 (91'10")	17.6 (38.8)	14.6 (32.1)	9.3 (20.5)	5.2 (11.4)	19.1 (42.1)	15.4 (33.9)	9.5 (20.9)	5.3 (11.6)
30 (98'5")	17.0 (37.4)	13.7 (30.2)	8.9 (19.6)	5.0 (11)	18.3 (40.3)	14.4 (31.7)	9.1 (20)	5.1 (11.2)
32 (104'12")	16.4 (36.1)	12.9 (28.4)	8.6 (18.9)	4.8 (10.5)	17.5 (38.5)	13.6 (29.9)	8.8 (19.4)	4.9 (10.8)
34 (111'7")	15.8 (34.8)	12.1 (26.6)	8.3 (18.2)	4.6 (10.1)	16.7 (36.8)	12.8 (28.2)	8.5 (18.7)	4.7 (10.3)
36 (118'1")	15.2 (33.5)	11.5 (25.3)	8.0 (17.6)	4.4 (9.7)	16.0 (35.2)	12.1 (26.6)	8.2 (18)	4.5 (9.9)
38 (124'8")	37.1/14.8 (121'9"/32)	10.9 (24)	7.8 (17.1)	4.2 (9.2)	15.3 (33.7)	11.5 (25.3)	8.0 (17.6)	4.3 (9.4)
40 (131'3")		10.5 (23.1)	7.4 (16.3)	4.0 (8.8)	39.7/14.8 (130'3"/32)	11.0 (24.2)	7.8 (17.1)	4.1 (9)
42 (137'10")		10.0 (22)	7.2 (15.8)	3.9 (8.5)		10.5 (23.1)	7.4 (16.3)	4.0 (8.8)
44 (144'4")		42.9/9.9 (140'9"/21)	7.0 (15.4)	3.7 (8.1)		10.1 (22.2)	7.2 (15.8)	3.8 (8.3)
46 (150'11")			6.9 (15.2)	3.6 (7.9)		45/9.9 (149'3"/21)	7.1 (15.6)	3.7 (8.1)
48 (157'6")			6.7 (14.7)	3.4 (7.4)			6.9 (15.2)	3.6 (7.9)
50 (164'0")			48.9/6.7 (106'5"/14)	3.3 (7.2)			6.7 (14.7)	3.5 (7.7)
52 (170'7")				3.2 (7)			51.5/6.7 (168'12"/14)	3.3 (7.2)
54 (177'2")				3.1 (6.8)				3.2 (7)
56 (183'9")				54.6/3.1 (179'2"/6)				3.2 (7)
58 (190'3")								57.2/3.1 (187'8"/16)
60 (196'10")								

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Jib Hook for "FJ" Operating Configuration

Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 10° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

24.5 (113'2")

37.5 (123'0")

Jib length: m (ft & in.)	24.5 (113'2")				37.5 (123'0")			
	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Radius: m (ft & in.)								
10 (32'10")	11.3/27.3 (37'1"/60)				11.8/27.3 (38'9"/60)			
12 (39'4")	26.8 (59)	13.3/22.0 (43'8"/48)			27.1 (59.7)	13.7/22.0 (44'11"/48)		
14 (45'11")	25.6 (56.4)	21.4 (47.1)	15.2/12.5 (49'10"/27)		26.0 (57.3)	21.6 (47.6)	15.7/12.5 (51'6"/27)	
16 (52'6")	24.6 (54.2)	20.4 (44.9)	12.3 (27.1)	17.2/7.0 (56'5"/15)	25.0 (55.1)	20.7 (45.6)	12.4 (27.3)	17.6/7 (57'9"/15)
18 (59'1")	23.7 (52.2)	19.5 (42.9)	11.8 (26)	6.8 (14.9)	24.1 (53.1)	19.8 (43.6)	11.9 (26.2)	6.9 (15.2)
20 (65'7")	22.7 (50)	18.7 (41.2)	11.3 (24.9)	6.5 (14.3)	23.2 (51.1)	19.0 (41.6)	11.4 (25.1)	6.6 (14.5)
22 (72'2")	21.9 (48.2)	18.0 (39.6)	10.9 (24)	6.2 (13.6)	22.3 (49.1)	18.3 (40.3)	11.0 (24.2)	6.3 (13.8)
24 (78'9")	21.1 (46.5)	17.2 (37.9)	10.5 (23.1)	5.9 (13)	21.6 (47.6)	17.5 (38.5)	10.6 (23.3)	6.0 (13.2)
26 (85'4")	20.4 (44.9)	16.6 (36.5)	10.1 (22.2)	5.7 (12.5)	20.9 (46)	16.9 (37.2)	10.3 (22.7)	5.8 (12.7)
28 (91'10")	19.8 (43.6)	16.0 (35.2)	9.7 (21.3)	5.4 (11.9)	20.2 (44.5)	16.4 (36.1)	9.9 (21.8)	5.5 (21.1)
30 (98'5")	19.1 (42.1)	15.1 (33.2)	9.4 (20.7)	5.2 (11.4)	19.5 (42.9)	15.8 (34.8)	9.6 (21.1)	5.3 (11.6)
32 (104'12")	18.4 (40.5)	14.2 (31.3)	9.0 (19.8)	5.0 (11)	18.8 (41.4)	15.1 (32.8)	9.2 (20.2)	5.1 (11.2)
34 (111'7")	17.6 (38.8)	13.5 (29.7)	8.7 (19.1)	4.8 (10.5)	18.2 (40.1)	14.1 (31)	8.9 (19.6)	4.9 (10.8)
36 (118'1")	16.9 (37.2)	12.8 (28.2)	8.5 (18.7)	4.6 (10.1)	17.4 (38.3)	13.4 (29.5)	8.7 (19.1)	4.7 (10.3)
38 (124'8")	16.1 (35.4)	12.1 (26.6)	8.2 (18)	4.4 (9.7)	16.7 (36.8)	12.6 (27.7)	8.4 (18.5)	4.6 (10.1)
40 (131'3")	15.4 (33.9)	11.5 (25.3)	8.0 (17.6)	4.3 (9.4)	16.1 (35.4)	12.1 (26.6)	8.2 (18)	4.4 (9.7)
42 (137'10")	14.9 (32.8)	11.0 (24.2)	7.7 (16.9)	4.1 (9)	15.6 (34.3)	11.5 (25.3)	7.9 (17.4)	4.2 (9.2)
44 (144'4")	42.4/14.8 (139'1"/32)	10.6 (23.3)	7.4 (16.3)	4.0 (8.8)	15.0 (33)	11.1 (24.4)	7.7 (16.9)	4.1 (9)
46 (150'11")		10.2 (22.4)	7.2 (15.8)	3.8 (8.3)	45.0/14.7 (147'8"/32)	10.7 (23.5)	7.4 (16.3)	3.9 (8.5)
48 (157'6")		9.9 (21.8)	7.1 (15.6)	3.7 (8.1)		10.3 (22.7)	7.3 (16)	3.8 (8.3)
50 (164'0")		48.1/9.9 (157'10"/21)	6.9 (15.2)	3.6 (7.9)		10.0 (22)	6.9 (15.2)	3.6 (7.9)
52 (170'7")			6.8 (14.9)	3.5 (7.7)		58.0/9.8 (190'3"/21)	6.8 (14.9)	3.5 (7.7)
54 (177'2")			6.7 (14.7)	3.4 (7.4)			6.7 (14.7)	3.4 (7.4)
56 (183'9")			54.2/6.7 (177'10"/14)	3.3 (7.2)			56.8/6.6 (186'4"/14)	3.3 (7.2)
58 (190'3")				3.2 (7)				3.2 (7)
60 (196'10")				59.9/3.1 (196'6"/6)				3.1 (6.8)
62 (203'5")								62.5/3.1 (205'1"/6)

Jib Hook for "FJ" Operating Configuration 


Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 10° angle								
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000								
40.5 (132'10")					43.5 (142'9")			
Jib length: m (ft & in.)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Radius: m (ft & in.)								
12 (39'4")	12.2/27.3 (40'0"/60)				12.7/27.3 (41'8"/60)			
14 (45'11")	26.3 (57.9)	14.2/22.1 (46'7"/48)			26.6 (58.6)	14.7/22.1 (48'3"/48)		
16 (52'6")	25.3 (55.7)	21.0 (46.2)	16.2/12.5 (53'2"/27)		25.6 (56.4)	21.2 (46.7)	16.6/12.5 (54'6"/27)	
18 (59'1")	24.4 (53.7)	20.1 (44.3)	12.0 (26.4)	18.1/7.9 (59'5"/17)	24.8 (54.6)	20.4 (44.9)	12.2 (26.8)	18.6/7.0 (61'0"/15)
20 (65'7")	23.6 (52)	19.3 (42.5)	11.6 (25.5)	6.7 (14.7)	24.0 (52.9)	19.6 (43.2)	11.7 (25.7)	6.8 (14.9)
22 (72'2")	22.7 (50)	18.6 (41)	11.2 (24.6)	6.4 (14.1)	23.2 (51.1)	18.9 (41.6)	11.3 (24.9)	6.5 (14.3)
24 (78'9")	21.9 (48.2)	17.9 (39.4)	10.8 (23.8)	6.1 (13.4)	22.5 (49.6)	18.2 (40.1)	10.9 (24)	6.2 (13.6)
26 (85'4")	21.2 (46.7)	17.2 (37.9)	10.4 (22.9)	5.9 (13)	21.9 (48.2)	17.5 (38.5)	10.6 (23.3)	6.0 (13.2)
28 (91'10")	20.4 (44.9)	16.7 (36.8)	10.1 (22.2)	5.6 (12.3)	21.1 (46.5)	17.0 (37.4)	10.3 (22.7)	5.7 (12.5)
30 (98'5")	19.8 (43.6)	16.2 (35.7)	9.8 (21.6)	5.4 (11.9)	20.4 (44.9)	16.5 (36.3)	9.9 (21.8)	5.5 (12.1)
32 (104'12")	19.1 (42.1)	15.5 (34.1)	9.4 (20.7)	5.2 (11.4)	19.8 (43.6)	16.0 (35.2)	9.6 (21.1)	5.3 (11.6)
34 (111'7")	18.4 (40.5)	14.7 (32.4)	9.1 (20)	5.0 (11)	19.2 (42.3)	15.3 (33.7)	9.3 (20.5)	5.1 (11.2)
36 (118'1")	17.6 (38.8)	13.9 (30.6)	8.9 (19.6)	4.9 (10.8)	18.5 (40.7)	14.5 (31.9)	9.0 (19.8)	5.0 (11)
38 (124'8")	17.0 (37.4)	13.3 (29.3)	8.6 (18.9)	4.7 (10.3)	17.7 (39)	13.8 (30.4)	8.8 (19.4)	4.8 (10.5)
40 (131'3")	16.4 (36.1)	12.6 (27.7)	8.4 (18.5)	4.5 (9.9)	17.1 (37.6)	13.2 (29.1)	8.5 (18.7)	4.6 (10.1)
42 (137'10")	15.8 (34.8)	12.0 (26.4)	8.1 (17.8)	4.4 (9.7)	16.1 (35.4)	12.5 (27.5)	8.3 (18.2)	4.5 (9.9)
44 (144'4")	15.2 (33.5)	11.6 (25.5)	7.9 (17.4)	4.2 (9.2)	15.1 (33.2)	12.0 (26.4)	8.1 (17.8)	4.3 (9.4)
46 (150'11")	14.5 (31.9)	11.1 (24.4)	7.7 (16.9)	4.1 (9)	14.3 (31.5)	11.6 (25.5)	7.9 (17.4)	4.2 (9.2)
48 (157'6")	47.7/13.5 (156'6"/29)	10.7 (23.5)	7.4 (16.3)	3.9 (8.5)	13.4 (29.5)	11.2 (24.6)	7.7 (16.9)	4.0 (8.8)
50 (164'0")		10.4 (22.9)	7.3 (16)	3.8 (8.3)	12.4 (27.3)	10.8(23.8)	7.4 (16.3)	3.9 (8.5)
52 (170'7")		10.0 (22)	7.1(15.6)	3.7 (8.1)	50.3/12.3 (165'0"/27)	10.4 (22.9)	7.3 (16)	3.8 (8.3)
54 (177'2")		53.4/9.8 (175'2"/21)	7.0(15.4)	3.6 (7.9)		10.1 (22.2)	7.2 (15.8)	3.7 (8.1)
56 (183'9")			6.8(14.9)	3.5 (7.7)		56.0/9.8 (183'9"/21)	7.0 (15.4)	3.6 (7.9)
58 (190'3")			6.7(14.7)	3.4(7.4)			6.9 (15.2)	3.5 (7.7)
60 (196'10")			59.4/6.6 (194'11"/14)	3.3(7.2)			6.7 (14.7)	3.4 (7.4)
62 (203'5")				3.2(7)			6.6 (14.5)	3.3 (7.2)
64 (209'12")				3.1(6.8)			62.1/6.6 (203'9"/14)	3.2 (7)
66 (216'6")				65.2/3.1 (213'11/6)				3.2 (7)
68 (223'1")								67.8/3.1 (222'5"/6)

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Jib Hook for "FJ" Operating Configuration

Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 10° angle

		Main boom length: meters (feet & inches) Unit: kg (lb) x 1000							
		46.5 (152'7")				49.5 (162'5")			
Jib length: m (ft. & in.)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	
Radius: m (ft & in.)									
12 (39'4")	13.2/27.3 (43'4"/60)				13.7/27.3 (44'11"/60)				
14 (45'11")	26.8 (59)	15.1/22.1 (49'6"/48)			27.1 (59.7)	15.6/22.1 (51'2"/48)			
16 (52'6")	25.9 (57)	21.4 (47.1)	17.1/12.5 (56'1"/27)		26.2 (57.7)	21.7 (47.8)	17.6/12.5 (57'9"/27)		
18 (59'1")	25.1 (55.3)	20.6 (45.4)	12.3 (27.1)	19.0/7.0 (62'4"/15)	25.4 (55.9)	20.9 (46)	12.4 (27.3)	19.5/7.0 (63'12"/15)	
20 (65'7")	24.3 (53.5)	19.9 (43.8)	11.8 (26)	6.8 (14.9)	24.6 (54.2)	20.1 (44.3)	12.0 (26.4)	6.9 (15.2)	
22 (72'2")	23.5 (51.8)	19.2 (42.3)	11.5 (25.3)	6.5 (14.3)	23.7 (52.2)	19.4 (42.7)	11.6 (25.5)	6.6 (14.5)	
24 (78'9")	22.6 (49.8)	18.5 (40.7)	11.1 (24.4)	6.3 (13.8)	22.8 (50.2)	18.8 (41.4)	11.2 (24.6)	6.4 (14.1)	
26 (85'4")	21.9 (48.2)	17.9 (39.4)	10.7 (23.5)	6.0 (13.2)	22.0 (48.5)	18.2 (40.1)	10.9 (24)	6.1 (13.4)	
28 (91'10")	21.1 (46.5)	17.3 (38.1)	10.4 (22.9)	5.8 (12.7)	21.3 (46.9)	17.6 (38.8)	10.6 (23.3)	5.9 (13)	
30 (98'5")	20.4 (44.9)	16.8 (37)	10.1 (22.2)	5.6 (12.3)	20.7 (45.6)	17.1 (37.6)	10.3 (22.7)	5.7 (12.5)	
32 (104'12")	19.7 (43.4)	16.3 (35.9)	9.5 (20.9)	5.4 (11.9)	20.1 (44.3)	16.6 (36.5)	10.0 (22)	5.5 (12.1)	
34 (111'7")	19.0 (41.8)	15.9 (35)	9.5 (20.9)	5.2 (11.4)	19.5 (42.9)	16.1 (35.4)	9.7 (21.3)	5.3 (11.6)	
36 (118'1")	18.2 (40.1)	15.1 (33.2)	9.2 (20.2)	5.1 (11.2)	18.9 (41.6)	15.6 (34.3)	9.4 (20.7)	5.1 (11.2)	
38 (124'8")	17.4 (38.3)	14.3 (31.5)	9.0 (19.8)	4.9 (10.8)	18.2 (40.1)	14.9 (32.8)	9.1 (20)	5.0 (11)	
40 (131'3")	16.6 (36.5)	13.7 (30.2)	8.7 (19.1)	4.7 (10.3)	17.0 (37.4)	14.2 (31.3)	8.9 (19.6)	4.8 (10.5)	
42 (137'10")	15.8 (34.8)	13.1 (28.8)	8.5 (18.7)	4.6 (10.1)	15.8 (34.8)	13.6 (29.9)	8.7 (19.1)	4.7 (10.3)	
44 (144'4")	14.9 (32.8)	12.5 (27.5)	8.3 (18.2)	4.4 (9.7)	14.7 (32.4)	13.1 (28.8)	8.4 (18.5)	4.5 (9.9)	
46 (150'11")	13.9 (30.6)	12.0(26.4)	8.1 (17.8)	4.3 (9.4)	13.7 (30.2)	12.5 (27.5)	8.2 (18)	4.4 (9.7)	
48 (157'6")	13.0 (28.6)	11.6 (25.5)	7.9 (17.4)	4.1 (9)	12.8 (28.2)	12.0 (26.4)	8.0 (17.6)	4.2 (9.2)	
50 (164'0")	12.1 (26.6)	11.2 (24.6)	7.7(16.9)	4.0(8.8)	11.9 (26.2)	11.6 (25.5)	7.9 (17.4)	4.1 (9)	
52 (170'7")	11.4 (25.1)	10.8 (23.8)	7.4 (16.3)	3.9 (8.5)	11.2 (24.6)	11.2 (24.6)	7.7 (16.9)	4.0 (8.8)	
54 (177'2")	53.0/11.1 (173'11"/24)	10.5 (23.1)	7.3 (16)	3.8 (8.3)	10.5 (23.1)	10.9 (24)	7.4 (16.3)	3.9 (8.5)	
56 (183'9")		10.2 (22.4)	7.1 (15.6)	3.7 (8.1)	55.6/10.0 (182'5"/22)	10.2 (22.4)	7.3 (16)	3.8 (8.3)	
58 (190'3")		9.9 (21.8)	7.0 (15.4)	3.6 (7.9)		9.7 (21.3)	7.1 (15.6)	3.7 (8.1)	
60 (196'10")		58.7/9.8 (192'7"/21)	6.9 (15.2)	3.5 (7.7)		9.1 (20)	7.0 (15.4)	3.6 (7.9)	
62 (203'5")			6.8 (14.9)	3.4 (7.4)		61.4/8.8 (201'5"/19)	6.9 (15.2)	3.5 (7.7)	
64 (209'12")			6.7 (14.7)	3.3 (7.2)			6.8 (14.9)	3.4 (7.4)	
66 (216'6")			64.7/6.6 (212'3"/14)	3.2 (7)			6.7 (14.7)	3.3 (7.2)	
68 (223'1")				3.2 (7)			67.3/6.6 (220'10"/14)	3.3 (7.2)	
70 (229'8")				3.1 (6.8)				3.2 (7)	
72 (236'3")				7.0.4/3.1 (230'12"/6)				3.1 (6.8)	
74 (242'9")								73.1/3.1 (239'10"/6)	

Jib Hook for "FJ" Operating Configuration 

Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 10° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

Jib length: m (ft & in.)	52.5 (172'3")				55.5 (182'1")			
	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Radius: m (ft & in.)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
14 (45'11")	14.1/27.3 (46'3"/60)				14.6/27.3 (47'11"/60)			
16 (52'6")	26.4 (58.2)	16.1/22.0 (52'10"/48)			26.7 (58.8)	16.5/22.0 (54'2"/48)		
18 (59'1")	25.6 (56.4)	21.1 (46.5)	12.5 (27.5)		25.9 (57)	21.3 (46.9)	18.5/12.5 (60'8"/27)	
20 (65'7")	24.9 (54.8)	20.3 (44.7)	12.1 (26.6)	7.0 (15.4)	25.2 (55.5)	20.6 (45.4)	12.2 (26.8)	20.5/7.0 (67'3"/15)
22 (72'2")	24.0 (52.9)	19.7 (43.4)	11.7 (25.7)	6.7 (14.7)	24.4 (53.7)	19.9 (43.8)	11.8 (26)	6.8 (14.9)
24 (78'9")	23.3 (51.3)	19.0 (41.8)	11.3 (24.9)	6.4 (14.1)	23.7 (52.2)	19.3 (42.5)	11.5 (25.3)	6.5 (14.3)
26 (85'4")	22.5 (49.6)	18.5 (40.7)	11.0 (24.2)	6.2 (13.6)	23.0 (50.7)	18.7 (41.2)	11.1 (24.4)	6.3 (13.8)
28 (91'10")	21.9 (48.2)	17.9 (39.4)	10.7 (23.5)	6.0 (13.2)	22.3 (49.1)	18.2 (40.1)	10.8 (23.8)	6.1 (13.4)
30 (98'5")	21.3 (46.9)	17.3 (38.1)	10.4 (22.9)	5.8 (12.7)	21.7 (47.8)	17.6 (38.8)	10.5 (23.1)	5.9 (13)
32 (104'12")	20.7 (45.6)	16.9 (37.2)	10.1 (22.2)	5.6 (12.3)	21.1 (46.5)	17.1 (37.6)	10.3 (22.7)	5.7 (12.5)
34 (111'7")	20.1 (44.3)	16.4 (36.1)	9.8 (21.6)	5.4 (11.9)	20.5 (45.1)	16.7 (36.8)	10.0 (22)	5.5 (12.1)
36 (118'1")	19.6 (43.2)	16.0 (35.2)	9.5 (20.9)	5.2 (11.4)	19.3 (42.5)	16.3 (35.9)	9.7 (21.3)	5.3 (11.6)
38 (124'8")	18.1 (39.9)	15.4 (33.9)	9.3 (20.5)	5.1 (11.2)	17.7 (39)	15.9 (35)	9.4 (20.7)	5.2 (11.4)
40 (131'3")	16.7 (36.8)	14.7 (32.4)	9.0 (19.8)	4.9 (10.8)	16.4 (36.1)	15.2 (33.5)	9.2 (20.2)	5.0 (11)
42 (137'10")	15.5 (34.1)	14.1 (31)	8.8 (19.4)	4.8 (10.5)	15.2 (33.5)	14.5 (31.9)	9.0 (19.8)	4.9 (10.8)
44 (144'4")	14.4 (31.7)	13.5 (29.7)	8.6 (18.9)	4.6 (10.1)	14.1 (31)	14.0 (30.8)	8.8 (19.4)	4.7 (10.3)
46 (150'11")	13.4 (29.5)	13.0 (28.6)	8.4 (18.5)	4.5 (9.9)	13.1 (28.8)	13.4 (29.5)	8.5 (18.7)	4.6 (10.1)
48 (157'6")	12.4 (27.3)	12.4 (27.3)	8.2 (18)	4.3 (9.4)	12.2 (26.8)	12.5 (27.5)	8.4 (18.5)	4.4 (9.7)
50 (164'0")	11.6 (25.5)	12.0 (26.4)	8.0 (17.6)	4.2 (9.2)	11.3 (24.9)	11.8 (26)	8.2 (18)	4.3 (9.4)
52 (170'7")	10.9 (24)	11.3 (24.9)	7.8 (17.1)	4.1 (9)	10.6 (23.3)	11.0 (24.2)	8.0 (17.6)	4.2 (9.2)
54 (177'2")	10.2 (22.4)	10.6 (23.3)	7.7 (16.9)	4.0 (8.8)	9.9 (21.8)	10.3 (22.7)	7.8 (17.1)	4.1 (9)
56 (183'9")	9.6 (21.1)	10.0 (22)	7.4 (16.3)	3.9 (8.5)	9.3 (20.5)	9.7 (21.3)	7.7 (16.9)	4.0 (8.8)
58 (190'3")	9.0 (19.8)	9.4 (20.7)	7.3 (16)	3.8 (8.3)	8.7 (19.1)	9.1 (20)	7.4 (16.3)	3.9 8.5
60 (196'10")	58.3/8.9 (191'3"/19)	8.8 (19.4)	7.2 (15.8)	3.7 (8.1)	8.2 (18)	8.5 (18.7)	7.3 (16)	3.8 (8.3)
62 (203'5")		8.3 (18.2)	7.0 (15.4)	3.6 (7.9)	60.9/8.0 (199'10"/17)	8.0 (17.6)	7.2 (15.8)	3.7 (8.1)
64 (209'12")		64.0/7.9 (209'12")	6.9 (15.2)	3.5 (7.7)		7.5 (16.5)	7.0 (15.4)	3.6 (7.9)
66 (216'6")			6.8 (14.9)	3.4 (7.4)		7.0 (15.4)	6.9 (15.2)	3.5 (7.7)
68 (223'1")			6.7 (14.7)	3.3 (7.2)		66.6/6.9 (218'6"/15)	6.8 (14.9)	3.4 (7.4)
70 (229'8")			70.0/6.6 (229'8"/14)	3.3 (7.2)			6.6 (14.5)	3.3 (7.2)
72 (236'3")				3.2 (7)			6.3 (13.8)	3.3 (7.2)
74 (242'9")				3.1 (6.8)			72.6/6.1 (238'2"/13)	3.2 (7)
76 (249'4")				75.7/3.1 (248'4"/16)				3.1 (6.8)
78 (255'11")								3.1 (6.8)
80 (262'6")								78.4/3.1 (257'3"/6)

Load Charts

SCC3000US

Jib Hook for "FJ" Operating Configuration



Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 10° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

		58.5 (191'11")				61.5 (201'9")			
Jib length: m (ft & in.)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	
Radius: m (ft & in.)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	
14 (45'11")	15.1/27.3 (49'6"/60)				15.5/27.3 (50'10"/60)				
16 (52'6")	26.9 (59.3)	17.0/22 (55'9"/48)			27.1 (59.7)	17.5/22 (57'5"/48)			
18 (59'1")	26.1 (57.5)	21.5 (47.3)	19.0/12.3 (62'4"/27)		26.3 (57.9)	21.6 (47.6)	19.4/12.5 (63'8"/27)		
20 (65'7")	25.4 (55.9)	20.8 (45.8)	12.3 (27.1)	20.9/7.0 (68'7"/15)	25.6 (56.4)	21.0 (46.2)	12.4 (27.3)	21.4/7.0 (70'3"/15)	
22 (72'2")	24.6 (54.2)	20.1 (44.3)	11.9 (26.2)	6.8 (14.9)	25.0 (55.1)	20.3 (44.7)	12.0 (26.4)	6.9 (15.2)	
24 (78'9")	13.7 (30.2)	19.5 (42.9)	11.6 (25.5)	6.6 (14.5)	24.2 (53.3)	19.7 (43.4)	11.7 (25.7)	6.6 (14.5)	
26 (85'4")	23.3 (51.3)	18.9 (41.6)	11.2 (24.6)	6.3 (13.8)	23.6 (52)	19.2 (42.3)	11.3 (24.9)	6.4 (14.1)	
28 (91'10")	22.6 (49.8)	18.4 (40.5)	10.9 (24)	6.1 (13.4)	23.0 (50.7)	18.6 (41)	11.1 (24.4)	6.2 (13.6)	
30 (98'5")	22.0 (48.5)	17.9 (39.4)	10.7 (23.5)	5.9 (13)	22.3 (49.1)	18.1 (39.9)	10.8 (23.8)	6.0 (13.2)	
32 (104'12")	21.4 (47.1)	17.4 (38.3)	10.4 (22.9)	5.7 (12.5)	21.7 (47.8)	17.6 (38.8)	10.5 (23.1)	5.8 (12.7)	
34 (111'7")	20.7 (45.6)	16.9 (37.2)	10.1 (22.2)	5.6 (12.3)	20.5 (45.1)	17.1 (37.6)	10.2 (22.4)	5.6 (12.3)	
36 (118'1")	19.0 (41.8)	16.5 (36.3)	9.8 (21.6)	5.4 (11.9)	18.8 (41.4)	16.7 (36.8)	10.0 (22)	5.5 (12.1)	
38 (124'8")	17.4 (38.3)	16.1 (35.4)	9.6 (21.1)	5.2 (11.4)	17.2 (37.9)	16.4 (36.1)	9.7 (21.3)	5.3 (11.6)	
40 (131'3")	16.1 (35.4)	15.7 (34.6)	9.3 (20.5)	5.1 (11.2)	15.9 (35)	16.0 (35.2)	9.5 (20.9)	5.2 (11.4)	
42 (137'10")	14.9 (32.8)	15.0 (33)	9.1 (20)	4.9 (10.8)	14.7 (32.4)	15.1 (33.2)	9.3 (20.5)	5.0 (11)	
44 (144'4")	13.8 (30.4)	14.2 (31.3)	8.9 (19.6)	4.8 (10.5)	13.6 (29.9)	14.1 (31)	9.0 (19.8)	4.9 (10.8)	
46 (150'11")	12.8 (28.2)	13.3 (29.3)	8.7 (19.1)	4.7 (10.3)	12.5 (27.5)	13.1 (28.8)	8.8 (19.4)	4.7 (10.3)	
48 (157'6")	11.8 (26)	12.3 (27.1)	8.5 (18.7)	4.5 (9.9)	11.6 (25.5)	12.1 (26.6)	8.6 (18.9)	4.6 (10.1)	
50 (164'0")	11.0 (24.2)	11.4 (25.1)	8.3 (18.2)	4.4 (9.7)	10.8 (23.8)	11.3 (24.9)	8.5 (18.7)	4.5 (9.9)	
52 (170'7")	10.3 (22.7)	10.7 (23.5)	8.1 (17.8)	4.3 (9.4)	10.1 (22.2)	10.5 (23.1)	8.3 (18.2)	4.4 (9.7)	
54 (177'2")	9.6 (21.1)	10.0 (22)	8.0 (17.6)	4.2 (9.2)	9.4 (20.7)	9.8 (21.6)	8.1 (17.8)	4.3 (9.4)	
56 (183'9")	9.0 (19.8)	9.4 (20.7)	7.8 (17.1)	4.1 (9)	8.8 (19.4)	9.2 (20.2)	8.0 (17.6)	4.1 (9)	
58 (190'3")	8.4 (18.5)	8.8 (19.4)	7.7 (16.9)	3.9 (8.5)	8.2 (18)	8.6 (18.9)	7.8 (17.1)	4.0 (8.8)	
60 (196'10")	7.8 (17.1)	8.2 (18)	7.4 (16.3)	3.8 (8.3)	7.5 (16.5)	8.0 (17.6)	7.7 (16.9)	3.9 (8.5)	
62 (203'5")	7.2 (15.8)	7.7 (16.9)	7.3 (16)	3.8 (8.3)	7.0 (15.4)	7.4 (16.3)	7.4 (16.3)	3.8 (8.3)	
64 (209'12")	63.5/6.9 (208'4"/15)	7.1 (15.6)	7.2 (15.8)	3.7 (8.1)	6.6 (14.5)	6.9 (15.2)	7.3 (16)	3.7 (8.1)	
66 (216'6")		6.7 (14.7)	7.1 (15.6)	3.6 (7.9)	6.1 (13.4)	6.5 (14.3)	7.0 (15.4)	3.7 (8.1)	
68 (223'1")		6.3 (13.8)	6.7 (14.7)	3.5 (7.7)	66.2/6.1 (217'2"/13)	6.1 (13.4)	6.6 (14.5)	3.6 (7.9)	
70 (229'8")		69.3/6.0 (227'4"/13)	6.3 (13.8)	3.4 (7.4)		5.7 (12.5)	6.1 (13.4)	3.5 (7.7)	
72 (236'3")			5.9 (13)	3.3 (7.2)		71.9/5.3 (235'11"/11)	5.8 (12.7)	3.4 (7.4)	
74 (242'9")			5.6 (12.3)	3.3 (7.2)			5.4 (11.9)	3.4 (7.4)	
76 (249'4")			75.3/5.4 (247'1"/11)	3.2 (7)			5.1 (11.2)	3.3 (7.2)	
78 (255'11")				3.2 (7)			77.9/4.8 (255'7"/10)	3.2 (7)	
80 (262'6")				3.1 (6.8)				3.2 (7)	
82 (269'0")				81.0/3.1 (265'9"/6)				3.1 (6.8)	
84 (275'7")								83.6/3.1 (274'3"/6)	

Jib Hook for "FJ" Operating Configuration 

Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 10° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

Jib length: m (ft & in.)	64.5 (211'7")				67.5 (221'5")			
	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Radius: m (ft & in.)								
16 (52'6")	27.3 (60.1)				16.5/27.3 (54'2"/60)	18.4/22.0 (60'4"/48)		
18 (59'1")	26.5 (58.4)	22.0 (48.5)	19.9/12.5 (65'3"/27)		26.7 (58.8)	22.0 (48.5)		
20 (65'7")	25.8 (56.8)	21.1 (46.5)	12.4 (27.3)	21.7/6.9 (71'2"/15)	26.0 (57.3)	21.3 (46.9)	20.4/12.5 (66'11"/27)	
22 (72'2")	25.2 (55.5)	20.5 (45.1)	12.1 (26.6)	6.9 (15.2)	25.4 (55.9)	20.7 (45.6)	12.2 (26.8)	22.3/7.0 (73'2"/15)
24 (78'9")	24.6 (54.2)	19.9 (43.8)	11.8 (26)	6.7 (14.7)	24.8 (54.6)	20.1 (44.3)	11.9 (26.2)	6.7 (14.7)
26 (85'4")	24.0 (52.9)	19.4 (42.7)	11.5 (25.3)	6.5 (14.3)	24.3 (53.5)	19.6 (43.2)	11.5 (25.3)	6.5 (14.3)
28 (91'10")	23.5 (51.8)	18.8 (41.4)	11.2 (24.6)	6.3 (13.8)	23.6 (52)	19.0 (41.8)	11.3 (24.9)	6.3 (13.8)
30 (98'5")	22.8 (50.2)	18.4 (40.5)	10.9 (24)	6.1 (13.4)	22.8 (50.2)	18.6 (41)	11.0 (24.2)	6.1 (13.4)
32 (104'12")	22.1 (48.7)	17.9 (39.4)	10.6 (23.3)	5.9 (13)	21.8 (48)	18.1 (39.9)	10.7 (23.5)	6.0 (13.2)
34 (111'7")	20.2 (44.5)	17.4 (38.3)	10.4 (22.9)	5.7 (12.5)	19.9 (43.8)	17.6 (38.8)	10.5 (23.1)	5.8 (12.7)
36 (118'1")	18.5 (40.7)	17.0 (37.4)	10.1 (22.2)	5.5 (12.1)	18.2 (40.1)	17.2 (37.9)	10.2 (22.4)	5.6 (12.3)
38 (124'8")	16.9 (37.2)	16.6 (36.5)	9.9 (21.8)	5.4 (11.9)	16.6 (36.5)	16.8 (37)	10.0 (22)	5.5 (12.1)
40 (131'3")	15.6 (34.3)	16.0 (35.2)	9.6 (21.1)	5.2 (11.4)	15.3 (33.7)	15.8 (34.8)	9.7 (21.3)	5.3 (11.6)
42 (137'10")	14.4 (31.7)	14.8 (32.6)	9.4 (20.7)	5.1 (11.2)	14.1 (31)	14.6 (32.1)	9.5 (20.9)	5.2 (11.4)
44 (144'4")	13.3 (29.3)	13.8 (30.4)	9.2 (20.2)	5.0 (11)	13.0 (28.6)	13.5 (29.7)	9.3 (20.5)	5.0 (11)
46 (150'11")	12.2 (26.8)	12.8 (28.2)	9.0 (19.8)	4.8 (10.5)	11.9 (26.2)	12.4 (27.3)	9.1 (20)	4.9 (10.8)
48 (157'6")	11.3 (24.9)	11.8 (26)	8.8 (19.4)	4.7 (10.3)	11.1 (24.4)	11.5 (25.3)	8.9 (19.6)	4.8 (10.5)
50 (164'0")	10.5 (23.1)	10.9 (24)	8.6 (18.9)	4.6 (10.1)	10.2 (22.4)	10.7 (23.5)	8.7 (19.1)	4.7 (10.3)
52 (170'7")	9.8 (21.6)	10.2 (22.4)	8.4 (18.5)	4.5 (9.9)	9.5 (20.9)	9.9 (21.8)	8.5 (18.7)	4.5 (9.9)
54 (177'2")	9.1 (20)	9.5 (20.9)	8.2 (18)	4.3 (9.4)	8.8 (19.4)	9.2 (20.2)	8.4 (18.5)	4.4 (9.7)
56 (183'9")	8.4 (18.5)	8.9 (19.6)	8.1 (17.8)	4.2 (9.2)	8.2 (18)	8.6 (18.9)	8.2 (18)	4.3 (9.4)
58 (190'3")	7.9 (17.4)	8.3 (18.2)	7.9 (17.4)	4.1 (9)	7.5 (16.5)	8.0 (17.6)	8.1 (17.8)	4.2 (9.2)
60 (196'10")	7.2 (15.8)	7.7 (16.9)	7.8 (17.1)	4.0 (8.8)	6.9 (15.2)	7.3 (16)	7.9 (17.4)	4.1 (9)
62 (203'5")	6.7 (14.7)	7.1 (15.6)	7.7 (16.9)	3.9 (8.5)	6.4 (14.1)	6.8 (14.9)	7.4 (16.3)	4.0 (8.8)
64 (209'12")	6.2 (13.6)	6.6 (14.5)	7.1 (15.6)	3.8 (8.3)	6.0 (13.2)	6.3 (13.8)	6.9 (15.2)	3.9 (8.5)
66 (216'6")	5.8 (12.7)	6.2 (13.6)	6.7 (14.7)	3.7 (8.1)	5.5 (12.1)	5.9 (13)	6.4 (14.1)	3.8 (8.3)
68 (223'1")	5.4 (11.9)	5.8 (12.7)	6.3 (13.8)	3.7 (8.1)	5.1 (11.2)	5.5 (12.1)	6.0 (13.2)	3.7 (8.1)
70 (229'8")	68.8/5.2 (225'9"/11)	5.4 (11.9)	5.8 (12.7)	3.6 (7.9)	4.7 (10.3)	5.1 (11.2)	5.6 (12.3)	3.6 (7.9)
72 (236'3")		5.0 (11)	5.5 (12.1)	3.5 (7.7)	71.5/4.5 (234'7"/9)	4.7 (10.3)	5.2 (11.4)	3.6 (7.9)
74 (242'9")		4.7 (10.3)	5.1 (11.2)	3.4 (7.4)		4.4 (9.7)	4.8 (10.5)	3.5 (7.7)
76 (249'4")		74.6/4.6 (244'9"/10)	4.8 (10.5)	3.4 (7.4)		4.0 (8.8)	4.5 (9.9)	3.4 (7.4)
78 (255'11")			4.4 (9.7)	3.3 (7.2)		77.2/3.9 (253'3"/8)	4.2 (9.2)	3.4 (7.4)
80 (262'6")			4.1 (9)	3.2 (7)			3.9 (8.5)	3.3 (7.2)
82 (269'0")			80.5/4.1 (264'1"/9)	3.2 (7)			3.6 (7.9)	3.2 (7)
84 (275'7")				3.1 (6.8)			83.2/3.4 (272'12"/7)	3.2 (7)
86 (282'2")				3.1 (6.8)				3.1 (6.8)
88 (288'9")				86.3/3.1 (283'2"/6)				3.1 (6.8)
90 (295'3")								88.9/3.0 (291'8"/6)

Load Charts

SCC3000US

Jib Hook for "FJ" Operating Configuration



Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 10° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

Jib length: m (ft & in.)	70.5 (231'4")				73.5 (241'2")			
	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Radius: m (ft & in.)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
16 (52'6")	16.9/27.3 (55'5"/60)				17.4/27.3 (57'1"/60)			
18 (59'1")	26.9 (59.3)	18.9/22.0 (62'0"/48)			27.1 (59.7)	19.4/22.0 (63'8"/48)		
20 (65'7")	26.2 (57.7)	21.5 (47.3)	20.8/12.5 (68'3"/27)		26.4 (58.2)	21.6 (47.6)	21.3/12.5 (69'11"/27)	
22 (72'2")	25.6 (56.4)	20.9 (46)	12.2 (26.8)	22.8/6.9 (74'10"/15)	25.8 (56.8)	21.0 (46.2)	12.3 (27.1)	23.3/6.9 (76'5"/15)
24 (78'9")	25.0 (55.1)	20.3 (44.7)	11.9 (26.2)	6.8 (14.9)	25.2 (55.5)	20.4 (44.9)	12.0 (26.4)	6.9 (15.2)
26 (85'4")	24.5 (54)	19.7 (43.4)	11.6 (25.5)	6.6 (14.5)	24.7 (54.4)	19.9 (43.8)	11.7 (25.7)	6.6 (14.5)
28 (91'10")	23.9 (52.6)	19.2 (42.3)	11.3 (24.9)	6.4 (14.1)	24.2 (53.3)	19.4 (42.7)	11.4 (25.1)	6.4 (14.1)
30 (98'5")	23.5 (51.8)	18.8 (41.4)	11.0 (24.2)	6.2 (13.6)	23.1 (50.9)	18.9 (41.6)	11.2 (24.6)	6.3 (13.8)
32 (104'12")	21.3 (46.9)	18.3 (40.3)	10.8 (23.8)	6.0 (13.2)	20.9 (46)	18.5 (40.7)	10.9 (24)	6.1 (13.4)
34 (111'7")	19.6 (43.2)	17.9 (39.4)	10.5 (23.1)	5.8 (12.7)	19.3 (42.5)	18.1 (39.9)	10.7 (23.5)	5.9 (13)
36 (118'1")	17.9 (39.4)	17.4 (38.3)	10.3 (22.7)	5.7 (12.5)	17.6 (38.8)	17.6 (38.8)	10.4 (22.9)	5.7 (12.5)
38 (124'8")	16.3 (35.9)	16.8 (37)	10.1 (22.2)	5.5 (12.1)	16.1 (35.4)	16.6 (36.5)	10.2 (22.4)	5.6 (12.3)
40 (131'3")	15.0 (33)	15.5 (34.1)	9.8 (21.6)	5.4 (11.9)	14.8 (32.6)	15.3 (33.7)	10.0 (22)	5.4 (11.9)
42 (137'10")	13.8 (30.4)	14.3 (31.5)	9.6 (21.1)	5.2 (11.4)	13.6 (29.9)	14.1 (31)	9.8 (21.6)	5.3 (11.6)
44 (144'4")	12.6 (27.7)	13.2 (29.1)	9.4 (20.7)	5.1 (11.2)	12.4 (27.3)	13.0 (28.6)	9.6 (21.1)	5.2 (11.4)
46 (150'11")	11.6 (25.5)	12.1 (26.6)	9.2 (20.2)	5.0 (11)	11.4 (25.1)	11.9 (26.2)	9.4 (20.7)	5.0 (11)
48 (157'6")	10.7 (23.5)	11.2 (24.6)	9.0 (19.8)	4.8 (10.5)	10.5 (23.1)	11.0 (24.2)	9.2 (20.2)	4.9 (10.8)
50 (164'0")	9.9 (21.8)	10.4 (22.9)	8.8 (19.4)	4.7 (10.3)	9.7 (21.3)	10.2 (22.4)	9.0 (19.8)	4.8 (10.5)
52 (170'7")	9.2 (20.2)	9.6 (21.1)	8.6 (18.9)	4.6 (10.1)	9.0 (19.8)	9.4 (20.7)	8.8 (19.4)	4.7 (10.3)
54 (177'2")	8.5 (18.7)	8.9 (19.6)	8.5 (18.7)	4.5 (9.9)	8.3 (18.2)	8.7 (19.1)	8.6 (18.9)	4.6 (10.1)
56 (183'9")	7.8 (17.1)	8.3 (18.2)	8.3 (18.2)	4.4 (9.7)	7.5 (16.5)	8.1 (17.8)	8.5 (18.7)	4.5 (9.9)
58 (190'3")	7.2 (15.8)	7.7 (16.9)	8.2 (18)	4.3 (9.4)	7.0 (15.4)	7.4 (16.3)	8.0 (17.6)	4.3 (9.4)
60 (196'10")	6.6 (14.5)	7.0 (15.4)	7.7 (16.9)	4.2 (9.2)	6.4 (14.1)	6.8 (14.9)	7.4 (16.3)	4.2 (9.2)
62 (203'5")	6.1 (13.4)	6.5 (14.3)	7.1 (15.6)	4.1 (9)	5.9 (13)	6.3 (13.8)	6.9 (15.2)	4.1 (9)
64 (209'12")	5.6 (12.3)	6.0 (13.2)	6.6 (14.5)	4.0 (8.8)	5.4 (11.9)	5.8 (12.7)	6.4 (14.1)	4.1 (9)
66 (216'6")	5.2 (11.4)	5.6 (12.3)	6.1 (13.4)	3.9 (8.5)	5.0 (11)	5.4 (11.9)	5.9 (13)	4.0 (8.8)
68 (223'1")	4.8 (10.5)	5.2 (11.4)	5.7 (12.5)	3.8 (8.3)	4.6 (10.1)	5.0 (11)	5.5 (12.1)	3.9 (8.5)
70 (229'8")	4.4 (9.7)	4.8 (10.5)	5.3 (11.6)	3.7 (8.1)	4.2 (9.2)	4.6 (10.1)	5.1 (11.2)	3.8 (8.3)
72 (236'3")	4.0 (8.8)	4.4 (9.7)	4.9 (10.8)	3.6 (7.9)	3.8 (8.3)	4.2 (9.2)	4.7 (10.3)	3.7 (8.1)
74 (242'9")	3.7 (8.1)	4.0 (8.8)	4.5 (9.9)	3.6 (7.9)	3.5 (7.7)	3.8 (8.3)	4.4 (9.7)	3.6 (7.9)
76 (249'4")	74.1/3.7 (243'1"/8)	3.7 (8.1)	4.2 (9.2)	3.5 (7.7)	3.1 (6.8)	3.5 (7.7)	4.0 (8.8)	3.6 (7.9)
78 (255'11")		3.4 (7.4)	3.9 (8.5)	3.4 (7.4)	76.7/3.0 (251'8"/6)	3.2 (7)	3.7 (8.1)	3.5 (7.7)
80 (262'6")		79.8/3.1 (261'10"/6)	3.6 (7.9)	3.4 (7.4)		2.9 (6.3)	3.4 (7.4)	3.4 (7.4)
82 (269'0")			3.3 (7.2)	3.3 (7.2)		2.6 (5.7)	3.1 (6.8)	3.4 (7.4)
84 (275'7")			3.0 (6.6)	3.2 (7)		82.4/2.6 (270'4"/5)	2.8 (6.1)	3.1 (6.8)
86 (282'2")			85.8/2.8 (281'6"/6)	3.0 (6.6)			2.6 (5.7)	2.8 (6.1)
88 (288'9")				2.8 (6.1)			2.2 (4.8)	2.4 (5.2)
90 (295'3")				2.4 (5.2)			88.5/2.2 (290'4"/4)	2.1 (4.6)
92 (301'10")				91.6/2.3 (300'6"/5)				1.8 (3.9)
94 (308'5")								1.6 (3.5)
96 (314'11")								94.2/1.6 (309'1")

Jib Hook for "FJ" Operating Configuration



Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 10° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

76.5 (250'12")

Jib length: m (ft & in.)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")				
Radius: m (ft & in.)								
16 (52'6")	17.3/27.3 (56'9"/60)							
18 (59'1")	27.2 (59.9)	19.8/22.0 (64'12"/48)						
20 (65'7")	26.6 (58.6)	21.8 (48)	21.8/12.5 (71'6"/27)					
22 (72'2")	26.0 (57.3)	21.2 (46.7)	12.4 (27.3)	23.7/6.8 (77'9"/14)				
24 (78'9")	25.4 (55.9)	20.6 (45.4)	12.1 (26.6)	6.9 (15.2)				
26 (85'4")	24.9 (54.8)	20.1 (44.3)	11.8 (26)	6.7 (14.7)				
28 (91'10")	24.4 (53.7)	19.6 (43.2)	11.5 (25.3)	6.5 (14.3)				
30 (98'5")	22.1 (48.7)	19.1 (42.1)	11.3 (24.9)	6.3 (13.8)				
32 (104'12")	20.3 (44.7)	18.7 (41.2)	11.0 (24.2)	6.1 (13.4)				
34 (111'7")	18.7 (41.2)	18.3 (40.3)	10.8 (23.8)	6.0 (13.2)				
36 (118'1")	17.2 (37.9)	17.9 (39.4)	10.5 (23.1)	5.8 (12.7)				
38 (124'8")	15.8 (34.8)	16.2 (35.7)	10.3 (22.7)	5.7 (12.5)				
40 (131'3")	14.5 (31.9)	15.0 (33)	10.1 (22.2)	5.5 (12.1)				
42 (137'10")	13.3 (29.3)	13.8 (30.4)	9.9 (21.8)	5.4 (11.9)				
44 (144'4")	12.1 (26.6)	12.6 (27.7)	9.7 (21.3)	5.2 (11.4)				
46 (150'11")	11.1 (24.4)	11.6 (25.5)	9.5 (20.9)	5.1 (11.2)				
48 (157'6")	10.2 (22.4)	10.7 (23.5)	9.3 (20.5)	5.0 (11)				
50 (164'0")	9.4 (20.7)	9.9 (21.8)	9.0 (19.8)	4.9 (10.8)				
52 (170'7")	8.7 (19.1)	9.1 (20)	8.9 (19.6)	4.7 (10.3)				
54 (177'2")	8.0 (17.6)	8.4 (18.5)	8.7 (19.1)	4.6 (10.1)				
56 (183'9")	7.2 (15.8)	7.8 (17.1)	8.4 (18.5)	4.5 (9.9)				
58 (190'3")	6.6 (14.5)	7.1 (15.6)	7.8 (17.1)	4.4 (9.7)				
60 (196'10")	6.1 (13.4)	6.5 (14.3)	7.1 (15.6)	4.3 (9.4)				
62 (203'5")	5.6 (12.3)	6.0 (13.2)	6.6 (14.5)	4.2 (9.2)				
64 (209'12")	5.1 (11.2)	5.5 (12.1)	6.1 (13.4)	4.1 (9)				
66 (216'6")	4.7 (10.3)	5.1 (11.2)	5.6 (12.3)	4.0 (8.8)				
68 (223'1")	4.2 (9.2)	4.6 (10.1)	5.2 (11.4)	3.9 (8.5)				
70 (229'8")	3.8 (8.3)	4.2 (9.2)	4.8 (10.5)	3.9 (8.5)				
72 (236'3")	3.5 (7.7)	3.9 (8.5)	4.4 (9.7)	3.8 (8.3)				
74 (242'9")	3.1 (6.8)	3.5 (7.7)	4.1 (9)	3.7 (8.1)				
76 (249'4")	2.8 (6.1)	3.2 (7)	3.7 (8.1)	3.6 (7.9)				
78 (255'11")	2.4 (5.2)	2.9 (6.3)	3.4 (7.4)	3.6 (7.9)				
80 (262'6")	79.3/2.2 (260'2"/4)	2.6 (5.7)	3.1 (6.8)	3.4 (7.4)				
82 (269'0")		2.2 (4.8)	2.8 (6.1)	3.1 (6.8)				
84 (275'7")		1.9 (4.1)	2.4 (5.2)	2.8 (6.1)				
86 (282'2")		85.1/1.8 (279'2"/3)	2.2 (4.8)	2.6 (5.7)				
88 (288'9")			1.9 (4.1)	2.2 (4.8)				
90 (295'3")			1.7 (3.7)	2.0 (4.4)				
92 (301'10")			91.1/1.5 (298'11"/3)	1.7 (3.7)				
94 (308'5")				1.5 (3.3)				
96 (314'11")				1.3 (2.8)				
98 (321'6")				96.8/1.2 (317'7"/2)				

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Load Charts

SCC3000US

Jib Hook for "FJ" Operating Configuration

Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 30° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

28.5 (93'6")

31.5 (103'4")

Jib length: m (ft & in.)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
	Radius: m (ft & in.)							
14 (45'11")	14.3/19.9 (46'11"/43)				14.8/19.9 (48'7"/43)			
16 (52'6")	19.1 (42.1)	18.1/13.8 (59'5"/30)			19.3 (42.5)			
18 (59'1")	18.3 (40.3)	13.8 (30.4)			18.7 (41.2)	18.6/13.8 (61'0"/30)		
20 (65'7")	17.1 (37.6)	13.8 (30.4)	21.9/8.4 (71'10"/18)		17.6 (38.8)	13.8 (30.4)	23.3/8.4 (76'5"/18)	
22 (72'2")	16.2 (35.7)	13.4 (29.5)	8.4 (18.5)		16.7 (36.8)	13.5 (29.7)	8.4 (18.5)	
24 (78'9")	15.5 (34.1)	12.9 (28.4)	8.1 (17.8)	25.6/4.3 (83'12"/9)	15.9 (35)	13.2 (29.1)	8.2 (18)	26.1/4.3 (85'8"/9)
26 (85'4")	14.8 (32.6)	12.2 (26.8)	7.8 (17.1)	4.2 (9.2)	15.2 (33.5)	12.5 (27.5)	7.9 (17.4)	4.3 (9.4)
28 (91'10")	14.2 (31.3)	11.6 (25.5)	7.5 (16.5)	4.1 (9)	14.7 (32.4)	11.9 (26.2)	7.7 (16.9)	4.1 (9)
30 (98'5")	13.7 (30.2)	11.1 (24.4)	7.3 (16)	3.9 (8.5)	14.1 (31)	11.4 (25.1)	7.4 (16.3)	4.0 (8.8)
32 (104'12")	13.2 (29.1)	10.6 (23.3)	7.1 (15.6)	3.8 (8.3)	13.7 (30.2)	10.9 (24)	7.2 (15.8)	3.8 (8.3)
34 (111'7")	13.0 (28.6)	10.2 (22.4)	6.9 (15.2)	3.6 (7.9)	13.3 (29.3)	10.5 (23.1)	7.0 (15.4)	3.7 (8.1)
36 (118'1")	12.8 (28.2)	9.9 (21.8)	6.7 (14.7)	3.5 (7.7)	13.0 (28.6)	10.2 (22.4)	6.8 (14.9)	3.6 (7.9)
38 (124'8")	37.8/12.4 (124'0"/27)	9.6 (21.1)	6.6 (14.5)	3.4 (7.4)	12.8 (28.2)	9.9 (21.8)	6.7 (14.7)	3.4 (7.4)
40 (131'3")		9.4 (20.7)	6.4 (14.1)	3.3 (7.2)	12.6 (27.7)	9.6 (21.1)	6.5 (14.3)	3.3 (7.2)
42 (137'10")		9.2 (20.2)	6.3 (13.8)	3.2 (7)	40.5/12.6 (132'10"/27)	9.4 (20.7)	6.4 (14.1)	3.2 (7)
44 (144'4")		9.1 (20)	6.3 (13.8)	3.1 (6.8)		9.2 (20.2)	6.3 (13.8)	3.2 (7)
46 (150'11")		44.2/9.1 (145'0"/20)	6.2 (13.6)	3.0 (6.6)		9.1 (20)	6.2 (13.6)	3.1 (6.8)
48 (157'6")			6.2 (13.6)	2.9 (6.3)		46.9/9.1 (153'10"/20)	6.2 (13.6)	3.0 (6.6)
50 (164'0")			6.2 (13.6)	2.9 (6.3)			6.2 (13.6)	2.9 (6.3)
52 (170'7")			50.3/6.2 (165'0"/13)	2.8 (6.1)			6.2 (13.6)	2.9 (6.3)
54 (177'2")				2.8 (6.1)			53.0/6.2 (173'11"/13)	2.8 (6.1)
56 (183'9")				2.8 (6.1)				2.8 (6.1)
58 (190'3")				56.4/2.8 (185'0"/6)				2.8 (6.1)
60 (196'10")								59.1/2.8 (193'11"/6)
62 (203'5")								

Jib Hook for “FJ” Operating Configuration 

Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 30° angle


Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
34.5 (113'2") 37.5 (123'5")

Jib length: m (ft & in.)	34.5 (113'2")				37.5 (123'5")			
	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Radius: m (ft & in.)								
14 (45'11")	15.3/19.9 (50'2"/43)				15.7/19.9 (51'6"/43)			
16 (52'6")	19.4 (42.7)				19.6 (43.2)			
18 (59'1")	18.9 (41.6)	19.0/13.8 (62'4"/30)			19.1 (42.1)	19.5/13.8 (63'12"/30)		
20 (65'7")	18.1 (39.9)	13.8 (30.4)			18.5 (40.7)	13.8 (30.4)		
22 (72'2")	17.1 (37.6)	13.7 (30.2)	22.4/8.4 (73'6"/18)		17.5 (38.5)	13.8 (30.4)	23.3/8.4 (76'5"/18)	
24 (78'9")	16.3 (35.9)	13.3 (29.3)	8.2 (18)		16.7 (36.8)	13.4 (29.5)	8.3 (18.2)	
26 (85'4")	15.7 (34.6)	12.9 (28.4)	8.0 (17.6)	22.6/4.3 (74'2"/9)	16.0 (35.2)	13.1 (28.8)	8.1 (17.8)	27.1/4.3 (88'11"/9)
28 (91'10")	15.1 (33.2)	12.2 (26.8)	7.8 (17.1)	4.2 (9.2)	15.4 (33.9)	12.5 (27.5)	7.8 (17.1)	4.2 (9.2)
30 (98'5")	14.5 (31.9)	11.7 (25.7)	7.4 (16.3)	4.0 (8.8)	14.9 (32.8)	12.0 (26.4)	7.5 (16.5)	4.0 (8.8)
32 (104'12")	14.1 (31)	11.2 (24.6)	7.3 (16)	3.9 (8.5)	14.4 (31.7)	11.5 (25.3)	7.3 (16)	3.9 (8.5)
34 (111'7")	13.7 (30.2)	10.8 (23.8)	7.1 (15.6)	3.7 (8.1)	14.0 (30.8)	11.1 (24.4)	7.2 (15.8)	3.8 (8.3)
36 (118'1")	13.3 (29.3)	10.5 (23.1)	6.9 (15.2)	3.6 (7.9)	13.6 (29.9)	10.7 (23.5)	7.0 (15.4)	3.7 (8.1)
38 (124'8")	13.0 (28.6)	10.1 (22.2)	6.8 (14.9)	3.5 (7.7)	13.3 (29.3)	10.4 (22.9)	6.9 (15.2)	3.6 (7.9)
40 (131'3")	12.8 (28.2)	9.8 (21.6)	6.6 (14.5)	3.4 (7.4)	13.1 (28.8)	10.1 (22.2)	6.7 (14.7)	3.5 (7.7)
42 (137'10")	12.6 (27.7)	9.6 (21.1)	6.5 (14.3)	3.3 (7.2)	12.9 (28.4)	9.8 (21.6)	6.6 (14.5)	3.4 (7.4)
44 (144'4")	43.1/12.6 (141'5"/27)	9.4 (20.7)	6.4 (14.1)	3.2 (7)	12.6 (27.7)	9.6 (21.1)	6.5 (14.3)	3.3 (7.2)
46 (150'11")		9.2 (20.2)	6.3 (13.8)	3.1 (6.8)	45.8/12.6 (150'3"/27)	9.4 (20.7)	6.4 (14.1)	3.2 (7)
48 (157'6")		9.1 (20)	6.2 (13.6)	3.1 (6.8)		9.3 (20.5)	6.3 (13.8)	3.1 (6.8)
50 (164'0")		49.5/9.1 (162'5"/20)	6.2 (13.6)	3.0 (6.6)		9.1 (20)	6.2 (13.6)	3.0 (6.6)
52 (170'7")			6.2 (13.6)	2.9 (6.3)		9.0 (19.8)	6.2 (13.6)	3.0 (6.6)
54 (177'2")			6.2 (13.6)	2.9 (6.3)		52.2/9.1 (171'3"/20)	6.2 (13.6)	2.9 (6.3)
56 (183'9")			55.6/6.2 (182'5"/13)	2.8 (6.1)			6.2 (13.6)	2.9 (6.3)
58 (190'3")				2.8 (6.1)			6.2 (13.6)	2.8 (6.1)
60 (196'10")				2.8 (6.1)			58.3/6.2 (191'3"/13)	2.8 (6.1)
62 (203'5")				61.7/2.8 (202'5"/6)				2.8 (6.1)
64 (209'12")								2.8 (6.1)
66 (216'6")								64.4/2.8 (211'3"/6)
68 (223'1")								


Load Charts

SCC3000US

Jib Hook for "FJ" Operating Configuration

Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 30° angle								
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000								
40.5 (132'10")					43.5 (142'9")			
Jib length: m (ft & in.)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Radius: m (ft & in.)								
16 (52'6")	16.2/19.8 (53'2"/43)				16.7/19.8 (54'9"/43)			
18 (59'1")	19.2 (42.3)	20.0/13.8 (65'7"/30)			19.4 (42.7)			
20 (65'7")	18.8 (41.4)	13.8 (30.4)			19.0 (41.8)	20.0/13.8 (65'7"/30)		
22 (72'2")	17.9 (39.4)	13.8 (30.4)	23.3/8.4 (76'5"/18)		18.3 (40.3)	13.8 (30.4)	24.3/8.4 (79'9"/18)	
24 (78'9")	17.1 (37.6)	13.5 (29.7)	8.3 (18.2)		17.4 (38.3)	13.6 (29.9)	8.4 (18.5)	
26 (85'4")	16.4 (36.1)	13.3 (29.3)	8.1 (17.8)	27.5/4.3 (90'3"/9)	16.7 (36.8)	13.4 (29.5)	8.2 (18)	28.0/4.3 (91'10"/9)
28 (91'10")	15.8 (34.8)	12.8 (28.2)	7.9 (17.4)	4.2 (9.2)	16.1 (35.4)	13.1 (28.8)	8.0 (17.6)	4.3 (9.4)
30 (98'5")	15.2 (33.5)	12.2 (26.8)	7.7 (16.9)	4.1 (9)	15.6 (34.3)	12.5 (27.5)	7.8 (17.1)	4.1 (9)
32 (104'12")	14.8 (32.6)	11.8 (26)	7.4 (16.3)	3.9 (8.5)	15.1 (33.2)	12.0 (26.4)	7.5 (16.5)	4.0 (8.8)
34 (111'7")	14.3 (31.5)	11.3 (24.9)	7.3 (16)	3.8 (8.3)	14.6 (32.1)	11.6 (25.5)	7.3 (16)	3.9 (8.5)
36 (118'1")	13.9 (30.6)	11.0 (24.2)	7.1 (15.6)	3.7 (8.1)	14.2 (31.3)	11.2 (24.6)	7.2 (15.8)	3.8 (8.3)
38 (124'8")	13.6 (29.9)	10.6 (23.3)	6.9 (15.2)	3.6 (7.9)	13.9 (30.6)	10.9 (24)	7.0 (15.4)	3.6 (7.9)
40 (131'3")	13.3 (29.3)	10.3 (22.7)	6.8 (14.9)	3.5 (7.7)	13.6 (29.9)	10.6 (23.3)	6.9 (15.2)	3.5 (7.7)
42 (137'10")	13.1 (28.8)	10.1 (22.2)	6.7 (14.7)	3.4 (7.4)	13.3 (29.3)	10.3 (22.7)	6.8 (14.9)	3.5 (7.7)
44 (144'4")	12.9 (28.4)	9.8 (21.6)	6.6 (14.5)	3.3 (7.2)	13.1 (28.8)	10.0 (22)	6.7 (14.7)	3.4 (7.4)
46 (150'11")	12.6 (27.7)	9.6 (21.1)	6.5 (14.3)	3.2 (7)	12.9 (28.4)	9.8 (21.6)	6.5 (14.3)	3.3 (7.2)
48 (157'6")	12.6 (27.7)	9.4 (20.7)	6.4 (14.1)	3.2 (7)	12.6 (27.7)	9.6 (21.1)	6.5 (14.3)	3.2 (7)
50 (164'0")	48.4/12.6 (158'9"/27)	9.3 (20.5)	6.3 (13.8)	3.1 (6.8)	12.6 (27.7)	9.4 (20.7)	6.4 (14.1)	3.1 (6.8)
52 (170'7")		9.2 (20.2)	6.2 (13.6)	3.0 (6.6)	51.0/12.2 (167'4"/26)	9.3 (20.5)	6.3 (13.8)	3.1 (6.8)
54 (177'2")		9.1 (20)	6.2 (13.6)	3.0 (6.6)		9.2 (20.2)	6.2 (13.6)	3.0 (6.6)
56 (183'9")		54.8/9.1 (179'9"/20)	6.2 (13.6)	2.9 (6.3)		9.1 (20)	6.2 (13.6)	3.0 (6.6)
58 (190'3")			6.2 (13.6)	2.8 (6.1)		57.4/9.1 (188'4"/20)	6.2 (13.6)	2.9 (6.3)
60 (196'10")			6.2 (13.6)	2.8 (6.1)			6.2 (13.6)	2.9 (6.3)
62 (203'5")			60.9/6.2 (199'10"/13)	2.8 (6.1)			6.2 (13.6)	2.8 (6.1)
64 (209'12")				2.8 (6.1)			63.5/6.2 (208'4"/13)	2.8 (6.1)
66 (216'6")				2.8 (6.1)				2.8 (6.1)
68 (223'1")				67.0/2.8 (219'10"/6)				2.8 (6.1)
70 (229'8")								69.6/2.8 (228'4"/6)

Jib Hook for "FJ" Operating Configuration 

Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 30° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

Jib length: m (ft & in.)	46.5 (152'7")				49.5 (162'5")			
	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Radius: m (ft & in.)								
16 (52'6")	17.1/19.8 (56'1"/43)				17.6/19.8 (57'9"/43)			
18 (59'1")	19.5 (42.9)				19.6 (43.2)			
20 (65'7")	19.1 (42.1)	20.9/13.8 (68'7"/30)			19.2 (42.3)	21.4/13.8 (70'3"/30)		
22 (72'2")	18.6 (41)	13.8 (30.4)			18.8 (41.4)	13.8 (30.4)		
24 (78'9")	17.7 (39)	13.7 (30.2)	24.7/8.4 (81'0"/18)		18.1 (39.9)	13.8 (30.4)	25.2/8.4 (82'8"/18)	
26 (85'4")	17.0 (37.4)	13.5 (29.7)	8.2 (18)		17.3 (38.1)	13.6 (29.9)	8.3 (18.2)	
28 (91'10")	16.4 (36.1)	13.2 (29.1)	8.0 (17.6)	28.5/4.3 (93'6"/9)	16.7 (36.8)	13.3 (29.3)	8.1 (17.8)	28.9/4.3 (94'10"/9)
30 (98'5")	15.9 (35)	12.8 (28.2)	7.8 (17.1)	4.1 (9)	16.2 (35.7)	13.0 (28.6)	7.9 (17.4)	4.2 (9.2)
32 (104'12")	15.4 (33.9)	12.2 (26.8)	7.7 (16.9)	4.0 (8.8)	15.7 (34.6)	12.4 (27.3)	7.7 (16.9)	4.1 (9)
34 (111'7")	14.9 (32.8)	11.8 (26)	7.4 (16.3)	3.9 (8.5)	15.2 (33.5)	12.0 (26.4)	7.5 (16.5)	3.9 (8.5)
36 (118'1")	14.5 (31.9)	11.4 (25.1)	7.2 (15.8)	3.8 (8.3)	14.8 (32.6)	11.6 (25.5)	7.3 (16)	3.8 (8.3)
38 (124'8")	14.2 (31.3)	11.1 (24.4)	7.1 (15.6)	3.7 (8.1)	14.4 (31.7)	11.3 (24.9)	7.2 (15.8)	3.7 (8.1)
40 (131'3")	13.8 (30.4)	10.8 (23.8)	7.0 (15.4)	3.6 (7.9)	14.1 (31)	11.0 (24.2)	7.0 (15.4)	3.6 (7.9)
42 (137'10")	13.6 (29.9)	10.5 (23.1)	6.8 (14.9)	3.5 (7.7)	13.8 (30.4)	10.7 (23.5)	6.9 (15.2)	3.5 (7.7)
44 (144'4")	13.3 (29.3)	10.2 (22.4)	6.7 (14.7)	3.4 (7.4)	13.5 (29.7)	10.4 (22.9)	6.8 (14.9)	3.5 (7.7)
46 (150'11")	13.1 (28.8)	10.0 (22)	6.6 (14.5)	3.3 (7.2)	13.3 (29.3)	10.2 (22.4)	6.7 (14.7)	3.4 (7.4)
48 (157'6")	12.9 (28.4)	9.8 (21.6)	6.5 (14.3)	3.3 (7.2)	13.1 (28.8)	10.0 (22)	6.6 (14.5)	3.3 (7.2)
50 (164'0")	12.3 (27.1)	9.6 (21.1)	6.4 (14.1)	3.2 (7)	12.1 (26.6)	9.8 (21.6)	6.5 (14.3)	3.2 (7)
52 (170'7")	11.5 (25.3)	9.4 (20.7)	6.4 (14.1)	3.1 (6.8)	11.4 (25.1)	9.6 (21.1)	6.4 (14.1)	3.2 (7)
54 (177'2")	53.7/10.9 (176'2"/24)	9.3 (20.5)	6.3 (13.8)	3.1 (6.8)	10.6 (23.3)	9.4 (20.7)	6.3 (13.8)	3.1 (6.8)
56 (183'9")		9.2 (20.2)	6.2 (13.6)	3.0 (6.6)	10.0 (22)	9.3 (20.5)	6.3 (13.8)	3.0 (6.6)
58 (190'3")		9.1 (20)	6.2 (13.6)	3.0 (6.6)	56.3/9.9 (184'9"/21)	9.2 (20.2)	6.2 (13.6)	3.0 (6.6)
60 (196'10")		9.1 (20)	6.2 (13.6)	2.9 (6.3)		9.1 (20)	6.2 (13.6)	2.9 (6.3)
62 (203'5")		60.1/9.1 (197'2"/20)	6.2 (13.6)	2.9 (6.3)		8.8 (19.4)	6.2 (13.6)	2.9 (6.3)
64 (209'12")			6.2 (13.6)	2.8 (6.1)		62.7/8.7 (205'8"/19)	6.2 (13.6)	2.9 (6.3)
66 (216'6")			6.2 (13.6)	2.8 (6.1)			6.2 (13.6)	2.8 (6.1)
68 (223'1")			66.2/6.2 (217'2"/13)	2.8 (6.1)			6.2 (13.6)	2.8 (6.1)
70 (229'8")				2.8 (6.1)			68.8/6.2 (225'9"/13)	2.8 (6.1)
72 (236'3")				2.8 (6.1)				2.8 (6.1)
74 (242'9")				72.3/2.8 (237'2"/6)				2.8 (6.1)
76 (249'4")								74.9/2.8 (245'9"/6)
78 (255'11")								

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Jib Hook for "FJ" Operating Configuration

Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 30° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

52.5 (172'3")

55.5 (182'1")

Jib length: m (ft & in.)	52.5 (172'3")				55.5 (182'1")			
	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Radius: m (ft & in.)								
18 (59'1")	18.1/19.8 (59'5"/43)				18.5/19.8 (60'8"/43)			
20 (65'7")	19.3 (42.5)	21.8/13.8 (71'6"/30)			19.4 (42.7)	22.3/13.8 (73'2"/30)		
22 (72'2")	18.9 (41.6)	13.8 (30.4)			19.0 (41.8)	13.8 (30.4)		
24 (78'9")	18.4 (40.5)	13.8 (30.4)	25.6/8.4 (83'12"/18)		18.6 (41)	13.8 (30.4)	26.1/8.4 (85'8"/18)	
26 (85'4")	17.6 (38.8)	13.6 (29.9)	8.3 (18.2)		18.0 (39.6)	13.7 (30.2)	8.4 (18.5)	
28 (91'10")	17.0 (37.4)	13.4 (29.5)	8.1 (17.8)	29.4/4.3 (96'5"/9)	17.3 (38.1)	13.5 (29.7)	8.2 (18)	29.9/4.3 (98'1"/9)
30 (98'5")	16.5 (36.3)	13.2 (29.1)	8.0 (17.6)	4.2 (9.2)	16.7 (36.8)	13.2 (29.1)	8.0 (17.6)	4.2 (9.2)
32 (104'12")	16.0 (35.2)	12.6 (27.7)	7.8 (17.1)	4.1 (9)	16.2 (35.7)	12.9 (28.4)	7.8 (17.1)	4.1 (9)
34 (111'7")	15.5 (34.1)	12.2 (26.8)	7.5 (16.5)	4.0 (8.8)	15.8 (34.8)	12.4 (27.3)	7.7 (16.9)	4.0 (8.8)
36 (118'1")	15.1 (33.2)	11.9 (26.2)	7.4 (16.3)	3.9 (8.5)	15.4 (33.9)	12.0 (26.4)	7.4 (16.3)	3.9 (8.5)
38 (124'8")	14.7 (32.4)	11.5 (25.3)	7.2 (15.8)	3.8 (8.3)	15.0 (33)	11.7 (25.7)	7.3 (16)	3.8 (8.3)
40 (131'3")	14.4 (31.7)	11.2 (24.6)	7.1 (15.6)	3.7 (8.1)	14.6 (32.1)	11.4 (25.1)	7.2 (15.8)	3.7 (8.1)
42 (137'10")	14.0 (30.8)	10.9 (24)	7.0 (15.4)	3.6 (7.9)	14.3 (31.5)	11.1 (24.4)	7.0 (15.4)	3.6 (7.9)
44 (144'4")	13.8 (30.4)	10.6 (23.3)	6.9 (15.2)	3.5 (7.7)	14.0 (30.8)	10.8 (23.8)	6.9 (15.2)	3.5 (7.7)
46 (150'11")	13.5 (29.7)	10.4 (22.9)	6.8 (14.9)	3.4 (7.4)	13.5 (29.7)	10.6 (23.3)	6.8 (14.9)	3.4 (7.4)
48 (157'6")	12.8 (28.2)	10.2 (22.4)	6.7 (14.7)	3.3 (7.2)	12.4 (27.3)	10.3 (22.7)	6.7 (14.7)	3.4 (7.4)
50 (164'0")	11.9 (26.2)	9.9 (21.8)	6.6 (14.5)	3.3 (7.2)	11.6 (25.5)	10.1 (22.2)	6.6 (14.5)	3.3 (7.2)
52 (170'7")	11.1 (24.4)	9.7 (21.3)	6.5 (14.3)	3.2 (7)	10.8 (23.8)	9.9 (21.8)	6.5 (14.3)	3.2 (7)
54 (177'2")	10.4 (22.9)	9.6 (21.1)	6.4 (14.1)	3.1 (6.8)	10.1 (22.2)	9.7 (21.3)	6.5 (14.3)	3.2 (7)
56 (183'9")	9.7 (21.3)	9.4 (20.7)	6.3 (13.8)	3.1 (6.8)	9.4 (20.7)	9.6 (21.1)	6.4 (14.1)	3.1 (6.8)
58 (190'3")	9.1 (20)	9.3 (20.5)	6.3 (13.8)	3.0 (6.6)	8.8 (19.4)	9.4 (20.7)	6.3 (13.8)	3.1 (6.8)
60 (196'10")	59.0/8.8 (193'7"/19)	9.2 (20.2)	6.2 (13.6)	3.0 (6.6)	8.3 (18.2)	8.9 (19.6)	6.3 (13.8)	3.0 (6.6)
62 (203'5")		8.6 (18.9)	6.2 (13.6)	2.9 (6.3)	61.6/7.8 (202'1"/17)	8.4 (18.5)	6.2 (13.6)	3.0 (6.6)
64 (209'12")		8.1 (17.8)	6.1 (13.4)	2.9 (6.3)		7.9 (17.4)	6.2 (13.6)	2.9 (6.3)
66 (216'6")		65.4/7.7 (214'7"/16)	6.1 (13.4)	2.9 (6.3)		7.3 (16)	6.1 (13.4)	2.9 (6.3)
68 (223'1")			6.1 (13.4)	2.8 (6.1)		68.0/6.8 (223'1"/14)	6.1 (13.4)	2.9 (6.3)
70 (229'8")			6.1 (13.4)	2.8 (6.1)			6.1 (13.4)	2.8 (6.1)
72 (236'3")			71.5/6.1 (234'7"/13)	2.8 (6.1)			6.1 (13.4)	2.8 (6.1)
74 (242'9")				2.8 (6.1)			6.1 (13.4)	2.8 (6.1)
76 (249'4")				2.8 (6.1)			74.1/6.1 (243'1"/13)	2.8 (6.1)
78 (255'11)				77.6/2.8 (254'7"/6)				2.8 (6.1)
80 (262'6")								2.8 (6.1)
82 (269'0")								80.2/2.8 (263'1"/6)
84 (275'7")								

Jib Hook for "FJ" Operating Configuration



Table includes counterweight 85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 30° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

Jib length: m (ft & in.)	58.5 (191'11")				61.5 (201'9")			
	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Radius: m (ft & in.)								
18 (59'1")	19.0/19.8 (62'4"/43)				19.5/19.8 (63'12"/43)			
20 (65'7")	19.5 (42.9)				19.6 (43.2)			
22 (72'2")	19.1 (42.1)	22.8/13.8 (74'10"/30)			19.2 (42.3)	23.3/13.8 (76'5"/30)		
24 (78'9")	18.8 (41.4)	13.8 (30.4)			18.9 (41.6)	13.8 (30.4)		
26 (85'4")	18.2 (40.1)	13.8 (30.4)	26.6/8.4 (87'3"/18)		18.5 (40.7)	13.8 (30.4)	27.0/8.4 (88'7"/18)	
28 (91'10")	17.5 (38.5)	13.6 (29.9)	8.2 (18)		17.9 (39.4)	13.6 (29.9)	8.3 (18.2)	
30 (98'5")	17.0 (37.4)	13.3 (29.3)	8.1 (17.8)	30.3/4.2 (99'5"/9)	17.2 (37.9)	13.4 (29.5)	8.1 (17.8)	30.8/4.2 (101'1"/9)
32 (104'12")	16.5 (36.3)	13.1 (28.8)	7.9 (17.4)	4.1 (9)	16.7 (36.8)	13.2 (29.1)	7.9 (17.4)	4.2 (9.2)
34 (111'7")	16.0 (35.2)	12.6 (27.7)	7.7 (16.9)	4.0 (8.8)	16.3 (35.9)	12.9 (28.4)	7.8 (17.1)	4.0 (8.8)
36 (118'1")	15.6 (34.3)	12.2 (26.8)	7.5 (16.5)	3.9 (8.5)	15.8 (34.8)	12.4 (27.3)	7.5 (16.5)	3.9 (8.5)
38 (124'8")	15.2 (33.5)	11.9 (26.2)	7.4 (16.3)	3.8 (8.3)	15.4 (33.9)	12.1 (26.6)	7.4 (16.3)	3.9 (8.5)
40 (131'3")	14.8 (32.6)	11.6 (25.5)	7.2 (15.8)	3.7 (8.1)	15.1 (33.2)	11.7 (25.7)	7.3 (16)	3.8 (8.3)
42 (137'10")	14.5 (31.9)	11.3 (24.9)	7.1 (15.6)	3.6 (7.9)	14.7 (32.4)	11.4 (25.1)	7.2 (15.8)	3.7 (8.1)
44 (144'4")	14.2 (31.3)	11.0 (24.2)	7.0 (15.4)	3.6 (7.9)	14.0 (30.8)	11.2 (24.6)	7.1 (15.6)	3.6 (7.9)
46 (150'11")	13.2 (29.1)	10.7 (23.5)	6.9 (15.2)	3.5 (7.7)	13.0 (28.6)	10.9 (24)	6.9 (15.2)	3.5 (7.7)
48 (157'6")	12.2 (26.8)	10.5 (23.1)	6.8 (14.9)	3.4 (7.4)	12.0 (26.4)	10.7 (23.5)	6.8 (14.9)	3.4 (7.4)
50 (164'0")	11.3 (24.9)	10.3 (22.7)	6.7 (14.7)	3.3 (7.2)	11.2 (24.6)	10.4 (22.9)	6.7 (14.7)	3.4 (7.4)
52 (170'7")	10.5 (23.1)	10.1 (22.2)	6.6 (14.5)	3.3 (7.2)	10.4 (22.9)	10.2 (22.4)	6.7 (14.7)	3.3 (7.2)
54 (177'2")	9.8 (21.6)	9.9 (21.8)	6.5 (14.3)	3.2 (7)	9.7 (21.3)	10.0 (22)	6.6 (14.5)	3.2 (7)
56 (183'9")	9.2 (20.2)	9.7 (21.3)	6.4 (14.1)	3.2 (7)	9.0 (19.8)	9.8 (21.6)	6.5 (14.3)	3.2 (7)
58 (190'3")	8.5 (18.7)	9.3 (20.5)	6.4 (14.1)	3.1 (6.8)	8.4 (18.5)	9.1 (20)	6.4 (14.1)	3.1 (6.8)
60 (196'10")	7.9 (17.4)	8.7 (19.1)	6.3 (13.8)	3.0 (6.6)	7.8 (17.1)	8.5 (18.7)	6.4 (14.1)	3.1 (6.8)
62 (203'5")	7.3 (16)	8.1 (17.8)	6.3 (13.8)	3.0 (6.6)	7.2 (15.8)	8.0 (17.6)	6.3 (13.8)	3.0 (6.6)
64 (209'12")	6.8 (14.9)	7.5 (16.5)	6.2 (13.6)	3.0 (6.6)	6.7 (14.7)	7.4 (16.3)	6.3 (13.8)	3.0 (6.6)
66 (216'6")	64.2/6.8 (210'8"/14)	7.0 (15.4)	6.2 (13.6)	2.9 (6.3)	6.2 (13.6)	6.9 (15.2)	6.2 (13.6)	2.9 (6.3)
68 (223'1")		6.5 (14.3)	6.1 (13.4)	2.9 (6.3)	66.9/6.0 (219'6"/13)	6.4 (14.1)	6.2 (13.6)	2.9 (6.3)
70 (229'8")		6.1 (13.4)	6.1 (13.4)	2.9 (6.3)		6.0 (13.2)	6.1 (13.4)	2.9 (6.3)
72 (236'3")		70.6/6.0 (231'7"/13)	6.1 (13.4)	2.8 (6.1)		5.6 (12.3)	6.0 (13.2)	2.8 (6.1)
74 (242'9")			5.8 (12.7)	2.8 (6.1)		73.3/5.2 (240'6"/11)	5.6 (12.3)	2.8 (6.1)
76 (249'4")			5.4 (11.9)	2.8 (6.1)			5.2 (11.4)	2.8 (6.1)
78 (255'11")			76.7/5.2 (251'8"/11)	2.8 (6.1)			4.9 (10.8)	2.8 (6.1)
80 (262'6")				2.8 (6.1)			79.4/4.7 (260'6"/10)	2.8 (6.1)
82 (269'0")				2.8 (6.1)				2.8 (6.1)
84 (275'7")				82.8/2.8 (271'8"/6)				2.8 (6.1)
86 (282'2")								85.5/2.8 (280'6"/6)

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Jib Hook for "FJ" Operating Configuration



Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 30° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

Jib length: m (ft & in.)	64.5 (211'7")				67.5 (221'5")			
	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
20 (65'7")	20.0/19.8 (65'7"/143)				20.4/19.7 (66'11"/143)			
22 (72'2")	19.3 (42.5)	23.7/13.8 (77'9"/30)			19.4 (42.7)	24.2/13.8 (79'5"/30)		
24 (78'9")	19.0 (41.8)	13.8 (30.4)			19.1 (42.1)	13.8 (30.4)		
26 (85'4")	18.7 (41.2)	13.8 (30.4)	27.5/8.4 (90'3"/18)		18.8 (41.4)	13.8 (30.4)	28.0/8.4 (91'10"/18)	
28 (91'10")	18.1 (39.9)	13.7 (30.2)	8.3 (18.2)		18.3 (40.3)	13.8 (30.4)	8.3 (18.2)	
30 (98'5")	17.5 (38.5)	13.5 (29.7)	8.1 (17.8)	31.3/4.2 (102'8"/9)	17.7 (39)	13.6 (29.9)	8.2 (18)	31.7/4.2 (104'0"/9)
32 (104'12")	17.0 (37.4)	13.3 (29.3)	8.0 (17.6)	4.2 (9.2)	17.2 (37.9)	13.3 (29.3)	8.0 (17.6)	4.2 (9.2)
34 (111'7")	16.5 (36.3)	13.1 (28.8)	7.8 (17.1)	4.1 (9)	16.7 (36.8)	13.2 (29.1)	7.9 (17.4)	4.1 (9)
36 (118'1")	16.1 (35.4)	12.6 (27.7)	7.7 (16.9)	4.0 (8.8)	16.3 (35.9)	12.8 (28.2)	7.7 (16.9)	4.0 (8.8)
38 (124'8")	15.7 (34.6)	12.2 (26.8)	7.5 (16.5)	3.9 (8.5)	15.9 (35)	12.4 (27.3)	7.5 (16.5)	3.9 (8.5)
40 (131'3")	15.3 (33.7)	11.9 (26.2)	7.3 (16)	3.8 (8.3)	15.5 (34.1)	12.1 (26.6)	7.4 (16.3)	3.8 (8.3)
42 (137'10")	14.9 (32.8)	11.6 (25.5)	7.2 (15.8)	3.7 (8.1)	14.6 (32.1)	11.8 (26)	7.3 (16)	3.7 (8.1)
44 (144'4")	13.8 (30.4)	11.3 (24.9)	7.1 (15.6)	3.6 (7.9)	13.5 (29.7)	11.5 (25.3)	7.2 (15.8)	3.7 (8.1)
46 (150'11")	12.6 (27.7)	11.1 (24.4)	7.0 (15.4)	3.5 (7.7)	12.4 (27.3)	11.2 (24.6)	7.1 (15.6)	3.6 (7.9)
48 (157'6")	11.7 (25.7)	10.8 (23.8)	6.9 (15.2)	3.5 (7.7)	11.5 (25.3)	11.0 (24.2)	7.0 (15.4)	3.5 (7.7)
50 (164'0")	10.9 (24)	10.6 (23.3)	6.8 (14.9)	3.4 (7.4)	10.6 (23.3)	10.8 (23.8)	6.9 (15.2)	3.4 (7.4)
52 (170'7")	10.1 (22.2)	10.4 (22.9)	6.7 (14.7)	3.3 (7.2)	9.8 (21.6)	10.6 (23.3)	6.8 (14.9)	3.4 (7.4)
54 (177'2")	9.4 (20.7)	10.2 (22.4)	6.6 (14.5)	3.3 (7.2)	9.1 (20)	10.0 (22)	6.7 (14.7)	3.3 (7.2)
56 (183'9")	8.7 (19.1)	9.5 (20.9)	6.6 (14.5)	3.2 (7)	8.5 (18.7)	9.3 (20.5)	6.6 (14.5)	3.3 (7.2)
58 (190'3")	8.1 (17.8)	8.9 (19.6)	6.5 (14.3)	3.2 (7)	7.8 (17.1)	8.6 (18.9)	6.5 (14.3)	3.2 (7)
60 (196'10")	7.4 (16.3)	8.3 (18.2)	6.4 (14.1)	3.1 (6.8)	7.2 (15.8)	8.0 (17.6)	6.5 (14.3)	3.1 (6.8)
62 (203'5")	6.9 (15.2)	7.7 (16.9)	6.4 (14.1)	3.1 (6.8)	6.6 (14.5)	7.4 (16.3)	6.4 (14.1)	3.1 (6.8)
64 (209'12")	6.4 (14.1)	7.1 (15.6)	6.3 (13.8)	3.0 (6.6)	6.1 (13.4)	6.9 (15.2)	6.3 (13.8)	3.0 (6.6)
66 (216'6")	5.9 (13)	6.6 (14.5)	6.2 (13.6)	3.0 (6.6)	5.7 (12.5)	6.4 (14.1)	6.3 (13.8)	3.0 (6.6)
68 (223'1")	5.5 (12.1)	6.1 (13.4)	6.2 (13.6)	2.9 (6.3)	5.2 (11.4)	5.9 (13)	6.2 (13.6)	3.0 (6.6)
70 (229'8")	69.5/5.2 (228'0"/11)	5.7 (12.5)	6.2 (13.6)	2.9 (6.3)	4.8 (10.5)	5.5 (12.1)	6.0 (13.2)	2.9 (6.3)
72 (236'3")		5.3 (11.6)	5.8(12.7)	2.9 (6.3)	4.4 (9.7)	5.1 (11.2)	5.6 (12.3)	2.9 (6.3)
74 (242'9")		4.9 (10.8)	5.4 (11.9)	2.8 (6.1)	72.2/4.3 (236'10"/9)	4.7 (10.3)	5.2 (11.4)	2.9 (6.3)
76 (249'4")		75.9/4.6 (249'0"/10)	5.0 (11)	2.8 (6.1)		4.3 (9.4)	4.8 (10.5)	2.8 (6.1)
78 (255'11)			4.7 (10.3)	2.8 (6.1)		4.0 (8.8)	4.4 (9.7)	2.8 (6.1)
80 (262'6")			4.3 (9.4)	2.8 (6.1)		78.6/3.9 (257'10"/8)	4.1 (9)	2.8 (6.1)
82 (269'0")			82.0/4.0 (269'0"/8)	2.8(6.1)			3.8 (8.3)	2.8 (6.1)
84 (275'7")				2.8 (6.1)			3.5 (7.7)	2.8 (6.1)
86 (282'2")				2.8(6.1)			84.7/3.4 (277'11"/7)	2.8 (6.1)
88 (288'9")				2.8(6.1)				2.8 (6.1)
90 (295'3")				88.1/2.8 (289'0"/6)				2.8 (6.1)
92 (301'10")								90.8/2.8 (297'11"/6)

Jib Hook for "FJ" Operating Configuration



Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 30° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

70.5 (231'4")

73.5 (241'2")

Jib length: m (ft & in.)	70.5 (231'4")				73.5 (241'2")			
	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Radius: m (ft & in.)								
20 (65'7")	20.9/19.7 (68'7"/43)				21.4/19.7 (70'3"/43)			
22 (72'2")	19.5 (42.9)				19.5 (42.9)			
24 (78'9")	19.2 (42.3)	24.7/13.8 (81'0"/30)			19.2 (42.3)	25.1/13.8 (82'4"/30)		
26 (85'4")	18.9 (41.6)	13.8 (30.4)			19.0 (41.8)	13.8 (30.4)		
28 (91'10")	18.5 (40.7)	13.8 (30.4)	28.4/8.4 (93'2"/18)		18.7 (41.2)	13.8 (30.4)	28.9/8.4 (94'10"/18)	
30 (98'5")	18.0 (39.6)	13.6 (29.9)	8.2 (18)	32.2/4.2 (105'8"/9)	18.2 (40.1)	13.7 (30.2)	8.2 (18)	
32 (104'12")	17.4 (38.3)	13.4 (29.5)	8.1 (17.8)	4.2 (9.2)	17.6 (38.8)	13.5 (29.7)	8.1 (17.8)	32.7/4.2 (107'3"/9)
34 (111'7")	16.9 (37.2)	13.2 (29.1)	7.9 (17.4)	4.1 (9)	17.1 (37.6)	13.3 (29.3)	8.0 (17.6)	4.1 (9)
36 (118'1")	16.5 (36.3)	13.0 (28.6)	7.6 (16.7)	4.0 (8.8)	16.7 (36.8)	13.1 (28.8)	7.8 (17.1)	4.0 (8.8)
38 (124'8")	16.1 (35.4)	12.6 (27.7)	7.5 (16.5)	3.9 (8.5)	16.3 (35.9)	12.8 (28.2)	7.7 (16.9)	4.0 (8.8)
40 (131'3")	15.6 (34.3)	12.2 (26.8)	7.4 (16.3)	3.8 (8.3)	15.4 (33.9)	12.4 (27.3)	7.5 (16.5)	3.9 (8.5)
42 (137'10")	14.3 (31.5)	11.9 (26.2)	7.3 (16)	3.8 (8.3)	14.2 (31.3)	12.1 (26.6)	7.4 (16.3)	3.8 (8.3)
44 (144'4")	13.2 (29.1)	11.6 (25.5)	7.2 (15.8)	3.7 (8.1)	13.1 (28.8)	11.8 (26)	7.3 (16)	3.7 (8.1)
46 (150'11")	12.1 (26.6)	11.4 (25.1)	7.1 (15.6)	3.6 (7.9)	11.9 (26.2)	11.5 (25.3)	7.2 (15.8)	3.6 (7.9)
48 (157'6")	11.2 (24.6)	11.1 (24.4)	7.0 (15.4)	3.5 (7.7)	11.0 (24.2)	11.3 (24.9)	7.1 (15.6)	3.6 (7.9)
50 (164'0")	10.3 (22.7)	10.9 (24)	6.9 (15.2)	3.5 (7.7)	10.2 (22.4)	11.1 (24.4)	7.0 (15.4)	3.5 (7.7)
52 (170'7")	9.5 (20.9)	10.4 (22.9)	6.8 (14.9)	3.4 (7.4)	9.4 (20.7)	10.3 (22.7)	6.9 (15.2)	3.4 (7.4)
54 (177'2")	8.8 (19.4)	9.7 (21.3)	6.7 (14.7)	3.3 (7.2)	8.7 (19.1)	9.5 (20.9)	6.8 (14.9)	3.4 (7.4)
56 (183'9")	8.1 (17.8)	9.0 (19.8)	6.7 (14.7)	3.3 (7.2)	8.0 (17.6)	8.8 (19.4)	6.7 (14.7)	3.3 (7.2)
58 (190'3")	7.4 (16.3)	8.4 (18.5)	6.6 (14.5)	3.2 (7)	7.3 (16)	8.2 (18)	6.6 (14.5)	3.3 (7.2)
60 (196'10")	6.8 (14.9)	7.8 (17.1)	6.5 (14.3)	3.2 (7)	6.7 (14.7)	7.5 (16.5)	6.6 (14.5)	3.2 (7)
62 (203'5")	6.3 (13.8)	7.1 (15.6)	6.4 (14.1)	3.1 (6.8)	6.2 (13.6)	7.0 (15.4)	6.5 (14.3)	3.2 (7)
64 (209'12")	5.8 (12.7)	6.6 (14.5)	6.4 (14.1)	3.1 (6.8)	5.7 (12.5)	6.4 (14.1)	6.4 (14.1)	3.1 (6.8)
66 (216'6")	5.4 (11.9)	6.1 (13.4)	6.3 (13.8)	3.0 (6.6)	5.2 (11.4)	5.9 (13)	6.4 (14.1)	3.1 (6.8)
68 (223'1")	4.9 (10.8)	5.6 (12.3)	6.2 (13.6)	3.0 (6.6)	4.8 (10.5)	5.5 (12.1)	6.0 (13.2)	3.0 (6.6)
70 (229'8")	4.5 (9.9)	5.2 (11.4)	5.7 (12.5)	3.0 (6.6)	4.3 (9.4)	5.1 (11.2)	5.6 (12.3)	3.0 (6.6)
72 (236'3")	4.1 (9)	4.8 (10.5)	5.3 (11.6)	2.9 (6.3)	3.9 (8.5)	4.6 (10.1)	5.2 (11.4)	2.9 (6.3)
74 (242'9")	3.8 (8.3)	4.4 (9.7)	4.9 (10.8)	2.9 (6.3)	3.5 (7.7)	4.3 (9.4)	4.8 (10.5)	2.9 (6.3)
76 (249'4")	74.8/3.6 (245'5"/7)	4.0 (8.8)	4.5 (9.9)	2.9 (6.3)	3.2 (7)	3.9 (8.5)	4.4 (9.7)	2.9 (6.3)
78 (255'11")		3.7 (8.1)	4.2 (9.2)	2.8 (6.1)	77.4/3.0 (253'11"/6)	3.5 (7.7)	4.0 (8.8)	2.9 (6.3)
80 (262'6")		3.4 (7.4)	3.8 (8.3)	2.8 (6.1)		3.2 (7)	3.7 (8.1)	2.8 (6.1)
82 (269'0")		81.2/3.2 (266'5"/7)	3.5 (7.7)	2.8 (6.1)		2.9 (6.3)	3.4 (7.4)	2.8 (6.1)
84 (275'7")			3.2 (7)	2.8 (6.1)		83.8/2.6 (274'11"/5)	3.1 (6.8)	2.8 (6.1)
86 (282'2")			2.9 (6.3)	2.8 (6.1)			2.8 (6.1)	2.8 (6.1)
88 (288'9")			87.3/2.7 (286'5"/5)	2.8 (6.1)			2.4 (5.2)	2.8 (6.1)
90 (295'3")				2.8 (6.1)			89.9/2.1 (294'11"/4)	2.6 (5.7)
92 (301'10")				2.3 (5)				2.3 (5)
94 (308'5")				93.4/2.2 (306'5"/4)				2.0 (4.4)
96 (314'11")								96.0/1.7 (314'11"/3)

Load Charts

SCC3000US

Jib Hook for "FJ" Operating Configuration

Table includes counterweight  85.2 + 5.8 x 2000 lb (Boom hook not included) Jib offset 30° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

76.5 (250'12")

Jib length: m (ft & in.)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")				
Radius: m (ft & in.)								
20 (65'7")	21.8/19.7 (71'6"/43)							
22 (72'2")	19.6 (43.2)							
24 (78'9")	19.3 (42.5)	25.6/13.8 (83'12"/30)						
26 (85'4")	19.1 (42.1)	13.8 (30.4)						
28 (91'10")	18.8 (41.4)	13.8 (30.4)	29.4/8.3 (96'5"/18)					
30 (98'5")	18.4 (40.5)	13.7 (30.2)	8.3 (18.2)					
32 (104'12")	17.9 (39.4)	13.5 (29.7)	8.1 (17.8)	33.2/4.2 (108'11"/9)				
34 (111'7")	17.3 (38.1)	13.4 (29.5)	8.0 (17.6)	4.2 (9.2)				
36 (118'1")	16.9 (37.2)	13.2 (29.1)	7.9 (17.4)	4.1 (9)				
38 (124'8")	16.5 (36.3)	13.0 (28.6)	7.7 (16.9)	4.0 (8.8)				
40 (131'3")	15.2 (33.5)	12.5 (27.5)	7.5 (16.5)	3.9 (8.5)				
42 (137'10")	13.9 (30.6)	12.2 (26.8)	7.4 (16.3)	3.8 (8.3)				
44 (144'4")	12.8 (28.2)	11.9 (26.2)	7.3 (16)	3.7 (8.1)				
46 (150'11")	11.7 (25.7)	11.7 (25.7)	7.2 (15.8)	3.6 (7.9)				
48 (157'6")	10.7 (23.5)	11.4 (25.1)	7.1 (15.6)	3.5 (7.7)				
50 (164'0")	9.9 (21.8)	10.8 (23.8)	7.0 (15.4)	3.5 (7.7)				
52 (170'7")	9.1 (20)	10.0 (22)	6.9 (15.2)	3.4 (7.4)				
54 (177'2")	8.4 (18.5)	9.3 (20.5)	6.8 (14.9)	3.3 (7.2)				
56 (183'9")	7.7 (16.9)	8.6 (18.9)	6.8 (14.9)	3.3 (7.2)				
58 (190'3")	7.0 (15.4)	7.9 (17.4)	6.7 (14.7)	3.2 (7)				
60 (196'10")	6.4 (14.1)	7.2 (15.8)	6.6 (14.5)	3.2 (7)				
62 (203'5")	5.9 (13)	6.7 (14.7)	6.5 (14.3)	3.1 (6.8)				
64 (209'12")	5.4 (11.9)	6.2 (13.6)	6.5 (14.3)	3.1 (6.8)				
66 (216'6")	4.9 (10.8)	5.7 (12.5)	6.2 (13.6)	3.0 (6.6)				
68 (223'1")	4.4 (9.7)	5.2 (11.4)	5.8 (12.7)	3.0 (6.6)				
70 (229'8")	4.0 (8.8)	4.8 (10.5)	5.3 (11.6)	3.0 (6.6)				
72 (236'3")	3.6 (7.9)	4.4 (9.7)	4.9 (10.8)	3.0 (6.6)				
74 (242'9")	3.3 (7.2)	4.0 (8.8)	4.5 (9.9)	2.9 (6.3)				
76 (249'4")	2.9 (6.3)	3.6 (7.9)	4.1 (9)	2.9 (6.3)				
78 (255'11")	2.6 (5.7)	3.3 (7.2)	3.8 (8.3)	2.9 (6.3)				
80 (262'6")	2.2 (4.8)	2.9 (6.3)	3.4 (7.4)	2.8 (6.1)				
82 (269'0")	80.1/2.2 (262'10"/4)	2.6 (5.7)	3.1 (6.8)	2.8 (6.1)				
84 (275'7")		2.2 (4.8)	2.8 (6.1)	2.8 (6.1)				
86 (282'2")		1.9 (4.1)	2.4 (5.2)	2.8 (6.1)				
88 (288'9")		86.5/1.9 (283'9"/4)	2.1 (4.6)	2.7 (5.9)				
90 (295'3")			1.8 (3.9)	2.3 (5)				
92 (301'10")			1.6 (3.5)	2.0 (4.4)				
94 (308'5")			92.6/1.5 (303'10"/3)	1.7 (3.7)				
96 (314'11")				1.5 (3.3)				
98 (321'6")				1.3 (2.8)				
100 (328'1")				98.7/1.2 (323'10"/2)				

Boom Hook for “LJ” Operating Configuration

- The actual hoisting capacity is the value of the rated hoisting weight listed in the charts minus the weight of the hook blocks, hangers, wire ropes and all the spreaders.
- The rated load in the charts is the value when the crane is hoisting a load on level, stable firm ground and the load is lifted slowly, steadily under a non-travel (stationary) condition. Listed rated load is within 75% of tipping load.

Luffing Jib Operating Condition

Table includes jib tip 6.5 m (21'4”) and jib base 6.5 m (21'4”)

Jib Length: meters (feet & inches)	Jib Inserts: meters (feet & inches)			Boom Length: meters (feet & inches)	Jib Tip Offset Angle
	A	B	C		
	3 m (9'10")	6 m (19'8")	12 (39'4")	D	
22 (72'2")	1	1	—	22.5 - 58.5 (73'10" - 191'11")	63° - 88°
25 (82')	—	—	1	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
31 (101'8")	—	1	1	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
37 (121'5")	—	—	2	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
43 (141'1")	—	1	2	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
52 (170'7")	1	—	3	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
61 (200'2")	2	1	3	22.5 - 52.5 (73'10" - 172'3")	63° - 88°

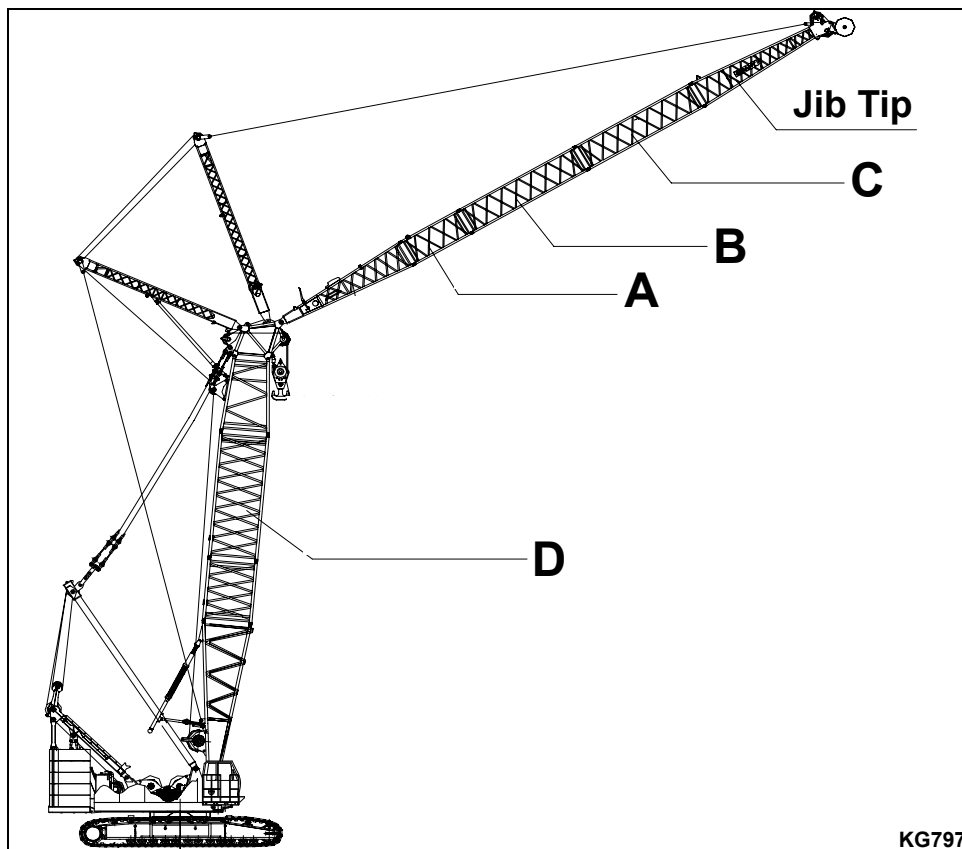


Fig. 8-11

KG797

Load Charts

SCC3000US

Boom Hook for "LJ" Operating Configuration




Table includes counterweight  187.8 + 12.8 x 1000 lb (Jib hook not included) Angle between boom and jib is a 23° angle							
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000							
22.5 (73'10")							
Jib length: m (ft & in.)	22 (72'2")	25 (82'0")	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")	61 (200'2")
Radius: m (ft & in.)							
6.2 (20'4")	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)
7 (22'12")	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)
8 (26'3")	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.4 (201.5)	90.6 (199.7)	82.4 (181.6)
9 (29'6")	91.6 (201.9)	91.6 (201.9)	90.8 (200.1)	88.4 (194.8)	84.5 (186.2)	78.8 (173.7)	71.1 (156.7)
10 (32'10")	87.4 (192.6)	85.4 (188.2)	81.8 (180.3)	78.8 (173.7)	74.5 (164.2)	69.2 (152.5)	61.9 (136.4)
12 (39'4")	66.2 (145.9)	64.7 (142.6)	61.4 (135.3)	58.7 (129.4)	54.7 (120.5)	49.8 (109.7)	43.3 (95.4)
14 (45'11")	50.9 (112.2)	49.3 (108.6)	46.2 (101.8)	43.6 (96.1)	40.0 (88.1)	35.4 (78)	29.3 (64.5)
16 (52'6")	40.7 (89.7)	39.2 (86.4)	36.4 (80.2)	33.9 (74.7)	30.6 (67.4)	26.2 (57.7)	20.5 (45.1)
18 (59'1")	32.9 (72.5)	31.5 (69.4)	28.8 (63.4)	26.5 (58.4)	23.3 (51.3)	19.2 (42.3)	13.9 (30.6)
# of rope	7	7	7	7	7	7	7


Table includes counterweight  187.8 + 12.8 x 1000 lb (Jib hook not included) Angle between boom and jib is a 23° angle							
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000							
25.5 (83'8")							
Jib length: m (ft & in.)	22 (72'2")	25 (82'0")	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")	61 (200'2")
Radius: m (ft & in.)							
7 (22'12")	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)
8 (26'3")	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.4 (201.5)	90.7 (199.9)	83.5 (184)
9 (29'6")	91.6 (201.9)	91.6 (201.9)	90.8 (200.1)	88.6 (195.3)	84.9 (187.1)	79.5 (175.2)	72.1 (158.9)
10 (32'10")	87.3 (192.4)	85.4 (188.2)	81.9 (180.5)	79.1 (174.3)	74.9 (165.1)	69.8 (153.8)	62.9 (138.6)
12 (39'4")	66.6 (146.8)	64.9 (143)	61.7 (136)	59.4 (130.9)	55.3 (121.9)	50.7 (111.7)	44.4 (97.8)
14 (45'11")	51.0 (112.4)	49.4 (108.9)	46.4 (102.2)	44.0 (97)	40.6 (89.5)	36.2 (79.8)	30.4 (67)
16 (52'6")	40.8 (89.9)	39.3 (86.6)	36.5 (80.4)	34.1 (75.1)	30.9 (68.1)	26.9 (59.3)	21.4 (47.1)
18 (59'1")	32.9 (72.5)	31.5 (69.4)	28.9 (63.7)	26.8 (59)	23.6 (52)	19.8 (43.6)	14.6 (32.10)
# of rope	7	7	7	7	7	7	7

Boom Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Jib hook not included) Angle between boom and jib is a 23° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
28.5 (93'6")

Jib length: m (ft & in.)	22 (72'2")	25 (82'0")	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")	61 (200'2")
Radius: m (ft & in.)	22 (72'2")	25 (82'0")	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")	61 (200'2")
8 (26'3")	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.5 (201.7)	90.8 (200.1)	84.2 (185.6)
9 (29'6")	91.6 (201.9)	91.6 (201.9)	90.9 (200.3)	88.8 (195.7)	85.3 (188)	80.1 (176.5)	72.9 (160.7)
10 (32'10")	87.3 (192.4)	85.4 (188.2)	82.0 (180.7)	79.3 (174.8)	75.3 (166)	70.4 (155.2)	63.7 (140.4)
12 (39'4")	66.7 (147)	65.0 (143.2)	61.9 (136.4)	59.5 (131.1)	55.9 (123.2)	51.4 (113.3)	45.3 (99.8)
14 (45'11")	51.0 (112.4)	49.5 (109.1)	46.6 (102.7)	44.3 (97.6)	41.0 (90.3)	36.9 (81.3)	31.3 (69)
16 (52'6")	40.8 (89.9)	39.4 (86.8)	36.7 (80.9)	34.4 (75.8)	31.4 (69.2)	27.5 (60.6)	22.2 (48.9)
18 (59'1")	32.9 (72.5)	31.6 (69.6)	29.0 (63.9)	27.0 (59.5)	24.0 (52.9)	20.3 (44.7)	15.4 (33.9)
20 (65'7")	27.1 (59.7)	25.8 (56.8)	23.3 (51.3)	21.3 (46.9)	18.5 (40.7)	14.9 (32.8)	10.2 (22.4)
22 (72'2")	22.5 (49.6)	21.2 (46.7)	18.9 (41.6)	17.1 (37.6)	14.3 (31.5)	10.9 (24)	0 (0)
# of rope	7	7	7	7	7	7	7

Table includes counterweight  187.8 + 12.8 x 1000 lb (Jib hook not included) Angle between boom and jib is a 23° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
25.5 (83'8")

Jib length: m (ft & in.)	22 (72'2")	25 (82'0")	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")	61 (200'2")
Radius: m (ft & in.)	22 (72'2")	25 (82'0")	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")	61 (200'2")
8 (26'3")	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.5 (201.7)	90.9 (200.3)	84.8 (186.9)
9 (29'6")	91.6 (201.9)	91.6 (201.9)	91.0 (200.6)	88.9 (195.9)	85.5 (188.4)	80.5 (177.4)	73.5 (162)
10 (32'10")	87.2 (192.2)	85.4 (188.2)	82.1 (180.9)	79.4 (175)	75.5 (166.4)	70.8 (156)	64.3 (141.7)
12 (39'4")	66.6 (146.8)	64.9 (143)	61.9 (136.4)	59.6 (131.3)	56.1 (123.6)	51.8 (114.1)	46.0 (101.4)
14 (45'11")	50.9 (112.2)	49.5 (109.1)	46.7 (102.9)	44.4 (97.8)	41.2 (90.8)	37.3 (82.2)	31.8 (70.1)
16 (52'6")	40.6 (89.5)	39.3 (86.6)	36.6 (80.6)	34.5 (76)	31.4 (69.2)	27.8 (61.2)	22.7 (50)
18 (59'1")	32.8 (72.3)	31.5 (69.4)	29.0 (63.9)	27.1 (59.7)	24.1 (53.10)	20.6 (45.4)	15.9 (35)
20 (65'7")	27.0 (59.5)	25.7 (56.6)	23.2 (51.1)	21.3 (46.9)	18.6 (41)	15.3 (33.7)	10.7 (23.5)
22 (72'2")	22.4 (49.3)	21.1 (46.5)	18.8 (41.4)	17.0 (37.4)	14.4 (31.7)	11.1 (24.4)	
24 (78'9")	18.7 (41.2)	17.5 (38.5)	15.3 (33.7)	13.4 (29.5)	11.0 (24.2)	7.8 (17.1)	
# of rope	7	7	7	7	7	7	7

Load Charts

SCC3000US

Boom Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Jib hook not included) Angle between boom and jib is a 23° angle							
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000							
34.5 (113'2")							
Jib length: m (ft & in.)	22 (72'2")	25 (82'0")	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")	61 (200'2")
Radius: m (ft & in.)							
9 (29'6")	91.6 (201.9)	91.6 (201.9)	91.1 (200.8)	89.0 (196.2)	85.7 (188.9)	80.9 (178.3)	74.0 (163.1)
10 (32'10")	87.2 (192.2)	85.4 (188.2)	82.1 (180.9)	79.6 (175.4)	75.8 (167.1)	71.2 (156.9)	64.8 (142.8)
12 (39'4")	66.5 (146.6)	64.9 (143)	61.9 (136.4)	59.7 (131.6)	56.2 (123.9)	52.1 (114.8)	46.5 (102.5)
14 (45'11")	50.9 (112.2)	49.4 (108.9)	46.7 (102.9)	44.5 (98.1)	41.4 (91.2)	37.6 (82.8)	32.3 (71.2)
16 (52'6")	40.5 (89.2)	39.2 (86.4)	37.0 (81.5)	34.6 (76.2)	31.6 (69.6)	28.1 (61.9)	23.1 (50.9)
18 (59'1")	32.6 (71.8)	31.3 (69)	28.9 (63.7)	27.0 (59.5)	24.2 (53.3)	20.8 (45.8)	16.2 (35.7)
20 (65'7")	26.7 (58.8)	25.5 (56.2)	23.1 (50.9)	21.3 (46.9)	18.6 (41)	15.4 (33.9)	10.9 (24)
22 (72'2")	22.1 (48.7)	20.9 (46)	18.6 (41)	16.9 (37.2)	14.3 (31.50)	11.2 (24.6)	
24 (78'9")	18.5 (40.7)	17.3 (38.1)	15.0 (33)	13.4 (29.5)	11.0 (24.2)	8.0 (17.6)	
26 (85'4")	15.4 (33.9)	14.2 (31.3)	12.2 (26.8)	10.5 (23.1)	8.2 (18)		
# of rope	7	7	7	7	7	6	6

Table includes counterweight  187.8 + 12.8 x 1000 lb (Jib hook not included) Angle between boom and jib is a 23° angle							
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000							
37.5 (123'0")							
Jib length: m (ft & in.)	22 (72'2")	25 (82'0")	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")	61 (200'2")
Radius: m (ft & in.)							
10 (32'10")	87.0 (191.8)	85.3 (188)	82.1 (180.9)	79.6 (165.4)	75.9 (167.3)	71.5 (157.6)	65.2 (143.7)
12 (39'4")	66.5 (146.6)	64.9 (143)	62.0 (136.6)	59.8 (131.8)	56.4 (124.3)	52.4 (115.5)	46.9 (103.3)
14 (45'11")	50.8 (111.9)	49.4 (108.9)	46.7 (102.9)	44.6 (98.3)	41.5 (91.4)	37.9 (83.5)	32.7 (72)
16 (52'6")	40.5 (89.2)	39.1 (86.1)	36.6 (80.6)	34.6 (76.2)	31.8 (70.1)	28.4 (62.6)	23.5 (51.8)
18 (59'1")	32.5 (71.6)	31.3 (69)	28.9 (63.7)	27.1 (59.7)	24.3 (53.5)	21.0 (46.2)	16.6 (36.5)
20 (65'7")	26.6 (58.6)	25.4 (55.9)	23.1 (50.9)	21.3 (46.9)	18.7 (41.2)	15.7 (34.6)	11.3 (24.9)
22 (72'2")	22.0 (48.5)	20.8 (45.8)	18.6 (41)	16.9 (37.2)	14.4 (31.7)	11.4 (25.1)	
24 (78'9")	18.3 (40.3)	17.2 (37.9)	14.9 (32.8)	13.3 (29.3)	10.9 (24)	8.1 (17.8)	
26 (85'4")	15.3 (33.7)	14.1 (31)	12.1 (26.6)	10.5 (23.1)	8.2 (18)		
28 (91'10")	12.7 (27.9)	11.6 (25.5)	9.7 (21.3)	8.2 (18)	5.9 (13)		
# of rope	7	7	7	7	7	6	6

Boom Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Jib hook not included) Angle between boom and jib is a 23° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
40.5 (132'10")

Jib length: m (ft & in.)	22 (72'2")	25 (82'0")	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")	61 (200'2")
Radius: m (ft & in.)							
10 (32'10")	86.9 (191.5)	85.1 (187.6)	82.0 (180.7)	79.6 (175.4)	76.0 (167.5)	71.6 (157.8)	65.5 (144.4)
12 (39'4")	66.4 (146.3)	64.7 (142.6)	61.9 (136.4)	59.8 (131.8)	56.5 (124.5)	52.6 (115.9)	47.2 (104)
14 (45'11")	50.6 (111.5)	49.2 (108.4)	46.6 (102.7)	44.6 (98.3)	41.5 (91.4)	38.0 (83.7)	33.0 (72.7)
16 (52'6")	40.3 (88.8)	39.0 (85.9)	36.5 (80.4)	34.6 (76.2)	31.8 (70.1)	28.5 (62.8)	23.8 (52.4)
18 (59'1")	32.4 (71.4)	31.1 (68.5)	28.8 (63.4)	27.1 (59.7)	24.3 (53.5)	21.1 (46.5)	16.8 (37)
20 (65'7")	26.5 (58.4)	25.3 (55.7)	22.9 (50.4)	21.3 (46.9)	18.8 (41.4)	15.8 (34.8)	11.5 (25.3)
22 (72'2")	21.9 (48.2)	20.7 (45.6)	18.5 (40.7)	16.9 (37.2)	14.4 (31.7)	11.5 (25.3)	
24 (78'9")	18.1 (39.9)	17.0 (37.4)	14.9 (32.8)	13.3 (29.3)	10.9 (24)	8.1 (17.8)	
26 (85'4")	15.0 (33)	13.9 (30.6)	11.9 (26.2)	10.4 (22.9)	8.2 (18)		
28 (91'10")	12.5 (27.5)	11.4 (25.1)	9.5 (20.9)	8.0 (17.6)			
30 (98'5")	10.4 (22.9)	9.3 (20.5)	7.4 (16.3)	6.0 (13.2)			
32 (104'12")	8.5 (18.7)	7.5 (16.5)	5.7 (12.5)				
# of rope	7	7	7	6	6	6	6

Table includes counterweight 187.8 + 12.8 x 1000 lb (Jib hook not included) Angle between boom and jib is a 23° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
43.5 (142'9")


Jib length: m (ft & in.)	22 (72'2")	25 (82'0")	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")	61 (200'2")
Radius: m (ft & in.)							
10 (32'10")	86.7 (191.10)	85 (187.3)	81.8 (180.3)	79.5 (175.2)	75.9 (167.3)	71.7 (158)	65.7 (144.8)
12 (39'4")	66.4 (146.3)	64.8 (142.8)	61.9 (136.4)	59.9 (132)	56.7 (125)	52.8 (116.4)	47.5 (104.7)
14 (45'11")	50.7 (111.7)	49.3 (108.6)	46.6 (102.7)	44.7 (98.5)	41.7 (91.9)	38.3 (84.4)	33.3 (73.4)
16 (52'6")	40.3 (88.8)	39.0 (85.9)	36.5 (80.4)	34.7 (76.4)	31.9 (70.3)	28.7 (63.2)	24.1 (53.1)
18 (59'1")	32.3 (71.2)	31.0 (68.3)	28.7 (63.2)	27.1 (59.7)	24.6 (54.2)	21.3 (46.9)	17.1 (37.6)
20 (65'7")	26.4 (58.2)	25.2 (55.5)	22.9 (50.4)	21.4 (47.1)	18.9 (41.6)	16.0 (35.2)	11.8 (26)
22 (72'2")	21.8 (48)	20.6 (45.4)	18.4 (40.5)	16.9 (37.2)	14.4 (31.7)	11.7 (25.7)	
24 (78'9")	18.0 (39.6)	16.9 (37.2)	14.7 (32.4)	13.2 (29.1)	10.9 (24)	8.2 (18)	
26 (85'4")	14.9 (32.8)	13.8 (30.4)	11.8 (26)	10.4 (22.9)	8.2 (18)		
28 (91'10")	12.3 (27.1)	11.3 (24.9)	9.5 (20.9)	8.0 (17.6)			
30 (98'5")	10.2 (22.4)	9.2 (20.2)	7.3 (16)	5.9 (13)			
32 (104'12")	8.3 (18.2)	7.3 (16)	5.5 (12.1)				
# of rope	7	7	7	6	6	6	5

Load Charts

SCC3000US

Boom Hook for "LJ" Operating Configuration




Table includes counterweight  187.8 + 12.8 x 1000 lb (Jib hook not included) Angle between boom and jib is a 23° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

46.5 (152'7")

Jib length: m (ft & in.)	22 (72'2")	25 (82'0")	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")	61 (200'2")
Radius: m (ft & in.)							
12 (39'4")	66.2 (145.9)	64.7 (142.6)	62.5 (137.7)	59.9 (132)	56.7 (125)	53.0 (116.8)	47.8 (105.3)
14 (45'11")	50.5 (111.3)	49.1 (108.2)	47.1 (103.3)	44.6 (98.30)	41.7 (91.9)	38.4 (84.6)	33.5 (73.8)
16 (52'6")	40.2 (88.6)	38.9 (85.7)	37.0 (81.5)	34.6 (76.2)	31.9 (70.3)	28.9 (63.7)	24.3 (53.5)
18 (59'1")	32.2 (70.9)	31.0 (68.3)	29.2 (64.3)	27.1 (59.7)	24.5 (54)	21.5 (47.3)	17.3 (38.1)
20 (65'7")	26.3 (57.9)	25.0 (55.1)	23.3 (51.3)	21.3 (46.9)	18.7 (41.2)	16.1 (35.4)	12.0 (26.4)
22 (72'2")	21.6 (47.6)	20.5 (45.1)	18.8 (41.4)	16.9 (37.2)	14.4 (31.7)	11.7 (25.7)	
24 (78'9")	17.9 (39.4)	16.8 (37)	15.0 (33)	13.2 (29.1)	10.9 (24)	8.4 (18.5)	
26 (85'4")	14.7 (32.4)	13.6 (29.9)	12.1 (26.6)	10.3 (22.7)	8.1 (17.8)		
28 (91'10")	12.1 (26.6)	11.1 (24.4)	9.6 (21.1)	7.9 (17.4)			
30 (98'5")	10.0 (22)	9.0 (19.8)	7.5 (16.5)	5.8 (12.7)			
32 (104'12")	8.1 (17.8)	7.1 (15.6)	5.6 (12.3)	0 (0)			
34 (111'7")	6.6 (14.5)						
# of rope	5	5	5	5	5	4	4

Table includes counterweight  187.8 + 12.8 x 1000 lb (Jib hook not included) Angle between boom and jib is a 23° angle


Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

49.5 (162'5")

Jib length: m (ft & in.)	22 (72'2")	25 (82'0")	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")	61 (200'2")
Radius: m (ft & in.)							
12 (39'4")	66.1 (145.7)	65.0 (143.2)	62.3 (137.3)	59.8 (131.8)	56.7 (125)	53.0 (116.8)	47.8 (105.3)
14 (45'11")	50.3 (110.8)	49.4 (108.9)	46.9 (103.3)	44.5 (98.1)	41.6 (91.7)	38.4 (84.6)	33.5 (73.8)
16 (52'6")	39.9 (87.9)	39.1 (86.1)	36.8 (81.1)	34.5 (76)	31.8 (70.1)	28.8 (63.4)	24.3 (53.5)
18 (59'1")	32.0 (70.5)	31.2 (68.7)	29.0 (63.9)	27.0 (59.5)	24.4 (53.7)	21.5 (47.3)	17.3 (38.1)
20 (65'7")	26.0 (57.3)	25.3 (55.7)	23.1 (50.9)	21.2 (46.7)	18.8 (41.4)	16.1 (35.4)	12.0 (26.4)
22 (72'2")	21.4 (47.1)	20.6 (45.4)	18.6 (41)	16.7 (36.8)	14.2 (31.3)	11.7 (25.7)	
24 (78'9")	17.6 (38.8)	16.9 (37.2)	14.8 (32.6)	13.0 (28.6)	10.7 (23.5)	8.2 (18)	
26 (85'4")	14.5 (31.9)	13.8 (30.4)	11.9 (26.2)	10.1 (22.2)	8.0 (17.6)		
28 (91'10")	11.9 (26.2)	11.2 (24.6)	9.4 (20.7)	7.7 (16.9)			
30 (98'5")	9.8 (21.6)	9.1 (20)	7.3 (16)	5.6 (12.3)			
32 (104'12")	7.9 (17.4)	7.1 (15.6)	5.4 (11.9)				
34 (111'7")	6.3 (13.8)						
# of rope	5	5	5	5	5	4	4

Boom Hook for "LJ" Operating Configuration




Table includes counterweight  187.8 + 12.8 x 1000 lb (Jib hook not included) Angle between boom and jib is a 23° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

52.5 (172'3")

Jib length: m (ft & in.)	22 (72'2")	25 (82'0")	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")	61 (200'2")
Radius: m (ft & in.)							
12 (39'4")	66.4 (146.3)	64.9 (143)	62.3 (137.3)	60.0 (132.2)	57.5 (126.7)	53.0 (116.8)	48.0 (105.8)
14 (45'11")	50.6 (111.5)	49.3 (108.6)	46.9 (103.3)	44.4 (97.8)	42.4 (93.4)	38.4 (84.6)	33.7 (74.2)
16 (52'6")	40.2 (88.6)	39.0 (85.9)	36.7 (80.9)	34.5 (76)	32.6 (71.8)	28.8 (63.4)	34.4 (53.7)
18 (59'1")	32.2 (70.9)	31.0 (68.3)	28.9 (63.7)	26.9 (59.3)	26.1 (57.5)	21.5 (47.3)	17.4 (38.3)
20 (65'7")	26.2 (57.7)	26.1 (57.5)	23.0 (50.7)	21.1 (46.5)	19.4 (42.7)	16.0 (35.2)	12.0 (26.4)
22 (72'2")	21.6 (47.6)	20.5 (45.1)	18.5 (40.7)	16.6 (36.5)	14.9 (32.8)	11.8 (26)	8.0 (17.6)
24 (78'9")	17.8 (39.2)	16.8 (37)	14.8 (32.6)	13.0 (28.6)	11.5 (25.3)	8.3 (18.2)	
26 (85'4")	14.6 (32.1)	13.6 (29.9)	11.7 (25.7)	10.0 (22)	8.4 (18.5)		
28 (91'10")	12.0 (26.4)	11.0 (24.2)	9.2 (20.2)	7.5 (16.5)	6.0 (13.2)		
30 (98'5")	9.8 (21.6)	8.9 (19.6)	7.1 (15.6)	5.4 (11.9)			
32 (104'12")	7.9 (17.4)	6.9 (15.2)	5.2 (11.4)				
34 (111'7")	6.3 (13.8)						
# of rope	5	5	5	5	5	4	4

Table includes counterweight  187.8 + 12.8 x 1000 lb (Jib hook not included) Angle between boom and jib is a 23° angle

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

55.5 (182'1")

Jib length: m (ft & in.)	22 (72'2")	25 (82'0")	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")	
Radius: m (ft & in.)							
14 (45'11")	50.7 (111.7)	49.4 (108.9)	47.0 (103.6)	44.6 (98.3)	42.6 (93.9)	38.7 (85.3)	
16 (52'6")	40.3 (88.8)	39.0 (85.9)	36.8 (81.1)	34.5 (76)	32.7 (72)	29.1 (64.1)	
18 (59'1")	32.2 (70.9)	32.0 (70.5)	28.9 (63.7)	26.9 (59.3)	25.1 (55.3)	21.7 (47.80)	
20 (65'7")	26.2 (57.7)	25.0 (55.1)	23.0 (50.7)	21.1 (46.5)	19.4 (42.7)	16.2 (35.7)	
22 (72'2")	21.5 (47.3)	20.4 (44.9)	18.5 (40.7)	16.7 (36.8)	15.0 (33)	11.8 (26)	
24 (78'9")	17.8 (39.2)	16.7 (36.8)	14.7 (32.4)	12.9 (28.4)	11.4 (25.1)	8.4 (18.5)	
26 (85'4")	14.6 (32.1)	13.6 (29.9)	11.7 (25.7)	10.0 (22)	8.5 (18.7)		
28 (91'10")	12.0 (26.4)	11.0 (24.2)	9.2 (20.2)	7.6 (16.7)	6.1 (13.4)		
30 (98'5")	9.8 (21.6)	8.8 (19.4)	7.1 (15.6)	5.5 (12.1)			
32 (104'12")	7.9 (17.4)	6.9 (15.2)	5.2 (11.4)				
34 (111'7")	6.3 (13.8)						
# of rope	4	4	4	4	4	3	

Load Charts

SCC3000US

Boom Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Jib hook not included) Angle between boom and jib is a 23° angle							
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000							
58.5 (191'11")							
Jib length: m (ft & in.)	22 (72'2")	25 (82'0")	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")	
Radius: m (ft & in.)							
14 (45'11")	50.7 (111.7)	49.4 (108.9)	47.0 (103.6)	45.4 (100.3)	42.7 (94.1)	38.8 (85.5)	
16 (52'6")	40.3 (88.8)	39.1 (86.1)	36.8 (81.1)	35.4 (78)	32.8 (72.3)	29.2 (64.3)	
18 (59'1")	32.2 (70.9)	31.1 (68.5)	28.9 (63.7)	27.6 (60.8)	25.3 (55.7)	21.8 (48)	
20 (65'7")	26.2 (57.7)	25.0 (55.1)	23.1 (50.9)	21.8 (48)	19.6 (43.2)	16.3 (35.9)	
22 (72'2")	21.5 (47.3)	20.5 (45.1)	18.6 (41)	17.3 (38.1)	15.2 (33.5)	11.9 (26.2)	
24 (78'9")	17.8 (39.2)	16.8 (37)	14.8 (32.6)	13.6 (29.9)	11.5 (25.3)	8.6 (18.9)	
26 (85'4")	14.5 (31.9)	13.5 (29.7)	11.7 (25.7)	10.5 (23.1)	8.5 (18.7)		
28 (91'10")	11.9 (26.2)	11.0 (24.2)	9.2 (20.2)	8.1 (17.8)	6.1 (13.4)		
30 (98'5")	9.7 (21.3)	8.7 (19.1)	7.0 (15.4)	6.0 (13.2)			
32 (104'12")	7.9 (17.4)	6.9 (15.2)	5.2 (11.4)				
34 (111'7")	6.2 (13.6)						
# of rope	4	4	4	4	4	3	

Table includes counterweight  187.8 + 12.8 x 1000 lb (Jib hook not included) Angle between boom and jib is a 23° angle							
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000							
61.5 (201'9")							
Jib length: m (ft & in.)	31 (101'8")	37 (121'5")	43 (141'1")	52 (170'7")			
Radius: m (ft & in.)							
14 (45'11")	46.7 (102.9)	45.1 (99.4)	42.5 (93.6)	38.6 (85)			
16 (52'6")	36.6 (80.6)	35.1 (77.3)	32.6 (71.8)	29.0 (63.9)			
18 (59'1")	28.7 (63.20)	27.5 (60.6)	25.0 (55.1)	21.6 (47.6)			
20 (65'7")	22.8 (50.2)	21.6 (47.6)	19.4 (42.7)	16.2 (35.7)			
22 (72'2")	18.3 (40.3)	17.1 (37.6)	14.8 (32.6)	11.8 (26)			
24 (78'9")	14.5 (31.9)	13.4 (29.5)	11.3 (24.9)	8.3 (18.2)			
26 (85'4")	11.5 (25.3)	10.3 (22.7)	8.4 (18.5)				
28 (91'10")	8.9 (19.6)	7.8 (17.1)					
30 (98'5")	6.8 (14.9)	5.7 (12.5)					
32 (104'12")	4.8 (10.5)						
# of rope	4	4	4	3			

Jib Hook for “LJ” Operating Configuration

- The actual hoisting capacity is the value of the rated hoisting weight listed in the charts minus the weight of the hook blocks, hangers, wire ropes and all the spreaders.
- The rated load in the charts is the value when the crane is hoisting a load on level, stable firm ground and the load is lifted slowly, steadily under a non-travel (stationary) condition. Listed rated load is within 75% of tipping load.

Luffing Jib Operating Condition

Table includes jib tip 6.5 m (21'4”) and jib base 6.5 m (21'4”)

Jib Length: meters (feet & inches)	Jib Inserts: meters (feet & inches)			Boom Length: meters (feet & inches)	Jib Tip Offset Angle
	A	B	C		
	3 m (9'10")	6 m (19'8")	12 (39'4")	D	
22 (72'2")	1	1	—	22.5 - 58.5 (73'10" - 191'11")	63° - 88°
25 (82')	—	—	1	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
31 (101'8")	—	1	1	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
37 (121'5")	—	—	2	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
43 (141'1")	—	1	2	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
52 (170'7")	1	—	3	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
61 (200'2")	2	1	3	22.5 - 52.5 (73'10" - 172'3")	63° - 88°

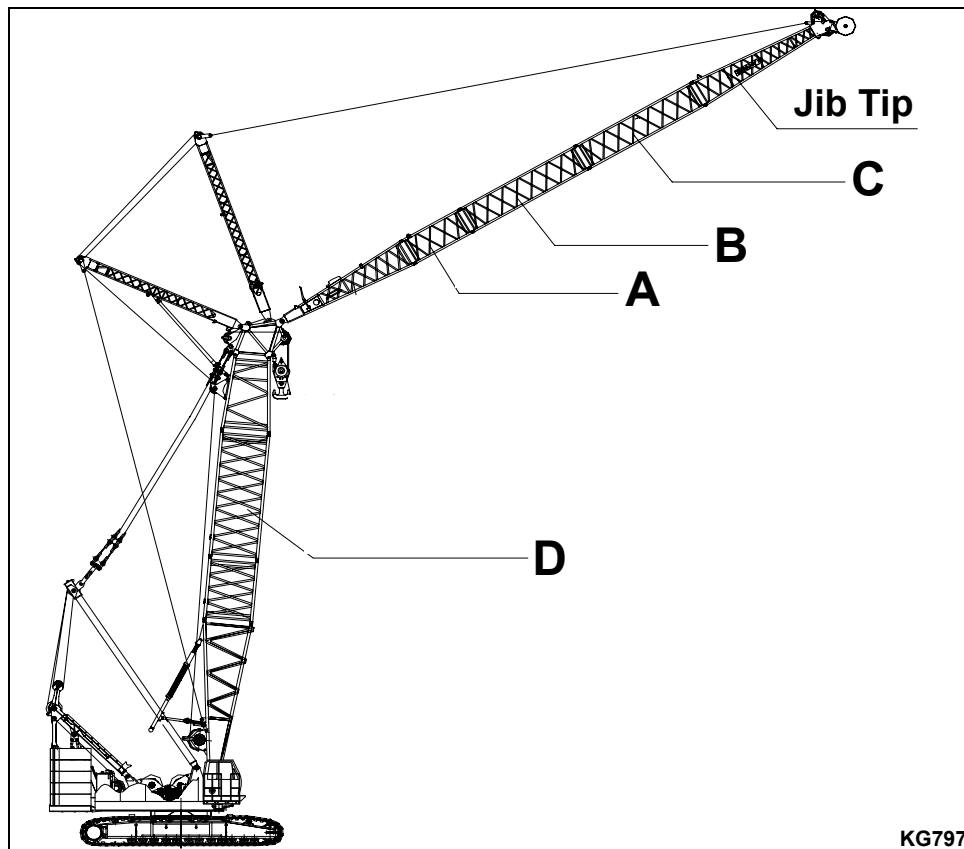


Fig. 8-12

Load Charts

SCC3000US

Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 22.5 (73'10")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
9.8 (32'2")	71.4 (157.4)											
10 (32'10")	70.7 (155.8)											
12 (39'4")	63.2 (139.3)						62.6 (138)					
14 (45'11")	55.9 (123.2)	60.4 (133.1)					56.2 (123.8)					
16 (52'6")	47.6 (104.9)	54.9 (121)					48.5 (106.9)	54.9 (121)				
18 (59'1")	40.1 (88.4)	47.4 (104.4)	48.3 (106.4)				40.8 (89.9)	48.2 (106.2)	48.3 (106.4)			
20 (65'7")	34.5 (76)	40.1 (88.4)	42.4 (93.4)				35.1 (77.3)	40.7 (89.7)	42.3 (93.2)			
22 (72'2")	29.7 (65.4)	34.5 (76)	37.5 (82.6)	36.7 (80.9)			30.6 (67.4)	35.1 (77.3)	37.5 (82.6)	36.6 (80.6)		
24 (78'9")		30.0 (66.1)	33.7 (74.2)	32.8 (72.3)	32.1 (70.7)		27.0 (59.5)	30.6 (67.4)	33.7 (74.2)	32.8 (72.3)		
26 (85'4")			30.0 (66.1)	29.9 (65.9)	29.0 (63.9)			27.0 (59.5)	30.4 (67)	29.7 (65.4)	29.0 (63.9)	
28 (91'10")				27.1 (59.7)	26.4 (58.2)	25.8 (56.8)		23.4 (51.5)	27.0 (59.5)	27.0 (59.5)	26.3 (57.9)	
30 (98'5")					24.3 (53.5)	23.7 (52.2)			24.1 (53.1)	24.8 (54.6)	24.2 (53.3)	23.6 (52)
32 (104'12")						21.8 (48)				23.0 (50.7)	22.3 (49.1)	21.7 (47.8)
34 (111'7")											20.7 (45.6)	20.2 (44.5)
36 (118'1")												18.8 (41.4)
38 (124'8")												
40 (131'3")												
42 (137'10")												
44 (144'4")												
46 (150'11")												
48 (157'6")												

Jib Hook for "LJ" Operating Configuration 


Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)												
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000												
22.5 (73'10")												
Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
9.8 (32'2")												
10 (32'10")												
12 (39'4")	62.6 (138)											
14 (45'11")	56.2 (123.8)						41.3 (91)					
16 (52'6")	48.8 (107.5)						41.0 (90.3)					
18 (59'1")	41.1 (90.6)	48.3 (106.4)					37.9 (83.5)					
20 (65'7")	35.4 (78)	41.5 (91.4)					35.3 (77.8)	37.8 (83.3)				
22 (72'2")	30.9 (68.1)	35.7 (78.7)	37.2 (82)				31.8 (70.1)	35.3 (77.8)				
24 (78'9")	27.3 (60.1)	31.2 (68.7)	33.4 (73.6)				28.2 (62.1)	31.8 (70.1)	33.4 (73.6)			
26 (85'4")	24.4 (53.7)	27.6 (60.8)	30.2 (66.5)	29.5 (65)			25.1 (55.3)	28.2 (62.1)	30.2 (66.5)			
28 (91'10")	21.9 (48.2)	24.7 (54.4)	27.3 (60.1)	26.8 (59)			22.6 (49.8)	25.1 (55.3)	27.5 (60.6)	26.8 (59)		
30 (98'5")	19.9 (43.8)	22.2 (48.9)	24.4 (53.7)	24.7 (54.4)	23.9 (52.6)		20.5 (45.1)	22.6 (49.8)	25.1 (55.3)	24.6 (54.2)		
32 (104'12")	16.7 (36.8)	20.1 (44.3)	21.9 (48.2)	22.7 (50)	22.0 (48.5)		18.7 (41.2)	20.5 (45.1)	22.6 (49.8)	22.6 (49.8)		
34 (111'7")		17.6 (38.8)	19.9 (43.8)	21.1 (46.5)	20.4 (44.9)	20.0 (44)	17.0 (37.4)	18.7 (41.2)	20.5 (45.1)	21.0 (46.2)	20.4 (44.9)	
36 (118'1")			18.1 (39.9)	19.6 (43.2)	19.0 (41.8)	18.6 (41)	15.6 (34.3)	17.1 (37.6)	18.7 (41.2)	19.5 (42.9)	19.0 (41.8)	
38 (124'8")				18.3 (40.3)	17.7 (39)	17.3 (38.1)	13.4 (29.5)	15.7 (34.6)	17.1 (37.6)	18.3 (40.3)	17.7 (39)	17.2 (37.9)
40 (131'3")					16.6 (36.5)	16.2 (35.7)		14.0 (30.8)	15.7 (34.6)	17.1 (37.6)	16.6 (36.5)	16.1 (35.4)
42 (137'10")									14.5 (31.9)	15.7 (34.6)	15.6 (34.3)	15.2 (33.5)
44 (144'4")										14.5 (31.9)	14.7 (32.4)	14.3 (31.5)
46 (150'11")											13.9 (30.6)	13.5 (29.7)


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Jib Hook for "LJ" Operating Configuration




Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

22.5 (73'10")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
16 (52'6")	30.2 (66.5)											
18 (59'1")	28.3 (62.3)						18.1 (39.9)					
20 (65'7")	26.1 (57.5)						16.6 (36.5)					
22 (72'2")	24.3 (53.5)	25.1 (55.3)					15.4 (33.9)					
24 (78'9")	22.6 (49.8)	23.5 (51.8)					14.4 (31.7)	15.4 (33.9)				
26 (85'4")	21.3 (46.9)	21.9 (48.2)	24.2 (53.3)				13.4 (29.5)	14.3 (31.5)				
28 (91'10")	20.0 (44)	20.6 (45.4)	22.6 (49.8)				12.5 (27.5)	13.4 (29.5)				
30 (98'5")	18.9 (41.6)	19.5 (42.9)	21.2 (46.7)				11.7 (25.7)	12.5 (27.5)	13.4 (29.5)			
32 (104'12")	17.9 (39.4)	18.5 (40.7)	20.0 (44)	20.6 (45.4)			11.0 (24.2)	11.7 (25.7)	12.4 (27.3)			
34 (111'7")	16.9 (37.2)	17.4 (38.3)	19.0 (41.8)	19.5 (42.9)			10.4 (22.9)	11.0 (24.2)	11.7 (25.7)			
36 (118'1")	15.6 (34.3)	16.6 (36.5)	18.0 (39.6)	18.4 (40.5)	18.7 (41.2)		9.8 (21.6)	10.4 (22.9)	11.0 (24.2)	11.7 (25.7)		
38 (124'8")	14.4 (31.7)	15.8 (34.8)	17.0 (37.4)	17.4 (38.3)	17.4 (38.3)		9.3 (20.5)	9.8 (21.6)	10.4 (22.9)	11.0 (24.2)		
40 (131'3")	13.3 (29.3)	14.7 (32.4)	15.6 (34.3)	16.6 (36.5)	16.3 (35.9)		8.8 (19.4)	9.3 (20.5)	9.8 (21.6)	10.4 (22.9)		
42 (137'10")	12.1 (26.6)	13.6 (29.9)	14.4 (31.7)	15.9 (35)	15.3 (33.7)	15.0 (33)	8.3 (18.2)	8.8 (19.4)	9.3 (20.5)	9.8 (21.6)	10.3 (22.7)	
44 (144'4")	10.5 (23.1)	12.5 (27.5)	13.4 (29.5)	14.7 (32.4)	14.4 (31.7)	14.1 (31)	7.9 (17.4)	8.4 (18.5)	8.8 (19.4)	9.3 (20.5)	9.8 (21.6)	
46 (150'11")		11.2 (24.6)	12.3 (27.1)	13.7 (30.2)	13.6 (29.9)	13.3 (29.3)	7.2 (15.8)	8.0 (17.6)	8.4 (18.5)	8.8 (19.4)	9.3 (20.5)	
48 (157'6")			11.5 (25.3)	12.6 (27.7)	12.9 (28.4)	12.5 (27.5)	7.1 (15.6)	7.5 (16.5)	8.0 (17.6)	8.4 (18.5)	8.8 (19.4)	9.2 (20.2)
50 (164'0")				11.7 (25.7)	12.2 (26.8)	11.9 (26.2)	6.8 (14.9)	7.1 (15.6)	7.5 (16.5)	8.0 (17.6)	8.4 (18.5)	8.8 (19.4)
52 (170'7")						11.3 (24.9)	6.5 (14.3)	6.8 (14.9)	7.2 (15.8)	7.5 (16.5)	8.0 (17.6)	8.4 (18.5)
54 (177'2")								6.6 (14.5)	6.9 (15.2)	7.2 (15.8)	7.5 (16.5)	8.0 (17.6)
56 (183'9")									6.6 (14.5)	6.9 (15.2)	7.2 (15.8)	7.5 (16.5)
58 (190'3")										6.6 (14.5)	6.9 (15.2)	7.2 (15.8)
60 (196'10")											6.6 (14.5)	6.9 (15.2)
62 (203'5")												6.7 (14.7)

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 22.5 (73'10")

Jib length: m (ft & in.)	61 (200'2")												
Radius: m (ft & in.)	Main boom angle: deg.												
	88°	83°	78°	73°	68°	63°							
16 (52'6")													
18 (59'1")													
20 (65'7")	10.0 (22)												
22 (72'2")	9.3 (20.5)												
24 (78'9")	8.6 (18.9)												
26 (85'4")	8.0 (17.6)												
28 (91'10")	7.3 (16)	8.0 (17.6)											
30 (98'5")	6.8 (14.9)	7.3 (16)											
32 (104'12")	6.3 (13.8)	6.8 (14.9)											
34 (111'7")	5.6 (12.3)	6.3 (13.8)	6.8 (14.9)										
36 (118'1")	4.9 (10.8)	5.6 (12.3)	6.3 (13.8)										
38 (124'8")	4.3 (9.4)	4.9 (10.8)	5.6 (12.3)										
40 (131'3")	3.8 (8.3)	4.3 (9.4)	4.9 (10.8)										
42 (137'10")	3.3 (7.2)	3.8 (8.3)	4.3 (9.4)	4.9 (10.8)									
44 (144'4")	2.8 (6.1)	3.3 (7.2)	3.8 (8.3)	4.3 (9.4)									
46 (150'11")	2.3 (5)	2.8 (6.1)	3.3 (7.2)	3.7 (8.1)									
48 (157'6")	1.8 (3.9)	2.3 (5)	2.8 (6.1)	3.2 (7)									
50 (164'0")		1.8 (3.9)	2.3 (5)	2.8 (6.1)									
52 (170'7")			1.8 (3.9)	2.2 (4.8)									
54 (177'2")				1.8 (3.9)									
56 (183'9")													
58 (190'3")													
60 (196'10")													
62 (203'5")													

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Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 25.5 (83'8")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")	68.9 (151.8)											
12 (39'4")	63.2 (139.3)						62.6 (138)					
14 (45'11")	56.1 (123.6)	60.1 (132.4)					56.5 (124.5)					
16 (52'6")	48.0 (105.8)	54.3 (119.7)					48.9 (107.8)	54.3 (119.7)				
18 (59'1")	40.4 (89)	47.7 (105.1)	47.7 (105.1)				41.1 (90.6)	47.7 (105.1)				
20 (65'7")	34.7 (76.4)	41.2 (90.8)	42.0 (92.5)				35.3 (77.8)	41.5 (91.4)	41.9 (92.3)			
22 (72'2")	30.1 (66.3)	35.3 (77.8)	37.2 (82)	36.2 (79.8)			30.8 (67.9)	36.0 (79.3)	37.2 (82)			
24 (78'9")		30.7 (67.6)	33.4 (73.6)	32.4 (71.4)			27.1 (59.7)	31.3 (69)	33.4 (73.6)	32.3 (71.2)		
26 (85'4")		25.4 (55.9)	30.2 (66.5)	29.3 (64.5)	28.5 (62.8)			27.6 (60.8)	30.2 (66.5)	29.3 (64.5)		
28 (91'10")			27.2 (59.9)	26.7 (58.8)	25.9 (57)	25.2 (55.5)		24.5 (54)	27.5 (60.6)	26.6 (58.6)	25.8 (56.8)	
30 (98'5")				24.5 (54)	23.8 (52.4)	23.1 (50.9)			24.9 (54.8)	24.5 (54)	23.7 (52.2)	23.0 (50.7)
32 (104'12")					21.9 (48.2)	21.3 (46.9)				22.5 (49.6)	21.8 (48)	21.2 (46.7)
34 (111'7")						19.8 (43.6)					20.3 (44.7)	19.7 (43.4)
36 (118'1")												18.3 (40.3)
38 (124'8")												
40 (131'3")												

Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)	
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 25.5 (83'8")	

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")	62.6 (138)											
14 (45'11")	56.5 (124.5)						41.3 (91)					
16 (52'6")	49.2 (108.4)						41.2 (90.8)					
18 (59'1")	41.4 (91.2)	47.3 (104.2)					38.0 (83.7)					
20 (65'7")	35.6 (78.4)	42.0 (92.5)					35.4 (78)	38.4 (84.6)				
22 (72'2")	31.1 (68.5)	36.6 (80.6)	36.9 (81.3)				32.0 (70.5)	35.7 (78.7)				
24 (78'9")	27.4 (60.4)	31.9 (70.3)	33.0 (72.7)				28.3 (62.3)	32.5 (71.6)	33.0 (72.7)			
26 (85'4")	24.5 (54)	28.3 (62.3)	29.9 (65.9)	29.1 (64.1)			25.2 (55.5)	28.7 (63.2)	29.9 (65.9)			
28 (91'10")	22.0 (48.5)	25.2 (55.5)	27.2 (59.9)	26.4 (58.2)			22.8 (50.2)	25.6 (56.4)	27.2 (59.9)			
30 (98'5")	19.9 (43.8)	22.6 (49.8)	25.0 (55.1)	24.3 (53.5)	23.4 (51.5)		20.6 (45.4)	23.1 (50.9)	25.0 (55.1)	24.2 (53.3)		
32 (104'12")	17.1 (37.6)	20.4 (44.9)	22.6 (49.8)	22.4 (49.3)	21.5 (47.3)		18.7 (41.2)	20.8 (45.8)	23.1 (50.9)	22.3 (49.1)		
34 (111'7")		18.5 (40.7)	20.5 (45.1)	20.7 (45.6)	20.0 (44)	19.4 (42.7)	17.1 (37.6)	19.0 (41.8)	21.1 (46.5)	20.6 (45.4)	20.0 (44)	
36 (118'1")			18.6 (41)	19.3 (42.5)	18.6 (41)	18.1 (39.9)	15.7 (34.6)	17.3 (38.1)	19.2 (42.3)	19.2 (42.3)	18.6 (41)	
38 (124'8")				18.1 (39.9)	17.3 (38.1)	16.8 (37)	13.6 (29.9)	15.9 (35)	17.5 (38.5)	18.0 (39.6)	17.3 (38.1)	16.7 (36.8)
40 (131'3")					16.3 (35.9)	15.8 (34.8)		14.6 (32.1)	16.1 (35.4)	16.8 (37)	16.2 (35.7)	15.7 (34.6)
42 (137'10")						14.9 (32.8)			14.9 (32.8)	15.8 (34.8)	15.3 (33.7)	14.7 (32.4)
44 (144'4")										14.9 (32.8)	14.4 (31.7)	13.9 (30.6)
46 (150'11")											13.6 (29.9)	13.1 (28.8)
48 (157'6")												12.4 (27.3)
50 (164'0")												


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Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)												
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000												
25.5 (83'8")												
Jib length: m (ft & in.)	43 (141'1")						52 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
14 (45'11")												
16 (52'6")	30.2 (66.5)											
18 (59'1")	28.3 (62.3)						18.2 (40.1)					
20 (65'7")	26.2 (57.7)						16.7 (36.8)					
22 (72'2")	24.4 (53.7)	25.4 (55.9)					15.5 (34.1)					
24 (78'9")	22.7 (50)	23.7 (52.2)					14.4 (31.7)					
26 (85'4")	21.3 (46.9)	22.2 (48.9)					13.4 (29.5)	14.5 (31.9)				
28 (91'10")	20.1 (44.3)	20.9 (46)	23.1 (50.9)				12.5 (27.5)	13.5 (29.7)				
30 (98'5")	19.0 (41.8)	19.7 (43.4)	21.6 (47.6)				11.7 (25.7)	12.6 (27.7)				
32 (104'12")	18.0 (39.6)	18.6 (41)	20.4 (44.9)	21.1 (46.5)			11.0 (24.2)	11.8 (26)	12.8 (28.2)			
34 (111'7")	17.0 (37.4)	17.6 (38.8)	19.3 (42.5)	19.9 (43.8)			10.4 (22.9)	11.1 (24.4)	11.9 (26.2)			
36 (118'1")	15.6 (34.3)	16.7 (36.8)	18.3 (40.3)	18.9 (41.6)			9.8 (21.6)	10.5 (23.1)	11.2 (24.6)			
38 (124'8")	14.4 (31.7)	16.0 (35.2)	17.3 (38.1)	17.7 (39)	17.0 (37.4)		9.3 (20.5)	9.9 (21.8)	10.6 (23.3)	11.3 (24.9)		
40 (131'3")	13.3 (29.3)	14.9 (32.8)	16.0 (35.2)	16.6 (36.5)	15.9 (35)		8.8 (19.4)	9.4 (20.7)	10.0 (22)	10.6 (23.3)		
42 (137'10")	12.3 (27.1)	13.8 (30.4)	14.8 (32.6)	15.6 (34.3)	14.9 (32.8)	14.5 (31.9)	8.3 (18.2)	8.9 (19.6)	9.4 (20.7)	10.0 (22)		
44 (144'4")	10.7 (23.5)	12.8 (28.2)	13.7 (30.2)	14.7 (32.4)	14.1 (31)	13.7 (30.2)	7.9 (17.4)	8.4 (18.5)	9.0 (19.8)	9.5 (20.9)	10.1 (22.2)	
46 (150'11")		11.7 (25.7)	12.6 (27.7)	13.9 (30.6)	13.3 (29.3)	12.9 (28.4)	7.5 (16.5)	8.0 (17.6)	8.5 (18.7)	9.0 (19.8)	9.5 (20.9)	
48 (157'6")			11.7 (25.7)	13.1 (28.8)	12.5 (27.5)	12.2 (26.8)	7.1 (15.6)	7.5 (16.5)	8.1 (17.8)	8.6 (18.9)	9.1 (20)	9.6 (21.1)
50 (164'0")				12.1 (26.6)	11.9 (26.2)	11.5 (25.3)	6.8 (14.9)	7.2 (15.8)	7.7 (16.9)	8.2 (18)	8.6 (18.9)	9.1 (20)
52 (170'7")					11.3 (24.9)	10.9 (24)	6.5 (14.3)	6.9 (15.2)	7.3 (16)	7.8 (17.1)	8.2 (18)	8.6 (18.9)
54 (177'2")						10.4 (22.9)		6.6 (14.5)	6.9 (15.2)	7.3 (16)	7.8 (17.1)	8.2 (18)
56 (183'9")									6.7 (14.7)	7.0 (15.4)	7.4 (16.3)	7.8 (17.1)
58 (190'3")										6.7 (14.7)	7.1 (15.6)	7.4 (16.3)
60 (196'10")											6.8 (14.9)	7.1 (15.6)
62 (203'5")												6.8 (14.9)
64 (209'12")												6.6 (14.5)
66 (216'6")												

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 25.5 (83'8")

Jib length: m (ft & in.)	61 (200'2")												
Radius: m (ft & in.)	Main boom angle: deg.												
	88°	83°	78°	73°	68°	63°							
16 (52'6")													
18 (59'1")													
20 (65'7")	10.0 (22)												
22 (72'2")	9.3 (20.5)												
24 (78'9")	8.6 (18.9)												
26 (85'4")	8.0 (17.6)												
28 (91'10")	7.3 (16)	8.0 (17.6)											
30 (98'5")	6.8 (14.9)	7.4 (16.3)											
32 (104'12")	6.3 (13.8)	6.9 (15.2)											
34 (111'7")	5.6 (12.3)	6.4 (14.1)											
36 (118'1")	4.9 (10.8)	5.7 (12.5)	6.5 (14.3)										
38 (124'8")	4.3 (9.4)	5.0 (11)	5.8 (12.7)										
40 (131'3")	3.8 (8.3)	4.4 (9.7)	5.1 (11.2)										
42 (137'10")	3.3 (7.2)	3.9 (8.5)	4.5 (9.9)	5.1 (11.2)									
44 (144'4")	2.8 (6.1)	3.3 (7.2)	3.9 (8.5)	4.5 (9.9)									
46 (150'11")	2.3 (5)	2.9 (6.3)	3.4 (7.4)	4.0 (8.8)									
48 (157'6")	1.8 (3.9)	2.3 (5)	2.9 (6.3)	3.4 (7.4)									
50 (164'0")		1.9 (4.1)	2.4 (5.2)	3.0 (6.6)									
52 (170'7")			2.0 (4.4)	2.4 (5.2)									
54 (177'2")				2.0 (4.4)									
56 (183'9")													
58 (190'3")													
60 (196'10")													
62 (203'5")													
64 (209'12")													
66 (216'6")													

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Jib Hook for "LJ" Operating Configuration




Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 28.5 (93'6")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")						
Radius: m (ft & in.)	Main boom angle: deg.												
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°	
10 (32'10")	68.9 (151.8)												
12 (39'4")	63.3 (139.5)						62.6 (138)						
14 (45'11")	56.4 (124.3)	59.9 (132)					56.9 (125.4)						
16 (52'6")	48.5 (106.9)	54.2 (119.4)					49.3 (108.6)	54.2 (119.4)					
18 (59'1")	40.7 (89.7)	47.8 (105.3)	47.1 (103.8)				41.4 (91.2)	47.1 (103.8)					
20 (65'7")	34.9 (76.9)	41.8 (92.1)	41.6 (91.7)				35.5 (78.2)	42.0 (92.5)	41.5 (91.4)				
22 (72'2")	30.3 (66.7)	36.5 (80.4)	36.9 (81.3)	35.7 (78.7)			30.9 (68.1)	36.3 (80)	36.8 (81.1)				
24 (78'9")		31.6 (69.6)	33.0 (72.7)	32.0 (70.5)			27.2 (59.9)	32.0 (70.5)	32.9 (72.5)	31.8 (70.1)			
26 (85'4")		27.1 (59.7)	29.9 (65.9)	29.0 (63.9)	27.8 (61.2)			28.2 (62.1)	29.9 (65.9)	28.8 (63.4)			
28 (91'10")			27.2 (59.9)	26.4 (58.2)	25.4 (55.9)			25.0 (55.1)	27.2 (59.9)	26.2 (57.7)	25.3 (55.7)		
30 (98'5")				24.3 (53.5)	23.4 (51.5)	22.6 (49.8)			25.0 (55.1)	24.1 (53.1)	23.3 (51.3)		
32 (104'12")					21.5 (47.3)	20.8 (45.8)				22.4 (49.3)	22.2 (48.9)	21.4 (47.1)	20.6 (45.4)
34 (111'7")						19.3 (42.5)					20.6 (45.4)	19.9 (43.8)	19.2 (42.3)
36 (118'1")												18.5 (40.7)	17.9 (39.4)
38 (124'8")													16.6 (36.5)
40 (131'3")													
42 (137'10")													
44 (144'4")													
46 (150'11")													
48 (157'6")													
50 (164'0")													
52 (170'7")													

Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
28.5 (93'6")

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")	62.6 (138)											
14 (45'11")	56.9 (125.4)						41.3 (91)					
16 (52'6")	49.6 (109.3)						41.3 (91)					
18 (59'1")	41.7 (91.9)	46.3 (102)					38.1 (83.9)					
20 (65'7")	35.8 (78.9)	41.7 (91.9)					35.5 (78.2)	38.9 (85.7)				
22 (72'2")	31.2 (68.7)	37.3 (82.2)	36.5 (80.4)				32.2 (70.9)	36.1 (79.5)				
24 (78'9")	27.5 (60.6)	32.7 (72)	32.6 (71.8)				28.5 (62.8)	33.3 (73.4)				
26 (85'4")	24.6 (54.2)	28.8 (63.4)	29.6 (65.2)				25.4 (55.9)	29.4 (64.8)	29.6 (65.2)			
28 (91'10")	22.0 (48.5)	25.6 (56.4)	26.9 (59.3)	26.0 (57.3)			22.7 (50)	26.1 (57.5)	26.9 (59.3)			
30 (98'5")	20.0 (44)	23.0 (50.7)	24.7 (54.4)	23.9 (52.6)			20.6 (45.4)	23.5 (51.8)	24.7 (54.4)	23.8 (52.4)		
32 (104'12")	17.3 (38.1)	20.8 (45.8)	22.7 (50)	22.0 (48.5)	21.1 (46.5)		18.8 (41.4)	21.2 (46.7)	22.8 (50.2)	21.9 (48.2)		
34 (111'7")		18.9 (41.6)	21.1 (46.5)	20.4 (44.9)	19.5 (42.9)		17.1 (37.6)	19.3 (42.5)	21.1 (46.5)	20.3 (44.7)		
36 (118'1")			19.1 (42.1)	19.0 (41.8)	18.2 (40.1)	17.5 (38.5)	15.7 (34.6)	17.6 (38.8)	19.7 (43.4)	18.9 (41.6)	18.2 (40.1)	
38 (124'8")				17.7 (39)	16.9 (37.2)	16.4 (36.1)	13.8 (30.4)	16.1 (35.4)	18.1 (39.9)	17.6 (38.8)	16.9 (37.2)	
40 (131'3")				16.6 (36.5)	15.9 (35)	15.4 (33.9)		14.9 (32.8)	16.5 (36.3)	16.5 (36.3)	15.9 (35)	15.2 (33.5)
42 (137'10")					14.9 (32.8)	14.4 (31.7)			15.2 (33.5)	15.5 (34.1)	14.9 (32.8)	14.3 (31.5)
44 (144'4")						13.6 (29.9)				14.7 (32.4)	14.1 (31)	13.5 (29.7)
46 (150'11")										13.9 (30.6)	13.3 (29.3)	12.8 (28.2)
48 (157'6")											12.5 (27.5)	12.0 (26.4)
50 (164'0")												11.4 (25.1)
52 (170'7")												

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Jib Hook for "LJ" Operating Configuration

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)												
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000												
28.5 (93'6")												
Jib length: m (ft & in.)	43 (141'1")						52 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
14 (45'11")												
16 (52'6")	30.2 (66.5)											
18 (59'1")	28.4 (62.6)						18.2 (40.1)					
20 (65'7")	26.3 (57.9)						16.7 (36.8)					
22 (72'2")	24.4 (53.7)	26.7 (58.8)					15.5 (34.1)					
24 (78'9")	22.7 (50)	24.9 (54.8)					14.4 (31.7)					
26 (85'4")	21.3 (46.9)	23.2 (51.1)					13.5 (29.7)	14.7 (32.4)				
28 (91'10")	20.1 (44.3)	21.7 (47.8)	23.6 (52)				12.5 (27.5)	13.7 (30.2)				
30 (98'5")	19.0 (41.8)	20.4 (44.9)	22.0 (48.5)				11.7 (25.7)	12.8 (28.2)				
32 (104'12")	18.0 (39.6)	19.3 (42.5)	20.7 (45.6)				11.0 (24.2)	11.9 (26.2)	13.0 (28.6)			
34 (111'7")	17.0 (37.4)	18.3 (40.3)	19.6 (43.2)	20.0 (44)			10.4 (22.9)	11.2 (24.6)	12.1 (26.6)			
36 (118'1")	15.6 (34.3)	17.3 (38.1)	18.5 (40.7)	18.6 (41)			9.8 (21.6)	10.6 (23.3)	11.4 (25.1)			
38 (124'8")	14.4 (31.7)	16.0 (35.2)	17.5 (38.5)	17.3 (38.1)			9.3 (20.5)	10.0 (22)	10.7 (23.5)	11.5 (25.3)		
40 (131'3")	13.4 (29.5)	14.8 (32.6)	16.4 (36.1)	16.2 (35.7)	15.5 (34.1)		8.8 (19.4)	9.4 (20.7)	10.1 (22.2)	10.9 (24)		
42 (137'10")	12.3 (27.1)	13.7 (30.2)	15.1 (33.2)	15.2 (33.5)	14.6 (32.1)		8.4 (18.5)	8.9 (19.6)	9.6 (21.1)	10.3 (22.7)		
44 (144'4")	10.8 (23.8)	12.6 (27.7)	14.0 (30.8)	14.3 (31.5)	13.7 (30.2)	13.2 (29.1)	7.9 (17.4)	8.5 (18.7)	9.1 (20)	9.7 (21.3)	10.4 (22.9)	
46 (150'11")		11.7 (25.7)	13.0 (28.6)	13.6 (29.9)	13.0 (28.6)	12.3 (27.1)	7.5 (16.5)	8.1 (17.8)	8.6 (18.9)	9.2 (20.2)	9.8 (21.6)	
48 (157'6")			11.9 (26.2)	12.8 (28.2)	12.2 (26.8)	11.7 (25.7)	7.1 (15.6)	7.7 (16.9)	8.2 (18)	8.7 (19.1)	9.3 (20.5)	
50 (164'0")				12.1 (26.6)	11.6 (25.5)	11.0 (24.2)	6.8 (14.9)	7.2 (15.8)	7.8 (17.1)	8.3 (18.2)	8.8 (19.4)	9.4 (20.7)
52 (170'7")				11.3 (24.9)	11.0 (24.2)	10.5 (23.1)	6.5 (14.3)	6.9 (15.2)	7.4 (16.3)	7.9 (17.4)	8.4 (18.5)	8.9 (19.6)
54 (177'2")					10.5 (23.1)	10.0 (22)		6.6 (14.5)	7.1 (15.6)	7.5 (16.5)	8.0 (17.6)	8.5 (18.7)
56 (183'9")						9.5 (20.9)		6.4 (14.1)	6.7 (14.7)	7.1 (15.6)	7.7 (16.9)	8.1 (17.8)
58 (190'3")									6.5 (14.3)	6.8 (14.9)	7.2 (15.8)	7.7 (16.9)
60 (196'10")										6.6 (14.5)	6.9 (15.2)	7.3 (16)
62 (203'5")											6.6 (14.5)	7.0 (15.4)
64 (209'12")												6.7 (14.7)
66 (216'6")												

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 28.5 (93'6")

Jib length: m (ft & in.)	61 (200'2")												
Radius: m (ft & in.)	Main boom angle: deg.												
	88°	83°	78°	73°	68°	63°							
14 (45'11")													
16 (52'6")													
18 (59'1")													
20 (65'7")													
22 (72'2")	9.3 (20.5)												
24 (78'9")	8.6 (18.9)												
26 (85'4")	8.0 (17.6)												
28 (91'10")	7.4 (16.3)	8.1 (17.8)											
30 (98'5")	6.9 (15.2)	7.5 (16.5)											
32 (104'12")	6.4 (14.1)	7.0 (15.4)											
34 (111'7")	5.6 (12.3)	6.5 (14.3)											
36 (118'1")	5.0 (11)	5.8 (12.7)	6.6 (14.5)										
38 (124'8")	4.4 (9.7)	5.1 (11.2)	6.0 (13.2)										
40 (131'3")	3.8 (8.3)	4.5 (9.9)	5.3 (11.6)										
42 (137'10")	3.3 (7.2)	4.0 (8.8)	4.7 (10.3)	5.4 (11.9)									
44 (144'4")	2.8 (6.1)	3.4 (7.4)	4.1 (9)	4.8 (10.5)									
46 (150'11")	2.3 (5)	2.9 (6.3)	3.6 (7.9)	4.2 (9.2)									
48 (157'6")	1.9 (4.1)	2.4 (5.2)	3.1 (6.8)	3.7 (8.1)									
50 (164'0")		2.0 (4.4)	2.6 (5.7)	3.2 (7)									
52 (170'7")			2.1 (4.6)	2.7 (5.9)									
54 (177'2")				2.2 (4.8)									
56 (183'9")				1.8 (3.9)									
58 (190'3")													
60 (196'10")													
62 (203'5")													
64 (209'12")													
66 (216'6")													

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Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 31.5 (103'4")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")	68.9 (151.8)											
12 (39'4")	63.2 (139.3)						62.6 (138)					
14 (45'11")	56.7 (125)						57.2 (126.1)					
16 (52'6")	48.9 (107.8)	53.5 (117.9)					49.8 (109.7)	52.8 (116.4)				
18 (59'1")	41.0 (90.3)	47.6 (104.9)					41.7 (91.9)	47.1 (103.8)				
20 (65'7")	35.1 (77.3)	42.3 (93.2)	41.2 (90.8)				35.8 (78.9)	42.4 (93.4)	40.8 (89.9)			
22 (72'2")	30.5 (67.2)	37.2 (82)	36.5 (80.4)				31.1 (68.5)	37.4 (82.4)	36.4 (80.2)			
24 (78'9")	24.5 (54)	32.4 (71.4)	32.6 (71.8)	31.5 (69.4)			27.4 (60.4)	32.8 (72.3)	32.6 (71.8)			
26 (85'4")		28.4 (62.6)	29.6 (65.2)	28.5 (62.8)			23.8 (52.4)	28.8 (63.4)	29.5 (65)	28.4 (62.6)		
28 (91'10")			26.9 (59.3)	26.0 (57.3)	24.8 (54.6)			25.5 (56.2)	26.9 (59.3)	25.8 (56.8)		
30 (98'5")				23.9 (52.6)	22.7 (50)				24.7 (54.4)	23.7 (52.2)	22.6 (49.8)	
32 (104'12")				21.9 (48.2)	21.0 (46.2)	20.2 (44.5)			22.7 (50)	21.8 (48)	20.9 (46)	
34 (111'7")					19.5 (42.9)	18.8 (41.4)				20.2 (44.5)	19.4 (42.7)	18.6 (41)
36 (118'1")						17.4 (38.3)					18.1 (39.9)	17.2 (37.9)
38 (124'8")												16.1 (35.4)
40 (131'3")												15.1 (33.2)
42 (137'10")												
44 (144'4")												
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 31.5 (103'4")

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")												
14 (45'11")	54.6 (120.3)						41.3 (91)					
16 (52'6")	50.1 (110.4)						41.3 (91)					
18 (59'1")	42.0 (92.5)	45.2 (99.6)					38.4 (84.6)					
20 (65'7")	36.0 (79.3)	40.8 (89.9)					35.6 (78.4)	39.3 (86.6)				
22 (72'2")	31.4 (69.2)	37.1 (81.7)					32.4 (71.4)	35.7 (78.7)				
24 (78'9")	27.7 (61)	33.5 (73.8)	32.3 (71.2)				28.6 (63)	32.7 (72)				
26 (85'4")	24.7 (54.4)	29.4 (64.8)	29.2 (64.3)				25.5 (56.2)	30.0 (66.1)	29.0 (63.9)			
28 (91'10")	22.1 (48.7)	26.1 (57.5)	26.6 (58.6)	25.6 (56.4)			22.8 (50.2)	26.6 (58.6)	26.6 (58.6)			
30 (98'5")	20.0 (44)	23.5 (51.8)	24.4 (53.7)	23.5 (51.8)			20.7 (45.6)	23.9 (52.6)	24.5 (54)			
32 (104'12")	17.6 (38.8)	21.1 (46.5)	22.4 (49.3)	21.6 (47.6)			18.9 (41.6)	21.5 (47.3)	22.5 (49.6)	21.5 (47.3)		
34 (111'7")		19.1 (42.1)	20.8 (45.8)	20.0 (44)	19.0 (41.8)		17.2 (37.9)	19.6 (43.2)	20.9 (46)	19.9 (43.8)		
36 (118'1")			19.4 (42.7)	18.7 (41.2)	17.6 (38.8)		15.8 (34.8)	17.9 (39.4)	19.4 (42.7)	18.6 (41)	17.6 (38.8)	
38 (124'8")			17.9 (39.4)	17.4 (38.3)	16.5 (36.3)	15.9 (35)	14.0 (30.8)	16.4 (36.1)	18.2 (40.1)	17.3 (38.1)	16.5 (36.3)	
40 (131'3")				16.3 (35.9)	15.5 (34.1)	14.9 (32.8)		15.1 (33.2)	16.9 (37.2)	16.2 (35.7)	15.4 (33.9)	
42 (137'10")					14.5 (31.9)	14.0 (30.8)			15.6 (34.3)	15.2 (33.5)	14.5 (31.9)	13.8 (30.4)
44 (144'4")						13.2 (29.1)			14.4 (31.7)	14.4 (31.7)	13.7 (30.2)	13.0 (28.6)
46 (150'11")						12.4 (27.3)				13.6 (29.9)	12.9 (28.4)	12.2 (26.8)
48 (157'6")											12.2 (26.8)	11.6 (25.5)
50 (164'0")												11.0 (24.2)
52 (170'7")												10.4 (22.9)
54 (177'2")												

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Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)	
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000	
31.5 (103'4")	

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
14 (45'11")												
16 (52'6")	30.2 (66.5)											
18 (59'1")	28.5 (62.8)						18.3 (40.3)					
20 (65'7")	26.3 (57.9)						16.8 (37)					
22 (72'2")	24.5 (54)	26.1 (57.5)					15.6 (34.3)					
24 (78'9")	22.8 (50.2)	24.3 (53.5)					14.5 (31.9)					
26 (85'4")	21.4 (47.1)	22.7 (50)					13.5 (29.7)	14.9 (32.8)				
28 (91'10")	20.1 (44.3)	21.3 (46.9)	24.1 (53.1)				12.5 (27.5)	13.9 (30.6)				
30 (98'5")	19.0 (41.8)	20.1 (44.3)	22.5 (49.6)				11.7 (25.7)	13.0 (28.6)				
32 (104'12")	18.0 (39.6)	19.0 (41.8)	21.1 (46.5)				11.0 (24.2)	12.1 (26.6)	13.3 (29.3)			
34 (111'7")	17.0 (37.4)	18.0 (39.6)	19.9 (43.8)	19.8 (43.6)			10.4 (22.9)	11.3 (24.9)	12.3 (27.1)			
36 (118'1")	15.7 (34.6)	17.0 (37.4)	18.8 (41.4)	18.4 (40.5)			9.8 (21.6)	10.7 (23.5)	11.6 (25.5)			
38 (124'8")	14.5 (31.9)	16.2 (35.7)	17.9 (39.4)	17.1 (37.6)			9.3 (20.5)	10.1 (22.2)	10.9 (24)			
40 (131'3")	13.4 (29.5)	15.3 (33.7)	16.7 (36.8)	16.0 (35.2)	15.1 (33.2)		8.8 (19.4)	9.5 (20.9)	10.3 (22.7)	11.1 (24.4)		
42 (137'10")	12.3 (27.1)	14.2 (31.3)	15.5 (34.1)	15.0 (33)	14.2 (31.3)		8.4 (18.5)	9.0 (19.8)	9.7 (21.3)	10.5 (23.1)		
44 (144'4")	11.0 (24.2)	13.1 (28.8)	14.3 (31.5)	14.1 (31)	13.4 (29.5)		7.9 (17.4)	8.6 (18.9)	9.2 (20.2)	9.9 (21.8)		
46 (150'11")		12.1 (26.6)	13.2 (29.1)	13.3 (29.3)	12.5 (27.5)	11.9 (26.2)	7.5 (16.5)	8.1 (17.8)	8.7 (19.1)	9.4 (20.7)	10.1 (22.2)	
48 (157'6")			12.2 (26.8)	12.5 (27.5)	11.8 (26)	11.2 (24.6)	7.1 (15.6)	7.7 (16.9)	8.3 (18.2)	8.9 (19.6)	9.6 (21.1)	
50 (164'0")			11.3 (24.9)	11.8 (26)	11.2 (24.6)	10.6 (23.3)	6.8 (14.9)	7.3 (16)	7.9 (17.4)	8.4 (18.5)	9.1 (20)	
52 (170'7")				11.3 (24.9)	10.6 (23.3)	10.1 (22.2)	6.5 (14.3)	6.9 (15.2)	7.4 (16.3)	8.1 (17.8)	8.6 (18.9)	9.2 (20.2)
54 (177'2")					10.1 (22.2)	9.6 (21.1)		6.6 (14.5)	7.1 (15.6)	7.7 (16.9)	8.2 (18)	8.8 (19.4)
56 (183'9")						9.1 (20)		6.4 (14.1)	6.8 (14.9)	7.3 (16)	7.8 (17.1)	8.3 (18.2)
58 (190'3")									6.5 (14.3)	6.9 (15.2)	7.4 (16.3)	8.0 (17.6)
60 (196'10")										6.7 (14.7)	7.2 (15.8)	7.5 (16.5)
62 (203'5")											6.8 (14.9)	7.2 (15.8)
64 (209'12")											6.5 (14.3)	6.9 (15.2)
66 (216'6")												6.6 (14.5)
68 (223'1")												

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 31.5 (103'4")

Jib length: m (ft & in.)		61 (200'2")											
Radius: m (ft & in.)		Main boom angle: deg.											
		88°	83°	78°	73°	68°	63°						
14 (45'11")													
16 (52'6")													
18 (59'1")													
20 (65'7")													
22 (72'2")	9.3 (20.5)												
24 (78'9")	8.7 (19.1)												
26 (85'4")	8.0 (17.6)												
28 (91'10")	7.4 (16.3)	8.3 (18.2)											
30 (98'5")	6.9 (15.2)	7.7 (16.9)											
32 (104'12")	6.4 (14.1)	7.1 (15.6)											
34 (111'7")	5.7 (12.5)	6.6 (14.5)											
36 (118'1")	5.0 (11)	5.9 (13)	6.7 (14.7)										
38 (124'8")	4.4 (9.7)	5.2 (11.4)	6.2 (13.6)										
40 (131'3")	3.8 (8.3)	4.6 (10.1)	5.5 (12.1)										
42 (137'10")	3.3 (7.2)	4.0 (8.8)	4.8 (10.5)										
44 (144'4")	2.8 (6.1)	3.5 (7.7)	4.2 (9.2)	5.1 (11.2)									
46 (150'11")	2.3 (5)	3.0 (6.6)	3.7 (8.1)	4.4 (9.7)									
48 (157'6")	1.9 (4.1)	2.6 (5.7)	3.2 (7)	3.9 (8.5)									
50 (164'0")		2.0 (4.4)	2.7 (5.9)	3.4 (7.4)									
52 (170'7")			2.2 (4.8)	2.9 (6.3)									
54 (177'2")			1.8 (3.9)	2.3 (5)									
56 (183'9")				1.9 (4.1)									
58 (190'3")													
60 (196'10")													
62 (203'5")													
64 (209'12")													
66 (216'6")													
68 (223'1")													


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Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)												
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000												
34.5 (113'2")												
Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")	63.3 (139.5)						62.6 (138)					
14 (45'11")	57.1 (125.8)						57.6 (126.9)					
16 (52'6")	49.3 (108.6)	52.2 (115)					50.2 (110.6)	51.6 (113.7)				
18 (59'1")	41.3 (91)	46.2 (101.8)					42.0 (92.5)	46.1 (101.6)				
20 (65'7")	35.3 (77.8)	41.9 (92.3)	40.1 (88.4)				36.0 (79.3)	41.6 (91.7)				
22 (72'2")	31.2 (68.7)	37.4 (82.4)	36.1 (79.5)				31.3 (69)	37.6 (82.8)	36.0 (79.3)			
24 (78'9")	25.0 (55.1)	33.3 (73.4)	32.3 (71.2)	31.0 (68.3)			27.5 (60.6)	33.7 (74.2)	32.2 (70.9)			
26 (85'4")		29.0 (63.9)	19.1 (42.1)	28.1 (61.9)			24.1 (53.1)	29.5 (65)	29.2 (64.3)	27.8 (61.2)		
28 (91'10")			16.4 (36.1)	25.6 (56.4)	24.3 (53.5)			26.0 (57.3)	26.6 (58.6)	25.4 (55.9)		
30 (98'5")			14.3 (31.5)	23.5 (51.8)	22.2 (48.9)			22.4 (49.3)	24.4 (53.7)	23.3 (51.3)	22.2 (48.9)	
32 (104'12")				21.6 (47.6)	20.5 (45.1)				22.5 (49.6)	21.4 (47.1)	20.4 (44.9)	
34 (111'7")					19.1 (42.1)	18.3 (40.3)				19.9 (43.8)	19.0 (41.8)	
36 (118'1")					17.7 (39)	16.9 (37.2)				18.5 (40.7)	17.6 (38.8)	16.7 (36.8)
38 (124'8")						15.8 (34.8)					16.4 (36.1)	15.6 (34.3)
40 (131'3")												14.7 (32.4)
42 (137'10")												
44 (144'4")												
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

34.5 (113'2")

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")												
14 (45'11")	54.6 (120.3)						41.3 (91)					
16 (52'6")	50.5 (111.3)						41.3 (91)					
18 (59'1")	42.3 (93.2)	44.2 (97.4)					38.5 (84.8)					
20 (65'7")	36.3 (80)	39.9 (87.9)					35.7 (78.7)	38.5 (84.8)				
22 (72'2")	31.6 (69.6)	36.3 (80)					32.6 (71.8)	35.0 (77.1)				
24 (78'9")	27.8 (61.2)	33.4 (73.6)	31.8 (70.1)				28.8 (63.4)	32.0 (70.5)				
26 (85'4")	24.8 (54.6)	30.1 (66.3)	28.9 (63.7)				25.6 (56.4)	29.6 (65.2)	28.2 (62.1)			
28 (91'10")	22.2 (48.9)	26.6 (58.6)	26.3 (57.9)				23.0 (50.7)	27.1 (59.7)	26.1 (57.5)			
30 (98'5")	20.1 (44.3)	23.9 (52.6)	24.1 (53.1)	23.1 (50.9)			20.8 (45.8)	24.3 (53.5)	24.2 (53.3)			
32 (104'12")	17.9 (39.4)	21.4 (47.1)	22.2 (48.9)	21.2 (46.7)			19.9 (43.8)	21.9 (48.2)	22.2 (48.9)	21.1 (46.5)		
34 (111'7")		19.4 (42.7)	20.6 (45.4)	19.7 (43.4)	18.6 (41)		17.2 (37.9)	19.9 (43.8)	20.6 (45.4)	19.6 (43.2)		
36 (118'1")		17.1 (37.6)	19.2 (42.3)	18.4 (40.5)	17.2 (37.9)		15.8 (34.8)	18.2 (40.1)	19.2 (42.3)	18.3 (40.3)		
38 (124'8")			17.9 (39.4)	17.1 (37.6)	16.1 (35.4)		14.2 (31.3)	16.6 (36.5)	18.0 (39.6)	17.0 (37.4)	16.1 (35.4)	
40 (131'3")				16.0 (35.2)	15.1 (33.2)	14.4 (31.7)		15.3 (33.7)	16.8 (37)	15.9 (35)	15.1 (33.2)	
42 (137'10")				15.1 (33.2)	14.2 (31.3)	13.6 (29.9)		13.7 (30.2)	15.8 (34.8)	15.0 (33)	14.2 (31.3)	13.4 (29.5)
44 (144'4")					13.4 (29.5)	12.8 (28.2)			14.7 (32.4)	14.1 (31)	13.4 (29.5)	12.6 (27.7)
46 (150'11")						12.0 (26.4)				13.3 (29.3)	12.5 (27.5)	11.8 (26)
48 (157'6")											11.9 (26.2)	11.2 (24.6)
50 (164'0")											11.3 (24.9)	10.6 (23.3)
52 (170'7")												10.1 (22.2)
54 (177'2")												

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Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 34.5 (113'2")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
16 (52'6")	30.2 (66.5)											
18 (59'1")	28.6 (63)						18.4 (40.5)					
20 (65'7")	26.4 (58.2)						16.8 (37)					
22 (72'2")	24.6 (54.2)	26.4 (58.2)					15.6 (34.3)					
24 (78'9")	23.0 (50.7)	24.6 (54.2)					14.5 (31.9)					
26 (85'4")	21.4 (47.1)	23.0 (50.7)					13.5 (29.7)	15.0 (33)				
28 (91'10")	20.2 (44.5)	21.5 (47.3)					12.6 (27.7)	14.0 (30.8)				
30 (98'5")	19.0 (41.8)	20.3 (44.7)	23.0 (50.7)				11.8 (26)	13.1 (28.8)				
32 (104'12")	18.0 (39.6)	19.2 (42.3)	21.5 (47.3)				11.1 (24.4)	12.2 (26.8)				
34 (111'7")	17.0 (37.4)	18.1 (39.9)	20.2 (44.5)				10.4 (22.9)	11.4 (25.1)	12.6 (27.7)			
36 (118'1")	15.7 (34.6)	17.1 (37.6)	18.9 (41.6)	18.1 (39.9)			9.8 (21.6)	10.8 (23.8)	11.8 (26)			
38 (124'8")	14.5 (31.9)	16.3 (35.9)	17.6 (38.8)	16.7 (36.8)			9.3 (20.5)	10.2 (22.4)	11.1 (24.4)			
40 (131'3")	13.4 (29.5)	15.5 (34.1)	16.5 (36.3)	15.6 (34.3)			8.8 (19.4)	9.6 (21.1)	10.5 (23.1)	11.4 (25.1)		
42 (137'10")	12.3 (27.1)	14.3 (31.5)	15.5 (34.1)	14.7 (32.4)	13.8 (30.4)		8.4 (18.5)	9.1 (20)	9.9 (21.8)	10.8 (23.8)		
44 (144'4")	11.1 (24.4)	13.3 (29.3)	14.6 (32.1)	13.8 (30.4)	13.0 (28.6)		7.9 (17.4)	8.6 (18.9)	9.4 (20.7)	10.2 (22.4)		
46 (150'11")		12.2 (26.8)	13.5 (29.7)	13.0 (28.6)	12.2 (26.8)	11.5 (25.3)	7.5 (16.5)	8.2 (18)	8.9 (19.6)	9.6 (21.1)	10.4 (22.9)	
48 (157'6")		11.0 (24.2)	12.5 (27.5)	12.2 (26.8)	11.5 (25.3)	10.8 (23.8)	7.1 (15.6)	7.8 (17.1)	8.4 (18.5)	9.1 (20)	9.9 (21.8)	
50 (164'0")			11.6 (25.5)	11.6 (25.5)	10.9 (24)	10.2 (22.4)	6.8 (14.9)	7.3 (16)	8.0 (17.6)	8.7 (19.1)	9.3 (20.5)	
52 (170'7")				11.0 (24.2)	10.3 (22.7)	9.7 (21.3)	6.5 (14.3)	7.0 (15.4)	7.5 (16.5)	8.2 (18)	8.9 (19.6)	9.5 (20.9)
54 (177'2")					9.8 (21.6)	9.2 (20.2)		6.7 (14.7)	7.2 (15.8)	7.8 (17.1)	8.4 (18.5)	9.0 (19.8)
56 (183'9")					9.4 (20.7)	8.8 (19.4)		6.4 (14.1)	6.9 (15.2)	7.4 (16.3)	8.0 (17.6)	8.6 (18.9)
58 (190'10")						8.4 (18.5)			6.6 (14.5)	7.1 (15.6)	7.7 (16.9)	8.1 (17.8)
60 (196'10")										6.8 (14.9)	7.2 (15.8)	7.7 (16.9)
62 (203'5")										6.5 (14.3)	6.9 (15.2)	7.3 (16)
64 (209'12")											6.6 (14.5)	6.9 (15.2)
66 (216'6")												6.6 (14.5)
68 (223'1")												6.3 (13.8)
70 (229'8")												

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 34.5 (113'2")


Jib length: m (ft & in.)	61 (200'2")												
Radius: m (ft & in.)	Main boom angle: deg.												
	88°	83°	78°	73°	68°	63°							
14 (45'11")													
16 (52'6")													
18 (59'1")													
20 (65'7")													
22 (72'2")	9.4 (20.7)												
24 (78'9")	8.7 (19.1)												
26 (85'4")	8.1 (17.8)												
28 (91'10")	7.4 (16.3)												
30 (98'5")	6.9 (15.2)	7.8 (17.1)											
32 (104'12")	6.4 (14.1)	7.1 (15.6)											
34 (111'7")	5.7 (12.5)	6.7 (14.7)											
36 (118'1")	5.0 (11)	6.0 (13.2)											
38 (124'8")	4.4 (9.7)	5.4 (11.9)	6.4 (14.1)										
40 (131'3")	3.8 (8.3)	4.7 (10.3)	5.7 (12.5)										
42 (137'10")	3.3 (7.2)	4.1 (9)	5.0 (11)										
44 (144'4")	2.8 (6.1)	3.6 (7.9)	4.4 (9.7)	5.3 (11.6)									
46 (150'11")	2.3 (5)	3.1 (6.8)	3.9 (8.5)	4.7 (10.3)									
48 (157'6")	1.9 (4.1)	2.6 (5.7)	3.3 (7.2)	4.1 (9)									
50 (164'0")		2.1 (4.6)	2.9 (6.3)	3.6 (7.9)									
52 (170'7")			2.3 (5)	3.1 (6.8)									
54 (177'2")			1.9 (4.1)	2.6 (5.7)									
56 (183'9")				2.1 (4.6)									
58 (190'3")													
60 (196'10")													
62 (203'5")													
64 (209'12")													
66 (216'6")													
68 (223'1")													

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Jib Hook for "LJ" Operating Configuration

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)												
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000												
37.5 (123'0")												
Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")	63.4 (139.7)						54.6 (120.3)					
14 (45'11")	57.4 (126.5)						54.6 (120.3)					
16 (52'6")	49.8 (109.7)	50.9 (112.2)					50.6 (111.5)	50.4 (111.1)				
18 (59'1")	41.6 (91.7)	45.4 (100)					42.3 (93.2)	45.0 (99.2)				
20 (65'7")	35.5 (78.2)	40.9 (90.1)	38.9 (85.7)				36.2 (79.8)	40.6 (89.5)				
22 (72'2")	30.8 (67.9)	37.3 (82.2)	35.4 (78)				31.4 (69.2)	37.0 (81.5)	35.2 (77.6)			
24 (78'9")	25.4 (55.9)	33.7 (74.2)	31.9 (70.3)				27.6 (60.8)	33.6 (74)	31.8 (70.1)			
26 (85'4")		29.7 (65.4)	28.9 (63.7)	27.5 (60.6)			14.2 (31.3)	30.1 (66.3)	28.8 (63.4)			
28 (91'10")			26.3 (57.9)	25.1 (55.3)				26.5 (58.4)	26.2 (57.7)	24.9 (54.8)		
30 (98'5")			24.1 (53.1)	23.1 (50.9)	21.7 (47.8)			23.6 (52)	24.1 (53.1)	22.8 (50.2)		
32 (104'12")				21.2 (46.7)	20.0 (44)				22.2 (48.9)	21.0 (46.2)	19.9 (43.8)	
34 (111'7")				20.2 (44.5)	18.5 (40.7)	17.6 (38.8)				19.5 (42.9)	18.4 (40.5)	
36 (118'1")					17.2 (37.9)	16.4 (36.1)				18.2 (40.1)	17.1 (37.6)	16.1 (35.4)
38 (124'8")						15.3 (33.7)					16.0 (35.2)	15.1 (33.2)
40 (131'3")						14.3 (31.5)					15.0 (33)	14.1 (31)
42 (137'10")												13.3 (29.3)
44 (144'4")												
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
37.5 (123'0")

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")												
14 (45'11")	54.6 (120.3)						41.3 (91)					
16 (52'6")	50.2 (110.6)						41.3 (91)					
18 (59'1")	42.6 (93.9)						38.6 (85)					
20 (65'7")	36.5 (80.4)	39.0 (85.9)					35.8 (78.9)					
22 (72'2")	31.7 (69.8)	35.5 (78.2)					32.9 (72.5)	34.2 (75.3)				
24 (78'9")	27.9 (61.5)	32.5 (71.6)	30.9 (68.1)				28.9 (63.7)	31.3 (69)				
26 (85'4")	24.9 (54.8)	30.1 (66.3)	28.5 (62.8)				25.7 (56.6)	28.9 (63.7)				
28 (91'10")	22.3 (49.1)	27.2 (59.9)	25.9 (57)				23.1 (50.9)	26.8 (59)	25.4 (55.9)			
30 (98'5")	20.1 (44.3)	24.3 (53.5)	23.8 (52.4)	22.6 (49.8)			20.8 (45.8)	24.8 (54.6)	23.6 (52)			
32 (104'12")	18.1 (39.9)	21.8 (48)	21.9 (48.2)	20.8 (45.8)			19.0 (41.8)	22.3 (49.1)	21.9 (48.2)			
34 (111'7")		19.8 (43.6)	20.3 (44.7)	19.3 (42.5)			17.3 (38.1)	20.2 (44.5)	20.3 (44.7)	19.2 (42.3)		
36 (118'1")		17.9 (39.4)	18.9 (41.6)	18.0 (39.6)	16.7 (36.8)		15.9 (35)	18.5 (40.7)	19.0 (41.8)	17.9 (39.4)		
38 (124'8")			17.6 (38.8)	16.7 (36.8)	15.6 (34.3)		14.4 (31.7)	16.8 (37)	17.6 (38.8)	16.6 (36.5)	15.6 (34.3)	
40 (131'3")				15.7 (34.6)	14.6 (32.1)	13.9 (30.6)		15.5 (34.1)	16.5 (36.3)	15.6 (34.3)	14.6 (32.1)	
42 (137'10")				14.7 (32.4)	13.7 (30.2)	13.0 (28.6)		14.2 (31.3)	15.6 (34.3)	14.6 (32.1)	13.8 (30.4)	
44 (144'4")					13.0 (28.6)	12.2 (26.8)			14.7 (32.4)	13.8 (30.4)	13.0 (28.6)	12.1 (26.6)
46 (150'11")						11.5 (25.3)				13.0 (28.6)	12.1 (26.6)	11.4 (25.1)
48 (157'6")						10.9 (24)				12.3 (27.1)	11.5 (25.3)	10.8 (23.8)
50 (164'0")											10.9 (24)	10.2 (22.4)
52 (170'7")												9.7 (21.3)
54 (177'2")												9.2 (20.2)
56 (183'9")												

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Jib Hook for "LJ" Operating Configuration




Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

37.5 (123'0")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
14 (45'11")												
16 (52'6")	30.3 (66.7)											
18 (59'1")	28.7 (63.2)						18.4 (40.5)					
20 (65'7")	26.5 (58.4)						16.9 (37.2)					
22 (72'2")	24.6 (54.2)						15.6 (34.3)					
24 (78'9")	23.0 (50.7)	24.9 (54.8)					14.5 (31.9)					
26 (85'4")	21.5 (47.3)	23.3 (51.3)					13.6 (29.9)	15.2 (33.5)				
28 (91'10")	20.2 (44.5)	21.7 (47.8)					12.6 (27.7)	14.2 (31.3)				
30 (98'5")	19.1 (42.1)	20.5 (45.1)	22.5 (49.6)				11.8 (26)	13.2 (29.1)				
32 (104'12")	18.1 (39.9)	19.3 (42.5)	21.0 (46.2)				11.1 (24.4)	12.3 (27.1)				
34 (111'7")	17.0 (37.4)	18.3 (40.3)	19.7 (43.4)				10.4 (22.9)	11.6 (25.5)	12.9 (28.4)			
36 (118'1")	15.8 (34.8)	17.3 (38.1)	18.5 (40.7)	17.3 (38.1)			9.8 (21.6)	10.9 (24)	12.0 (26.4)			
38 (124'8")	14.5 (31.9)	16.5 (36.3)	17.3 (38.1)	16.3 (35.9)			9.3 (20.5)	10.2 (22.4)	11.3 (24.9)			
40 (131'3")	13.4 (29.5)	15.7 (34.6)	16.2 (35.7)	15.2 (33.5)			8.8 (19.4)	9.7 (21.3)	10.6 (23.3)	11.7 (25.7)		
42 (137'10")	12.3 (27.1)	14.5 (31.9)	15.2 (33.5)	14.3 (31.5)	13.4 (29.5)		8.4 (18.5)	9.2 (20.2)	10.1 (22.2)	11.0 (24.2)		
44 (144'4")	11.2 (24.6)	13.4 (29.5)	14.3 (31.5)	13.4 (29.5)	12.5 (27.5)		7.9 (17.4)	8.7 (19.1)	9.5 (20.9)	10.4 (22.9)		
46 (150'11")		12.4 (27.3)	13.5 (29.7)	12.5 (27.5)	11.7 (25.7)		7.5 (16.5)	8.2 (18)	9.0 (19.8)	9.8 (21.6)		
48 (157'6")		11.4 (25.1)	12.8 (28.2)	11.8 (26)	11.0 (24.2)	10.3 (22.7)	7.1 (15.6)	7.8 (17.1)	8.5 (18.7)	9.3 (20.5)	10.2 (22.4)	
50 (164'0")			11.8 (26)	11.2 (24.6)	10.4 (22.9)	9.7 (21.3)	6.8 (14.9)	7.4 (16.3)	8.1 (17.8)	8.8 (19.4)	9.6 (21.1)	
52 (170'7")				10.6 (23.3)	9.9 (21.8)	9.2 (20.2)	6.5 (14.3)	7.0 (15.4)	7.7 (16.9)	8.4 (18.5)	9.1 (20)	
54 (177'2")				10.1 (22.2)	9.4 (20.7)	8.7 (19.1)		7.0 (15.4)	7.3 (16)	8.0 (17.6)	8.7 (19.1)	8.6 (18.9)
56 (183'9")					9.0 (19.8)	8.3 (18.2)		6.4 (14.1)	7.0 (15.4)	7.5 (16.5)	8.2 (18)	8.1 (17.8)
58 (190'3")						7.9 (17.4)			6.7 (14.7)	7.2 (15.8)	7.9 (17.4)	7.7 (16.9)
60 (196'10")						7.5 (16.5)			6.4 (14.1)	6.9 (15.2)	7.4 (16.3)	7.2 (15.8)
62 (203'5")										6.6 (14.5)	7.1 (15.6)	6.8 (14.9)
64 (209'12")											6.8 (14.9)	6.4 (14.1)
66 (216'6")											6.5 (14.3)	6.1 (13.4)
68 (223'1")												5.8 (12.7)

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 37.5 (123'0")

Jib length: m (ft & in.)	61 (200'2")													
Radius: m (ft & in.)	Main boom angle: deg.													
	88°	83°	78°	73°	68°	63°								
16 (52'6")														
18 (59'1")														
20 (65'7")														
22 (72'2")	9.4 (20.7)													
24 (78'9")	8.7 (19.1)													
26 (85'4")	8.1 (17.8)													
28 (91'10")	7.4 (16.3)													
30 (98'5")	6.9 (15.2)	7.9 (17.4)												
32 (104'12")	6.4 (14.1)	7.2 (15.8)												
34 (111'7")	5.7 (12.5)	6.7 (14.7)												
36 (118'1")	5.0 (11)	6.2 (13.6)												
38 (124'8")	4.4 (9.7)	5.5 (12.1)	6.6 (14.5)											
40 (131'3")	3.9 (8.5)	4.8 (10.5)	5.9 (13)											
42 (137'10")	3.3 (7.2)	4.2 (9.2)	5.2 (11.4)											
44 (144'4")	2.8 (6.1)	3.7 (8.1)	4.3 (9.4)											
46 (150'11")	2.3 (5)	3.2 (7)	4.0 (8.8)	5.0 (11)										
48 (157'6")	1.9 (4.1)	2.7 (5.9)	3.5 (7.7)	4.4 (9.7)										
50 (164'0")		2.2 (4.8)	3.0 (6.6)	3.8 (8.3)										
52 (170'7")			2.4 (5.2)	3.3 (7.2)										
54 (177'2")			2.0 (4.4)	2.8 (6.1)										
56 (183'9")				2.3 (5)										
58 (190'10")				1.9 (4.1)										
60 (196'10")														
62 (203'5")														
64 (209'12")														
66 (216'6")														
68 (223'1")														
70 (229'8")														

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Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)	
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000	
40.5 (132'10")	

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")	54.6 (120.3)						54.6 (120.3)					
14 (45'11")	54.6 (120.3)						54.6 (120.3)					
16 (52'6")	50.2 (110.6)	49.6 (109.3)					51.1 (112.6)					
18 (59'1")	41.9 (92.3)	44.3 (97.6)					42.7 (94.1)	43.9 (96.7)				
20 (65'7")	35.7 (78.7)	40.0 (88.1)					36.4 (80.2)	39.7 (87.5)				
22 (72'2")	30.9 (68.1)	36.4 (80.2)	34.3 (75.6)				31.6 (69.6)	36.2 (79.8)	34.2 (75.3)			
24 (78'9")	25.8 (56.8)	33.5 (73.8)	31.4 (69.2)				27.7 (61)	33.3 (73.4)	31.3 (69)			
26 (85'4")		30.2 (66.5)	28.5 (62.8)	27.0 (59.5)			24.6 (54.2)	30.3 (66.7)	28.5 (62.8)			
28 (91'10")		25.5 (56.2)	25.9 (57)	24.6 (54.2)				27.4 (60.4)	25.9 (57)	24.5 (54)		
30 (98'5")			23.8 (52.4)	22.5 (49.6)				24.3 (53.5)	23.8 (52.4)	22.4 (49.3)		
32 (104'12")				20.8 (45.8)	19.4 (42.7)				21.9 (48.2)	20.7 (45.6)		
34 (111'7")				19.3 (42.5)	18.0 (39.6)				20.3 (44.7)	19.2 (42.3)	17.9 (39.4)	
36 (118'1")					16.7 (36.8)	15.8 (34.8)				17.9 (39.4)	16.6 (36.5)	
38 (124'8")					15.6 (34.3)	14.7 (32.4)					15.5 (34.1)	14.6 (32.1)
40 (131'3")						13.8 (30.4)					14.5 (31.9)	13.7 (30.2)
42 (137'10")												12.9 (28.4)
44 (144'4")												12.0 (26.4)
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												

Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)	
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000	
40.5 (132'10")	

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")												
14 (45'11")	54.6 (120.3)											
16 (52'6")	49.3 (108.6)						41.3 (91)					
18 (59'1")	42.9 (94.5)						38.7 (85.3)					
20 (65'7")	36.7 (80.9)	38.0 (83.7)					35.9 (79.1)					
22 (72'2")	31.9 (70.3)	34.7 (76.4)					32.9 (72.5)	33.4 (73.6)				
24 (78'9")	28.1 (61.9)	31.8 (70.1)					29.1 (64.1)	30.6 (67.4)				
26 (85'4")	25.0 (55.1)	29.4 (64.8)	27.6 (60.8)				25.8 (56.8)	28.3 (62.3)				
28 (91'10")	22.3 (49.1)	27.3 (60.1)	25.6 (56.4)				23.2 (51.1)	26.2 (57.7)	24.6 (54.2)			
30 (98'5")	20.2 (44.5)	24.8 (54.6)	23.5 (51.8)				20.9 (46)	24.4 (53.7)	22.8 (50.2)			
32 (104'12")	18.3 (40.3)	22.2 (48.9)	21.6 (47.6)	20.4 (44.9)			19.0 (41.8)	22.7 (50)	21.4 (47.1)			
34 (111'7")		20.1 (44.3)	20.0 (44)	18.9 (41.6)			17.3 (38.1)	20.6 (45.4)	20.1 (44.3)	18.8 (41.4)		
36 (118'1")		18.2 (40.1)	18.6 (41)	17.5 (38.5)	16.2 (35.7)		15.9 (35)	18.7 (41.2)	18.7 (41.2)	17.4 (38.3)		
38 (124'8")			17.3 (38.1)	16.3 (35.9)	15.1 (33.2)		14.5 (31.9)	17.1 (37.6)	17.4 (38.3)	16.2 (35.7)		
40 (131'3")			16.2 (35.7)	15.3 (33.7)	14.2 (31.3)			15.7 (34.6)	16.3 (35.9)	15.2 (33.5)	14.2 (31.3)	
42 (137'10")				14.4 (31.7)	13.3 (29.3)	12.4 (27.3)		14.4 (31.7)	15.3 (33.7)	14.3 (31.5)	13.3 (29.3)	
44 (144'4")					12.4 (27.3)	11.7 (25.7)			14.4 (31.7)	13.5 (29.7)	12.5 (27.5)	
46 (150'11")					11.8 (26)	11.0 (24.2)			13.7 (30.2)	12.6 (27.7)	11.8 (26)	10.9 (24)
48 (157'6")						10.4 (22.9)				12.0 (26.4)	11.1 (24.4)	10.3 (22.7)
50 (164'0")						9.9 (21.8)					10.5 (23.1)	9.8 (21.6)
52 (170'7")											10.0 (22)	9.3 (20.5)
54 (177'2")												8.8 (19.4)
56 (183'9")												8.4 (18.5)
58 (190'3")												


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Jib Hook for "LJ" Operating Configuration




Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

37.5 (123'0")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
16 (52'6")	30.3 (66.7)											
18 (59'1")	28.8 (63.4)											
20 (65'7")	26.7 (58.8)						16.9 (37.2)					
22 (72'2")	24.7 (54.4)						15.7 (34.6)					
24 (78'9")	23.1 (50.9)	25.2 (55.5)					14.6 (32.1)					
26 (85'4")	21.5 (47.3)	23.5 (51.8)					13.6 (29.9)	15.4 (33.9)				
28 (91'10")	20.2 (44.5)	22.0 (48.5)					12.6 (27.7)	14.3 (31.5)				
30 (98'5")	19.1 (42.1)	20.7 (45.6)	21.8 (48)				11.8 (26)	13.4 (29.5)				
32 (104'12")	18.1 (39.9)	19.5 (42.9)	20.4 (44.9)				11.1 (24.4)	12.4 (27.3)				
34 (111'7")	17.1 (37.6)	18.5 (40.7)	19.1 (42.1)				10.5 (23.1)	11.7 (25.7)	13.2 (29.1)			
36 (118'1")	15.8 (34.8)	17.4 (38.3)	18.0 (39.6)				9.9 (21.8)	11.0 (24.2)	12.3 (27.1)			
38 (124'8")	14.6 (32.1)	16.6 (36.5)	16.8 (37)	15.7 (34.6)			9.3 (20.5)	10.3 (22.7)	11.5 (25.3)			
40 (131'3")	13.4 (29.5)	15.8 (34.8)	15.9 (35)	14.8 (32.6)			8.8 (19.4)	9.8 (21.6)	10.8 (23.8)			
42 (137'10")	12.4 (27.3)	14.7 (32.4)	14.9 (32.8)	13.9 (30.6)			8.4 (18.5)	9.2 (20.2)	10.2 (22.4)	11.3 (24.9)		
44 (144'4")	11.3 (24.9)	13.6 (29.9)	14.0 (30.8)	13.0 (28.6)	12.0 (26.4)		8.0 (17.6)	8.8 (19.4)	9.7 (21.3)	10.7 (23.5)		
46 (150'11")		12.5 (27.5)	13.2 (29.1)	12.2 (26.8)	11.3 (24.9)		7.5 (16.5)	8.3 (18.2)	9.1 (20)	10.1 (22.2)		
48 (157'6")		11.6 (25.5)	12.4 (27.3)	11.5 (25.3)	10.6 (23.3)		7.1 (15.6)	7.9 (17.4)	8.7 (19.1)	9.5 (20.9)	10.5 (23.1)	
50 (164'0")			11.8 (26)	10.9 (24)	10.0 (22)	9.2 (20.2)	6.8 (14.9)	7.4 (16.3)	8.2 (18)	9.0 (19.8)	9.9 (21.8)	
52 (170'7")			11.2 (24.6)	10.3 (22.7)	9.5 (20.9)	8.7 (19.1)	6.5 (14.3)	7.1 (15.6)	7.8 (17.1)	8.6 (18.9)	9.4 (20.7)	
54 (177'2")				9.8 (21.6)	9.0 (19.8)	8.2 (18)	6.2 (13.6)	6.8 (14.9)	7.4 (16.3)	8.2 (18)	8.9 (19.6)	
56 (183'9")					8.6 (18.9)	7.8 (17.1)		6.5 (14.3)	7.0 (15.4)	7.8 (17.1)	8.5 (18.7)	7.5 (16.5)
58 (190'10")					8.2 (18)	7.7 (16.9)			6.7 (14.7)	7.3 (16)	8.1 (17.8)	7.1 (15.6)
60 (196'10")						7.0 (15.4)			6.5 (14.3)	7.0 (15.4)	7.7 (16.9)	6.7 (14.7)
62 (203'5")						6.7 (14.7)				6.7 (14.7)	7.2 (15.8)	6.3 (13.8)
64 (209'12")										6.4 (14.1)	6.8 (14.9)	6.0 (13.2)
66 (216'6")											6.5 (14.3)	5.7 (12.5)
68 (223'1")												5.4 (11.9)
70 (229'8")												5.1 (11.2)

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 40.5 (132'10")

Jib length: m (ft & in.)	61 (200'2")												
Radius: m (ft & in.)	Main boom angle: deg.												
	88°	83°	78°	73°	68°	63°							
14 (45'11")													
16 (52'6")													
18 (59'1")													
20 (65'7")													
22 (72'2")	9.4 (20.7)												
24 (78'9")	8.7 (19.1)												
26 (85'4")	8.1 (17.8)												
28 (91'10")	7.4 (16.3)												
30 (98'5")	6.9 (15.2)	8.0 (17.6)											
32 (104'12")	6.5 (14.3)	7.3 (16)											
34 (111'7")	5.7 (12.5)	6.8 (14.9)											
36 (118'1")	5.1 (11.2)	6.3 (13.8)											
38 (124'8")	4.4 (9.7)	5.6 (12.3)	6.7 (14.7)										
40 (131'3")	3.9 (8.5)	4.9 (10.8)	6.1 (13.4)										
42 (137'10")	3.3 (7.2)	4.3 (9.4)	5.4 (11.9)										
44 (144'4")	2.9 (6.3)	3.8 (8.3)	4.8 (10.5)										
46 (150'11")	2.3 (5)	3.2 (7)	4.2 (9.2)	5.2 (11.4)									
48 (157'6")	1.9 (4.1)	2.8 (6.1)	3.6 (7.9)	4.6 (10.1)									
50 (164'0")		2.2 (4.8)	3.1 (6.8)	4.0 (8.8)									
52 (170'7")		1.8 (3.9)	2.7 (5.9)	3.5 (7.7)									
54 (177'2")			2.1 (4.6)	3.0 (6.6)									
56 (183'9")				2.6 (5.7)									
58 (190'3")				2.0 (4.4)									
60 (196'10")													
62 (203'5")													
64 (209'12")													
66 (216'6")													
68 (223'1")													

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Jib Hook for "LJ" Operating Configuration




Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 43.5 (142'9")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")	54.6 (120.3)						54.6 (120.3)					
14 (45'11")	54.6 (120.3)						54.6 (120.3)					
16 (52'6")	50.7 (111.7)	48.2 (106.2)					50.4 (111.1)					
18 (59'1")	42.2 (93)	43.0 (94.7)					43.0 (94.7)	42.8 (94.3)				
20 (65'7")	36.0 (79.3)	38.9 (85.7)					36.7 (80.9)	38.7 (85.3)				
22 (72'2")	31.1 (68.5)	35.5 (78.2)	33.2 (73.1)				31.8 (70.1)	35.3 (77.8)				
24 (78'9")	26.2 (57.7)	32.6 (71.8)	30.4 (67)				27.9 (61.5)	32.4 (71.4)	30.4 (67)			
26 (85'4")		30.0 (66.1)	28.1 (61.9)				24.7 (54.4)	30.0 (66.1)	28.1 (61.9)			
28 (91'10")		26.9 (59.3)	25.6 (56.4)	24.1 (53.1)				27.3 (60.1)	25.5 (56.2)	24.0 (52.9)		
30 (98'5")			23.5 (51.8)	22.0 (48.5)				24.8 (54.6)	23.4 (51.5)	21.9 (48.2)		
32 (104'12")			21.6 (47.6)	20.3 (44.7)	18.8 (41.4)				21.5 (47.3)	20.3 (44.7)		
34 (111'7")				18.8 (41.4)	17.3 (38.1)				20.0 (44)	18.8 (41.4)	17.3 (38.1)	
36 (118'1")					16.1 (35.4)					17.4 (38.3)	16.0 (35.2)	
38 (124'8")					15.1 (33.2)	14.1 (31)				16.3 (35.9)	15.0 (33)	
40 (131'3")						13.2 (29.1)					14.0 (30.8)	13.1 (28.8)
42 (137'10")						12.3 (27.1)					13.2 (29.1)	12.2 (26.8)
44 (144'4")												11.5 (25.3)
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												

Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

43.5 (142'9")

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")												
14 (45'11")	53.0 (116.8)											
16 (52'6")	48.2 (106.2)						40.7 (89.7)					
18 (59'1")	43.2 (95.2)						38.9 (85.7)					
20 (65'7")	36.9 (81.3)	37.1 (81.7)					36.0 (79.3)					
22 (72'2")	32.1 (70.7)	33.9 (74.7)					33.2 (73.1)	32.5 (71.6)				
24 (78'9")	28.3 (62.3)	31.0 (68.3)					29.2 (64.3)	29.9 (65.9)				
26 (85'4")	25.1 (55.3)	28.7 (63.2)	26.7 (58.8)				25.9 (57)	27.5 (60.6)				
28 (91'10")	22.4 (49.3)	26.6 (58.6)	24.8 (54.6)				23.3 (51.3)	25.6 (56.4)	23.8 (52.4)			
30 (98'5")	20.2 (44.5)	24.9 (54.8)	23.1 (50.9)				21.0 (46.2)	23.9 (52.6)	22.1 (48.7)			
32 (104'12")	18.3 (40.3)	22.6 (49.8)	21.2 (46.7)	19.9 (43.8)			19.1 (42.1)	22.3 (49.1)	20.7 (45.6)			
34 (111'7")		20.4 (44.9)	19.7 (43.4)	18.4 (40.5)			17.4 (38.3)	20.8 (45.8)	19.4 (42.7)			
36 (118'1")		18.5 (40.7)	18.3 (40.3)	17.1 (37.6)			15.9 (35)	19.0 (41.8)	18.3 (40.3)	16.8 (37)		
38 (124'8")			17.0 (37.4)	15.9 (35)	14.6 (32.1)		14.6 (32.1)	17.3 (38.1)	17.1 (37.6)	15.8 (34.8)		
40 (131'3")			16.0 (35.2)	14.9 (32.8)	13.7 (30.2)			15.9 (35)	16.0 (35.2)	14.8 (32.6)		
42 (137'10")				14.0 (30.8)	12.8 (28.2)			14.6 (32.1)	15.1 (33.2)	13.9 (30.6)	12.9 (28.4)	
44 (144'4")				13.2 (29.1)	12.0 (26.4)	11.2 (24.6)			14.2 (31.3)	13.1 (28.8)	12.0 (26.4)	
46 (150'11")					11.3 (24.9)	10.5 (23.1)			13.4 (29.5)	12.3 (27.1)	11.3 (24.9)	
48 (157'6")					10.7 (23.5)	9.9 (21.8)				11.6 (25.5)	10.7 (23.5)	9.8 (21.6)
50 (164'0")						9.4 (20.7)				11.0 (24.2)	10.1 (22.2)	9.2 (20.2)
52 (170'7")											9.6 (21.1)	8.7 (19.1)
54 (177'2")											9.1 (20)	8.3 (18.2)
56 (183'9")												7.9 (17.4)
58 (190'3")												

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Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 43.5 (142'9")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
16 (52'6")	30.3 (66.7)											
18 (59'1")	28.9 (63.7)											
20 (65'7")	26.6 (58.6)						17.0 (37.4)					
22 (72'2")	24.8 (54.6)						15.7 (34.6)					
24 (78'9")	23.1 (50.9)	25.5 (56.2)					14.6 (32.1)					
26 (85'4")	21.6 (47.6)	23.8 (52.4)					13.6 (29.9)					
28 (91'10")	20.3 (44.7)	22.2 (48.9)					12.6 (27.7)	14.5 (31.9)				
30 (98'5")	19.1 (42.1)	20.9 (46)					11.8 (26)	13.5 (29.7)				
32 (104'12")	18.1 (39.9)	19.7 (43.4)	19.7 (43.4)				11.1 (24.4)	12.6 (27.7)				
34 (111'7")	17.1 (37.6)	18.6 (41)	18.5 (40.7)				10.5 (23.1)	11.8 (26)				
36 (118'1")	15.8 (34.8)	17.6 (38.8)	17.3 (38.1)				9.9 (21.8)	11.1 (24.4)	12.5 (27.5)			
38 (124'8")	14.6 (32.1)	16.7 (36.8)	16.3 (35.9)	15.0 (33)			9.3 (20.5)	10.4 (22.9)	11.7 (25.7)			
40 (131'3")	13.5 (29.7)	15.9 (35)	15.4 (33.9)	14.1 (31)			8.8 (19.4)	9.8 (21.6)	11.0 (24.2)			
42 (137'10")	12.4 (27.3)	14.9 (32.8)	14.6 (32.1)	13.7 (30.2)			8.4 (18.5)	9.3 (20.5)	10.4 (22.9)	11.6 (25.5)		
44 (144'4")	11.4 (25.1)	13.8 (30.4)	13.7 (30.2)	12.5 (27.5)	11.5 (25.3)		8.0 (17.6)	8.8 (19.4)	9.8 (21.6)	10.9 (24)		
46 (150'11")		12.8 (28.2)	12.9 (28.4)	11.8 (26)	10.8 (23.8)		7.5 (16.5)	8.4 (18.5)	9.3 (20.5)	10.3 (22.7)		
48 (157'6")		11.8 (26)	12.1 (26.6)	11.1 (24.4)	10.1 (22.2)		7.1 (15.6)	8.0 (17.6)	8.8 (19.4)	9.8 (21.6)		
50 (164'0")			11.5 (25.3)	10.5 (23.1)	9.5 (20.9)		6.8 (14.9)	7.5 (16.5)	8.4 (18.5)	9.2 (20.2)	9.6 (21.1)	
52 (170'7")			10.9 (24)	9.9 (21.8)	9.0 (19.8)	8.2 (18)	6.5 (14.3)	7.1 (15.6)	7.9 (17.4)	8.8 (19.4)	9.0 (19.8)	
54 (177'2")				9.4 (20.7)	8.6 (18.9)	7.7 (16.9)	6.2 (13.6)	6.8 (14.9)	7.5 (16.5)	8.3 (18.2)	8.6 (18.9)	
56 (183'9")				9.0 (19.8)	8.1 (17.8)	7.2 (15.8)		6.5 (14.3)	7.1 (15.6)	7.9 (17.4)	8.1 (17.8)	
58 (190'10")					7.7 (16.9)	6.8 (14.9)			6.8 (14.9)	7.5 (16.5)	7.7 (16.9)	6.5 (14.3)
60 (196'10")					7.3 (16)	6.5 (14.3)			6.5 (14.3)	7.1 (15.6)	7.1 (15.6)	6.1 (13.4)
62 (203'5")						6.2 (13.6)				6.8 (14.9)	6.8 (14.9)	5.8 (12.7)
64 (209'12")										6.5 (14.3)	6.4 (14.1)	5.5 (12.1)
66 (216'6")											6.1 (13.4)	5.1 (11.2)
68 (223'1")											5.8 (12.7)	4.9 (10.8)
70 (229'8")												4.6 (10.1)
72 (236'3")												4.4 (9.7)

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 43.5 (142'9")

Jib length: m (ft & in.)	61 (200'2")												
Radius: m (ft & in.)	Main boom angle: deg.												
	88°	83°	78°	73°	68°	63°							
14 (45'11")													
16 (52'6")													
18 (59'1")													
20 (65'7")													
22 (72'2")	9.5 (20.9)												
24 (78'9")	8.8 (19.4)												
26 (85'4")	8.1 (17.8)												
28 (91'10")	7.5 (16.5)												
30 (98'5")	6.9 (15.2)	8.1 (17.8)											
32 (104'12")	6.5 (14.3)	7.4 (16.3)											
34 (111'7")	5.8 (12.7)	6.9 (15.2)											
36 (118'1")	5.1 (11.2)	6.4 (14.1)											
38 (124'8")	4.5 (9.9)	5.7 (12.5)											
40 (131'3")	3.9 (8.5)	5.0 (11)	6.3 (13.8)										
42 (137'10")	3.4 (7.4)	4.4 (9.7)	5.6 (12.3)										
44 (144'4")	2.9 (6.3)	3.8 (8.3)	5.0 (11)										
46 (150'11")	2.3 (5)	3.3 (7.2)	4.4 (9.7)										
48 (157'6")	1.9 (4.1)	2.8 (6.1)	3.8 (8.3)	4.9 (10.8)									
50 (164'0")		2.3 (5)	3.3 (7.2)	4.3 (9.4)									
52 (170'7")		1.9 (4.1)	2.8 (6.1)	3.7 (8.1)									
54 (177'2")			2.3 (5)	3.2 (7)									
56 (183'9")			1.8 (3.9)	2.7 (5.9)									
58 (190'3")				2.2 (4.8)									
60 (196'10")													
62 (203'5")													
64 (209'12")													
66 (216'6")													
68 (223'1")													

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Jib Hook for "LJ" Operating Configuration




Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)	
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000	
46.5 (152'7")	

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")	54.6 (120.3)						54.6 (120.3)					
14 (45'11")	54.6 (120.3)						54.6 (120.3)					
16 (52'6")	49.9 (110)	47.0 (103.6)					49.5 (109.1)					
18 (59'1")	42.5 (93.6)	42.1 (92.8)					43.4 (95.6)	41.8 (92.1)				
20 (65'7")	36.2 (79.8)	37.9 (83.5)					36.9 (81.3)	37.8 (83.3)				
22 (72'2")	31.3 (69)	34.6 (76.2)	32.2 (70.9)				32.0 (70.5)	34.5 (76)	29.5 (65)			
24 (78'9")	26.5 (58.4)	31.8 (70.1)	29.5 (65)				28.1 (61.9)	31.7 (69.8)	27.2 (59.9)			
26 (85'4")		29.5 (65)	27.2 (59.9)				24.8 (54.6)	29.4 (64.8)	25.2 (55.5)			
28 (91'10")		27.1 (59.7)	25.2 (55.5)	23.4 (51.5)				27.1 (59.7)	23.1 (50.9)	21.5 (47.3)		
30 (98'5")			23.1 (50.9)	21.6 (47.6)				24.9 (54.8)	21.2 (46.7)	19.8 (43.6)		
32 (104'12")			21.3 (46.9)	19.9 (43.8)					19.7 (43.4)	18.4 (40.5)		
34 (111'7")				18.4 (40.5)	16.8 (37)					17.0 (37.4)	15.6 (34.3)	
36 (118'1")				17.1 (37.6)	15.7 (34.6)					15.9 (35)	14.5 (31.9)	
38 (124'8")					14.6 (32.1)	13.6 (29.9)					13.6 (29.9)	12.5 (27.5)
40 (131'3")					13.7 (30.2)	12.6 (27.7)					12.8 (28.2)	11.8 (26)
42 (137'10")						11.9 (26.2)						11.1 (24.4)
44 (144'4")						11.2 (24.6)						10.4 (22.9)
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												

Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

46.5 (152'7")

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")												
14 (45'11")	41.3 (91)											
16 (52'6")	41.3 (91)						39.5 (87)					
18 (59'1")	41.3 (91)						38.9 (85.7)					
20 (65'7")	37.2 (82)	36.2 (79.8)					36.1 (79.5)					
22 (72'2")	32.2 (70.9)	33.0 (72.7)					33.5 (73.8)	31.8 (70.1)				
24 (78'9")	28.4 (62.6)	30.4 (67)					29.4 (64.8)	29.2 (64.3)				
26 (85'4")	25.2 (55.5)	28.1 (61.9)	26.0 (57.3)				26.1 (57.5)	26.9 (59.3)				
28 (91'10")	22.5 (49.6)	26.0 (57.3)	24.1 (53.1)				23.4 (51.5)	25.0 (55.1)				
30 (98'5")	20.3 (44.7)	24.3 (53.5)	22.4 (49.3)				21.1 (46.5)	23.3 (51.3)	21.5 (47.3)			
32 (104'12")	18.4 (40.5)	22.7 (50)	20.9 (46)	19.4 (42.7)			19.2 (42.3)	21.8 (48)	20.1 (44.3)			
34 (111'7")		20.7 (45.6)	19.4 (42.7)	18.0 (39.6)			17.4 (38.3)	20.5 (45.1)	18.9 (41.6)			
36 (118'1")		18.8 (41.4)	18.0 (39.6)	16.7 (36.8)			16.0 (35.2)	19.3 (42.5)	17.7 (39)	16.2 (35.7)		
38 (124'8")			16.7 (36.8)	15.6 (34.3)	14.1 (31)		14.7 (32.4)	17.6 (38.8)	16.7 (36.8)	15.3 (33.7)		
40 (131'3")			15.7 (34.6)	14.6 (32.1)	13.2 (29.1)			16.1 (35.4)	15.8 (34.8)	14.4 (31.7)		
42 (137'10")				13.7 (30.2)	12.3 (27.1)			14.8 (32.6)	14.8 (32.6)	13.6 (29.9)	12.4 (27.3)	
44 (144'4")				12.9 (28.4)	11.6 (25.5)	10.7 (23.5)			14.0 (30.8)	12.8 (28.2)	11.6 (25.5)	
46 (150'11")					10.9 (24)	10.1 (22.2)			13.2 (29.1)	12.0 (26.4)	10.9 (24)	
48 (157'6")					10.3 (22.7)	9.5 (20.9)				11.3 (24.9)	10.3 (22.7)	9.3 (20.5)
50 (164'0")						8.9 (19.6)				10.7 (23.5)	9.7 (21.3)	8.7 (19.1)
52 (170'7")						8.4 (18.5)					9.2 (20.2)	8.2 (18)
54 (177'2")											8.8 (19.4)	7.8 (17.1)
56 (183'9")												7.2 (15.8)
58 (190'3")												6.9 (15.2)
60 (196'10")												


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Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

46.5 (152'7")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
16 (52'6")	30.3 (66.7)											
18 (59'1")	29.0 (63.9)											
20 (65'7")	26.7 (58.8)						17.1 (37.6)					
22 (72'2")	24.8 (54.6)						15.8 (34.8)					
24 (78'9")	23.2 (51.1)	25.8 (56.8)					14.6 (32.1)					
26 (85'4")	21.6 (47.6)	24.1 (53.1)					13.7 (30.2)					
28 (91'10")	20.3 (44.7)	22.5 (49.6)					12.8 (28.2)	14.7 (32.4)				
30 (98'5")	19.2 (42.3)	21.1 (46.5)					11.9 (26.2)	13.7 (30.2)				
32 (104'12")	18.1 (39.9)	19.9 (43.8)	19.1 (42.1)				11.1 (24.4)	12.8 (28.2)				
34 (111'7")	17.1 (37.6)	18.8 (41.4)	17.9 (39.4)				10.5 (23.1)	11.9 (26.2)				
36 (118'1")	15.9 (35)	17.7 (39)	16.7 (36.8)				9.9 (21.8)	11.2 (24.6)	12.8 (28.2)			
38 (124'8")	14.6 (32.1)	16.9 (37.2)	15.8 (34.8)				9.3 (20.5)	10.5 (23.1)	11.9 (26.2)			
40 (131'3")	13.5 (29.7)	16.1 (35.4)	14.9 (32.8)	13.6 (29.9)			8.8 (19.4)	9.9 (21.8)	11.2 (24.6)			
42 (137'10")	12.4 (27.3)	15.1 (33.2)	14.1 (31)	12.8 (28.2)			8.4 (18.5)	9.4 (20.7)	10.6 (23.3)			
44 (144'4")	11.5 (25.3)	14.0 (30.8)	13.4 (29.5)	12.0 (26.4)			8.0 (17.6)	8.9 (19.6)	10.0 (22)	11.2 (24.6)		
46 (150'11")		12.9 (28.4)	12.6 (27.7)	11.4 (25.1)	10.3 (22.7)		7.5 (16.5)	8.4 (18.5)	9.7 (21.3)	10.6 (23.3)		
48 (157'6")		11.9	11.9 (26.2)	10.8 (23.8)	9.7 (21.3)		7.1 (15.6)	8.0 (17.6)	8.9 (19.6)	10.0 (22)		
50 (164'0")			11.2 (24.6)	10.2 (22.4)	9.2 (20.2)		6.8 (14.9)	7.5 (16.5)	8.5 (18.7)	9.4 (20.7)		
52 (170'7")			10.7 (23.5)	9.6 (21.1)	8.7 (19.1)	7.8 (17.1)	6.5 (14.3)	7.2 (15.8)	8.1 (17.8)	8.9 (19.6)	8.6 (18.9)	
54 (177'2")				9.1 (20)	8.2 (18)	7.2 (15.8)	6.2 (13.6)	6.8 (14.9)	7.7 (16.9)	8.5 (18.7)	8.1 (17.8)	
56 (183'9")				8.7 (19.1)	7.8 (17.1)	6.9 (15.2)		6.5 (14.3)	7.2 (15.8)	8.1 (17.8)	7.7 (16.9)	
58 (190'10")					7.3 (16)	6.4 (14.1)		6.3 (13.8)	6.9 (15.2)	7.7 (16.9)	7.1 (15.6)	6.0 (13.2)
60 (196'10")					7.0 (15.4)	6.1 (13.4)			6.6 (14.5)	7.2 (15.8)	6.7 (14.7)	5.6 (12.3)
62 (203'5")						5.8 (12.7)			6.3 (13.8)	6.9 (15.2)	6.4 (14.1)	5.3 (11.6)
64 (209'12")						5.6 (12.3)				6.6 (14.5)	6.0 (13.2)	5.0 (11)
66 (216'6")										6.4 (14.1)	5.7 (12.5)	4.7 (10.3)
68 (223'1")											5.4 (11.9)	4.4 (9.7)
70 (229'8")												4.2 (9.2)
72 (236'3")												4.0 (8.8)

Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 46.5 (152'7")

Jib length: m (ft & in.)		61 (200'2")													
Radius: m (ft & in.)	Main boom angle: deg.														
	88°	83°	78°	73°	68°	63°									
12 (39'4")															
14 (45'11")															
16 (52'6")															
18 (59'1")															
20 (65'7")															
22 (72'2")	9.5 (20.9)														
24 (78'9")	8.8 (19.4)														
26 (85'4")	8.2 (18)														
28 (91'10")	7.5 (16.5)														
30 (98'5")	7.0 (15.4)	8.2 (18)													
32 (104'12")	6.2 (13.6)	7.5 (16.5)													
34 (111'7")	5.8 (12.7)	7.0 (15.4)													
36 (118'1")	5.1 (11.2)	6.5 (14.3)													
38 (124'8")	4.5 (9.9)	5.8 (12.7)													
40 (131'3")	3.9 (8.5)	5.1 (11.2)	6.5 (14.3)												
42 (137'10")	3.4 (7.4)	4.5 (9.9)	5.8 (12.7)												
44 (144'4")	2.9 (6.3)	3.9 (8.5)	5.2 (11.4)												
46 (150'11")	2.3 (5)	3.4 (7.4)	4.5 (9.9)												
48 (157'6")	1.9 (4.1)	2.9 (6.3)	4.0 (8.8)	5.1 (11.2)											
50 (164'0")		2.4 (5.2)	3.4 (7.4)	4.5 (9.9)											
52 (170'7")		1.9 (4.1)	2.9 (6.3)	3.9 (8.5)											
54 (177'2")			2.4 (5.2)	3.4 (7.4)											
56 (183'9")			2.0 (4.4)	2.9 (6.3)											
58 (190'3")				2.4 (5.2)											
60 (196'10")				2.0 (4.4)											
62 (203'5")															
64 (206'12")															
66 (216'6")															

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Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)	
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000	
49.5 (162'5")	

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")	54.6 (120.3)						41.3 (91)					
14 (45'11")	54.6 (120.3)						41.3 (91)					
16 (52'6")	48.9 (107.8)						41.3 (91)					
18 (59'1")	42.8 (94.3)	40.9 (90.1)					41.3 (91)	40.7 (89.7)				
20 (65'7")	36.4 (80.2)	36.9 (81.3)					37.2 (82)	36.8 (81.1)				
22 (72'2")	31.4 (69.2)	33.7 (74.2)					32.1 (70.7)	33.7 (74.2)				
24 (78'9")	26.9 (59.3)	31.0 (68.3)	28.5 (62.8)				28.2 (62.1)	30.9 (68.1)	28.6 (63)			
26 (85'4")		28.7 (63.2)	26.3 (57.9)				24.9 (54.8)	28.7 (63.2)	26.3 (57.9)			
28 (91'10")		26.8 (59)	24.4 (53.7)					26.6 (58.6)	24.5 (54)			
30 (98'5")			22.7 (50)	20.8 (45.8)				24.7 (54.4)	22.6 (49.8)	21.0 (46.2)		
32 (104'12")			20.9 (46)	19.5 (42.9)				22.4 (49.3)	20.9 (46)	19.3 (42.5)		
34 (111'7")				18.1 (39.9)	16.2 (35.7)				19.3 (42.5)	17.9 (39.4)		
36 (118'1")				16.8 (37)	15.1 (33.2)				18.0 (39.6)	16.6 (36.5)	15.0 (33)	
38 (124'8")					14.1 (31)					15.5 (34.1)	14.0 (30.8)	
40 (131'3")					13.2 (29.1)	12.1 (26.6)				14.5 (31.9)	13.1 (28.8)	
42 (137'10")						11.4 (25.1)					12.2 (26.8)	11.2 (24.6)
44 (144'4")						10.7 (23.5)					11.5 (25.3)	10.5 (23.1)
46 (150'11")												9.8 (21.6)
48 (157'6")												9.3 (20.5)
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (206'12")												
66 (216'6")												

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
49.5 (162'5")

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")												
14 (45'11")	41.3 (91)											
16 (52'6")	41.3 (91)						37.9 (83.5)					
18 (59'1")	41.3 (91)						37.6 (82.8)					
20 (65'7")	37.4 (82.4)	35.3 (77.8)					36.2 (79.8)					
22 (72'2")	32.4 (71.4)	32.2 (70.9)					33.2 (73.1)	31.0 (68.3)				
24 (78'9")	28.5 (62.8)	29.6 (65.2)					29.5 (65)	28.5 (62.8)				
26 (85'4")	25.3 (55.7)	27.3 (60.1)					26.2 (57.7)	26.2 (57.7)				
28 (91'10")	22.6 (49.8)	25.4 (55.9)	23.3 (51.3)				23.5 (51.8)	24.4 (53.7)				
30 (98'5")	20.3 (44.7)	23.7 (52.2)	21.7 (47.8)				21.2 (46.7)	22.6 (49.8)	20.7 (45.6)			
32 (104'12")	18.4 (40.5)	22.2 (48.9)	20.3 (44.7)				19.2 (42.3)	21.2 (46.7)	19.4 (42.7)			
34 (111'7")		20.9 (46)	19.0 (41.8)	17.3 (38.1)			17.5 (38.5)	19.9 (43.8)	18.2 (40.1)			
36 (118'1")		19.4 (42.7)	17.6 (38.8)	16.3 (35.9)			16.0 (35.2)	18.8 (41.4)	17.0 (37.4)	15.5 (34.1)		
38 (124'8")		17.2 (37.9)	16.4 (36.1)	15.3 (33.7)			14.7 (32.4)	17.7 (39)	16.1 (35.4)	14.6 (32.1)		
40 (131'3")			15.4 (33.9)	14.3 (31.5)	12.6 (27.7)			16.3 (35.9)	15.2 (33.5)	13.8 (30.4)		
42 (137'10")			14.5 (31.9)	13.5 (29.7)	11.8 (26)			15.0 (33)	14.5 (31.9)	13.0 (28.6)		
44 (144'4")				12.6 (27.7)	11.1 (24.4)				13.6 (29.9)	12.3 (27.1)	11.0 (24.2)	
46 (150'11")				11.9 (26.2)	10.4 (22.9)	9.5 (20.9)			12.9 (28.4)	11.6 (25.5)	10.4 (22.9)	
48 (157'6")					9.9 (21.8)	8.9 (19.6)			12.1 (26.6)	10.9 (24)	9.8 (21.6)	
50 (164'0")					9.4 (20.7)	8.4 (18.5)				10.3 (22.7)	9.2 (20.2)	8.0 (17.6)
52 (170'7")						7.9 (17.4)				9.8 (21.6)	8.7 (19.1)	7.5 (16.5)
54 (177'2")						7.4 (16.3)					8.3 (18.2)	7.0 (15.4)
56 (183'9")											7.9 (17.4)	6.6 (14.5)
58 (190'3")												6.2 (13.6)
60 (196'10")												5.9 (13)
62 (203'5")												
64 (206'12")												
66 (216'6")												

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Jib Hook for "LJ" Operating Configuration




Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
49.5 (162'5")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
16 (52'6")	30.3 (66.7)											
18 (59'1")	29.1 (64.1)											
20 (65'7")	26.8 (59)						17.1 (37.6)					
22 (72'2")	24.9 (54.8)						15.8 (34.8)					
24 (78'9")	23.2 (51.1)	26.2 (57.7)					14.7 (32.4)					
26 (85'4")	21.7 (47.8)	24.4 (53.7)					13.7 (30.2)					
28 (91'10")	20.4 (44.9)	22.7 (50)					12.8 (28.2)	14.9 (32.8)				
30 (98'5")	19.2 (42.3)	21.3 (46.9)					11.9 (26.2)	13.9 (30.6)				
32 (104'12")	18.2 (40.1)	20.1 (44.3)	18.4 (40.5)				11.2 (24.6)	12.9 (28.4)				
34 (111'7")	17.1 (37.6)	19.0 (41.8)	17.2 (37.9)				10.5 (23.1)	12.0 (26.4)				
36 (118'1")	15.9 (35)	17.7 (39)	16.1 (35.4)				9.9 (21.8)	11.3 (24.9)	13.1 (28.8)			
38 (124'8")	14.6 (32.1)	16.8 (37)	15.2 (33.5)				9.4 (20.7)	10.6 (23.3)	12.2 (26.8)			
40 (131'3")	13.5 (29.7)	15.9 (35)	14.3 (31.5)	12.9 (28.4)			8.8 (19.4)	10.0 (22)	11.4 (25.1)			
42 (137'10")	12.4 (27.3)	15.1 (33.2)	13.6 (29.9)	12.1 (26.6)			8.4 (18.5)	9.5 (20.9)	10.7 (23.5)			
44 (144'4")	11.5 (25.3)	14.2 (31.3)	12.9 (28.4)	11.4 (25.1)			8.0 (17.6)	9.0 (19.8)	10.1 (22.2)	11.4 (25.1)		
46 (150'11")		13.1 (28.8)	12.2 (26.8)	10.8 (23.8)			7.5 (16.5)	8.5 (18.7)	9.6 (21.1)	10.8 (23.8)		
48 (157'6")		12.0 (26.4)	11.6 (25.5)	10.3 (22.7)	9.1 (20)		7.1 (15.6)	8.1 (17.8)	9.1 (20)	10.2 (22.4)		
50 (164'0")			11.0 (24.2)	9.8 (21.6)	8.6 (18.9)		6.8 (14.9)	7.7 (16.9)	8.6 (18.9)	9.7 (21.3)		
52 (170'7")			10.4 (22.9)	9.2 (20.2)	8.2 (18)		6.5 (14.3)	7.2 (15.8)	8.2 (18)	9.1 (20)	8.1 (17.8)	
54 (177'2")			9.9 (21.8)	8.8 (19.4)	7.7 (16.9)	6.7 (14.7)	6.2 (13.6)	6.9 (15.2)	7.8 (17.1)	8.7 (19.1)	7.5 (16.5)	
56 (183'9")				8.3 (18.2)	7.2 (15.8)	6.3 (13.8)		6.6 (14.5)	7.3 (16)	8.2 (18)	7.1 (15.6)	
58 (190'10")				8.0 (17.6)	6.8 (14.9)	5.9 (13)		6.3 (13.8)	7.0 (15.4)	7.8 (17.1)	6.6 (14.5)	
60 (196'10")					6.5 (14.3)	5.6 (12.3)			6.7 (14.7)	7.4 (16.3)	6.3 (13.8)	5.1 (11.2)
62 (203'5")					6.2 (13.6)	5.3 (11.6)			6.4 (14.1)	7.0 (15.4)	5.9 (13)	4.7 (10.3)
64 (209'12")						5.0 (11)				6.7 (14.7)	5.6 (12.3)	4.4 (9.7)
66 (216'6")						4.7 (10.3)				6.4 (14.1)	5.3 (11.6)	4.2 (9.2)
68 (223'1")											5.0 (11)	3.9 (8.5)
70 (229'8")											4.7 (10.3)	3.7 (8.1)
72 (236'3")												3.5 (7.7)
74 (242'9")												3.3 (7.2)
76 (249'4")												

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 49.5 (162'5")

Jib length: m (ft & in.)	61 (200'2")													
Radius: m (ft & in.)	Main boom angle: deg.													
	88°	83°	78°	73°	68°	63°								
12 (39'4")														
14 (45'11")														
16 (52'6")														
18 (59'1")														
20 (65'7")														
22 (72'2")	9.5 (20.9)													
24 (78'9")	8.8 (19.4)													
26 (85'4")	7.9 (17.4)													
28 (91'10")	6.7 (14.7)													
30 (98'5")	5.8 (12.7)													
32 (104'12")	4.9 (10.8)	7.7 (16.9)												
34 (111'7")	4.2 (9.2)	7.1 (15.6)												
36 (118'1")	3.5 (7.7)	6.6 (14.5)												
38 (124'8")	2.8 (6.1)	5.9 (13)												
40 (131'3")	2.1 (4.6)	5.2 (11.4)	6.6 (14.5)											
42 (137'10")		4.6 (10.1)	6.0 (13.2)											
44 (144'4")		4.0 (8.8)	5.3 (11.6)											
46 (150'11")		3.5 (7.7)	4.7 (10.3)											
48 (157'6")		3.0 (6.6)	4.1 (9)											
50 (164'0")		2.4 (5.2)	3.6 (7.9)	4.8 (10.5)										
52 (170'7")		2.0 (4.4)	3.1 (6.8)	4.2 (9.2)										
54 (177'2")			2.6 (5.7)	3.6 (7.9)										
56 (183'9")			2.1 (4.6)	3.1 (6.8)										
58 (190'3")				2.7 (5.9)										
60 (196'10")				2.1 (4.6)										
62 (203'5")														
64 (206'12")														
66 (216'6")														
68 (223'1")														


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Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)


Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

52.5 (172'3")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")	41.3 (91)											
14 (45'11")	41.3 (91)						41.3 (91)					
16 (52'6")	41.3 (91)						41.3 (91)					
18 (59'1")	41.3 (91)	39.8 (87.7)					41.3 (91)	39.7 (87.5)				
20 (65'7")	37.0 (81.5)	35.9 (79.1)					37.4 (82.4)	35.9 (79.1)				
22 (72'2")	31.9 (70.3)	32.8 (72.3)					32.3 (71.2)	32.8 (72.3)				
24 (78'9")	27.5 (60.6)	30.2 (66.5)	27.5 (60.6)				28.4 (62.6)	30.2 (66.5)				
26 (85'4")		27.9 (61.5)	25.4 (55.9)				25.0 (55.1)	27.9 (61.5)	25.5 (56.2)			
28 (91'10")		26.0 (57.3)	23.6 (52)				20.5 (45.1)	26.0 (57.3)	23.7 (52.2)			
30 (98'5")			22.0 (48.5)	19.9 (43.8)				24.4 (53.7)	22.0 (48.5)			
32 (104'12")			20.6 (45.4)	18.6 (41)				22.5 (49.6)	20.5 (45.1)	18.8 (41.4)		
34 (111'7")			19.2 (42.3)	17.4 (38.3)					19.0 (41.8)	17.3 (38.1)		
36 (118'1")				16.3 (35.9)	14.7 (32.4)				17.6 (38.8)	16.1 (35.4)		
38 (124'8")				15.3 (33.7)	13.7 (30.2)					15.1 (33.2)	13.4 (29.5)	
40 (131'3")					12.8 (28.2)					14.1 (31)	12.5 (27.5)	
42 (137'10")					11.9 (26.2)	10.7 (23.5)					11.7 (25.7)	
44 (144'4")						10.0 (22)					11.0 (24.2)	9.7 (21.3)
46 (150'11")						9.4 (20.7)						9.1 (20)
48 (157'6")												8.5 (18.7)
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												

Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
52.5 (172'3")

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
	Main boom angle: deg.											
Radius: m (ft & in.)	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")												
14 (45'11")	41.3 (91)											
16 (52'6")	41.3 (91)						36.6 (80.6)					
18 (59'1")	40.8 (89.9)						36.1 (79.5)					
20 (65'7")	37.0 (81.5)	34.5 (76)					35.6 (78.4)					
22 (72'2")	33.2 (73.1)	31.4 (69.2)					32.5 (71.6)					
24 (78'9")	29.1 (64.1)	28.9 (63.7)					29.7 (65.4)	27.7 (61)				
26 (85'4")	26.0 (57.3)	26.6 (58.6)					26.3 (57.9)	25.6 (56.4)				
28 (91'10")	23.1 (50.9)	24.7 (54.4)	22.5 (49.6)				23.6 (52)	23.8 (52.4)				
30 (98'5")	20.7 (45.6)	23.1 (50.9)	20.9 (46)				21.2 (46.7)	22.1 (48.7)	20.0 (44)			
32 (104'12")	18.8 (41.4)	21.6 (47.6)	19.6 (43.2)				19.3 (42.5)	20.7 (45.6)	18.7 (41.2)			
34 (111'7")		20.4 (44.9)	18.4 (40.5)	16.5 (36.3)			17.5 (38.5)	19.4 (42.7)	17.5 (38.5)			
36 (118'1")		19.3 (42.5)	17.3 (38.1)	15.5 (34.1)			16.1 (35.4)	18.3 (40.3)	16.4 (36.1)			
38 (124'8")		17.9 (39.4)	16.3 (35.9)	14.7 (32.4)			14.8 (32.6)	17.3 (38.1)	15.5 (34.1)	13.9 (30.6)		
40 (131'3")			15.3 (33.7)	13.9 (30.6)				16.5 (36.3)	14.7 (32.4)	13.1 (28.8)		
42 (137'10")			14.3 (31.5)	13.1 (28.8)	11.5 (25.3)			15.2 (33.5)	13.9 (30.6)	12.3 (27.1)		
44 (144'4")				12.2 (26.8)	10.8 (23.8)			14.0 (30.8)	13.3 (29.3)	11.7 (25.7)	10.3 (22.7)	
46 (150'11")				11.5 (25.3)	10.1 (22.2)				12.5 (27.5)	11.1 (24.4)	9.7 (21.3)	
48 (157'6")					9.6 (21.1)	8.2 (18)			11.8 (26)	10.5 (23.1)	9.3 (20.5)	
50 (164'0")					9.0 (19.8)	7.7 (16.9)				9.9 (21.8)	8.8 (19.4)	
52 (170'7")						7.2 (15.8)				9.4 (20.7)	8.3 (18.2)	6.8 (14.9)
54 (177'2")						6.8 (14.9)					7.8 (17.1)	6.4 (14.1)
56 (183'9")											7.3 (16)	6.0 (13.2)
58 (190'3")												5.6 (12.3)
60 (196'10")												5.3 (11.6)
62 (203'5")												

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Jib Hook for "LJ" Operating Configuration




Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

52.5 (172'3")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
18 (59'1")	27.3 (60.1)											
20 (65'7")	26.9 (59.3)						17.2 (37.9)					
22 (72'2")	25.0 (55.1)						15.9 (35)					
24 (78'9")	23.3 (51.3)						14.7 (32.4)					
26 (85'4")	21.7 (47.8)	24.7 (54.4)					13.7 (30.2)					
28 (91'10")	20.4 (44.9)	23.1 (50.9)					12.8 (28.2)	15.1 (33.2)				
30 (98'5")	19.2 (42.3)	21.6 (47.6)					11.9 (26.2)	14.0 (30.8)				
32 (104'12")	18.2 (40.1)	20.3 (44.7)					11.2 (24.6)	13.1 (28.8)				
34 (111'7")	17.1 (37.6)	19.2 (42.3)	17.5 (38.5)				10.5 (23.1)	12.2 (26.8)				
36 (118'1")	16.0 (35.2)	18.2 (40.1)	16.5 (36.3)				9.9 (21.8)	11.4 (25.1)				
38 (124'8")	14.7 (32.4)	17.1 (37.6)	15.6 (34.3)				9.4 (20.7)	10.7 (23.5)	12.4 (27.3)			
40 (131'3")	13.6 (29.9)	16.3 (35.9)	14.7 (32.4)	13.2 (29.1)			8.9 (19.6)	10.1 (22.2)	11.6 (25.5)			
42 (137'10")	12.4 (27.3)	15.5 (34.1)	14.0 (30.8)	12.4 (27.3)			8.4 (18.5)	9.6 (21.1)	10.9 (24)			
44 (144'4")	11.5 (25.3)	14.3 (31.5)	13.1 (28.8)	11.7 (25.7)			8.0 (17.6)	9.0 (19.8)	10.3 (22.7)			
46 (150'11")		13.3 (29.3)	12.3 (27.1)	11.2 (24.6)			7.5 (16.5)	8.6 (18.9)	9.7 (21.3)	10.2 (22.4)		
48 (157'6")		12.2 (26.8)	11.6 (25.5)	10.5 (23.1)	8.9 (19.6)		7.1 (15.6)	8.1 (17.8)	9.2 (20.2)	9.7 (21.3)		
50 (164'0")		11.3 (24.9)	11.0 (24.2)	10.0 (22)	8.3 (18.2)		6.8 (14.9)	7.7 (16.9)	8.7 (19.1)	9.2 (20.2)		
52 (170'7")			10.4 (22.9)	9.4 (20.7)	7.8 (17.1)		6.5 (14.3)	7.3 (16)	8.3 (18.2)	8.8 (19.4)		
54 (177'2")			9.9 (21.8)	9.0 (19.8)	7.3 (16)		6.2 (13.6)	6.9 (15.2)	7.9 (17.4)	8.4 (18.5)	7.0 (15.4)	
56 (183'9")				8.5 (18.7)	6.8 (14.9)	5.7 (12.5)		6.6 (14.5)	7.4 (16.3)	8.0 (17.6)	6.5 (14.3)	
58 (190'3")				8.1 (17.8)	6.5 (14.3)	5.4 (11.9)		6.3 (13.8)	7.1 (15.6)	7.5 (16.5)	6.1 (13.4)	
60 (196'10")					6.1 (13.4)	5.1 (11.2)			6.7 (14.7)	7.1 (15.6)	5.8 (12.7)	
62 (203'5")					5.8 (12.7)	4.7 (10.3)			6.5 (14.3)	6.8 (14.9)	5.4 (11.9)	4.2 (9.2)
64 (209'12")						4.5 (9.9)				6.4 (14.1)	5.1 (11.2)	3.9 (8.5)
66 (216'6")						4.2 (9.2)				6.1 (13.4)	4.8 (10.5)	3.6 (7.9)
68 (223'1")											4.5 (9.9)	3.4 (7.4)
70 (229'8")											4.3 (9.4)	3.2 (7)
72 (236'3")											4.1 (9)	3.0 (6.6)
74 (242'9")												2.8 (6.1)
76 (249'4")												2.6 (5.7)

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 52.5 (172'3")

Jib length: m (ft & in.)	61 (200'2")												
Radius: m (ft & in.)	Main boom angle: deg.												
	88°	83°	78°	73°	68°	63°							
16 (52'6")													
18 (59'1")													
20 (65'7")													
22 (72'2")	9.6 (21.1)												
24 (78'9")	8.8 (19.4)												
26 (85'4")	7.9 (17.4)												
28 (91'10")	6.8 (14.9)												
30 (98'5")	5.8 (12.7)												
32 (104'12")	5.0 (11)	7.8 (17.1)											
34 (111'7")	4.2 (9.2)	7.1 (15.6)											
36 (118'1")	3.5 (7.7)	6.7 (14.7)											
38 (124'8")	2.8 (6.1)	6.1 (13.4)											
40 (131'3")	2.1 (4.6)	5.4 (11.9)	6.8 (14.9)										
42 (137'10")		4.7 (10.3)	6.3 (13.8)										
44 (144'4")		4.1 (9)	5.6 (12.3)										
46 (150'11")		3.6 (7.9)	4.9 (10.8)										
48 (157'6")		3.1 (6.8)	4.3 (9.4)										
50 (164'0")		2.6 (5.7)	3.7 (8.1)	5.0 (11)									
52 (170'7")		2.1 (4.6)	3.2 (7)	4.4 (9.7)									
54 (177'2")			2.7 (5.9)	3.9 (8.5)									
56 (183'9")			2.2 (4.8)	3.3 (7.2)									
58 (190'3")			1.8 (3.9)	2.9 (6.3)									
60 (196'10")				2.3 (5)									
62 (203'5")				1.9 (4.1)									
64 (206'12")													
66 (216'6")													
68 (223'1")													
70 (229'8")													


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Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)												
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000												
52.5 (172'3")												
Jib length: m (ft & in.)	61 (200'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")	41.3 (91)											
14 (45'11")	41.3 (91)						41.3 (91)					
16 (52'6")	41.3 (91)						41.0 (90.3)					
18 (59'1")	38.0 (83.7)	38.6 (85)					37.4 (82.4)					
20 (65'7")	35.1 (77.3)	34.9 (76.9)					34.5 (76)	35.0 (77.1)				
22 (72'2")	32.1 (70.7)	31.8 (70.1)					31.9 (70.3)	31.9 (70.3)				
24 (78'9")	27.9 (61.5)	29.3 (64.5)	26.4 (58.2)				28.9 (63.7)	29.4 (64.8)				
26 (85'4")		27.1 (59.7)	24.4 (53.7)				25.5 (56.2)	27.1 (59.7)	24.6 (54.2)			
28 (91'10")		25.3 (55.7)	22.6 (49.8)				21.1 (46.5)	25.3 (55.7)	22.7 (50)			
30 (98'5")		23.8 (52.4)	21.1 (46.5)	18.9 (41.6)				23.7 (52.2)	21.2 (46.7)			
32 (104'12")			19.8 (43.6)	17.6 (38.8)				22.3 (49.1)	19.9 (43.8)	18.3 (40.3)		
34 (111'7")			18.7 (41.2)	16.5 (36.3)					18.8 (41.4)	16.8 (37)		
36 (118'1")				15.6 (34.3)	13.8 (30.4)				17.4 (38.3)	15.7 (34.6)		
38 (124'8")				14.8 (32.6)	13.0 (28.6)					14.6 (32.1)	13.0 (28.6)	
40 (131'3")					12.1 (26.6)					13.7 (30.2)	12.1 (26.6)	
42 (137'10")					11.4 (25.1)	9.4 (20.7)				12.8 (28.2)	11.3 (24.9)	
44 (144'4")					10.7 (23.5)	9.2 (20.2)					10.6 (23.3)	8.9 (19.6)
46 (150'11")						8.6 (18.9)					10.0 (22)	8.3 (18.2)
48 (157'6")						8.1 (17.8)						7.8 (17.1)
50 (164'0")												7.2 (15.8)
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (206'12")												
66 (216'6")												

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)	
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000	
52.5 (172'3")	

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")												
14 (45'11")	41.3 (91)											
16 (52'6")	40.5 (89.2)						32.8 (72.3)					
18 (59'1")	36.9 (81.3)						32.2 (70.9)					
20 (65'7")	34.0 (74.9)						31.5 (69.4)					
22 (72'2")	31.4 (69.2)	30.5 (67.2)					30.6 (67.4)					
24 (78'9")	29.2 (64.3)	28.1 (61.9)					28.5 (62.8)	26.9 (59.3)				
26 (85'4")	25.9 (57)	25.9 (57)					26.4 (58.2)	24.9 (54.8)				
28 (91'10")	23.2 (51.1)	24.1 (53.1)	21.6 (47.6)				23.7 (52.2)	23.1 (50.9)				
30 (98'5")	20.8 (45.8)	22.4 (49.3)	20.2 (44.5)				21.3 (46.9)	21.5 (47.3)				
32 (104'12")	18.8 (41.4)	21.0 (46.2)	18.9 (41.6)				19.4 (42.7)	20.1 (44.3)	18.0 (39.6)			
34 (111'7")	15.9 (35)	19.8 (43.6)	17.6 (38.8)				17.6 (38.8)	18.9 (41.6)	16.8 (37)			
36 (118'1")		18.8 (41.4)	16.6 (36.5)	14.7 (32.4)			16.1 (35.4)	17.7 (39)	15.8 (34.8)			
38 (124'8")		17.9 (39.4)	15.7 (34.6)	13.9 (30.6)			14.8 (32.6)	16.8 (37)	14.9 (32.8)	13.1 (28.8)		
40 (131'3")			14.9 (32.8)	13.1 (28.8)				15.9 (35)	14.1 (31)	12.3 (27.1)		
42 (137'10")			14.0 (30.8)	12.4 (27.3)	10.8 (23.8)			15.2 (33.5)	13.4 (29.5)	11.6 (25.5)		
44 (144'4")				11.8 (26)	10.1 (22.2)			14.2 (31.3)	12.6 (27.7)	11.0 (24.2)		
46 (150'11")				11.1 (24.4)	9.5 (20.9)				12.0 (26.4)	10.4 (22.9)	9.0 (19.8)	
48 (157'6")				10.5 (23.1)	8.9 (19.6)	7.4 (16.3)			11.5 (25.3)	10.0 (22)	8.5 (18.7)	
50 (164'0")					8.4 (18.5)	6.9 (15.2)				9.5 (20.9)	8.1 (17.8)	
52 (170'7")					7.9 (17.4)	6.5 (14.3)				9.0 (19.8)	7.7 (16.9)	6.1 (13.4)
54 (177'2")						6.1 (13.4)				8.6 (18.9)	7.2 (15.8)	5.7 (12.5)
56 (183'9")						5.7 (12.5)					6.8 (14.9)	5.3 (11.6)
58 (190'3")											6.4 (14.1)	5.0 (11)
60 (196'10")												4.7 (10.3)
62 (203'5")												4.4 (9.7)
64 (206'12")												
66 (216'6")												

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Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
55.5 (182'1")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
18 (59'1")	27.3 (60.1)											
20 (65'7")	27.0 (59.5)						17.2 (37.9)					
22 (72'2")	25.0 (55.1)						15.9 (35)					
24 (78'9")	23.3 (51.3)						14.8 (32.6)					
26 (85'4")	21.8 (48)	24.8 (54.6)					13.7 (30.2)					
28 (91'10")	20.4 (44.9)	23.1 (50.9)					12.8 (28.2)	15.3 (33.7)				
30 (98'5")	19.3 (42.5)	21.5 (47.3)					11.9 (26.2)	14.2 (31.3)				
32 (104'12")	18.2 (40.1)	20.1 (44.3)					11.2 (24.6)	13.2 (29.1)				
34 (111'7")	17.2 (37.9)	18.9 (41.6)	16.9 (37.2)				10.5 (23.1)	12.3 (27.1)				
36 (118'1")	16.0 (35.2)	17.9 (39.4)	15.9 (35)				9.9 (21.8)	11.5 (25.3)				
38 (124'8")	14.7 (32.4)	16.8 (37)	15.0 (33)				9.4 (20.7)	10.8 (23.8)	12.6 (27.7)			
40 (131'3")	13.6 (29.9)	15.9 (35)	14.2 (31.3)				8.9 (19.6)	10.2 (22.4)	11.8 (26)			
42 (137'10")	12.5 (27.5)	15.1 (33.2)	13.4 (29.5)	11.8 (26)			8.4 (18.5)	9.6 (21.1)	11.1 (24.4)			
44 (144'4")	11.5 (25.3)	14.4 (31.7)	12.8 (28.2)	11.1 (24.4)			8.0 (17.6)	9.1 (20)	10.5 (23.1)			
46 (150'11")		13.4 (29.5)	12.0 (26.4)	10.6 (23.3)			7.5 (16.5)	8.6 (18.9)	9.9 (21.8)	9.7 (21.3)		
48 (157'6")		12.4 (27.3)	11.4 (25.1)	10.1 (22.2)			7.1 (15.6)	8.2 (18)	9.4 (20.7)	9.2 (20.2)		
50 (164'0")		11.4 (25.1)	10.7 (23.5)	9.6 (21.1)	7.7 (16.9)		6.8 (14.9)	7.8 (17.1)	8.9 (19.6)	8.7 (19.1)		
52 (170'7")			10.2 (22.4)	9.1 (20)	7.1 (15.6)		6.5 (14.3)	7.3 (16)	8.4 (18.5)	8.3 (18.2)		
54 (177'2")			9.7 (21.3)	8.6 (18.9)	6.7 (14.7)		6.2 (13.6)	7.0 (15.4)	8.0 (17.6)	7.9 (17.4)	6.4 (14.1)	
56 (183'9")				8.2 (18)	6.3 (13.8)	5.1 (11.2)		6.6 (14.5)	7.5 (16.5)	7.4 (16.3)	6.0 (13.2)	
58 (190'3")				7.8 (17.1)	5.9 (13)	4.7 (10.3)		6.4 (14.1)	7.1 (15.6)	7.1 (15.6)	5.6 (12.3)	
60 (196'10")				7.3 (16)	5.6 (12.3)	4.4 (9.7)			6.8 (14.9)	6.7 (14.7)	5.2 (11.4)	
62 (203'5")					5.2 (11.4)	4.1 (9)			6.5 (14.3)	6.4 (14.1)	4.9 (10.8)	3.6 (7.9)
64 (206'12")					5.0 (11)	3.9 (8.5)			6.3 (13.8)	6.0 (13.2)	4.6 (10.1)	3.3 (7.2)
66 (216'6")						3.6 (7.9)				5.7 (12.5)	4.3 (9.4)	3.1 (6.8)
68 (223'1")						3.4 (7.4)				5.4 (11.9)	4.1 (9)	
70 (229'8")											3.8 (8.3)	
72 (236'3")											3.6 (7.9)	

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 58.5 (191'11")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
14 (45'11")	40.2 (88.6)						40.0 (88.1)					
16 (52'6")	36.4 (80.2)						36.1 (79.5)					
18 (59'1")	33.3 (73.4)	37.5 (82.6)					32.9 (72.5)					
20 (65'7")	30.6 (67.4)	34.0 (74.9)					30.3 (66.7)	34.1 (75.1)				
22 (72'2")	28.5 (62.8)	31.0 (68.3)					28.1 (61.9)	31.1 (68.5)				
24 (78'9")	26.7 (58.8)	28.6 (63)					26.1 (57.5)	28.7 (63.2)				
26 (85'4")		26.4 (58.2)	23.6 (52)				24.6 (54.2)	26.5 (58.4)	23.8 (52.4)			
28 (91'10")		24.6 (54.2)	21.8 (48)				21.4 (47.1)	24.7 (54.4)	22.0 (48.5)			
30 (98'5")		23.2 (51.1)	20.4 (44.9)					23.1 (50.9)	20.6 (45.4)			
32 (104'12")			19.1 (42.1)	16.8 (37)				21.7 (47.8)	19.3 (42.5)			
34 (111'7")			18.0 (39.6)	15.7 (34.6)					18.2 (40.1)	16.6 (36.5)		
36 (118'1")				14.8 (32.6)					17.1 (37.6)	15.4 (33.9)		
38 (124'8")				14.0 (30.8)	12.1 (26.6)				16.0 (35.2)	14.4 (31.7)		
40 (131'3")				13.4 (29.5)	11.4 (25.1)					13.5 (29.7)	11.5 (25.3)	
42 (137'10")					10.8 (23.8)					12.5 (27.5)	10.8 (23.8)	
44 (144'4")					10.2 (22.4)	8.7 (19.1)					10.0 (22)	
46 (150'11")						8.2 (18)					9.4 (20.7)	7.8 (17.1)
48 (157'6")						7.5 (16.5)					8.8 (19.4)	7.2 (15.8)
50 (164'0")												6.8 (14.9)
52 (170'7")												6.3 (13.8)
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (206'12")												
66 (216'6")												
68 (223'1")												

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Jib Hook for "LJ" Operating Configuration




Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)	
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000	
58.5 (191'11")	

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
14 (45'11")	38.8 (85.5)											
16 (52'6")	35.1 (77.3)						27.3 (60.1)					
18 (59'1")	32.0 (70.5)						27.3 (60.1)					
20 (65'7")	29.4 (64.8)						27.3 (60.1)					
22 (72'2")	27.1 (59.7)	29.8 (65.6)					26.8 (59)					
24 (78'9")	25.3 (55.7)	27.3 (60.1)					24.9 (54.8)	27.3 (60.1)				
26 (85'4")	23.7 (52.2)	25.3 (55.7)					23.3 (51.3)	25.3 (55.7)				
28 (91'10")	22.2 (48.9)	23.5 (51.8)					21.7 (47.8)	23.5 (51.8)				
30 (98'5")	20.9 (46)	21.9 (48.2)	19.5 (42.9)				20.4 (44.9)	21.9 (48.2)				
32 (104'12")	19.2 (42.3)	20.5 (45.1)	18.2 (40.1)				19.3 (42.5)	20.6 (45.4)	18.4 (40.5)			
34 (111'7")	16.4 (36.1)	19.3 (42.5)	17.0 (37.4)				17.6 (38.8)	19.4 (42.7)	17.2 (37.9)			
36 (118'1")		18.3 (40.3)	16.0 (35.2)	14.1 (31)			16.1 (35.4)	18.3 (40.3)	16.2 (35.7)			
38 (124'8")		17.3 (38.1)	15.2 (33.5)	13.3 (29.3)			14.8 (32.6)	17.2 (37.9)	15.3 (33.7)			
40 (131'3")			14.4 (31.7)	12.4 (27.3)				16.4 (36.1)	14.5 (31.9)	12.6 (27.7)		
42 (137'10")			13.7 (30.2)	11.8 (26)				15.4 (33.9)	13.7 (30.2)	11.9 (26.2)		
44 (144'4")			13.1 (28.8)	11.2 (24.6)	9.6 (21.1)			14.4 (31.7)	12.9 (28.4)	11.2 (24.6)		
46 (150'11")				10.7 (23.5)	9.1 (20)				12.1 (26.6)	10.6 (23.3)	8.7 (19.1)	
48 (157'6")				10.2 (22.4)	8.6 (18.9)				11.4 (25.1)	10.0 (22)	8.2 (18)	
50 (164'0")					8.1 (17.8)	6.2 (13.6)			10.8 (23.8)	9.4 (20.7)	7.7 (16.9)	
52 (170'7")					7.5 (16.5)	5.8 (12.7)				8.9 (19.6)	7.1 (15.6)	
54 (177'2")						5.5 (12.1)				8.5 (18.7)	6.7 (14.7)	5.1 (11.2)
56 (183'9")						5.1 (11.2)					6.3 (13.8)	4.7 (10.3)
58 (190'3")						4.8 (10.5)					5.9 (13)	4.4 (9.7)
60 (196'10")												4.1 (9)
62 (203'5")												3.9 (8.5)
64 (206'12")												3.6 (7.9)
66 (216'6")												
68 (223'1")												

Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
58.5 (191'11")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
16 (52'6")	26.9 (59.3)											
18 (59'1")	26.4 (58.2)											
20 (65'7")	25.1 (55.3)						17.3 (38.1)					
22 (72'2")	23.4 (51.5)						16.0 (35.2)					
24 (78'9")	21.8 (48)	24.3 (53.5)					14.8 (32.6)					
26 (85'4")	20.5 (45.1)	22.5 (49.6)					13.8 (30.4)					
28 (91'10")	19.3 (42.5)	21.0 (46.2)					12.9 (28.4)					
30 (98'5")	18.2 (40.1)	19.7 (43.4)					12.0 (26.4)	14.4 (31.7)				
32 (104'12")	17.2 (37.9)	18.5 (40.7)	16.3 (35.9)				11.2 (24.6)	13.4 (29.5)				
34 (111'7")	16.0 (35.2)	17.4 (38.3)	15.4 (33.9)				10.5 (23.1)	12.4 (27.3)				
36 (118'1")	14.7 (32.4)	16.4 (36.1)	14.5 (31.9)				9.9 (21.8)	11.6 (25.5)				
38 (124'8")	13.6 (29.9)	15.5 (34.1)	13.7 (30.2)				9.4 (20.7)	10.9 (24)	13.0 (28.6)			
40 (131'3")	12.5 (27.5)	14.8 (32.6)	13.0 (28.6)	11.2 (24.6)			8.9 (19.6)	10.3 (22.7)	12.1 (26.6)			
42 (137'10")	11.6 (25.5)	14.1 (31)	12.2 (26.8)	10.6 (23.3)			8.4 (18.5)	9.7 (21.3)	11.3 (24.9)			
44 (144'4")		13.4 (29.5)	11.7 (25.7)	10.1 (22.2)			8.0 (17.6)	9.2 (20.2)	10.7 (23.5)			
46 (150'11")		12.5 (27.5)	11.1 (24.4)	9.6 (21.1)			7.5 (16.5)	8.7 (19.1)	10.1 (22.2)			
48 (157'6")		11.6 (25.5)	10.5 (23.1)	9.1 (20)	7.0 (15.4)		7.1 (15.6)	8.3 (18.2)	9.5 (20.9)	8.7 (19.1)		
50 (164'0")			10.0 (22)	8.7 (19.1)	6.6 (14.5)		6.8 (14.9)	7.8 (17.1)	9.0 (19.8)	8.2 (18)		
52 (170'7")			9.5 (20.9)	8.3 (18.2)	6.2 (13.6)		6.5 (14.3)	7.4 (16.3)	8.5 (18.7)	7.8 (17.1)		
54 (177'2")			9.0 (19.8)	7.8 (17.1)	5.8 (12.7)		6.2 (13.6)	7.0 (15.4)	8.1 (17.8)	7.3 (16)		
56 (183'9")				7.3 (16)	5.4 (11.9)	4.2 (9.2)		6.7 (14.7)	7.7 (16.9)	7.0 (15.4)	5.5 (12.1)	
58 (190'3")				6.9 (15.2)	5.1 (11.2)	3.9 (8.5)		6.4 (14.1)	7.2 (15.8)	6.7 (14.7)	5.1 (11.2)	
60 (196'10")					4.8 (10.5)	3.6 (7.9)			6.9 (15.2)	6.4 (14.1)	4.8 (10.5)	
62 (203'5")					4.5 (9.9)	3.4 (7.4)			6.6 (14.5)	6.0 (13.2)	4.5 (9.9)	
64 (206'12")						3.1 (6.8)			6.3 (13.8)	5.7 (12.5)	4.2 (9.2)	
66 (216'6")						2.9 (6.3)				5.4 (11.9)	3.9 (8.5)	
68 (223'1")										5.1 (11.2)	3.7 (8.1)	
70 (229'8")											3.4 (7.4)	
72 (236'3")											3.2 (7)	
74 (242'9")											3.0 (6.6)	


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Jib Hook for "LJ" Operating Configuration




Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

61.5 (201'9")

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
14 (45'11")	34.2 (75.3)											
16 (52'6")	30.8 (67.9)						27.3 (60.1)					
18 (59'1")	28.1 (61.9)						27.3 (60.1)					
20 (65'7")	25.8 (56.8)						25.4 (55.9)					
22 (72'2")	23.8 (52.4)	28.8 (63.4)					23.5 (51.8)					
24 (78'9")	22.1 (48.7)	26.3 (57.9)					21.7 (47.8)	25.1 (55.3)				
26 (85'4")	20.6 (45.4)	23.9 (52.6)					20.2 (44.5)	23.2 (51.1)				
28 (91'10")	19.4 (42.7)	22.4 (49.3)					18.9 (41.6)	21.5 (47.3)				
30 (98'5")	18.3 (40.3)	20.8 (45.8)	18.7 (41.2)				17.7 (39)	20.0 (44)				
32 (104'12")	17.3 (38.1)	19.5 (42.9)	17.4 (38.3)				16.7 (36.8)	18.8 (41.4)	17.6 (38.8)			
34 (111'7")	16.6 (36.5)	18.3 (40.3)	16.3 (35.9)				15.8 (34.8)	17.6 (38.8)	16.5 (36.3)			
36 (118'1")		17.2 (37.9)	15.4 (33.9)				15.0 (33)	16.6 (36.5)	15.6 (34.3)			
38 (124'8")		16.4 (36.1)	14.5 (31.9)	12.4 (27.3)			14.4 (31.7)	15.7 (34.6)	14.7 (32.4)			
40 (131'3")			13.8 (30.4)	11.7 (25.7)			13.0 (28.6)	14.9 (32.8)	13.9 (30.6)	12.0 (26.4)		
42 (137'10")			13.1 (28.8)	11.1 (24.4)				14.2 (31.3)	13.2 (29.1)	11.3 (24.9)		
44 (144'4")			12.4 (27.3)	10.5 (23.1)	8.8 (19.4)			13.6 (29.9)	12.6 (27.7)	10.7 (23.5)		
46 (150'11")				10.0 (22)	8.3 (18.2)			13.6 (29.9)	11.8 (26)	10.2 (22.4)		
48 (157'6")				9.6 (21.1)	7.9 (17.4)				11.2 (24.6)	9.7 (21.3)	7.4 (16.3)	
50 (164'0")				9.2 (20.2)	7.3 (16)				10.6 (23.3)	9.3 (20.5)	9.6 (15.2)	
52 (170'7")					6.8 (14.9)	5.1 (11.2)				8.7 (19.1)	6.5 (14.3)	
54 (177'2")					6.4 (14.1)	4.7 (10.3)				8.2 (18)	6.1 (13.4)	
56 (183'9")						4.4 (9.7)					5.7 (12.5)	4.3 (9.4)
58 (190'3")						4.1 (9)					5.3 (11.6)	4.0 (8.8)
60 (196'10")											5.0 (11)	3.7 (8.1)
62 (203'5")												3.5 (7.7)
64 (206'12")												3.2 (7)
66 (216'6")												
68 (223'1")												

Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
61.5 (201'9")

Jib length: m (ft & in.)	34 (141'1")						52 (107'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
18 (59'1")	25.9 (57)											
20 (65'7")	25.1 (55.3)						17.3 (38.1)					
22 (72'2")	23.1 (50.9)						16.0 (35.2)					
24 (78'9")	21.3 (46.9)						14.8 (32.6)					
26 (85'4")	19.8 (43.6)	22.8 (50.2)					13.8 (30.4)					
28 (91'10")	18.5 (40.7)	21.1 (46.5)					12.9 (28.4)					
30 (98'5")	17.3 (38.1)	19.7 (43.4)					12.0 (26.4)	14.5 (31.9)				
32 (104'12")	16.2 (35.7)	18.4 (40.5)					11.2 (24.6)	13.5 (29.7)				
34 (111'7")	15.3 (33.7)	17.1 (37.6)	15.7 (34.6)				10.6 (23.3)	12.6 (27.7)				
36 (118'1")	14.5 (31.9)	16.1 (35.4)	14.8 (32.6)				9.9 (21.8)	11.8 (26)				
38 (124'8")	13.8 (30.4)	15.2 (33.5)	13.9 (30.6)				9.4 (20.7)	11.0 (24.2)	12.9 (28.4)			
40 (131'3")	13.1 (28.8)	14.4 (31.7)	13.2 (29.1)				8.9 (19.6)	10.4 (22.9)	12.1 (26.6)			
42 (137'10")	12.4 (27.3)	13.7 (30.2)	12.4 (27.3)				8.4 (18.5)	9.8 (21.6)	11.4 (25.1)			
44 (144'4")	11.6 (25.5)	13.0 (28.6)	11.7 (25.7)	10.0 (22)			8.0 (17.6)	9.3 (20.5)	10.8 (23.8)			
46 (150'11")		12.3 (27.1)	11.2 (24.6)	9.5 (20.9)			7.5 (16.5)	8.8 (19.4)	10.2 (22.4)			
48 (157'6")		11.8 (26)	10.6 (23.3)	9.0 (19.8)			7.1 (15.6)	8.3 (17.4)	9.7 (21.3)	8.1 (17.8)		
50 (164'0")		11.4 (25.1)	10.2 (22.4)	8.6 (18.9)			6.8 (14.9)	7.9 (23.8)	9.7 (21.3)	7.7 (16.9)		
52 (170'7")			9.7 (21.3)	8.1 (17.8)	5.9 (13)		6.5 (14.3)	7.4 (16.3)	8.6 (18.9)	7.2 (15.8)		
54 (177'2")			9.2 (20.2)	7.8 (17.1)	5.5 (12.1)		6.2 (13.6)	7.1 (15.6)	8.2 (18)	6.8 (14.9)		
56 (183'9")			8.8 (19.4)	7.2 (15.8)	5.2 (11.4)			6.7 (14.7)	7.8 (17.1)	6.5 (14.3)	4.9 (10.8)	
58 (190'3")				6.8 (14.9)	4.8 (10.5)			6.4 (14.1)	7.3 (16)	6.2 (13.6)	4.5 (9.9)	
60 (196'10")				6.5 (14.3)	4.5 (9.9)			6.2 (13.6)	7.0 (15.4)	5.9 (13)	4.1 (9)	
62 (203'5")					4.2 (9.2)				6.7 (14.7)	5.6 (12.3)	3.9 (8.5)	
64 (206'12")					4.0 (8.8)				6.4 (14.1)	5.3 (11.6)	3.7 (8.1)	
66 (216'6")					3.7 (8.1)					5.0 (11)	3.4 (7.4)	
68 (223'1")										4.7 (10.3)	3.2 (7)	
70 (229'8")										4.4 (9.7)	3.0 (6.6)	
72 (236'3")											2.7 (5.9)	

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Extension Jib Hook for “LJ” Operating Configuration

- The actual hoisting capacity is the value of the rated hoisting weight listed in the charts minus the weight of the hook blocks, hangers, wire ropes and all the spreaders.
- The rated load in the charts is the value when the crane is hoisting a load on level, stable firm ground and the load is lifted slowly, steadily under a non-travel (stationary) condition. Listed rated load is within 75% of tipping load.

Luffing Jib Operating Condition

Table includes jib tip 6.5 m (21'4”) and jib base 6.5 m (21'4”)

Jib Length: meters (feet & inches)	Jib Inserts: meters (feet & inches)			Boom Length: meters (feet & inches)	Jib Tip Offset Angle
	A	B	C		
	3 m (9'10")	6 m (19'8")	12 (39'4")	D	
22 (72'2")	1	1	—	22.5 - 58.5 (73'10" - 191'11")	63° - 88°
25 (82')	—	—	1	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
31 (101'8")	—	1	1	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
37 (121'5")	—	—	2	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
43 (141'1")	—	1	2	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
52 (170'7")	1	—	3	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
61 (200'2")	2	1	3	22.5 - 52.5 (73'10" - 172'3")	63° - 88°

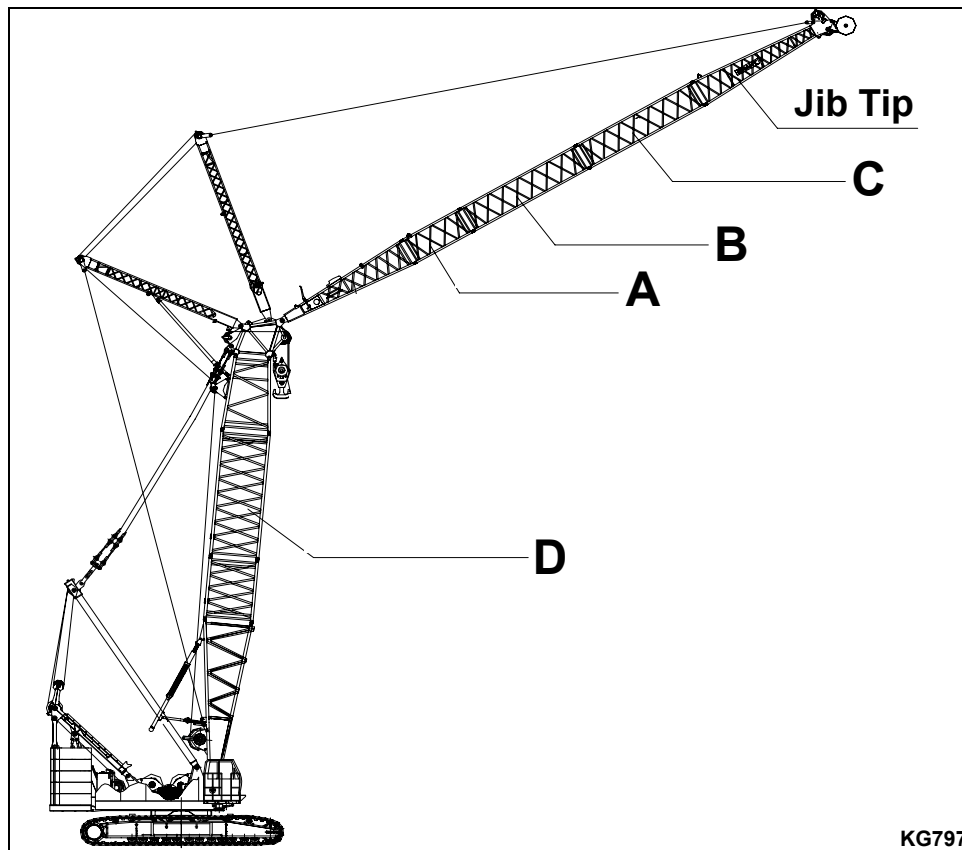


Fig. 8-13

KG797



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 22.5 (73'10")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
9.8 (32'2")	13.5 (29.7)											
10 (32'10")	13.5 (29.7)											
12 (39'4")	13.5 (29.7)						13.5 (29.7)					
14 (45'11")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
16 (52'6")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
18 (59'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
20 (65'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
22 (72'2")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
24 (78'9")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
26 (85'4")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
28 (91'10")				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
30 (98'5")					13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
32 (104'12")						13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
34 (111'7")											13.5 (29.7)	13.5 (29.7)
36 (118'1")												13.5 (29.7)
38 (124'8")												
40 (131'3")												
42 (137'10")												
44 (144'4")												
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												

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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 22.5 (73'10")

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
9.8 (32'2")												
10 (32'10")												
12 (39'4")	13.5 (29.7)											
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
22 (72'2")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
26 (85'4")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
34 (111'7")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
36 (118'1")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
38 (124'8")				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.362 (29.5)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
40 (131'3")					13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
42 (137'10")									13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
44 (144'4")										13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
46 (150'11")											13.5 (29.7)	13.464 (29.7)
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (169'10")												



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
22.5 (73'10")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")												
14 (45'11")												
16 (52'6")	13.5 (29.7)											
18 (59'1")	13.5 (29.7)						13.5 (29.7)					
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
26 (85'4")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.4 (29.5)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				12.5 (27.5)	13.4 (29.5)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.7 (25.7)	12.5 (27.5)	13.4 (29.5)			
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			11.0 (24.2)	11.7 (25.7)	12.4 (27.3)			
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			10.4 (22.9)	11.0 (24.2)	11.7 (25.7)			
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		9.8 (21.6)	10.4 (22.9)	11.0 (24.2)	11.7 (25.7)		
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		9.3 (20.5)	9.8 (21.6)	10.4 (22.9)	11.0 (24.2)		
40 (131'3")	13.3 (29.3)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		8.8 (19.4)	9.3 (20.5)	9.8 (21.6)	10.4 (22.9)		
42 (137'10")	12.1 (26.6)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	8.3 (18.2)	8.8 (19.4)	9.3 (20.5)	9.8 (21.6)	10.3 (22.7)	
44 (144'4")	10.5 (23.1)	12.5 (27.5)	13.4 (29.5)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	7.9 (17.4)	8.4 (18.5)	8.8 (19.4)	9.3 (20.5)	9.8 (21.6)	
46 (150'11")		11.2 (24.6)	12.3 (27.1)	13.5 (29.7)	13.5 (29.7)	13.3 (29.3)	7.2 (15.8)	8.0 (17.6)	8.4 (18.5)	8.8 (19.4)	9.3 (20.5)	
48 (157'6")			11.5 (25.3)	12.6 (27.7)	12.9 (28.4)	12.5 (27.5)	7.1 (15.6)	7.5 (16.5)	8.0 (17.6)	8.4 (18.5)	8.8 (19.4)	9.2 (20.2)
50 (164'0")				11.7 (25.7)	12.2 (26.8)	11.9 (26.2)	6.8 (14.9)	7.1 (15.6)	7.5 (16.5)	8.0 (17.6)	8.4 (18.5)	8.8 (19.4)
52 (170'7")						11.3 (24.9)	6.5 (14.3)	6.8 (14.9)	7.2 (15.8)	7.5 (16.5)	8.0 (17.6)	8.4 (18.5)
54 (177'2")								6.6 (14.5)	6.9 (15.2)	7.2 (15.8)	7.5 (16.5)	8.0 (17.6)
56 (183'9")									6.6 (14.5)	6.9 (15.2)	7.2 (15.8)	7.5 (16.5)
58 (190'3")										6.6 (14.5)	6.9 (15.2)	7.2 (15.8)
60 (169'10")											6.6 (14.5)	6.9 (15.2)
62 (203'5")												6.7 (14.7)
64 (209'12")												

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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 22.5 (73'10")

Jib length: m (ft & in.)	61 (200'2")											
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°						
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	10.0 (22)											
22 (72'2")	9.3 (20.5)											
24 (78'9")	8.6 (18.9)											
26 (85'4")	8.0 (17.6)											
28 (91'10")	7.3 (16)	8.0 (17.6)										
30 (98'5")	6.8 (14.9)	7.3 (16)										
32 (104'12")	6.3 (13.8)	6.8 (14.9)										
34 (111'7")	5.6 (12.3)	6.3 (13.8)	6.8 (14.9)									
36 (118'1")	4.9 (10.8)	5.6 (12.3)	6.3 (13.8)									
38 (124'8")	4.3 (9.4)	4.9 (10.8)	5.6 (12.3)									
40 (131'3")	3.8 (8.3)	4.3 (9.4)	4.9 (10.8)									
42 (137'10")	3.3 (7.2)	3.8 (8.3)	4.3 (9.4)	4.9 (10.8)								
44 (144'4")	2.8 (6.1)	3.3 (7.2)	3.8 (8.3)	4.3 (9.4)								
46 (150'11")	2.3 (5)	2.8 (6.1)	3.3 (7.2)	3.7 (8.1)								
48 (157'6")	1.8 (3.9)	2.3 (5)	2.8 (6.1)	3.2 (7)								
50 (164'0")		1.8 (3.9)	2.3 (5)	2.8 (6.1)								
52 (170'7")			1.8 (3.9)	2.2 (4.8)								
54 (177'2")				1.8 (3.9)								
56 (183'9")												
58 (190'3")												
60 (169'10")												
62 (203'5")												
64 (209'12")												



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 25.5 (83'8")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")	13.5 (29.7)											
12 (39'4")	13.5 (29.7)						13.5 (29.7)					
14 (45'11")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
16 (52'6")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
18 (59'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
20 (65'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
22 (72'2")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
24 (78'9")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
26 (85'4")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
28 (91'10")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
30 (98'5")				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
32 (104'12")					13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
34 (111'7")						13.5 (29.7)					13.5 (29.7)	13.5 (29.7)
36 (118'1")												13.5 (29.7)
38 (124'8")												
40 (131'3")												
42 (137'10")												
44 (144'4")												
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (199'10")												
62 (203'5")												

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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)	
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000	
25.5 (83'8")	

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")	13.5 (29.7)											
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
22 (72'2")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
26 (85'4")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
34 (111'7")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
36 (118'1")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
38 (124'8")				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
40 (131'3")					13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
42 (137'10")						13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
44 (144'4")										13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
46 (150'11")											13.5 (29.7)	13.1 (28.8)
48 (157'6")												12.4 (27.3)
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (169'10")												
62 (203'5")												

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
25.5 (83'8")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
14 (45'11")												
16 (52'6")	13.5 (29.7)											
18 (59'1")	13.5 (29.7)						13.5 (29.7)					
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.4 (29.5)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				12.5 (27.5)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.7 (25.7)	12.6 (27.7)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			11.0 (24.2)	11.8 (26)	12.8 (28.2)			
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			10.4 (22.9)	11.1 (24.4)	11.9 (26.2)			
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			9.8 (21.6)	10.5 (23.1)	11.2 (24.6)			
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		9.3 (20.5)	9.9 (21.8)	10.6 (23.3)	11.3 (24.9)		
40 (131'3")	13.3 (29.3)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		8.8 (19.4)	9.4 (20.7)	10.0 (22)	10.6 (23.3)		
42 (137'10")	12.3 (27.1)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	8.3 (18.2)	8.9 (19.6)	9.4 (20.7)	10.0 (22)		
44 (144'4")	10.7 (23.5)	12.8 (28.2)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	7.9 (17.4)	8.4 (18.5)	9.0 (19.8)	9.5 (20.9)	10.1 (22.2)	
46 (150'11")		11.7 (25.7)	12.6 (27.7)	13.5 (29.7)	13.3 (29.3)	12.9 (28.4)	7.5 (16.5)	8.0 (17.6)	8.5 (18.7)	9.0 (19.8)	9.5 (20.9)	
48 (157'6")			11.7 (25.7)	13.1 (28.8)	12.5 (27.5)	12.2 (26.8)	7.1 (15.6)	7.5 (16.5)	8.1 (17.8)	8.6 (18.9)	9.1 (20)	9.6 (21.1)
50 (164'0")				12.1 (26.6)	11.9 (26.2)	11.5 (25.3)	6.8 (14.9)	7.2 (15.8)	7.7 (16.9)	8.2 (18)	8.6 (18.9)	9.1 (20)
52 (170'7")					11.3 (24.9)	10.9 (24)	6.5 (14.3)	6.9 (15.2)	7.3 (16)	7.8 (17.1)	8.2 (18)	8.6 (18.9)
54 (177'2")						10.4 (22.9)		6.6 (14.5)	6.9 (15.2)	7.3 (16)	7.8 (17.1)	8.2 (18)
56 (183'9")									6.7 (14.7)	7.0 (15.4)	7.4 (16.3)	7.8 (17.1)
58 (190'3")										6.7 (14.7)	7.1 (15.6)	7.4 (16.3)
60 (169'10")											6.8 (14.9)	7.1 (15.6)
62 (203'5")												6.8 (14.9)
64 (209'12")												6.6 (14.5)
66 (216'6")												

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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 25.5 (83'8")

Jib length: m (ft & in.)	61 (200'2")													
Radius: m (ft & in.)	Main boom angle: deg.													
	88°	83°	78°	73°	68°	63°								
10 (32'10")														
12 (39'4")														
14 (45'11")														
16 (52'6")														
18 (59'1")														
20 (65'7")	10.0 (22)													
22 (72'2")	9.3 (20.5)													
24 (78'9")	8.6 (18.9)													
26 (85'4")	8.0 (17.6)													
28 (91'10")	7.3 (16)	8.0 (17.6)												
30 (98'5")	6.8 (14.9)	7.4 (16.3)												
32 (104'12")	6.3 (13.8)	6.9 (15.2)												
34 (111'7")	5.6 (12.3)	6.4 (14.1)												
36 (118'1")	4.9 (10.8)	5.7 (12.5)	6.5 (14.3)											
38 (124'8")	4.3 (9.4)	5.0 (11)	5.8 (12.7)											
40 (131'3")	3.8 (8.3)	4.4 (9.7)	5.1 (11.2)											
42 (137'10")	3.3 (7.2)	3.9 (8.5)	4.5 (9.9)	5.1 (11.2)										
44 (144'4")	2.8 (6.1)	3.3 (7.2)	3.9 (8.5)	4.5 (9.9)										
46 (150'11")	2.3 (5)	2.9 (6.3)	3.4 (7.4)	4.0 (8.8)										
48 (157'6")	1.8 (3.9)	2.3 (5)	2.9 (6.3)	3.4 (7.4)										
50 (164'0")		1.9 (4.1)	2.4 (5.2)	3.0 (6.6)										
52 (170'7")			2.0 (4.4)	2.4 (5.2)										
54 (177'2")				2.0 (4.4)										
56 (183'9")														
58 (190'3")														
60 (199'10")														
62 (203'5")														
64 (209'12")														



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
28.5 (93'6")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")	13.5 (29.7)											
12 (39'4")	13.5 (29.7)						13.5 (29.7)					
14 (45'11")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
16 (52'6")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
18 (59'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
20 (65'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
22 (72'2")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
24 (78'9")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
26 (85'4")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
28 (91'10")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
30 (98'5")				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
32 (104'12")					13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
34 (111'7")						13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
36 (118'1")											13.5 (29.7)	13.5 (29.7)
38 (124'8")												13.5 (29.7)
40 (131'3")												
42 (137'10")												
44 (144'4")												
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (199'10")												
62 (203'5")												
64 (209'12")												


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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
28.5 (93'6")

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")	13.5 (29.7)											
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
22 (72'2")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
26 (85'4")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
34 (111'7")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
36 (118'1")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
38 (124'8")				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
40 (131'3")				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
42 (137'10")					13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
44 (144'4")						13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
46 (150'11")										13.5 (29.7)	13.3 (29.3)	12.8 (28.2)
48 (157'6")											12.5 (27.5)	12.0 (26.4)
50 (164'0")												11.4 (25.1)
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (169'10")												
62 (203'5")												
64 (209'12")												

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
28.5 (93'6")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")	13.5 (29.7)											
18 (59'1")	13.5 (29.7)						13.5 (29.7)					
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				12.5 (27.5)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.7 (25.7)	12.8 (28.2)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.0 (24.2)	11.9 (26.2)	13.0 (28.6)			
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			10.4 (22.9)	11.2 (24.6)	12.1 (26.6)			
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			9.8 (21.6)	10.6 (23.3)	11.4 (25.1)			
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			9.3 (20.5)	10.0 (22)	10.7 (23.5)	11.5 (25.3)		
40 (131'3")	13.4 (29.5)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		8.8 (19.4)	9.4 (20.7)	10.1 (22.2)	10.9 (24)		
42 (137'10")	12.3 (27.1)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		8.4 (18.5)	8.9 (19.6)	9.6 (21.1)	10.3 (22.7)		
44 (144'4")	10.8 (23.8)	12.6 (27.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.2 (29.1)	7.9 (17.4)	8.5 (18.7)	9.1 (20)	9.7 (21.3)	10.4 (22.9)	
46 (150'11")		11.7 (25.7)	13.0 (28.6)	13.5 (29.7)	13.0 (28.6)	12.3 (27.1)	7.5 (16.5)	8.1 (17.8)	8.6 (18.9)	9.2 (20.2)	9.8 (21.6)	
48 (157'6")			11.9 (26.2)	12.8 (28.2)	12.2 (26.8)	11.7 (25.7)	7.1 (15.6)	7.7 (16.9)	8.2 (18)	8.7 (19.1)	9.3 (20.5)	
50 (164'0")				12.1 (26.6)	11.6 (25.5)	11.0 (24.2)	6.8 (14.9)	7.2 (15.8)	7.8 (17.1)	8.3 (18.2)	8.8 (19.4)	9.4 (20.7)
52 (170'7")				11.3 (24.9)	11.0 (24.2)	10.5 (23.1)	6.5 (14.3)	6.9 (15.2)	7.4 (16.3)	7.9 (17.4)	8.4 (18.5)	8.9 (19.6)
54 (177'2")					10.5 (23.1)	10.0 (22)		6.6 (14.5)	7.1 (15.6)	7.5 (16.5)	8.0 (17.6)	8.5 (18.7)
56 (183'9")						9.5 (20.9)		6.4 (14.1)	6.7 (14.7)	7.1 (15.6)	7.7 (16.9)	8.1 (17.8)
58 (190'3")									6.5 (14.3)	6.8 (14.9)	7.2 (15.8)	7.7 (16.9)
60 (169'10")										6.6 (14.5)	6.9 (15.2)	7.3 (16)
62 (203'5")											6.6 (14.5)	7.0 (15.4)
64 (209'12")												6.7 (14.7)
66 (216'6")												

Load Charts

SCC3000US

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 28.5 (93'6")

Jib length: m (ft & in.)	61 (200'2")											
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°						
16 (52'6")												
18 (59'1")												
20 (65'7")												
22 (72'2")	9.3 (20.5)											
24 (78'9")	8.6 (18.9)											
26 (85'4")	8.0 (17.6)											
28 (91'10")	7.4 (16.3)	8.1 (17.8)										
30 (98'5")	6.9 (15.2)	7.5 (16.5)										
32 (104'12")	6.4 (14.1)	7.0 (15.4)										
34 (111'7")	5.6 (12.3)	6.5 (14.3)										
36 (118'1")	5.0 (11)	5.8 (12.7)	6.6 (14.5)									
38 (124'8")	4.4 (9.7)	5.1 (11.2)	6.0 (13.2)									
40 (131'3")	3.8 (8.3)	4.5 (9.9)	5.3 (11.6)									
42 (137'10")	3.3 (7.2)	4.0 (8.8)	4.7 (10.3)	5.4 (11.9)								
44 (144'4")	2.8 (6.1)	3.4 (7.4)	4.1 (9)	4.8 (10.5)								
46 (150'11")	2.3 (5)	2.9 (6.3)	3.6 (7.9)	4.2 (9.2)								
48 (157'6")	1.9 (4.1)	2.4 (5.2)	3.1 (6.8)	3.7 (8.1)								
50 (164'0")		2.0 (4.4)	2.6 (5.7)	3.2 (7)								
52 (170'7")			2.1 (4.6)	2.7 (5.9)								
54 (177'2")				2.2 (4.8)								
56 (183'9")				1.8 (3.9)								
58 (190'3")												
60 (169'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 31.5 (103'4")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")	13.5 (29.7)											
12 (39'4")	13.5 (29.7)						13.5 (29.7)					
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
18 (59'1")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
20 (65'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
22 (72'2")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
26 (85'4")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
28 (91'10")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
30 (98'5")				13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
32 (104'12")				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
34 (111'7")					13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
36 (118'1")						13.5 (29.7)					13.5 (29.7)	13.5 (29.7)
38 (124'8")												13.5 (29.7)
40 (131'3")												13.5 (29.7)
42 (137'10")												
44 (144'4")												
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (199'10")												
62 (203'5")												


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Load Charts

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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)												
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000												
31.5 (103'4")												
Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")												
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
26 (85'4")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
34 (111'7")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
36 (118'1")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
38 (124'8")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
40 (131'3")				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
42 (137'10")				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
44 (144'4")					13.4 (29.5)	13.2 (29.1)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.0 (28.6)
46 (150'11")						12.4 (27.3)				13.5 (29.7)	12.9 (28.4)	12.2 (26.8)
48 (157'6")											12.2 (26.8)	11.6 (25.5)
50 (164'0")												11.0 (24.2)
52 (170'7")												10.4 (22.9)
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (169'10")												
62 (203'5")												



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
31.5 (103'4")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
14 (45'11")												
16 (52'6")	13.5 (29.7)											
18 (59'1")	13.5 (29.7)						13.5 (29.7)					
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				12.5 (27.5)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.7 (25.7)	13.0 (28.6)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.0 (24.2)	12.1 (26.6)	13.3 (29.3)			
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			10.4 (22.9)	11.3 (24.9)	12.3 (27.1)			
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			9.8 (21.6)	10.7 (23.5)	11.6 (25.5)			
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			9.3 (20.5)	10.1 (22.2)	10.9 (24)			
40 (131'3")	13.4 (29.5)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		8.8 (19.4)	9.5 (20.9)	10.3 (22.7)	11.1 (24.4)		
42 (137'10")	12.3 (27.1)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		8.4 (18.5)	9.0 (19.8)	9.7 (21.3)	10.5 (23.1)		
44 (144'4")	11.0 (24.2)	13.1 (28.8)	13.5 (29.7)	13.5 (29.7)	13.4 (29.5)		7.9 (17.4)	8.6 (18.9)	9.2 (20.2)	9.9 (21.8)		
46 (150'11")		12.1 (26.6)	13.2 (29.1)	13.3 (29.3)	12.5 (27.5)	11.9 (26.2)	7.5 (16.5)	8.1 (17.8)	8.7 (19.1)	9.4 (20.7)	10.1 (22.2)	
48 (157'6")			12.2 (26.8)	12.5 (27.5)	11.8 (26)	11.2 (24.6)	7.1 (15.6)	7.7 (16.9)	8.3 (18.2)	8.9 (19.6)	9.6 (21.1)	
50 (164'0")			11.3 (24.9)	11.8 (26)	11.2 (24.6)	10.6 (23.3)	6.8 (14.9)	7.3 (16)	7.9 (17.4)	8.4 (18.5)	9.1 (20)	
52 (170'7")				11.3 (24.9)	10.6 (23.3)	10.1 (22.2)	6.5 (14.3)	6.9 (15.2)	7.4 (16.3)	8.1 (17.8)	8.6 (18.9)	9.2 (20.2)
54 (177'2")					10.1 (22.2)	9.6 (21.1)		6.6 (14.5)	7.1 (15.6)	7.7 (16.9)	8.2 (18)	8.8 (19.4)
56 (183'9")						9.1 (20)		6.4 (14.1)	6.8 (14.9)	7.3 (16)	7.8 (17.1)	8.3 (18.2)
58 (190'3")									6.5 (14.3)	6.9 (15.2)	7.4 (16.3)	8.0 (17.6)
60 (169'10")										6.7 (14.7)	7.2 (15.8)	7.5 (16.5)
62 (203'5")											6.8 (14.9)	7.2 (15.8)
64 (209'12")											6.5 (14.3)	6.9 (15.2)
66 (216'6")												6.6 (14.5)
68 (223'1")												

Load Charts

SCC3000US

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 31.5 (103'4")

Jib length: m (ft & in.)	61 (200'2")												
Radius: m (ft & in.)	Main boom angle: deg.												
	88°	83°	78°	73°	68°	63°							
10 (32'10")													
12 (39'4")													
14 (45'11")													
16 (52'6")													
18 (59'1")													
20 (65'7")													
22 (72'2")	9.3 (20.5)												
24 (78'9")	8.7 (19.1)												
26 (85'4")	8.0 (17.6)												
28 (91'10")	7.4 (16.3)	8.3 (18.2)											
30 (98'5")	6.9 (15.2)	7.7 (16.9)											
32 (104'12")	6.4 (14.1)	7.1 (15.6)											
34 (111'7")	5.7 (12.5)	6.6 (14.5)											
36 (118'1")	5.0 (11)	5.9 (13)	6.7 (14.7)										
38 (124'8")	4.4 (9.7)	5.2 (11.4)	6.2 (13.6)										
40 (131'3")	3.8 (8.3)	4.6 (10.1)	5.5 (12.1)										
42 (137'10")	3.3 (7.2)	4.0 (8.8)	4.8 (10.5)										
44 (144'4")	2.8 (6.1)	3.5 (7.7)	4.2 (9.2)	5.1 (11.2)									
46 (150'11")	2.3 (5)	3.0 (6.6)	3.7 (8.1)	4.4 (9.7)									
48 (157'6")	1.9 (4.1)	2.6 (5.7)	3.2 (7)	3.9 (8.5)									
50 (164'0")		2.0 (4.4)	2.7 (5.9)	3.4 (7.4)									
52 (170'7")			2.2 (4.8)	2.9 (6.3)									
54 (177'2")			1.8 (3.9)	2.3 (5)									
56 (183'9")				1.9 (4.1)									
58 (190'3")													
60 (169'10")													
62 (203'5")													



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
34.5 (113'2")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")	13.5 (29.7)						13.5 (29.7)					
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
18 (59'1")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
20 (65'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
22 (72'2")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
26 (85'4")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
28 (91'10")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
30 (98'5")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
32 (104'12")				13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
34 (111'7")					13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)		
36 (118'1")					13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
38 (124'8")						13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
40 (131'3")											13.5 (29.7)	13.5 (29.7)
42 (137'10")												
44 (144'4")												
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (169'10")												
62 (203'5")												

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LOAD CHARTS

Load Charts

SCC3000US

Extension Jib Hook for "LJ" Operating Configuration




Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 34.5 (113'2")

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")												
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
26 (85'4")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
34 (111'7")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
36 (118'1")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
38 (124'8")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
40 (131'3")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
42 (137'10")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
44 (144'4")				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
46 (150'11")				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.4 (29.5)
48 (157'6")					13.4 (29.5)	12.8 (28.2)			13.5 (29.7)	13.5 (29.7)	13.4 (29.5)	12.6 (27.7)
50 (164'0")						12.0 (26.4)				13.3 (29.3)	12.5 (27.5)	11.8 (26)
52 (170'7")											11.9 (26.2)	11.2 (24.6)
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (199'10")												
62 (203'5")												

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

34.5 (113'2")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
16 (52'6")	13.5 (29.7)											
18 (59'1")	13.5 (29.7)						13.5 (29.7)					
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)					12.6 (27.7)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.8 (26)	13.1 (28.8)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.1 (24.4)	12.2 (26.8)				
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				10.4 (22.9)	11.4 (25.1)	12.6 (27.7)			
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			9.8 (21.6)	10.8 (23.8)	11.8 (26)			
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			9.3 (20.5)	10.2 (22.4)	11.1 (24.4)			
40 (131'3")	13.4 (29.5)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			8.8 (19.4)	9.6 (21.1)	10.5 (23.1)	11.4 (25.1)		
42 (137'10")	12.3 (27.1)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		8.4 (18.5)	9.1 (20)	9.9 (21.8)	10.8 (23.8)		
44 (144'4")	11.1 (24.4)	13.3 (29.3)	13.5 (29.7)	13.5 (29.7)	13.0 (28.6)		7.9 (17.4)	8.6 (18.9)	9.4 (20.7)	10.2 (22.4)		
46 (150'11")		12.2 (26.8)	13.5 (29.7)	13.0 (28.6)	12.2 (26.8)	11.5 (25.3)	7.5 (16.5)	8.2 (18)	8.9 (19.6)	9.6 (21.1)	10.4 (22.9)	
48 (157'6")		11.0 (24.2)	12.5 (27.5)	12.2 (26.8)	11.5 (25.3)	10.8 (23.8)	7.1 (15.6)	7.8 (17.1)	8.4 (18.5)	9.1 (20)	9.9 (21.8)	
50 (164'0")			11.6 (25.5)	11.6 (25.5)	10.9 (24)	10.2 (22.4)	6.8 (14.9)	7.3 (16)	8.0 (17.6)	8.7 (19.1)	9.3 (20.5)	
52 (170'7")				11.0 (24.2)	10.3 (22.7)	9.7 (21.3)	6.5 (14.3)	7.0 (15.4)	7.5 (16.5)	8.2 (18)	8.9 (19.6)	9.5 (20.9)
54 (177'2")					9.8 (21.6)	9.2 (20.2)		6.7 (14.7)	7.2 (15.8)	7.8 (17.1)	8.4 (18.5)	9.0 (19.8)
56 (183'9")					9.4 (20.7)	8.8 (19.4)		6.4 (14.1)	6.9 (15.2)	7.4 (16.3)	8.0 (17.6)	8.6 (18.9)
58 (190'3")						8.4 (18.5)			6.6 (14.5)	7.1 (15.6)	7.7 (16.9)	8.1 (17.8)
60 (199'10")										6.8 (14.9)	7.2 (15.8)	7.7 (16.9)
62 (203'5")										6.5 (14.3)	6.9 (15.2)	7.3 (16)
64 (209'12")											6.6 (14.5)	6.9 (15.2)
66 (216'6")												6.6 (14.5)
68 (223'1")												6.3 (13.8)
70 (229'8")												

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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 34.5 (113'2")

Jib length: m (ft & in.)	61 (200'2")													
Radius: m (ft & in.)	Main boom angle: deg.													
	88°	83°	78°	73°	68°	63°								
10 (32'10")														
12 (39'4")														
14 (45'11")														
16 (52'6")														
18 (59'1")														
20 (65'7")														
22 (72'2")	9.4 (20.7)													
24 (78'9")	8.7 (19.1)													
26 (85'4")	8.1 (17.8)													
28 (91'10")	7.4 (16.3)													
30 (98'5")	6.9 (15.2)	7.8 (17.1)												
32 (104'12")	6.4 (14.1)	7.1 (15.6)												
34 (111'7")	5.7 (12.5)	6.7 (14.7)												
36 (118'1")	5.0 (11)	6.0 (13.2)												
38 (124'8")	4.4 (9.7)	5.4 (11.9)	6.4 (14.1)											
40 (131'3")	3.8 (8.3)	4.7 (10.3)	5.7 (12.5)											
42 (137'10")	3.3 (7.2)	4.1 (9)	5.0 (11)											
44 (144'4")	2.8 (6.1)	3.6 (7.9)	4.4 (9.7)	5.3 (11.6)										
46 (150'11")	2.3 (5)	3.1 (6.8)	3.9 (8.5)	4.7 (10.3)										
48 (157'6")	1.9 (4.1)	2.6 (5.7)	3.3 (7.2)	4.1 (9)										
50 (164'0")		2.1 (4.6)	2.9 (6.3)	3.6 (7.9)										
52 (170'7")			2.3 (5)	3.1 (6.8)										
54 (177'2")			1.9 (4.1)	2.6 (5.7)										
56 (183'9")				2.1 (4.6)										
58 (190'3")														
60 (169'10")														
62 (203'5")														
64 (209'12")														



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
37.5 (123'0")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")	13.5 (29.7)						13.5 (29.7)					
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
18 (59'1")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
20 (65'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
22 (72'2")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
26 (85'4")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
28 (91'10")			13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
30 (98'5")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
32 (104'12")				13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
34 (111'7")				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)		
36 (118'1")					13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
38 (124'8")						13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	
40 (131'3")						13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	
42 (137'10")												13.3 (29.3)
44 (144'4")												
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (199'10")												
62 (203'5")												
64 (209'12")												


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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)												
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000												
37.5 (123'0")												
Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")												
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)						13.5 (29.7)					
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
26 (85'4")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
34 (111'7")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
36 (118'1")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
38 (124'8")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
40 (131'3")				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
42 (137'10")				13.5 (29.7)	13.5 (29.7)	13.0 (28.6)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
44 (144'4")					13.0 (28.6)	12.2 (26.8)			13.5 (29.7)	13.5 (29.7)	13.0 (28.6)	12.1 (26.6)
46 (150'11")						11.5 (25.3)				13.0 (28.6)	12.1 (26.6)	11.4 (25.1)
48 (157'6")						10.9 (24)				12.3 (27.1)	11.5 (25.3)	10.8 (23.8)
50 (164'0")											10.9 (24)	10.2 (22.4)
52 (170'7")												9.7 (21.3)
54 (177'2")												9.2 (20.2)
56 (183'9")												
58 (190'3")												
60 (199'10")												
62 (203'5")												
64 (209'12")												



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
37.5 (123'0")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
16 (52'6")	13.5 (29.7)											
18 (59'1")	13.5 (29.7)						13.5 (29.7)					
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)						13.5 (29.7)					
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)					12.6 (27.7)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.8 (26)	13.2 (29.1)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.1 (24.4)	12.3 (27.1)				
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				10.4 (22.9)	11.6 (25.5)	12.9 (28.4)			
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			9.8 (21.6)	10.9 (24)	12.0 (26.4)			
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			9.3 (20.5)	10.2 (22.4)	11.3 (24.9)			
40 (131'3")	13.4 (29.5)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			8.8 (19.4)	9.7 (21.3)	10.6 (23.3)	11.7 (25.7)		
42 (137'10")	12.3 (27.1)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.4 (29.5)		8.4 (18.5)	9.2 (20.2)	10.1 (22.2)	11.0 (24.2)		
44 (144'4")	11.2 (24.6)	13.4 (29.5)	13.5 (29.7)	13.4 (29.5)	12.5 (27.5)		7.9 (17.4)	8.7 (19.1)	9.5 (20.9)	10.4 (22.9)		
46 (150'11")		12.4 (27.3)	13.5 (29.7)	12.5 (27.5)	11.7 (25.7)		7.5 (16.5)	8.2 (18)	9.0 (19.8)	9.8 (21.6)		
48 (157'6")		11.4 (25.1)	12.8 (28.2)	11.8 (26)	11.0 (24.2)	10.3 (22.7)	7.1 (15.6)	7.8 (17.1)	8.5 (18.7)	9.3 (20.5)	10.2 (22.4)	
50 (164'0")			11.8 (26)	11.2 (24.6)	10.4 (22.9)	9.7 (21.3)	6.8 (14.9)	7.4 (16.3)	8.1 (17.8)	8.8 (19.4)	9.6 (21.1)	
52 (170'7")				10.6 (23.3)	9.9 (21.8)	9.2 (20.2)	6.5 (14.3)	7.0 (15.4)	7.7 (16.9)	8.4 (18.5)	9.1 (20)	
54 (177'2")				10.1 (22.2)	9.4 (20.7)	8.7 (19.1)		7.0 (15.4)	7.3 (16)	8.0 (17.6)	8.7 (19.1)	8.6 (18.9)
56 (183'9")					9.0 (19.8)	8.3 (18.2)		6.4 (14.1)	7.0 (15.4)	7.5 (16.5)	8.2 (18)	8.1 (17.8)
58 (190'3")						7.9 (17.4)			6.7 (14.7)	7.2 (15.8)	7.9 (17.4)	7.7 (16.9)
60 (199'10")						7.5 (16.5)			6.4 (14.1)	6.9 (15.2)	7.4 (16.3)	7.2 (15.8)
62 (203'5")										6.6 (14.5)	7.1 (15.6)	6.8 (14.9)
64 (209'12")											6.8 (14.9)	6.4 (14.1)
66 (216'6")											6.5 (14.3)	6.1 (13.4)
68 (223'1")												5.8 (12.7)
70 (229'8")												

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SCC3000US

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 37.5 (123'0")

Jib length: m (ft & in.)	61 (200'2")													
Radius: m (ft & in.)	Main boom angle: deg.													
	88°	83°	78°	73°	68°	63°								
16 (52'6")														
18 (59'1")														
20 (65'7")														
22 (72'2")	9.4 (20.7)													
24 (78'9")	8.7 (19.1)													
26 (85'4")	8.1 (17.8)													
28 (91'10")	7.4 (16.3)													
30 (98'5")	6.9 (15.2)	7.9 (17.4)												
32 (104'12")	6.4 (14.1)	7.2 (15.8)												
34 (111'7")	5.7 (12.5)	6.7 (14.7)												
36 (118'1")	5.0 (11)	6.2 (13.6)												
38 (124'8")	4.4 (9.7)	5.5 (12.1)	6.6 (14.5)											
40 (131'3")	3.9 (8.5)	4.8 (10.5)	5.9 (13)											
42 (137'10")	3.3 (7.2)	4.2 (9.2)	5.2 (11.4)											
44 (144'4")	2.8 (6.1)	3.7 (8.1)	4.3 (9.4)											
46 (150'11")	2.3 (5)	3.2 (7)	4.0 (8.8)	5.0 (11)										
48 (157'6")	1.9 (4.1)	2.7 (5.9)	3.5 (7.7)	4.4 (9.7)										
50 (164'0")		2.2 (4.8)	3.0 (6.6)	3.8 (8.3)										
52 (170'7")			2.4 (5.2)	3.3 (7.2)										
54 (177'2")			2.0 (4.4)	2.8 (6.1)										
56 (183'9")				2.3 (5)										
58 (190'3")				1.9 (4.1)										
60 (199'10")														
62 (203'5")														
64 (209'12")														
66 (216'6")														
68 (223'1")														
70 (229'8")														



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 40.5 (132'10")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")	13.5 (29.7)						13.5 (29.7)					
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
18 (59'1")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
22 (72'2")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
26 (85'4")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
28 (91'10")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
30 (98'5")			13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
32 (104'12")				13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)		
34 (111'7")				13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
36 (118'1")					13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	
38 (124'8")					13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)
40 (131'3")						13.5 (29.7)					13.5 (29.7)	13.5 (29.7)
42 (137'10")												12.9 (28.4)
44 (144'4")												12.0 (26.4)
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (169'10")												
62 (203'5")												
64 (209'12")												

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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 40.5 (132'10")

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")												
14 (45'11")	13.5 (29.7)											
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)						13.5 (29.7)					
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
26 (85'4")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
34 (111'7")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
36 (118'1")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
38 (124'8")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
40 (131'3")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
42 (137'10")				13.5 (29.7)	13.3 (29.3)	12.4 (27.3)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.3 (29.3)	
44 (144'4")					12.4 (27.3)	11.7 (25.7)			13.5 (29.7)	13.5 (29.7)	12.5 (27.5)	
46 (150'11")					11.8 (26)	11.0 (24.2)			13.5 (29.7)	12.6 (27.7)	11.8 (26)	10.9 (24)
48 (157'6")						10.4 (22.9)				12.0 (26.4)	11.1 (24.4)	10.3 (22.7)
50 (164'0")						9.9 (21.8)					10.5 (23.1)	9.8 (21.6)
52 (170'7")											10.0 (22)	6.2 (13.6)
54 (177'2")												8.8 (19.4)
56 (183'9")												8.4 (18.5)
58 (190'3")												
60 (199'10")												
62 (203'5")												
64 (209'12")												

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
40.5 (132'10")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
16 (52'6")	13.5 (29.7)											
18 (59'1")	13.5 (29.7)											
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)						13.5 (29.7)					
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)					12.6 (27.7)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.8 (26)	13.4 (29.5)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.1 (24.4)	12.4 (27.3)				
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				10.5 (23.1)	11.7 (25.7)	13.2 (29.1)			
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				9.9 (21.8)	11.0 (24.2)	12.3 (27.1)			
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			9.3 (20.5)	10.3 (22.7)	11.5 (25.3)			
40 (131'3")	13.4 (29.5)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			8.8 (19.4)	9.8 (21.6)	10.8 (23.8)			
42 (137'10")	12.4 (27.3)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			8.4 (18.5)	9.2 (20.2)	10.2 (22.4)	11.3 (24.9)		
44 (144'4")	11.3 (24.9)	13.5 (29.7)	13.5 (29.7)	13.0 (28.6)	12.0 (26.4)		8.0 (17.6)	8.8 (19.4)	9.7 (21.3)	10.7 (23.5)		
46 (150'11")		12.5 (27.5)	13.2 (29.1)	12.2 (26.8)	11.3 (24.9)		7.5 (16.5)	8.3 (18.2)	9.1 (20)	10.1 (22.2)		
48 (157'6")		11.6 (25.5)	12.4 (27.3)	11.5 (25.3)	10.6 (23.3)		7.1 (15.6)	7.9 (17.4)	8.7 (19.1)	9.5 (20.9)	10.5 (23.1)	
50 (164'0")			11.8 (26)	10.9 (24)	10.0 (22)	9.2 (20.2)	6.8 (14.9)	7.4 (16.3)	8.2 (18)	9.0 (19.8)	9.9 (21.8)	
52 (170'7")			11.2 (24.6)	10.3 (22.7)	9.5 (20.9)	8.7 (19.1)	6.5 (14.3)	7.1 (15.6)	7.8 (17.1)	8.6 (18.9)	9.4 (20.7)	
54 (177'2")				9.8 (21.6)	9.0 (19.8)	8.2 (18)	6.2 (13.6)	6.8 (14.9)	7.4 (16.3)	8.2 (18)	8.9 (19.6)	
56 (183'9")					8.6 (18.9)	7.8 (17.1)		6.5 (14.3)	7.0 (15.4)	7.8 (17.1)	8.5 (18.7)	7.5 (16.5)
58 (190'3")					8.2 (18)	7.7 (16.9)			6.7 (14.7)	7.3 (16)	8.1 (17.8)	7.1 (15.6)
60 (199'10")						7.0 (15.4)			6.5 (14.3)	7.0 (15.4)	7.7 (16.9)	6.7 (14.7)
62 (203'5")						6.7 (14.7)				6.7 (14.7)	7.2 (15.8)	6.3 (13.8)
64 (209'12")										6.4 (14.1)	6.8 (14.9)	6.0 (13.2)
66 (216'6")											6.5 (14.3)	5.7 (12.5)
68 (223'3")												5.4 (11.9)
70 (229'8")												5.1 (11.2)

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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 40.5 (132'10")

Jib length: m (ft & in.)	61 (200'2")													
Radius: m (ft & in.)	Main boom angle: deg.													
	88°	83°	78°	73°	68°	63°								
10 (32'10")														
12 (39'4")														
14 (45'11")														
16 (52'6")														
18 (59'1")														
20 (65'7")														
22 (72'2")	9.4 (20.7)													
24 (78'9")	8.7 (19.1)													
26 (85'4")	8.1 (17.8)													
28 (91'10")	7.4 (16.3)													
30 (98'5")	6.9 (15.2)	8.0 (17.6)												
32 (104'12")	6.5 (14.3)	7.3 (16)												
34 (111'7")	5.7 (12.5)	6.8 (14.9)												
36 (118'1")	5.1 (11.2)	6.3 (13.8)												
38 (124'8")	4.4 (9.7)	5.6 (12.3)	6.7 (14.7)											
40 (131'3")	3.9 (8.5)	4.9 (10.8)	6.1 (13.4)											
42 (137'10")	3.3 (7.2)	4.3 (9.4)	5.4 (11.9)											
44 (144'4")	2.9 (6.3)	3.8 (8.3)	4.8 (10.5)											
46 (150'11")	2.3 (5)	3.2 (7)	4.2 (9.2)	5.2 (11.4)										
48 (157'6")	1.9 (4.1)	2.8 (6.1)	3.6 (7.9)	4.6 (10.1)										
50 (164'0")		2.2 (4.8)	3.1 (6.8)	4.0 (8.8)										
52 (170'7")		1.8 (3.9)	2.7 (5.9)	3.5 (7.7)										
54 (177'2")			2.1 (4.6)	3.0 (6.6)										
56 (183'9")				2.6 (5.7)										
58 (190'3")				2.0 (4.4)										
60 (169'10")														
62 (203'5")														
64 (209'12")														



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
43.5 (142'9")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")	13.5 (29.7)						13.5 (29.7)					
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
18 (59'1")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
22 (72'2")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
26 (85'4")		13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
28 (91'10")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
30 (98'5")			13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
32 (104'12")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)			
34 (111'7")				13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
36 (118'1")					13.5 (29.7)				13.5 (29.7)	13.5 (29.7)		
38 (124'8")					13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)		
40 (131'3")						13.2 (29.1)				13.5 (29.7)	13.1 (28.8)	
42 (137'10")						12.3 (27.1)				13.2 (29.1)	12.2 (26.8)	
44 (144'4")											11.5 (25.3)	
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (169'10")												
62 (203'5")												
64 (209'12")												

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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)	
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000	
43.5 (142'9")	

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
10 (32'10")												
12 (39'4")												
14 (45'11")	13.5 (29.7)											
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)						13.5 (29.7)					
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
26 (85'4")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
34 (111'7")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
36 (118'1")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
38 (124'8")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
40 (131'3")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
42 (137'10")				13.5 (29.7)	12.8 (28.2)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	12.9 (28.4)	
44 (144'4")				13.2 (29.1)	12.0 (26.4)	11.2 (24.6)			13.5 (29.7)	13.1 (28.8)	12.0 (26.4)	
46 (150'11")					11.3 (24.9)	10.5 (23.1)			13.4 (29.5)	12.3 (27.1)	11.3 (24.9)	
48 (157'6")					10.7 (23.5)	9.9 (21.8)				11.6 (25.5)	10.7 (23.5)	9.8 (21.6)
50 (164'0")						9.4 (20.7)				11.0 (24.2)	10.1 (22.2)	9.2 (20.2)
52 (170'7")											9.6 (21.1)	8.7 (19.1)
54 (177'2")											9.1 (20)	8.3 (18.2)
56 (183'9")												7.9 (17.4)
58 (190'3")												
60 (199'10")												
62 (203'5")												
64 (209'12")												

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

43.5 (142'9")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
16 (52'6")	13.5 (29.7)											
18 (59'1")	13.5 (29.7)											
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)						13.5 (29.7)					
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
28 (91'10")	13.5 (29.7)	13.5 (29.7)					12.6 (27.7)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)					11.8 (26)	13.5 (29.7)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.1 (24.4)	12.6 (27.7)				
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				10.5 (23.1)	11.8 (26)				
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				9.9 (21.8)	11.1 (24.4)	12.5 (27.5)			
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			9.3 (20.5)	10.4 (22.9)	11.7 (25.7)			
40 (131'3")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			8.8 (19.4)	9.8 (21.6)	11.0 (24.2)			
42 (137'10")	12.4 (27.3)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			8.4 (18.5)	9.3 (20.5)	10.4 (22.9)	11.6 (25.5)		
44 (144'4")	11.4 (25.1)	13.5 (29.7)	13.5 (29.7)	12.5 (27.5)	11.5 (25.3)		8.0 (17.6)	8.8 (19.4)	9.8 (21.6)	10.9 (24)		
46 (150'11")		12.8 (28.2)	12.9 (28.4)	11.8 (26)	10.8 (23.8)		7.5 (16.5)	8.4 (18.5)	9.3 (20.5)	10.3 (22.7)		
48 (157'6")		11.8 (26)	12.1 (26.6)	11.1 (24.4)	10.1 (22.2)		7.1 (15.6)	8.0 (17.6)	8.8 (19.4)	9.8 (21.6)		
50 (164'0")			11.5 (25.3)	10.5 (23.1)	9.5 (20.9)		6.8 (14.9)	7.5 (16.5)	8.4 (18.5)	9.2 (20.2)	9.6 (21.1)	
52 (170'7")			10.9 (24)	9.9 (21.8)	9.0 (19.8)	8.2 (18)	6.5 (14.3)	7.1 (15.6)	7.9 (17.4)	8.8 (19.4)	9.0 (19.8)	
54 (177'2")				9.4 (20.7)	8.6 (18.9)	7.7 (16.9)	6.2 (13.6)	6.8 (14.9)	7.5 (16.5)	8.3 (18.2)	8.6 (18.9)	
56 (183'9")				9.0 (19.8)	8.1 (17.8)	7.2 (15.8)		6.5 (14.3)	7.1 (15.6)	7.9 (17.4)	8.1 (17.8)	
58 (190'3")					7.7 (16.9)	6.8 (14.9)			6.8 (14.9)	7.5 (16.5)	7.7 (16.9)	6.5 (14.3)
60 (169'10")					7.3 (16)	6.5 (14.3)			6.5 (14.3)	7.1 (15.6)	7.1 (15.6)	6.1 (13.4)
62 (203'5")						6.2 (13.6)				6.8 (14.9)	6.8 (14.9)	5.8 (12.7)
64 (209'12")										6.5 (14.3)	6.4 (14.1)	5.5 (12.1)
66 (216'6")											6.1 (13.4)	5.1 (11.2)
68 (223'1")											5.8 (12.7)	4.9 (10.8)
70 (229'8")												4.6 (10.1)
72 (236'3")												4.4 (9.7)

Load Charts

SCC3000US

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 43.5 (142'9")

Jib length: m (ft & in.)	61 (200'2")													
Radius: m (ft & in.)	Main boom angle: deg.													
	88°	83°	78°	73°	68°	63°								
10 (32'10")														
12 (39'4")														
14 (45'11")														
16 (52'6")														
18 (59'1")														
20 (65'7")														
22 (72'2")	9.5 (20.9)													
24 (78'9")	8.8 (19.4)													
26 (85'4")	8.1 (17.8)													
28 (91'10")	7.5 (16.5)													
30 (98'5")	6.9 (15.2)	8.1 (17.8)												
32 (104'12")	6.5 (14.3)	7.4 (16.3)												
34 (111'7")	5.8 (12.7)	6.9 (15.2)												
36 (118'1")	5.1 (11.2)	6.4 (14.1)												
38 (124'8")	4.5 (9.9)	5.7 (12.5)												
40 (131'3")	3.9 (8.5)	5.0 (11)	6.3 (13.8)											
42 (137'10")	3.4 (7.4)	4.4 (9.7)	5.6 (12.3)											
44 (144'4")	2.9 (6.3)	3.8 (8.3)	5.0 (11)											
46 (150'11")	2.3 (5)	3.3 (7.2)	4.4 (9.7)											
48 (157'6")	1.9 (4.1)	2.8 (6.1)	3.8 (8.3)	4.9 (10.8)										
50 (164'0")		2.3 (5)	3.3 (7.2)	4.3 (9.4)										
52 (170'7")		1.9 (4.1)	2.8 (6.1)	3.7 (8.1)										
54 (177'2")			2.3 (5)	3.2 (7)										
56 (183'9")			1.8 (3.9)	2.7 (5.9)										
58 (190'3")				2.2 (4.8)										
60 (169'10")														
62 (203'5")														
64 (209'12")														



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
46.5 (152'7")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")	13.5 (29.7)						13.5 (29.7)					
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
18 (59'1")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
22 (72'2")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
26 (85'4")		13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
28 (91'10")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
30 (98'5")			13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
32 (104'12")			13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)		
34 (111'7")				13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)	
36 (118'1")				13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)	
38 (124'8")					13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	12.5 (27.5)
40 (131'3")					13.5 (29.7)	12.6 (27.7)					12.8 (28.2)	11.8 (26)
42 (137'10")						11.9 (26.2)						11.1 (24.4)
44 (144'4")						11.2 (24.6)						10.4 (22.9)
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (169'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												


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Load Charts

SCC3000US

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)												
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000												
46.5 (152'7")												
Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")												
14 (45'11")	13.5 (29.7)											
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)						13.5 (29.7)					
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
26 (85'4")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
34 (111'7")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
36 (118'1")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
38 (124'8")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
40 (131'3")			13.5 (29.7)	13.5 (29.7)	13.2 (29.1)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
42 (137'10")				13.5 (29.7)	12.3 (27.1)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	12.4 (27.3)	
44 (144'4")				12.9 (28.4)	11.6 (25.5)	10.7 (23.5)			13.5 (29.7)	12.8 (28.2)	11.6 (25.5)	
46 (150'11")					10.9 (24)	10.1 (22.2)			13.2 (29.1)	12.0 (26.4)	10.9 (24)	
48 (157'6")					10.3 (22.7)	9.5 (20.9)				11.3 (24.9)	10.3 (22.7)	9.3 (20.5)
50 (164'0")						8.9 (19.6)				10.7 (23.5)	9.7 (21.3)	8.7 (19.1)
52 (170'7")						8.4 (18.5)					9.2 (20.2)	8.2 (18)
54 (177'2")											8.8 (19.4)	7.8 (17.1)
56 (183'9")												7.2 (15.8)
58 (190'3")												6.9 (15.2)
60 (169'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
46.5 (152'7")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
16 (52'6")	13.5 (29.7)											
18 (59'1")	13.5 (29.7)											
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)						13.5 (29.7)					
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
28 (91'10")	13.5 (29.7)	13.5 (29.7)					12.8 (28.2)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)					11.9 (26.2)	13.5 (29.7)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.1 (24.4)	12.8 (28.2)				
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				10.5 (23.1)	11.9 (26.2)				
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				9.9 (21.8)	11.2 (24.6)	12.8 (28.2)			
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				9.3 (20.5)	10.5 (23.1)	11.9 (26.2)			
40 (131'3")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			8.8 (19.4)	9.9 (21.8)	11.2 (24.6)			
42 (137'10")	12.4 (27.3)	13.5 (29.7)	13.5 (29.7)	12.8 (28.2)			8.4 (18.5)	9.4 (20.7)	10.6 (23.3)			
44 (144'4")	11.5 (25.3)	13.5 (29.7)	13.4 (29.5)	12.0 (26.4)			8.0 (17.6)	8.9 (19.6)	10.0 (22)	11.2 (24.6)		
46 (150'11")		12.9 (28.4)	12.6 (27.7)	11.4 (25.1)	10.3 (22.7)		7.5 (16.5)	8.4 (18.5)	9.7 (21.3)	10.6 (23.3)		
48 (157'6")		11.9 (26.2)	11.9 (26.2)	10.8 (23.8)	9.7 (21.3)		7.1 (15.6)	8.0 (17.6)	8.9 (19.6)	10.0 (22)		
50 (164'0")			11.2 (24.6)	10.2 (22.4)	9.2 (20.2)		6.8 (14.9)	7.5 (16.5)	8.5 (18.7)	9.4 (20.7)		
52 (170'7")			10.7 (23.5)	9.6 (21.1)	8.7 (19.1)	7.8 (17.1)	6.5 (14.3)	7.2 (15.8)	8.1 (17.8)	8.9 (19.6)	8.6 (18.9)	
54 (177'2")				9.1 (20)	8.2 (18)	7.2 (15.8)	6.2 (13.6)	6.8 (14.9)	7.7 (16.9)	8.5 (18.7)	8.1 (17.8)	
56 (183'9")				8.7 (19.1)	7.8 (17.1)	6.9 (15.2)		6.5 (14.3)	7.2 (15.8)	8.1 (17.8)	7.7 (16.9)	
58 (190'3")					7.3 (16)	6.4 (14.1)		6.3 (13.8)	6.9 (15.2)	7.7 (16.9)	7.1 (15.6)	6.0 (13.2)
60 (169'10")					7.0 (15.4)	6.1 (13.4)			6.6 (14.5)	7.2 (15.8)	6.7 (14.7)	5.6 (12.3)
62 (203'5")						5.8 (12.7)			6.3 (13.8)	6.9 (15.2)	6.4 (14.1)	5.3 (11.6)
64 (209'12")						5.6 (12.3)				6.6 (14.5)	6.0 (13.2)	5.0 (11)
66 (216'6")										6.4 (14.1)	5.7 (12.5)	4.7 (10.3)
68 (223'1")											5.4 (11.9)	4.4 (9.7)
70 (229'8")												4.2 (9.2)
72 (236'3")												4.0 (8.8)

Load Charts

SCC3000US

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 46.5 (152'7")

Jib length: m (ft & in.)	61 (200'2")													
Radius: m (ft & in.)	Main boom angle: deg.													
	88°	83°	78°	73°	68°	63°								
12 (39'4")														
14 (45'11")														
16 (52'6")														
18 (59'1")														
20 (65'7")														
22 (72'2")	9.5 (20.9)													
24 (78'9")	8.8 (19.4)													
26 (85'4")	8.2 (18)													
28 (91'10")	7.5 (16.5)													
30 (98'5")	7.0 (15.4)	8.2 (18)												
32 (104'12")	6.2 (13.6)	7.5 (16.5)												
34 (111'7")	5.8 (12.7)	7.0 (15.4)												
36 (118'1")	5.1 (11.2)	6.5 (14.3)												
38 (124'8")	4.5 (9.9)	5.8 (12.7)												
40 (131'3")	3.9 (8.5)	5.1 (11.2)	6.5 (14.3)											
42 (137'10")	3.4 (7.4)	4.5 (9.9)	5.8 (12.7)											
44 (144'4")	2.9 (6.3)	3.9 (8.5)	5.2 (11.4)											
46 (150'11")	2.3 (5)	3.4 (7.4)	4.5 (9.9)											
48 (157'6")	1.9 (4.1)	2.9 (6.3)	4.0 (8.8)	5.1 (11.2)										
50 (164'0")		2.4 (5.2)	3.4 (7.4)	4.5 (9.9)										
52 (170'7")		1.9 (4.1)	2.9 (6.3)	3.9 (8.5)										
54 (177'2")			2.4 (5.2)	3.4 (7.4)										
56 (183'9")			2.0 (4.4)	2.9 (6.3)										
58 (190'3")				2.4 (5.2)										
60 (169'10")				2.0 (4.4)										
62 (203'5")														
64 (209'12")														
66 (216'6")														



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
49.5 (162'5")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")	13.5 (29.7)						13.5 (29.7)					
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
26 (85'4")		13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
28 (91'10")		13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)			
30 (98'5")			13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
32 (104'12")			13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
34 (111'7")				13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)		
36 (118'1")				13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
38 (124'8")					13.5 (29.7)					13.5 (29.7)	13.5 (29.7)	
40 (131'3")					13.2 (29.1)	12.1 (26.6)				13.5 (29.7)	13.1 (28.8)	
42 (137'10")						11.4 (25.1)					12.2 (26.8)	11.2 (24.6)
44 (144'4")						10.7 (23.5)					11.5 (25.3)	10.5 (23.1)
46 (150'11")												9.8 (21.6)
48 (157'6")												9.3 (20.5)
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (169'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												

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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)	
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000	
49.5 (162'5")	

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")												
14 (45'11")	13.5 (29.7)											
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)						13.5 (29.7)					
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
34 (111'7")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
36 (118'1")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
38 (124'8")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
40 (131'3")			13.5 (29.7)	13.5 (29.7)	12.6 (27.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
42 (137'10")			13.5 (29.7)	13.5 (29.7)	11.8 (26)			13.5 (29.7)	13.5 (29.7)	13.0 (28.6)		
44 (144'4")				12.6 (27.7)	11.1 (24.4)				13.5 (29.7)	12.3 (27.1)	11.0 (24.2)	
46 (150'11")				11.9 (26.2)	10.4 (22.9)	9.5 (20.9)			12.9 (28.4)	11.6 (25.5)	10.4 (22.9)	
48 (157'6")					9.9 (21.8)	8.9 (19.6)			12.1 (26.6)	10.9 (24)	9.8 (21.6)	
50 (164'0")					9.4 (20.7)	8.4 (18.5)				10.3 (22.7)	9.2 (20.2)	8.0 (17.6)
52 (170'7")						7.9 (17.4)				9.8 (21.6)	8.7 (19.1)	7.5 (16.5)
54 (177'2")						7.4 (16.3)					8.3 (18.2)	7.0 (15.4)
56 (183'9")											7.9 (17.4)	6.6 (14.5)
58 (190'3")												6.2 (13.6)
60 (169'10")												5.9 (13)
62 (203'5")												
64 (209'12")												
66 (216'6")												

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
49.5 (162'5")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
16 (52'6")	13.5 (29.7)											
18 (59'1")	13.5 (29.7)											
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)						13.5 (29.7)					
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
28 (91'10")	13.5 (29.7)	13.5 (29.7)					12.8 (28.2)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)					11.9 (26.2)	13.5 (29.7)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.2 (24.6)	12.9 (28.4)				
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				10.5 (23.1)	12.0 (26.4)				
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				9.9 (21.8)	11.3 (24.9)	13.1 (28.8)			
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				9.4 (20.7)	10.6 (23.3)	12.2 (26.8)			
40 (131'3")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	12.9 (28.4)			8.8 (19.4)	10.0 (22)	11.4 (25.1)			
42 (137'10")	12.4 (27.3)	13.5 (29.7)	13.5 (29.7)	12.1 (26.6)			8.4 (18.5)	9.5 (20.9)	10.7 (23.5)			
44 (144'4")	11.5 (25.3)	13.5 (29.7)	12.9 (28.4)	11.4 (25.1)			8.0 (17.6)	9.0 (19.8)	10.1 (22.2)	11.4 (25.1)		
46 (150'11")		13.1 (28.8)	12.2 (26.8)	10.8 (23.8)			7.5 (16.5)	8.5 (18.7)	9.6 (21.1)	10.8 (23.8)		
48 (157'6")		12.0 (26.4)	11.6 (25.5)	10.3 (22.7)	9.1 (20)		7.1 (15.6)	8.1 (17.8)	9.1 (20)	10.2 (22.4)		
50 (164'0")			11.0 (24.2)	9.8 (21.6)	8.6 (18.9)		6.8 (14.9)	7.7 (16.9)	8.6 (18.9)	9.7 (21.3)		
52 (170'7")			10.4 (22.9)	9.2 (20.2)	8.2 (18)		6.5 (14.3)	7.2 (15.8)	8.2 (18)	9.1 (20)	8.1 (17.8)	
54 (177'2")			9.9 (21.8)	8.8 (19.4)	7.7 (16.9)	6.7 (14.7)	6.2 (13.6)	6.9 (15.2)	7.8 (17.1)	8.7 (19.1)	7.5 (16.5)	
56 (183'9")				8.3 (18.2)	7.2 (15.8)	6.3 (13.8)		6.6 (14.5)	7.3 (16)	8.2 (18)	7.1 (15.6)	
58 (190'3")				8.0 (17.6)	6.8 (14.9)	5.9 (13)		6.3 (13.8)	7.0 (15.4)	7.8 (17.1)	6.6 (14.5)	
60 (169'10")					6.5 (14.3)	5.6 (12.3)			6.7 (14.7)	7.4 (16.3)	6.3 (13.8)	5.1 (11.2)
62 (203'5")					6.2 (13.6)	5.3 (11.6)			6.4 (14.1)	7.0 (15.4)	5.9 (13)	4.7 (10.3)
64 (209'12")						5.0 (11)				6.7 (14.7)	5.6 (12.3)	4.4 (9.7)
66 (216'6")						4.7 (10.3)				6.4 (14.1)	5.3 (11.6)	4.2 (9.2)
68 (223'1")											5.0 (11)	3.9 (8.5)
70 (229'8")											4.7 (10.3)	3.7 (8.1)
72 (236'3")												3.5 (7.7)
74 (242'9")												3.3 (7.2)

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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 49.5 (162'5")

Jib length: m (ft & in.)	61 (200'2")													
Radius: m (ft & in.)	Main boom angle: deg.													
	88°	83°	78°	73°	68°	63°								
12 (39'4")														
14 (45'11")														
16 (52'6")														
18 (59'1")														
20 (65'7")														
22 (72'2")	9.5 (20.9)													
24 (78'9")	8.8 (19.4)													
26 (85'4")	7.9 (17.4)													
28 (91'10")	6.7 (14.7)													
30 (98'5")	5.8 (12.7)													
32 (104'12")	4.9 (10.8)	7.7 (16.9)												
34 (111'7")	4.2 (9.2)	7.1 (15.6)												
36 (118'1")	3.5 (7.7)	6.6 (14.5)												
38 (124'8")	2.8 (6.1)	5.9 (13)												
40 (131'3")	2.1 (4.6)	5.2 (11.4)	6.6 (14.5)											
42 (137'10")		4.6 (10.1)	6.0 (13.2)											
44 (144'4")		4.0 (8.8)	5.3 (11.6)											
46 (150'11")		3.5 (7.7)	4.7 (10.3)											
48 (157'6")		3.0 (6.6)	4.1 (9)											
50 (164'0")		2.4 (5.2)	3.6 (7.9)	4.8 (10.5)										
52 (170'7")		2.0 (4.4)	3.1 (6.8)	4.2 (9.2)										
54 (177'2")			2.6 (5.7)	3.6 (7.9)										
56 (183'9")			2.1 (4.6)	3.1 (6.8)										
58 (190'3")				2.7 (5.9)										
60 (169'10")				2.1 (4.6)										
62 (203'5")														
64 (209'12")														
66 (216'6")														



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)	
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000	
52.5 (172'3")	

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")	13.5 (29.7)											
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
26 (85'4")		13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
28 (91'10")		13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
30 (98'5")			13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)			
32 (104'12")			13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
34 (111'7")			13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)		
36 (118'1")				13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)		
38 (124'8")				13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.4 (29.5)	
40 (131'3")					12.8 (28.2)					13.5 (29.7)	12.5 (27.5)	
42 (137'10")					11.9 (26.2)	10.7 (23.5)					11.7 (25.7)	
44 (144'4")						10.0 (22)					11.0 (24.2)	9.7 (21.3)
46 (150'11")						9.4 (20.7)						9.1 (20)
48 (157'6")												8.5 (18.7)
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (169'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												

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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)	
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000	
52.5 (172'3")	

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
	Main boom angle: deg.											
Radius: m (ft & in.)	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")												
14 (45'11")	13.5 (29.7)											
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)						13.5 (29.7)					
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
34 (111'7")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
36 (118'1")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
38 (124'8")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
40 (131'3")			13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.1 (28.8)		
42 (137'10")			13.5 (29.7)	13.1 (28.8)	11.5 (25.3)			13.5 (29.7)	13.5 (29.7)	12.3 (27.1)		
44 (144'4")				12.2 (26.8)	10.8 (23.8)			13.5 (29.7)	13.3 (29.3)	11.7 (25.7)	10.3 (22.7)	
46 (150'11")				11.5 (25.3)	10.1 (22.2)				12.5 (27.5)	11.1 (24.4)	9.7 (21.3)	
48 (157'6")					9.6 (21.1)	8.2 (18)			11.8 (26)	10.5 (23.1)	9.3 (20.5)	
50 (164'0")					9.0 (19.8)	7.7 (16.9)				9.9 (21.8)	8.8 (19.4)	
52 (170'7")						7.2 (15.8)				9.4 (20.7)	8.3 (18.2)	6.8 (14.9)
54 (177'2")						6.8 (14.9)					7.8 (17.1)	6.4 (14.1)
56 (183'9")											7.3 (16)	6.0 (13.2)
58 (190'3")												5.6 (12.3)
60 (196'10")												5.3 (11.6)
62 (203'5")												
64 (209'12")												
66 (216'6")												

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
52.5 (172'3")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
18 (59'1")	13.5 (29.7)											
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)						13.5 (29.7)					
24 (78'9")	13.5 (29.7)						13.5 (29.7)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
28 (91'10")	13.5 (29.7)	13.5 (29.7)					12.8 (28.2)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)					11.9 (26.2)	13.5 (29.7)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)					11.2 (24.6)	13.1 (28.8)				
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				10.5 (23.1)	12.2 (26.8)				
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				9.9 (21.8)	11.4 (25.1)				
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				9.4 (20.7)	10.7 (23.5)	12.4 (27.3)			
40 (131'3")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.2 (29.1)			8.9 (19.6)	10.1 (22.2)	11.6 (25.5)			
42 (137'10")	12.4 (27.3)	13.5 (29.7)	13.5 (29.7)	12.4			8.4 (18.5)	9.6 (21.1)	10.9 (24)			
44 (144'4")	11.5 (25.3)	13.5 (29.7)	13.1 (28.8)	11.7 (25.7)			8.0 (17.6)	9.0 (19.8)	10.3 (22.7)			
46 (150'11")		13.3 (29.3)	12.3 (27.1)	11.2 (24.6)			7.5 (16.5)	8.6 (18.9)	9.7 (21.3)	10.2 (22.4)		
48 (157'6")		12.2 (26.8)	11.6 (25.5)	10.5 (23.1)	8.9 (19.6)		7.1 (15.6)	8.1 (17.8)	9.2 (20.2)	9.7 (21.3)		
50 (164'0")		11.3 (24.9)	11.0 (24.2)	10.0 (22)	8.3 (18.2)		6.8 (14.9)	7.7 (16.9)	8.7 (19.1)	9.2 (20.2)		
52 (170'7")			10.4 (22.9)	9.4 (20.7)	7.8 (17.1)		6.5 (14.3)	7.3 (16)	8.3 (18.2)	8.8 (19.4)		
54 (177'2")			9.9 (21.8)	9.0 (19.8)	7.3 (16)		6.2 (13.6)	6.9 (15.2)	7.9 (17.4)	8.4 (18.5)	7.0 (15.4)	
56 (183'9")				8.5 (18.7)	6.8 (14.9)	5.7 (12.5)		6.6 (14.5)	7.4 (16.3)	8.0 (17.6)	6.5 (14.3)	
58 (190'3")				8.1 (17.8)	6.5 (14.3)	5.4 (11.9)		6.3 (13.8)	7.1 (15.6)	7.5 (16.5)	6.1 (13.4)	
60 (196'10")					6.1 (13.4)	5.1 (11.2)			6.7 (14.7)	7.1 (15.6)	5.8 (12.7)	
62 (203'5")					5.8 (12.7)	4.7 (10.3)			6.5 (14.3)	6.8 (14.9)	5.4 (11.9)	4.2 (9.2)
64 (209'12")						4.5 (9.9)				6.4 (14.1)	5.1 (11.2)	3.9 (8.5)
66 (216'6")						4.2 (9.2)				6.1 (13.4)	4.8 (10.5)	3.6 (7.9)
68 (223'1")											4.5 (9.9)	3.4 (7.4)
70 (229'8")											4.3 (9.4)	3.2 (7)
72 (236'3")											4.1 (9)	3.0 (6.6)
74 (242'9")												2.8 (6.1)
76 (249'4")												2.6 (5.7)

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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 52.5 (172'3")

Jib length: m (ft & in.)	61 (200'2")													
Radius: m (ft & in.)	Main boom angle: deg.													
	88°	83°	78°	73°	68°	63°								
16 (52'6")														
18 (59'1")														
20 (65'7")														
22 (72'2")	9.6 (21.1)													
24 (78'9")	8.8 (19.4)													
26 (85'4")	7.9 (17.4)													
28 (91'10")	6.8 (14.9)													
30 (98'5")	5.8 (12.7)													
32 (104'12")	5.0 (11)	7.8 (17.1)												
34 (111'7")	4.2 (9.2)	7.1 (15.6)												
36 (118'1")	3.5 (7.7)	6.7 (14.7)												
38 (124'8")	2.8 (6.1)	6.1 (13.4)												
40 (131'3")	2.1 (4.6)	5.4 (11.9)	6.8 (14.9)											
42 (137'10")		4.7 (10.3)	6.3 (13.8)											
44 (144'4")		4.1 (9)	5.6 (12.3)											
46 (150'11")		3.6 (7.9)	4.9 (10.8)											
48 (157'6")		3.1 (6.8)	4.3 (9.4)											
50 (164'0")		2.6 (5.7)	3.7 (8.1)	5.0 (11)										
52 (170'7")		2.1 (4.6)	3.2 (7)	4.4 (9.7)										
54 (177'2")			2.7 (5.9)	3.9 (8.5)										
56 (183'9")			2.2 (4.8)	3.3 (7.2)										
58 (190'3")			1.8 (3.9)	2.9 (6.3)										
60 (169'10")				2.3 (5)										
62 (203'5")				1.9 (4.1)										
64 (209'12")														
66 (216'6")														
68 (223'1")														
70 (229'8")														



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 55.5 (182'1")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")	13.5 (29.7)											
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
26 (85'4")		13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
28 (91'10")		13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
30 (98'5")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)			
32 (104'12")			13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
34 (111'7")			13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)		
36 (118'1")				13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)		
38 (124'8")				13.5 (29.7)	13.0 (28.6)					13.5 (29.7)	13.0 (28.6)	
40 (131'3")					12.1 (26.6)					13.5 (29.7)	12.1 (26.6)	
42 (137'10")					11.4 (25.1)	9.4 (20.7)				12.8 (28.2)	11.3 (24.9)	
44 (144'4")					10.7 (23.5)	9.2 (20.2)					10.6 (23.3)	8.9 (19.6)
46 (150'11")						8.6 (18.9)					10.0 (22)	8.3 (18.2)
48 (157'6")						8.1 (17.8)						7.8 (17.1)
50 (164'0")												7.2 (15.8)
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (169'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												

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Extension Jib Hook for "LJ" Operating Configuration




Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 55.5 (182'1")

Jib length: m (ft & in.)	31 (101'8")						37 (127'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
12 (39'4")												
14 (45'11")	13.5 (29.7)											
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)						13.5 (29.7)					
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
36 (118'1")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
38 (124'8")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
40 (131'3")			13.5 (29.7)	13.1 (28.8)				13.5 (29.7)	13.5 (29.7)	12.3 (27.1)		
42 (137'10")			13.5 (29.7)	12.4 (27.3)	10.8 (23.8)			13.5 (29.7)	13.4 (29.5)	11.6 (25.5)		
44 (144'4")				11.8 (26)	10.1 (22.2)			13.5 (29.7)	12.6 (27.7)	11.0 (24.2)		
46 (150'11")				11.1 (24.4)	9.5 (20.9)				12.0 (26.4)	10.4 (22.9)	9.0 (19.8)	
48 (157'6")				10.5 (23.1)	8.9 (19.6)	7.4 (16.3)			11.5 (25.3)	10.0 (22)	8.5 (18.7)	
50 (164'0")					8.4 (18.5)	6.9 (15.2)				9.5 (20.9)	8.1 (17.8)	
52 (170'7")					7.9 (17.4)	6.5 (14.3)				9.0 (19.8)	7.7 (16.9)	6.1 (13.4)
54 (177'2")						6.1 (13.4)				8.6 (18.9)	7.2 (15.8)	5.7 (12.5)
56 (183'9")						5.7 (12.5)					6.8 (14.9)	5.3 (11.6)
58 (190'3")											6.4 (14.1)	5.0 (11)
60 (169'10")												4.7 (10.3)
62 (203'5")												4.4 (9.7)
64 (209'12")												
66 (216'6")												

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
55.5 (182'1")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
	Main boom angle: deg.											
Radius: m (ft & in.)	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
16 (52'6")												
18 (59'1")	13.5 (29.7)											
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)						13.5 (29.7)					
24 (78'9")	13.5 (29.7)						13.5 (29.7)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
28 (91'10")	13.5 (29.7)	13.5 (29.7)					12.8 (28.2)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)					11.9 (26.2)	13.5 (29.7)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)					11.2 (24.6)	13.2 (29.1)				
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				10.5 (23.1)	12.3 (27.1)				
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				9.9 (21.8)	11.5 (25.3)				
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				9.4 (20.7)	10.8 (23.8)	12.6 (27.7)			
40 (131'3")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				8.9 (19.6)	10.2 (22.4)	11.8 (26)			
42 (137'10")	12.5 (27.5)	13.5 (29.7)	13.4 (29.5)	11.8 (26)			8.4 (18.5)	9.6 (21.1)	11.1 (24.4)			
44 (144'4")	11.5 (25.3)	13.5 (29.7)	12.8 (28.2)	11.1 (24.4)			8.0 (17.6)	9.1 (20)	10.5 (23.1)			
46 (150'11")		13.4 (29.5)	12.0 (26.4)	10.6 (23.3)			7.5 (16.5)	8.6 (18.9)	9.9 (21.8)	9.7 (21.3)		
48 (157'6")		12.4 (27.3)	11.4 (25.1)	10.1 (22.2)			7.1 (15.6)	8.2 (18)	9.4 (20.7)	9.2 (20.2)		
50 (164'0")		11.4 (25.1)	10.7 (23.5)	9.6 (21.1)	7.7 (16.9)		6.8 (14.9)	7.8 (17.1)	8.9 (19.6)	8.7 (19.1)		
52 (170'7")			10.2 (22.4)	9.1 (20)	7.1 (15.6)		6.5 (14.3)	7.3 (16)	8.4 (18.5)	8.3 (18.2)		
54 (177'2")			9.7 (21.3)	8.6 (18.9)	6.7 (14.7)		6.2 (13.6)	7.0 (15.4)	8.0 (17.6)	7.9 (17.4)	6.4 (14.1)	
56 (183'9")				8.2 (18)	6.3 (13.8)	5.1 (11.2)		6.6 (14.5)	7.5 (16.5)	7.4 (16.3)	6.0 (13.2)	
58 (190'3")				7.8 (17.1)	5.9 (13)	4.7 (10.3)		6.4 (14.1)	7.1 (15.6)	7.1 (15.6)	5.6 (12.3)	
60 (169'10")				7.3 (16)	5.6 (12.3)	4.4 (9.7)			6.8 (14.9)	6.7 (14.7)	5.2 (11.4)	
62 (203'5")					5.2 (11.4)	4.1 (9)			6.5 (14.3)	6.4 (14.1)	4.9 (10.8)	3.6 (7.9)
64 (209'12")					5.0 (11)	3.9 (8.5)			6.3 (13.8)	6.0 (13.2)	4.6 (10.1)	3.3 (7.2)
66 (216'6")						3.6 (7.9)				5.7 (12.5)	4.3 (9.4)	3.1 (6.8)
68 (223'1")						3.4 (7.4)				5.4 (11.9)	4.1 (9)	
70 (229'8")											3.8 (8.3)	
72 (236'3")											3.6 (7.9)	
74 (242'9")												

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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 58.5 (191'11")

Jib length: m (ft & in.)	22 (72'2")						25 (82'0")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
14 (45'11")	13.5 (29.7)						13.5 (29.7)					
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
20 (65'7")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
26 (85'4")		13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
28 (91'10")		13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
30 (98'5")		13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)			
32 (104'12")			13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)			
34 (111'7")			13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)		
36 (118'1")				13.5 (29.7)					13.5 (29.7)	13.5 (29.7)		
38 (124'8")				13.5 (29.7)	12.1 (26.6)				13.5 (29.7)	13.5 (29.7)		
40 (131'3")				13.4 (29.5)	11.4 (25.1)					13.5 (29.7)	11.5 (25.3)	
42 (137'10")					10.8 (23.8)					12.5 (27.5)	10.8 (23.8)	
44 (144'4")					10.2 (22.4)	8.7 (19.1)					10.0 (22)	
46 (150'11")						8.2 (18)					9.4 (20.7)	7.8 (17.1)
48 (157'6")						7.5 (16.5)					8.8 (19.4)	7.2 (15.8)
50 (164'0")												6.8 (14.9)
52 (170'7")												6.3 (13.8)
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000

58.5 (191'11")

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
14 (45'11")	13.5 (29.7)											
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)						13.5 (29.7)					
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
36 (118'1")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
38 (124'8")		13.5 (29.7)	13.5 (29.7)	13.3 (29.3)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
40 (131'3")			13.5 (29.7)	12.4 (27.3)				13.5 (29.7)	13.5 (29.7)	12.6 (27.7)		
42 (137'10")			13.5 (29.7)	11.8 (26)				13.5 (29.7)	13.5 (29.7)	11.9 (26.2)		
44 (144'4")			13.1 (28.8)	11.2 (24.6)	9.6 (21.1)			13.5 (29.7)	12.9 (28.4)	11.2 (24.6)		
46 (150'11")				10.7 (23.5)	9.1 (20)				12.1 (26.6)	10.6 (23.3)	8.7 (19.1)	
48 (157'6")				10.2 (22.4)	8.6 (18.9)				11.4 (25.1)	10.0 (22)	8.2 (18)	
50 (164'0")					8.1 (17.8)	6.2 (13.6)			10.8 (23.8)	9.4 (20.7)	7.7 (16.9)	
52 (170'7")					7.5 (16.5)	5.8 (12.7)				8.9 (19.6)	7.1 (15.6)	
54 (177'2")						5.5 (12.1)				8.5 (18.7)	6.7 (14.7)	5.1 (11.2)
56 (183'9")						5.1 (11.2)					6.3 (13.8)	4.7 (10.3)
58 (190'3")						4.8 (10.5)					5.9 (13)	4.4 (9.7)
60 (199'10")												4.1 (9)
62 (203'5")												3.9 (8.5)
64 (209'12")												3.6 (7.9)
66 (216'6")												
68 (223'1")												


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Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)

Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
58.5 (191'11")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
16 (52'6")	13.5 (29.7)											
18 (59'1")	13.5 (29.7)											
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)						13.5 (29.7)					
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
28 (91'10")	13.5 (29.7)	13.5 (29.7)					12.9 (28.4)					
30 (98'5")	13.5 (29.7)	13.5 (29.7)					12.0 (26.4)	13.5 (29.7)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.2 (24.6)	13.4 (29.5)				
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				10.5 (23.1)	12.4 (27.3)				
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				9.9 (21.8)	11.6 (25.5)				
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				9.4 (20.7)	10.9 (24)	13.0 (28.6)			
40 (131'3")	12.5 (27.5)	13.5 (29.7)	13.0 (28.6)	11.2 (24.6)			8.9 (19.6)	10.3 (22.7)	12.1 (26.6)			
42 (137'10")	11.6 (25.5)	13.5 (29.7)	12.2 (26.8)	10.6 (23.3)			8.4 (18.5)	9.7 (21.3)	11.3 (24.9)			
44 (144'4")		13.4 (29.5)	11.7 (25.7)	10.1 (22.2)			8.0 (17.6)	9.2 (20.2)	10.7 (23.5)			
46 (150'11")		12.5 (27.5)	11.1 (24.4)	9.6 (21.1)			7.5 (16.5)	8.7 (19.1)	10.1 (22.2)			
48 (157'6")		11.6 (25.5)	10.5 (23.1)	9.1 (20)	7.0 (15.4)		7.1 (15.6)	8.3 (18.2)	9.5 (20.9)	8.7 (19.1)		
50 (164'0")			10.0 (22)	8.7 (19.1)	6.6 (14.5)		6.8 (14.9)	7.8 (17.1)	9.0 (19.8)	8.2 (18)		
52 (170'7")			9.5 (20.9)	8.3 (18.2)	6.2 (13.6)		6.5 (14.3)	7.4 (16.3)	8.5 (18.7)	7.8 (17.1)		
54 (177'2")			9.0 (19.8)	7.8 (17.1)	5.8 (12.7)		6.2 (13.6)	7.0 (15.4)	8.1 (17.8)	7.3 (16)		
56 (183'9")				7.3 (16)	5.4 (11.9)	4.2 (9.2)		6.7 (14.7)	7.7 (16.9)	7.0 (15.4)	5.5 (12.1)	
58 (190'3")				6.9 (15.2)	5.1 (11.2)	3.9 (8.5)		6.4 (14.1)	7.2 (15.8)	6.7 (14.7)	5.1 (11.2)	
60 (169'10")					4.8 (10.5)	3.6 (7.9)			6.9 (15.2)	6.4 (14.1)	4.8 (10.5)	
62 (203'5")					4.5 (9.9)	3.4 (7.4)			6.6 (14.5)	6.0 (13.2)	4.5 (9.9)	
64 (209'12")						3.1 (6.8)			6.3 (13.8)	5.7 (12.5)	4.2 (9.2)	
66 (216'6")						2.9 (6.3)				5.4 (11.9)	3.9 (8.5)	
68 (223'1")										5.1 (11.2)	3.7 (8.1)	
70 (229'8")											3.4 (7.4)	
72 (236'3")											3.2 (7)	
74 (242'9")											3.0 (6.6)	



Extension Jib Hook for "LJ" Operating Configuration 

Table includes counterweight  187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000
61.5 (201'9")

Jib length: m (ft & in.)	31 (101'8")						37 (121'5")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
14 (45'11")	13.5 (29.7)											
16 (52'6")	13.5 (29.7)						13.5 (29.7)					
18 (59'1")	13.5 (29.7)						13.5 (29.7)					
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
24 (78'9")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
28 (91'10")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)	13.5 (29.7)				
30 (98'5")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
36 (118'1")		13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
38 (124'8")		13.5 (29.7)	13.5 (29.7)	12.4 (27.3)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
40 (131'3")			13.5 (29.7)	11.7 (25.7)			13.0 (28.6)	13.5 (29.7)	13.5 (29.7)	12.0 (26.4)		
42 (137'10")			13.1 (28.8)	11.1 (24.4)				13.5 (29.7)	13.2 (29.1)	11.3 (24.9)		
44 (144'4")			12.4 (27.3)	10.5 (23.1)	8.8 (19.4)			13.5 (29.7)	12.6 (27.7)	10.7 (23.5)		
46 (150'11")				10.0 (22)	8.3 (18.2)				11.8 (26)	10.2 (22.4)		
48 (157'6")				9.6 (21.1)	7.9 (17.4)				11.2 (24.6)	9.7 (21.3)	7.4 (16.3)	
50 (164'0")				9.2 (20.2)	7.3 (16)				10.6 (23.3)	9.3 (20.5)	6.9 (15.2)	
52 (170'7")					6.8 (14.9)	5.1 (11.2)				8.7 (19.1)	6.5 (14.3)	
54 (177'2")					6.4 (14.1)	4.7 (10.3)				8.2 (18)	6.1 (13.4)	
56 (183'9")						4.4 (9.7)					5.7 (12.5)	4.3 (9.4)
58 (190'3")						4.1 (9)					5.3 (11.6)	4.0 (8.8)
60 (169'10")											5.0 (11)	3.7 (8.1)
62 (203'5")												3.5 (7.7)
64 (209'12")												3.2 (7)
66 (216'6")												
68 (223'1")												

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Load Charts

SCC3000US

Extension Jib Hook for "LJ" Operating Configuration



Table includes counterweight 187.8 + 12.8 x 1000 lb (Boom hook not included)
Main boom length: meters (feet & inches) Unit: kg (lb) x 1000 61.5 (201'9")

Jib length: m (ft & in.)	43 (141'1")						52 (170'7")					
Radius: m (ft & in.)	Main boom angle: deg.											
	88°	83°	78°	73°	68°	63°	88°	83°	78°	73°	68°	63°
18 (59'1")	13.5 (29.7)											
20 (65'7")	13.5 (29.7)						13.5 (29.7)					
22 (72'2")	13.5 (29.7)						13.5 (29.7)					
24 (78'9")	13.5 (29.7)						13.5 (29.7)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)					13.5 (29.7)					
28 (91'10")	13.5 (29.7)	13.5 (29.7)					12.9 (28.4)					
30 (98'5")	13.5 (29.7)	13.5 (29.7)					12.0 (29.7)	13.5 (29.7)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)					11.2 (24.6)	13.5 (29.7)				
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				10.6 (23.3)	12.6 (29.7)				
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				9.9 (21.8)	11.8 (26)				
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				9.4 (20.7)	11.0 (24.2)	12.9 (28.4)			
40 (131'3")	13.1 (28.8)	13.5 (29.7)	13.2 (29.1)				8.9 (19.6)	10.4 (22.9)	12.1 (26.6)			
42 (137'10")	12.4 (27.3)	13.5 (29.7)	12.4 (27.3)				8.4 (18.5)	9.8 (21.6)	11.4 (25.1)			
44 (144'4")	11.6 (25.5)	13.0 (28.6)	11.7 (25.7)	10.0 (22)			8.0 (17.6)	9.3 (20.5)	10.8 (23.8)			
46 (150'11")		12.3 (27.1)	11.2 (24.6)	9.5 (20.9)			7.5 (16.5)	8.8 (19.4)	10.2 (22.4)			
48 (157'6")		11.8 (26)	10.6 (23.3)	9.0 (19.8)			7.1 (15.6)	8.3 (18.2)	9.7 (21.3)	8.1 (17.8)		
50 (164'0")		11.4 (25.1)	10.2 (22.4)	8.6 (18.9)			6.8 (14.9)	7.9 (17.4)	9.1 (20)	7.7 (16.9)		
52 (170'7")			9.7 (21.3)	8.1 (17.8)	5.9 (13)		6.5 (14.3)	7.4 (16.3)	8.8 (18.9)	7.2 (15.8)		
54 (177'2")			9.2 (20.2)	7.8 (17.1)	5.5 (12.1)		6.2 (13.6)	7.1 (15.6)	8.2 (18)	6.8 (14.9)		
56 (183'9")			8.8 (19.4)	7.2 (15.8)	5.2 (11.4)			6.7 (14.7)	7.8 (17.1)	6.5 (14.3)	4.9 (10.8)	
58 (190'3")				6.8 (14.9)	4.8 (10.5)			6.4 (14.1)	7.3 (16)	6.2 (13.6)	4.5 (9.9)	
60 (196'10")				6.5 (14.3)	4.5 (9.9)			6.2 (13.6)	7.0 (15.4)	5.9 (13)	4.1 (9)	
62 (203'5")					4.2 (9.2)				6.7 (14.7)	5.6 (12.3)	3.9 (8.5)	
64 (209'12")					4.0 (8.8)				6.4 (14.1)	5.3 (11.6)	3.7 (8.1)	
66 (216'6")					3.7 (8.1)					5.0 (11)	3.4 (7.4)	
68 (223'1")										4.7 (10.30)	3.2 (7)	
70 (229'8")										4.4 (9.7)	3.0 (6.6)	
72 (229'8")											2.7 (6.6)	

SANY

Specifications

Table of Machine Measurements	9-2
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Table of Machine Measurements

The information in these tables is for standard job site operating purposes only and not for shipping. Below are the dimensions and weights necessary for general operating procedures with the standard boom and work equipment only.

General Working Dimensions (Standard Machine)

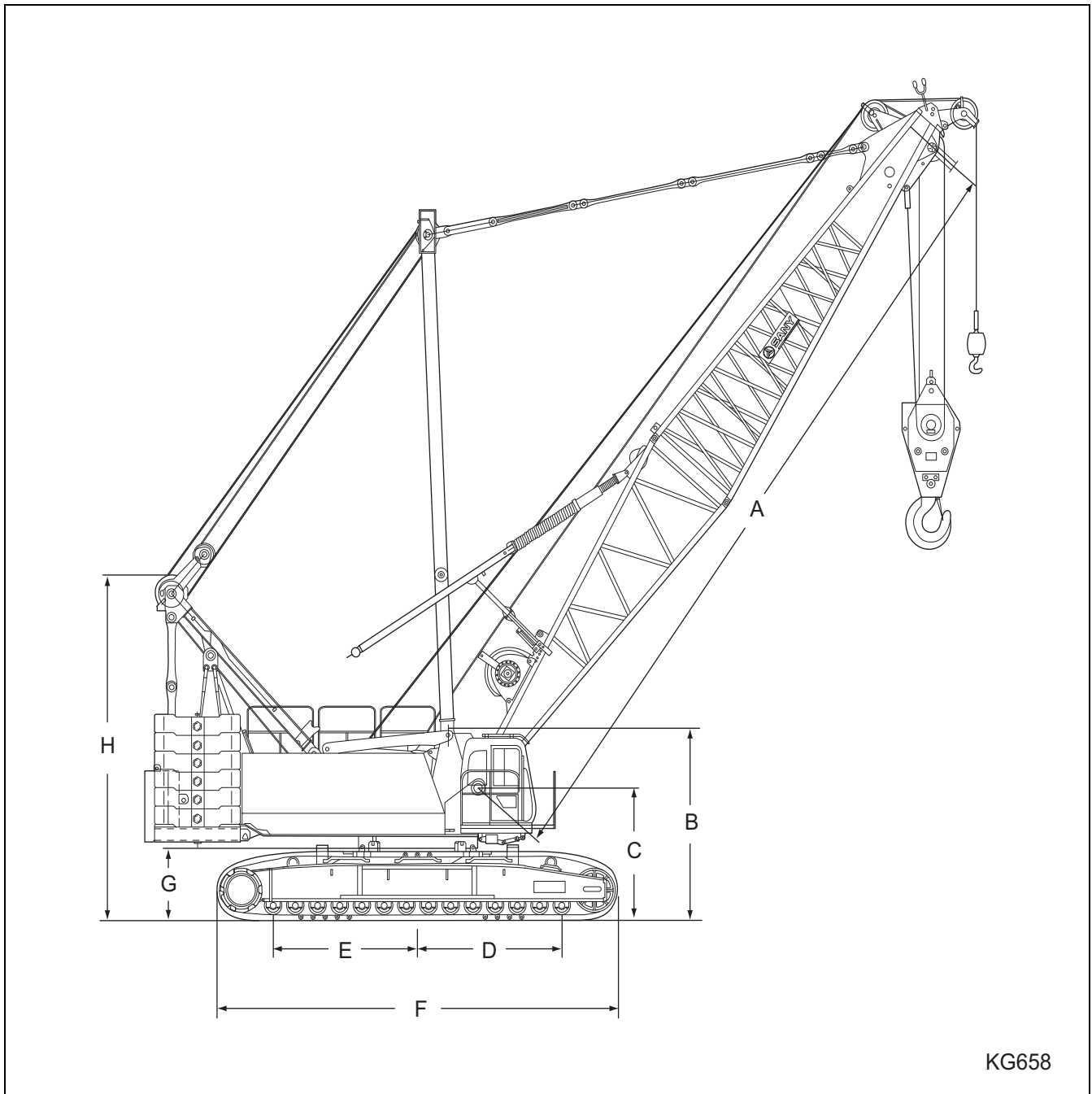


Fig. 9-1

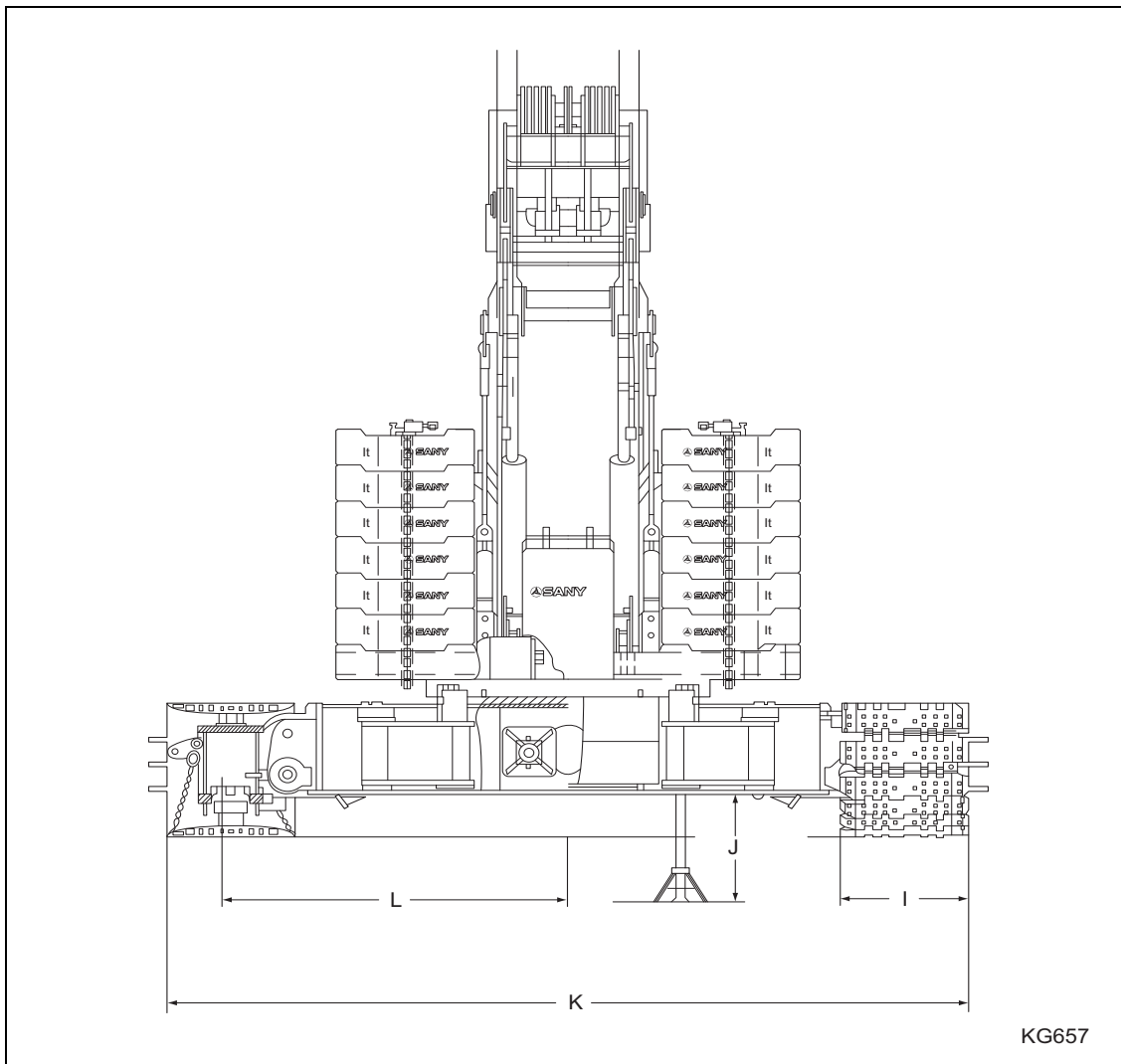


Fig. 9-2

Location	Description	Dimension
A	Boom length from mounting boss to fixed jib (standard boom)	16,500 mm (54'2")
B	Height from ground to bottom of luffing mast center support	3,825 mm (12'7")
C	Height from ground to center line of operator seat	2,645 mm (8'8")
D	Distance from first front lower track roller to center of track frame	3,315 mm (10'11")
E	Distance from first rear lower track roller to center of track frame	3,315 mm (10'11")
F	Track frame length	9,134 mm (29'11")
G	Distance from ground to bottom of counterweight tray	1,410 mm (4'6")
H	Distance from ground to counterweight luffing mast support	6,890 mm (22'7")
I	Track shoe width (standard)	1,220 mm (10'11")
J	Jacking height	1,100 mm (3'7")
K	Overall width of machine	7,681 mm (25'2")
L	Outside edge of track link to center of machine	3,315 mm (10'11")

Specifications
SCC3000US

Performance Parameters

Item	Unit	Dimension
Rated hoisting capacity	t (USt)	260 (286)
Maximum hoisting moment	t/m (USt/ft)	260 x 4.8 = 1,248 (286 x 15.7 = 4,490)
Main boom length	m (ft)	16.5 - 91.5 (54'2" - 300'2")
Fixed jib length	m (ft)	13 - 31 (42'8" - 101'8")
Luffing jib length	m (ft)	22 - 61 (72'2" - 200'2")
Longest main boom plus longest fixed jib permitted	m (ft)	76.5 + 31 (250'11" + 101'8")
Longest main boom plus longest luffing jib permitted	m (ft)	61.5 + 52 or 52.5 + 61 (201'9" + 170'7" or 172'3" + 200'2")
Luffing angle of hoisting boom	deg.	30 - 81
Luffing angle of hoisting boom under luffing jib (permitted angle)	deg.	63 - 88
Luffing angle of hoisting jib	deg.	15 - 75
Main winch rope maximum speed (outer working layer)	m/min (ft/min)	143 (1,469.1)
Auxiliary winch rope maximum speed (outer most working layer)	m/min (ft/min)	143 (1,469.1)
Main luffing rope maximum speed (outer most working layer)	m/min (ft/min)	2 x 31 (2 x 101.7)
Jib luffing rope maximum speed (outer most working layer)	m/min (ft/min)	34 (111.5)
Swing speed system (no load)	rpm	0 - 1.8 (Kawasaki)
Swing speed system (no load)	rpm	0 - 1.2 (Rexroth)
Travel speed	km/h (mph)	0 - 1.04 (0.65) high 0 - 0.51 (0.32) low
Maximum working angle of machine (with standard boom and no load)	%	30
Overall crane weight [standard boom 250 t (275 USt) hook]	Kg (lb)	240,000 (529,100)
Ground pressure [basic boom 250 t (275 USt) hook]	MPa (psi)	0.108 (15.675)
Counterweight tray	kg (lb)	13,200 (29,100)
Counterweight block	kg (lb)	6,000 x 12 (13,228 x 12)
Chassis counterweight	kg (lb)	6,000 x 4 (13,228 x 4)
Additional counterweight	kg (lb)	5,800 (12,786)
Maximum transport size of single component	mm (ft)	13,700 x 3,400 x 3,400 (44'11" x 11'2" x 11'2")
Maximum transport weight of single unit component	kg (lb)	57,000 (125,661)
Maximum transport dimensions of single unit (Length x Width x Height)	mm (ft' and in")	13,700 x 3,400 x 3,400 (44'11" x 11'2" x 11'2")

Engine Specifications

Information	Specifications
Cummins	QSL9 (tier III)
Rated engine speed	2,100 rpm
Rated torque @ rpm	1,424 N•m @ 1,500 rpm (1,050 lbf•ft @ 1,500 rpm)
Rated power @ rpm	242 KW @ 2,100 rpm (324.5 hp @ 1,500 rpm)

Battery Specifications

Cold Cranking Amps	Capacity (min.)	Connection mode
850	230 Amps/min.	series 2

Hydraulic Pumps

Pump systems for the machine will depend upon what is installed during the manufacturing process. It is important to verify the pump system for your machine before taking any pressure readings.

Kawasaki System

Location	Rated Output bar (psi)	Output mL/rpm (oz/rpm)
Main pump	314 (4,557)	2 x 120 (2 x 4)
Rotary pump	294 (4,267)	100 (3.4)
Servo pump	39 (566)	20 (0.7)
Auxiliary pump	210 (3,048)	30 (1)

Rexroth System

Location	Rated Output bar (psi)	Output mL/rpm (oz/rpm)
Main pump	350 (5,080)	2 x 140 (2 x 4.73)
Rotary pump	330 (4,790)	90 (3.04)
Servo pump	210 (3,048)	32 (1.08)
Auxiliary pump	40 (581)	32 (1.08)

Specifications
SCC3000US

Hoisting System

This information is for the approved standard Sany hook block configurations approved for use on this machine. Optional hook blocks or attachments must be approved by your Sany America distributor.

Hook Parameters

- Main boom: 16.5 - 91.5 m (54'2" - 300'2")
- Longest main boom + Longest fixed jib: 76.5 + 31 m (250'11" + 101'8")
- Tower boom + Luffing jib: 22.5 - 61.5 m + 22 - 61 m (73'10" - 201'9" + 72'2" - 200'2")
- Main boom + Extension jib: 16.5 - 91.5 m + 0.98 m (54'2" - 300'2" + 3'3")

Hook: dead-weight	metric ton	250	150	100	80	35	13.5
	US ton	275	165	110	88	38.5	14.8
Weight of hook	Kg	4,300	3,100	2,000	1,500	1,200	450
	Lb	9,500	6,840	4,400	3,300	2,650	990

Wire Rope Falls for Hook Blocks

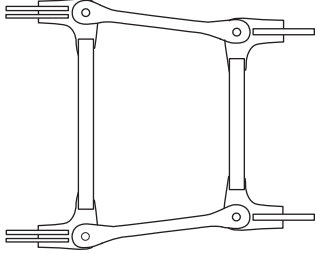
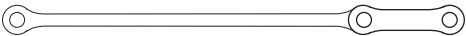
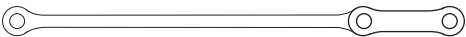
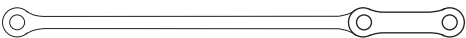
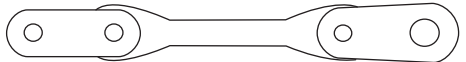
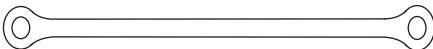
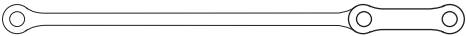

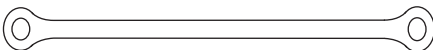

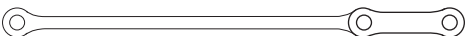
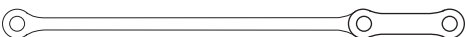
Hook block: t (USt)	Rope Falls													
	22	18	16	14	12	10	8	7	6	5	4	3	2	1
	Rated Load: t (USt)													
250 (275)	260 (286)	220 (243)	198 (218)	174 (192)	150 (165)	125 (138)								
150 (165)					150 (165)	125 (138)	100 (110)	88 (97)						
100 (110)							100 (110)	88 (97)	75 (83)	60 (66)				
80 (88)									75 (83)	58 (63)	45 (50)	35 (39)	25 (28)	
35 (38.5)												35 (39)	25 (28)	13.5 (15)
13.5 (14.8)														13.5 (15)

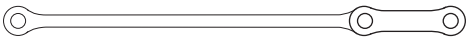

Wire Rope Parameters

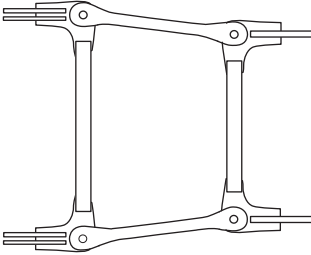

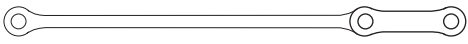

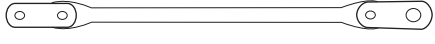
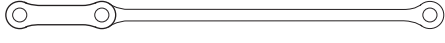
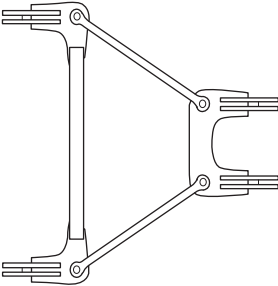
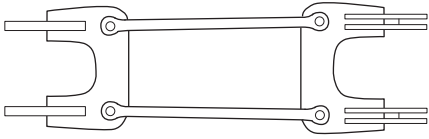
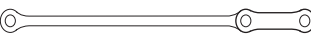
Winch	Wire Rope	Specifications
W1	Diameter of wire rope	26 mm (1')
	Length of wire rope	480 m (1,574'9")
	Rated tensile strength of single rope	14,500kg (31,966lb)
	Single rope speed at the outer most layer	0 - 143 m/min (0 - 469 ft/min)
W2	Diameter of wire rope	26 mm (1')
	Length of wire rope	390 m (1,279'6")
	Rated tensile strength of single rope	14,500kg (31,966lb)
	Single rope speed at the outer most layer	0 - 143 m/min (0 - 469 ft/min)
W3	Diameter of wire rope	22 mm (7/8')
	Length of wire rope	350 m (13-3/4")
	Rated tensile strength of single rope	11,200kg (2,469lb)
	Single rope speed at the outer most layer	0 - 31 m/min (0 - 101 ft/min)
W4	Diameter of wire rope	22 mm (7/8')
	Length of wire rope	265 m (869" 5")
	Rated tensile strength of single rope	11,200kg (2,469lb)
	Single rope speed at the outer most layer	0 - 34 m/min (0 - 111 ft/min)

**Specifications
SCC3000US**

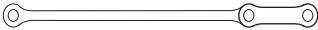
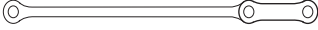

Pull Plate Table

Location	Item	Length
A		1.85 m (6'1")
B		2.54 m (6'1") including connector
C		3 m (6'1") including connector
D		6 m (19'8") including connector
K		1.26 m (4'2") including connector
Pull plate under fixed jib (operating conditions)		
G		1.5 m (4'11")
H		6.74 m (22'1")
H2		6.54 m (21'5")
I		6 m (19'8")
J		0.7 m (2'4")
W		1.15 m (3'9")
X		0.85 m (2'9")

Location	Item	Length
Y		0.69 m (2'3")
Z		0.59 m (1'11")

Pull plate under luffing jib (operating conditions)		
A		1.8 m (6'1")
B		2.54 m (6'1") including connector
C		3 m (9'10") including connector
D		6 m (19'8") including connector
E		2.84 m (9'4") including connector
F		54.46 m (17'11") including connector
G		1.72 m (5'8")
H-		1.89 m (6'2")
I		54.46 m (17'11") including connector

Specifications
SCC3000US

<p>J---</p> <p>Q250C.85.14.6 Q250C.85.15.6</p>		<p>3 m (9'10") including connector</p>
<p>L---</p> <p>Q250C.85.14.6 Q250C.85.14.5</p>		<p>6 m (19'8") including connector</p>
<p>M---</p> <p>Q250C.85.14.6 Q250C.85.14.7</p>		<p>6.1 m (20') including connector</p>

Configuration of mid-point suspension cable for main boom system:

To be installed on booms with length of 79.5 m - 91.5 m (260'10" - 300'2") in "H" operating conditions and not for booms of other lengths. Mid-point suspension cable is shown in the illustration.

- A. 1,265 mm (49.8 in.)
- B. 2,200 mm (86.6 in.)
- C. 2,200 mm (86.6 in.)

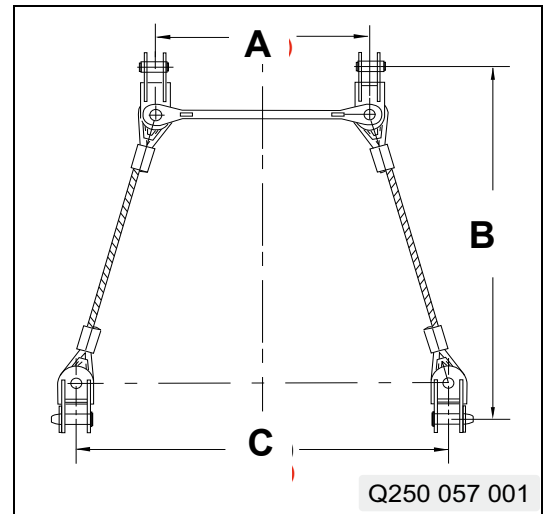


Fig. 9-3

Main Boom and Jib Combinations

Main Boom					
Boom	Boom base	3 m (9'10")	6 m (19'8")	12 m (39'4")	Boom tip
Amount	1	1	2	5	1
Fixed Jib					
Fixed jib	Jib base	3 m (9'10")	6 m (19'8")	—	Jib tip
Amount	1	1	3	—	1
Fly Jib					
Luffing jib	Jib base	3 m (9'10")	6 m (19'8")	12 m (39'4")	Jib tip
Amount	1	2	1	3	1

Combination Codes

No.	Operating Conditions	Code
1	Main boom	H
2	Main boom + Fixed jib	FJ
3	Main boom + Luffing jib	LJ
4	Main boom + Extension jib	HC

Operating Configurations

- Main boom range length is: 16.5 - 91.5 m (54'2" - 300'2")
- Hook range permitted: 250 t (275 USt), 150 t (165 USt), 100 t (110 USt), 80 t (88 USt), 35 t (38.5 USt) or 13.5 t (14.8 USt)

The top section combines together with the basic boom to make a 16.5 m (54'2") basic boom which is the shortest main boom combination. In addition, there is a 3 m (9'10") section, two 6 m (19'6") sections and five 12 m (39'4") middle sections. The length of the main boom falls between, basic boom 16.5 m (54'2") and the maximum length 91.5 m (300'2").

H - Configuration

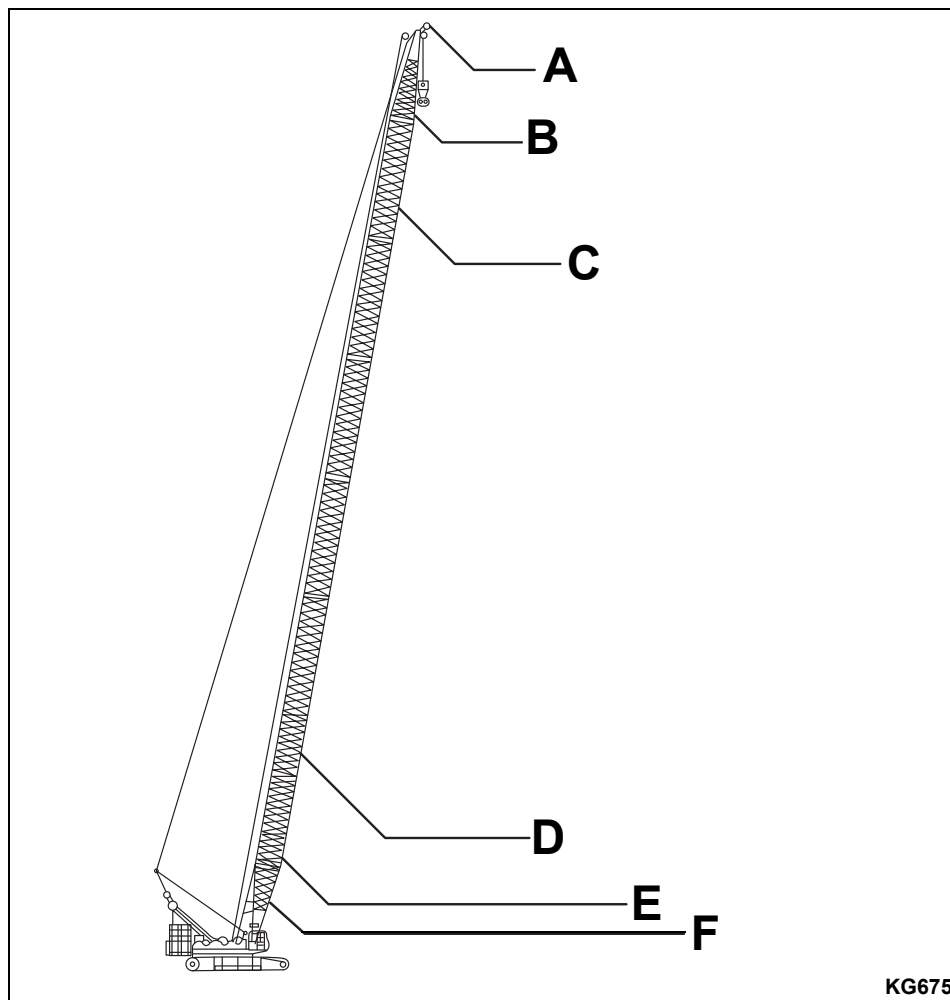


Fig. 9-4

Combination of Assembly		
A. Extension jib (one piece)	B. Upper section 8.5 m (27'11")	C. Five sections, each 12 m (39'4")
D. Two sections, each 6 m (19'8")	E. One section 3 m (9'10")	F. Boom section 8 m (26'3")

H - Configuration Chart

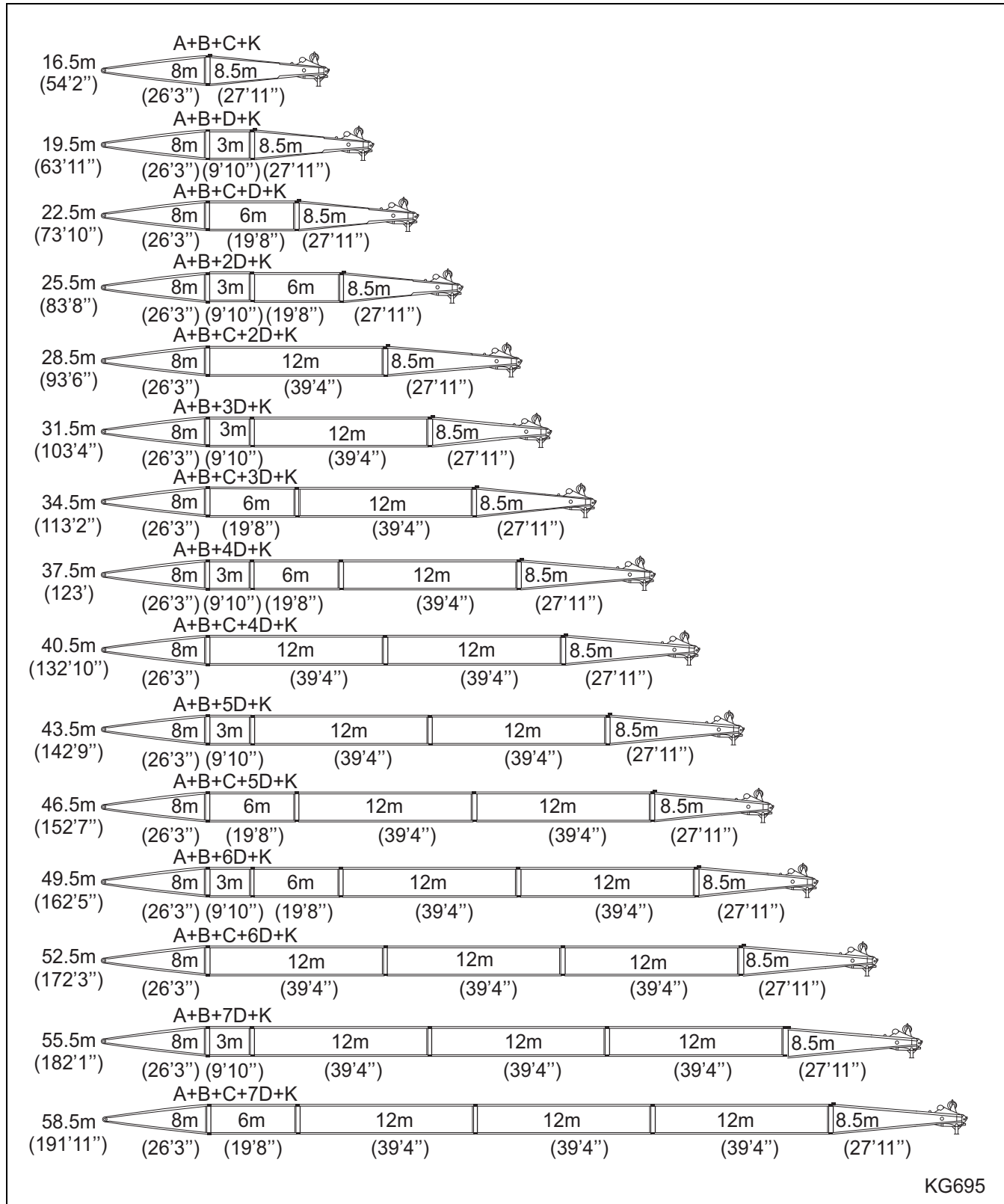
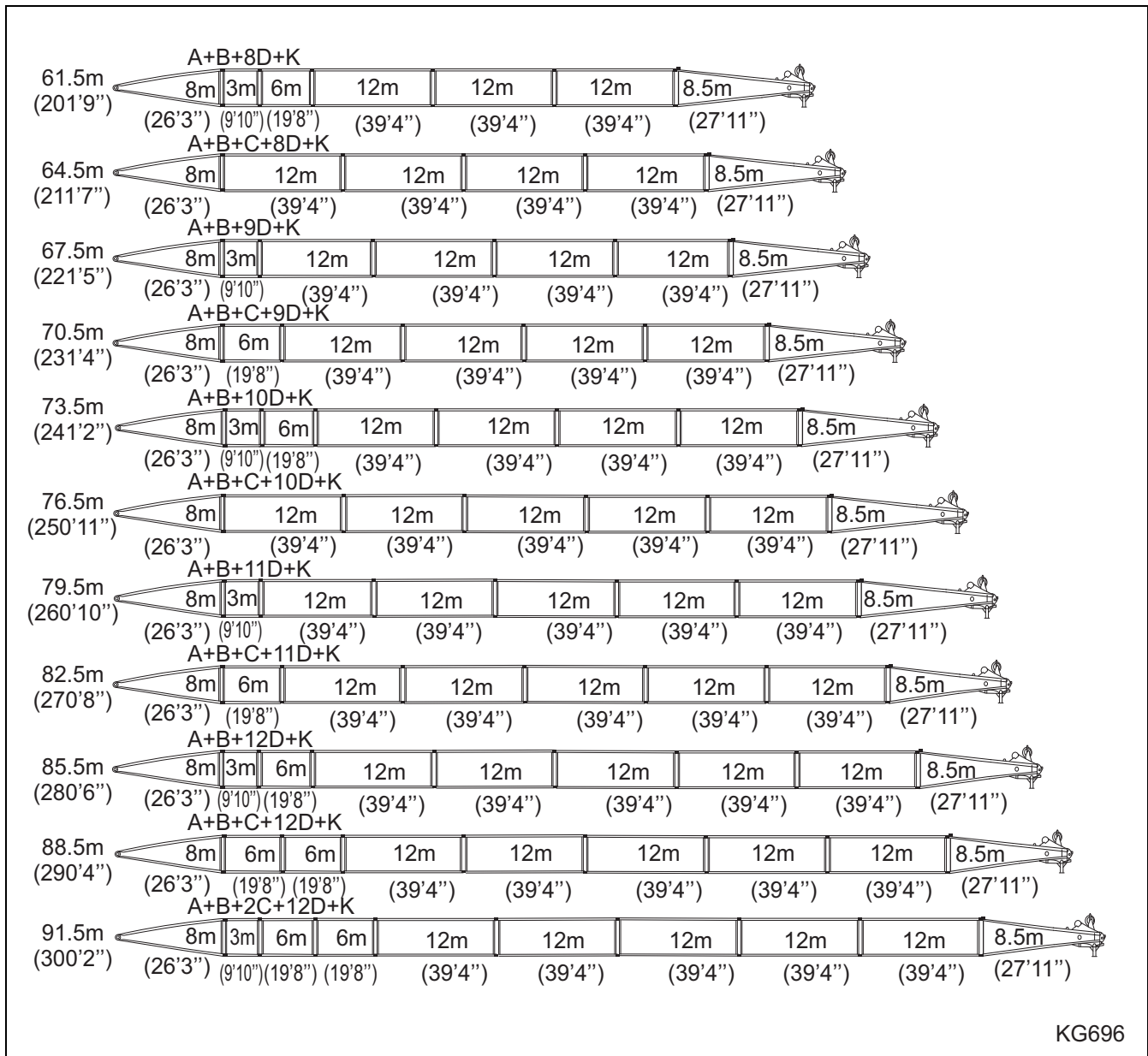


Fig. 9-5

Specifications
SCC3000US



KG696

Fig. 9-6

NOTICE

For information on pull plate, see "Pull Plate Table" on page 9-8 locations A, B, C, D and K.

Hook blocks can be selected as needed: 25 mt (275 USt), 150 mt (165 USt), 100 mt (110 USt), 80 mt (88 USt), 35 mt (38.5 USt) and 13.5 mt (14.8 USt) can be used.

FJ - Configuration

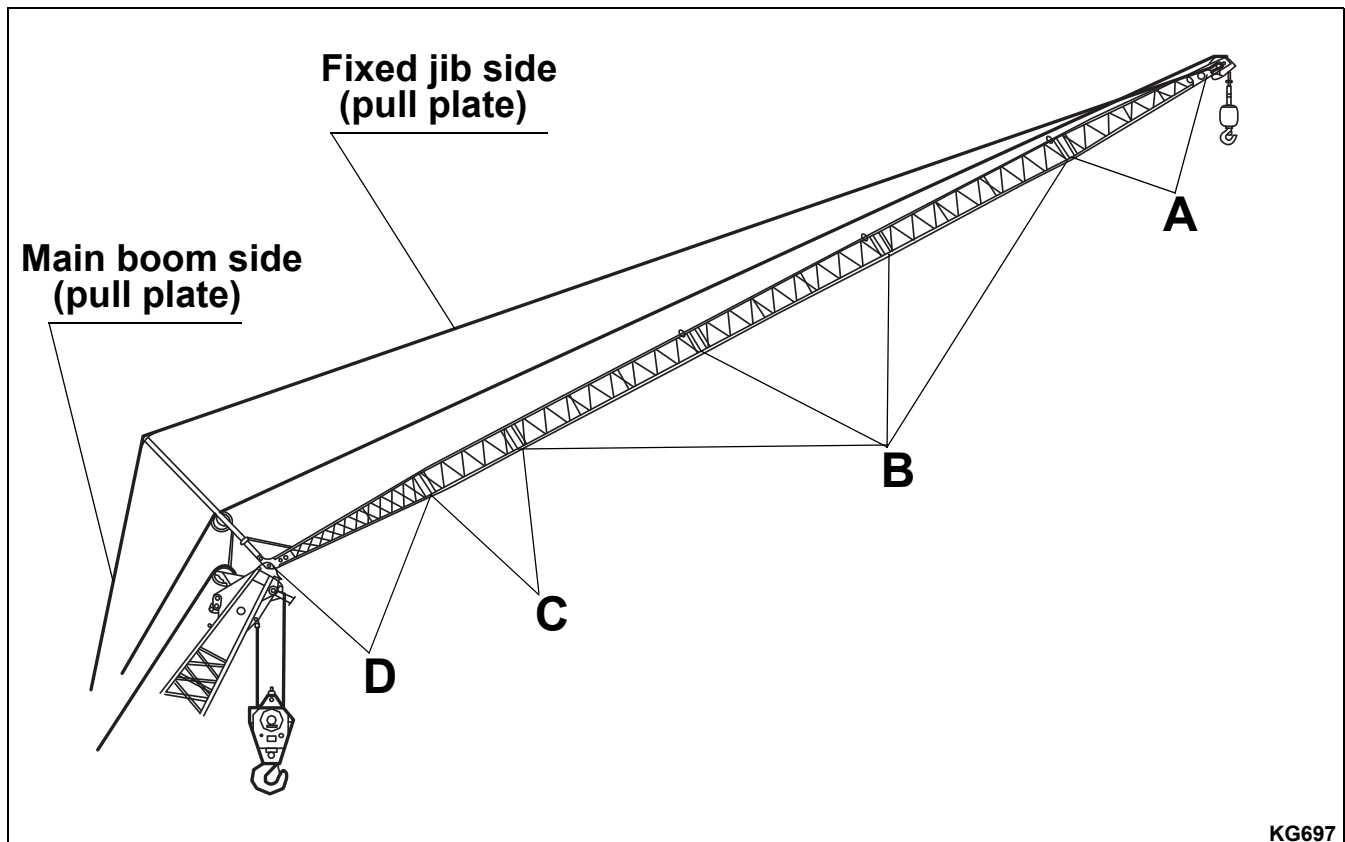


Fig. 9-7

Main boom: 28.5 m - 76.5 m (93'6" - 250'11") including middle sections to combine into 12 m - 60 m (39'4" - 196'10") then connect with top upper section and basic section.

NOTICE

With jib, shortest length of main boom is 28.5 m (93'6"). However, longest length is not more than 76.5 m (250'11").

Fixed jib combination: 13 m - 31 m - 31 m (42'8" - 101'8") including:

- D. Top section: 5.0 m x 1 (16'5" x 1)
- E. Upper section: 6 m x 3 (19'8" x 3)
- F. Middle section: 3 m x 1 (9'10" x 1)
- G. Lower section: 5.0 m x 1 (16'5" x 1)

Combination method:

- Use upper section, lower section and 3 m (9'10") section to combine into 13 m (42'8") shortest fixed jib.
- See (FJ Configuration Table) below for FJ operating condition combination for other lengths.

**Specifications
SCC3000US**

FJ - Configuration Table

Jib Length m (ft. and in.)	Middle Section		Main Boom Length m (ft. and in.)	Main Boom and Jib Angle
	3 m (9'10")	6 m (19'8")		
13 (42'8")	1	—	28.5 - 76.5 (93'6" - 250'11")	10° - 30°
19 (62'4")	1	1	28.5 - 76.5 (93'6" - 250'11")	10° - 30°
25 (82')	1	2	28.5 - 76.5 (93'6" - 250'11")	10° - 30°
31 (101'8")	1	3	28.5 - 76.5 (93'6" - 250'11")	10° - 30°

Main Boom Side (Pull Plate)

Off Set Angle	Main Boom Combination	Main boom head section + 12 m combination Main boom head section + (39'4") combination
10°		J + H + H + H2
30°		J + G + H + H + H

Fixed Jib Side (Pull Plate)

13 m (42'8")	19 m (62'4")	25 m (82')	31 m (101'8")
I + I + W	I + I + I + X	I + I + I + I + Y	I + I + I + I + I + Z

NOTICE

Locations J, G, H, H2, I, W, X, Y, Z in the table indicate main boom side pull plate and jib side pull plate that match the fixed jib, as included. See "Pull Plate Table" on page 9-8

LJ - Configuration

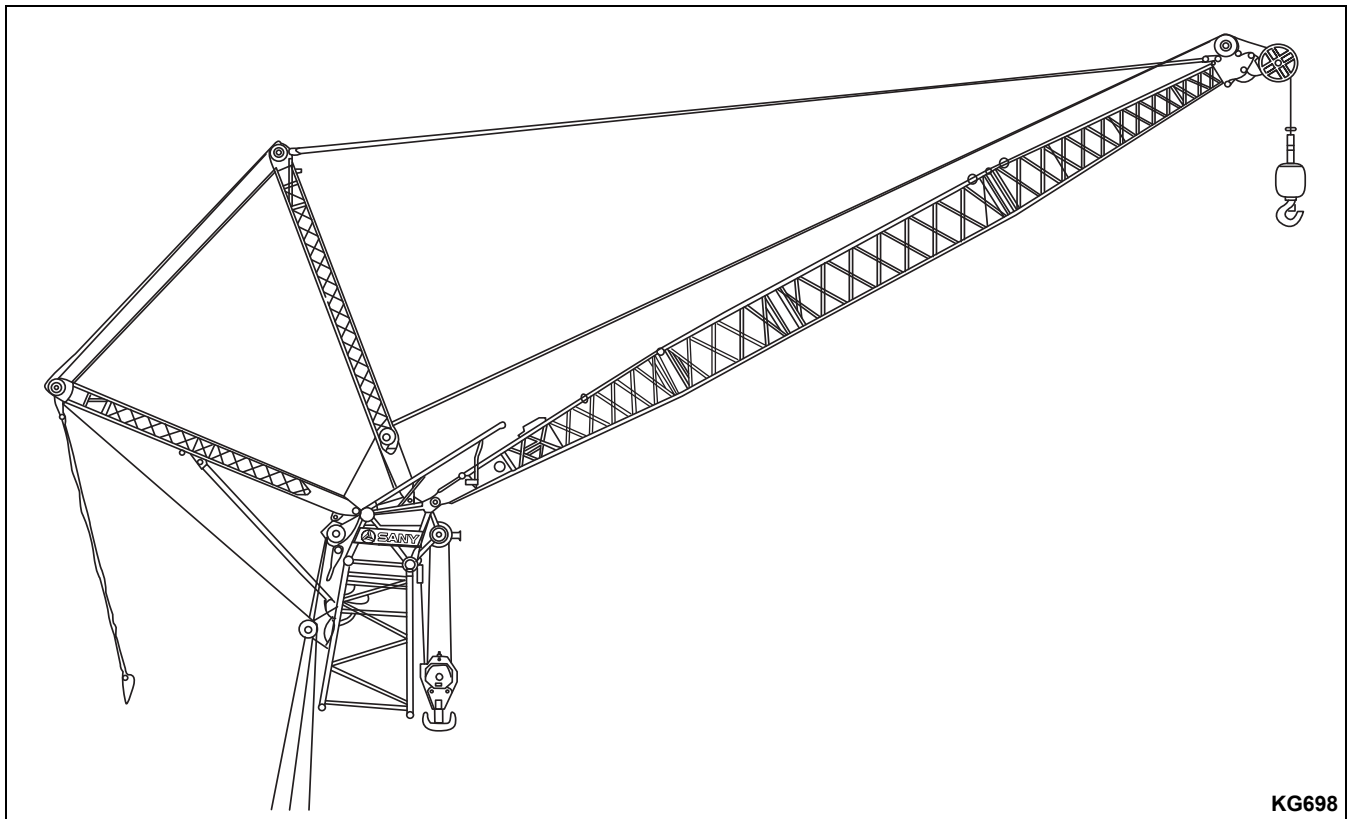


Fig. 9-8

Main boom: 22.5 m - 61.5 m (73'10" - 201'9") to include:

- Lower section: 8 m x 1 section (26'3") x 1 section
- Middle section: 3 m x 1 section (9'10") x 1 section
- Middle section: 6 m x 2 sections (19'8") x 2 sections
- Middle section: 12 m x 3 sections (39'4") x 3 sections
- Transitional section: 3.56 m x 1 section (11'8") x 1 section
- Tower point: 1.8 m x 1 section (5'11") x 1 section

Combination method:

- First select middle sections to combine together and then connect with lower section and upper section.

Luffing jib: 22 m - 61 m (72'2" - 200'2") to include:

- Lower section: 6.5 m x 1 section (21'4") x 1 section
- Middle section: 3 m x 2 sections (9'10") x 2 sections
- Middle section: 6 m x 1 section (19'8") x 1 section
- Middle section: 12 m x 3 sections (39'4") x 3 sections
- Upper section: 6.5m x 1 section (21'4") x 1 section

Specifications SCC3000US

Combination method:

- Use upper section, lower section and 3 m and 6 m x 1 (9'10" and 19'8" x 1) middle sections to combine into 22 m (72'2") luffing jib, as the shortest combination.
- See (LJ Configuration Table) below for LJ operating condition combination for other lengths.

NOTICE

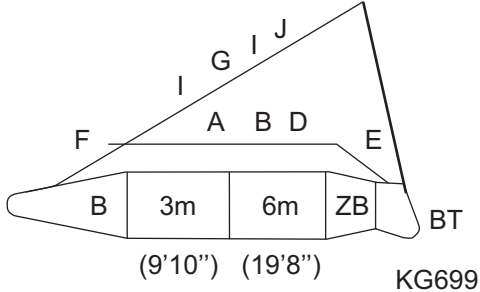
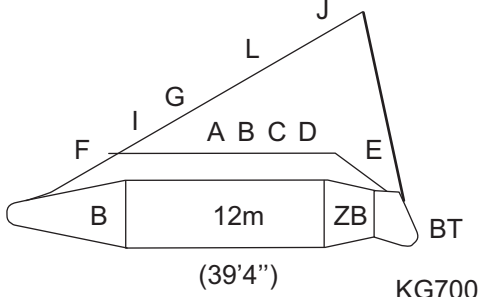
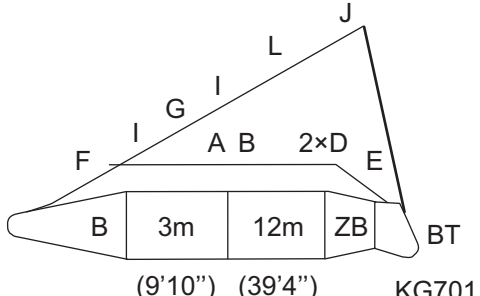
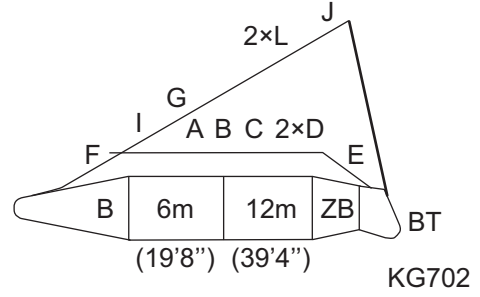
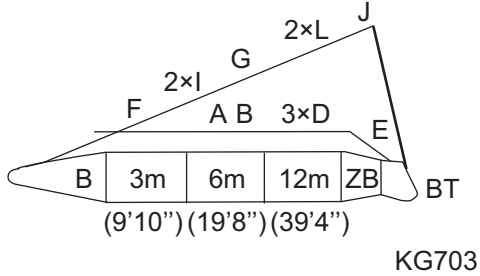
When the main boom is 61.5 m (201'9"), it is not permitted to be connected to 61 m (200'2") luffing jib. A 61 m (200'2") luffing jib can only be connected with main boom less than or equal to 52.5 m (173'2").

LJ - Configuration Table

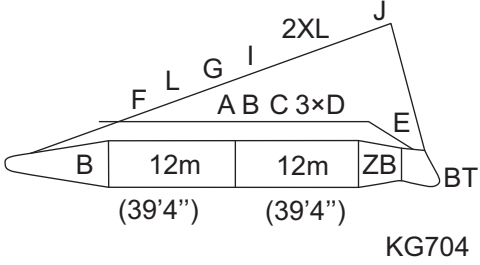
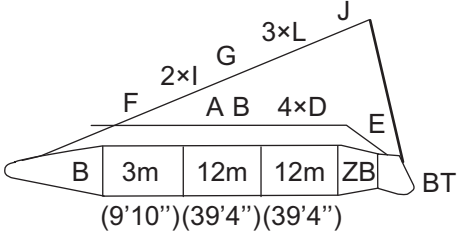
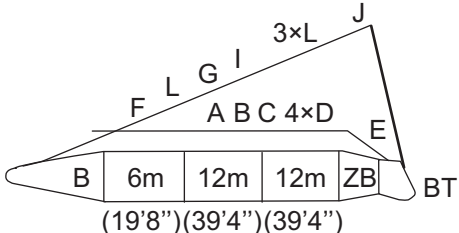
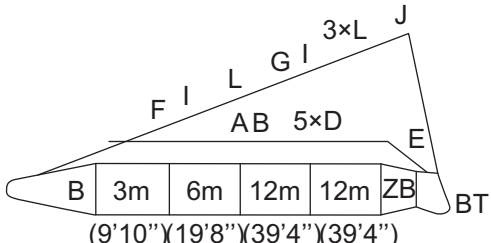
Jib Length m (ft. and in.)	Middle Section			Main Boom Length m (ft. and in.)	Main Boom Angle
	3 m (9'10")	6 m (19'8")	12 m (39'4")		
22 (72'2")	1	1	—	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
25 (82')	—	—	1	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
31 (101'8")	—	1	1	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
37 (121'5")	—	—	2	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
43 (141'1")	—	1	2	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
52 (170'7")	1	—	3	22.5 - 61.5 (73'10" - 201'9")	63° - 88°
61 (200'2")	2	1	3	22.5 - 52.5 (73'10" - 170'9")	63° - 88°

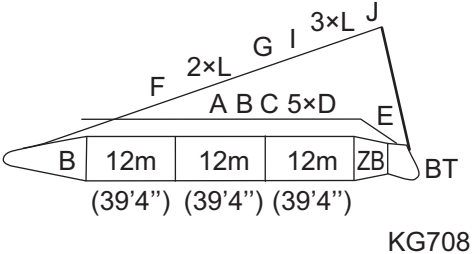
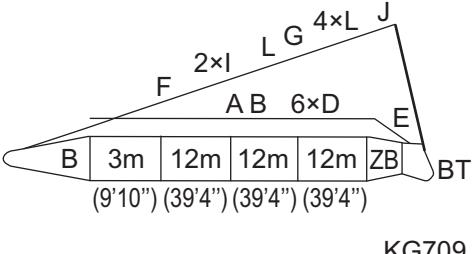
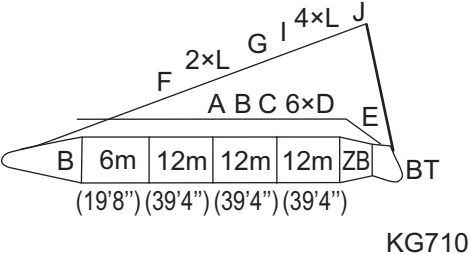
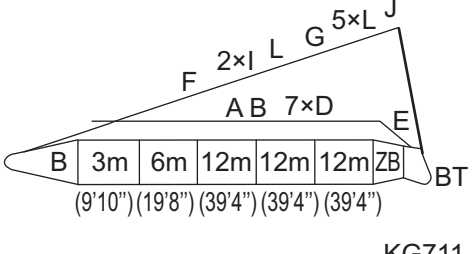
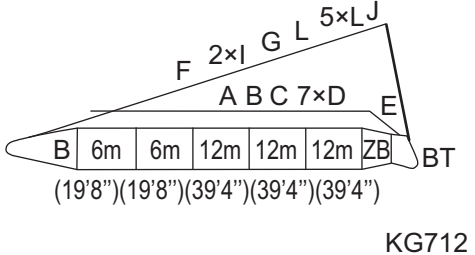
LJ - Operating Condition Table

Tower Type (Main Boom)			Luffing Jib Type		
Location	Length	Type	Code	Length	Type
B	8 m (26'3")	Boom base	JB	6.5 m (21'4")	Luffing jib base
ZB	3.56 m (11'8")	Transitional section	JT	6.5 m (21'4")	Luffing jib tip
BT	1.8 m (5'11")	Tower point	—	—	—

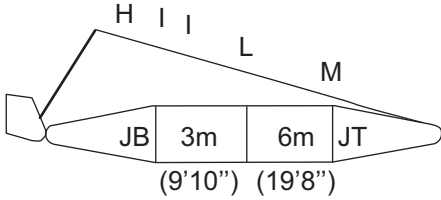
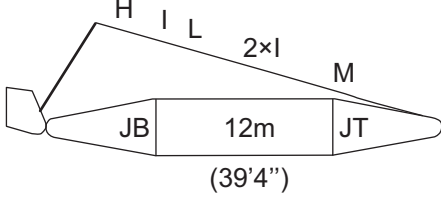
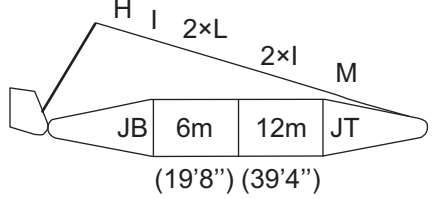
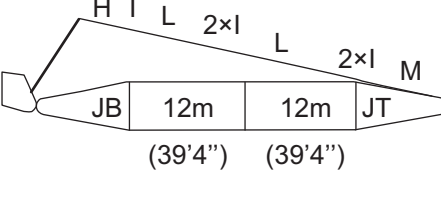
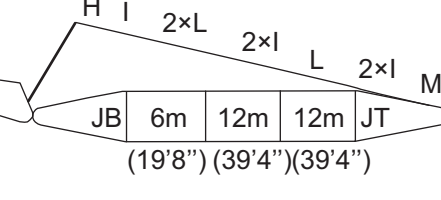
Main Boom Length m (ft. and in.)	Combination of Main Boom, Boom Pendant Bar and Luffing Jib Pendant Bar
22.5 (73'10")	 <p style="text-align: center;">(9'10") (19'8") KG699</p>
25.5 (83'8")	 <p style="text-align: center;">(39'4") KG700</p>
28.5 (93'6")	 <p style="text-align: center;">(9'10") (39'4") KG701</p>
31.5 (103'4")	 <p style="text-align: center;">(19'8") (39'4") KG702</p>
34.5 (113'2")	 <p style="text-align: center;">(9'10") (19'8") (39'4") KG703</p>

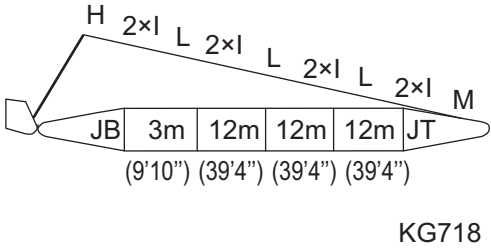
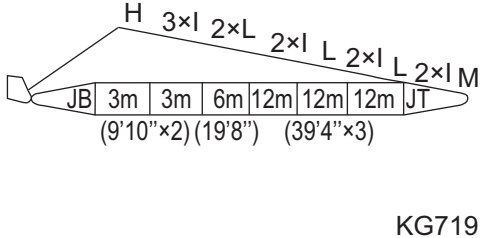
Specifications
SCC3000US

Main Boom Length m (ft. and in.)	Combination of Main Boom, Boom Pendant Bar and Luffing Jib Pendant Bar
37.5 (123')	 <p style="text-align: right;">KG704</p>
40.5 (132'10")	 <p style="text-align: right;">KG705</p>
Main Boom Length m (ft. and in.)	Combination of Main Boom, Boom Pendant Bar and Luffing Jib Pendant Bar
43.5 (142'9")	 <p style="text-align: right;">KG706</p>
46.5 (152'7")	 <p style="text-align: right;">KG707</p>

Main Boom Length m (ft. and in.)	Combination of Main Boom, Boom Pendant Bar and Luffing Jib Pendant Bar
49.5 (162'5")	 <p style="text-align: center;">KG708</p>
52.5 (172'3")	 <p style="text-align: center;">KG709</p>
55.5 (182'1")	 <p style="text-align: center;">KG710</p>
58.5 (191'11")	 <p style="text-align: center;">KG711</p>
61.5 (201'9")	 <p style="text-align: center;">KG712</p>

Specifications
SCC3000US

Main Boom Length m (ft. and in.)	Combination of Jib and Jib Pendant Bar
22 (72'2")	 <p style="text-align: right;">KG713</p>
25 (82')	 <p style="text-align: right;">KG714</p>
31 (101'8")	 <p style="text-align: right;">KG715</p>
37 (121'5")	 <p style="text-align: right;">KG716</p>
43 (141'1")	 <p style="text-align: right;">KG717</p>

Main Boom Length m (ft. and in.)	Combination of Jib and Jib Pendant Bar
52 (170'7")	 <p style="text-align: right;">KG718</p>
61 (201'2")	 <p style="text-align: right;">KG719</p>

NOTICE

H, I, L, M in the tables indicate pull plate. See "Pull Plate Table" on page 9-8

HC - Configuration

Length of extension jib operating condition 16.5 m - 91.5 m (54'2" - 300'2") as shown in "H - Configuration" on page 9-12

1. Upper section: 8.5 m x 1 section (27'11") x 1 section
2. Middle section: 3 m x 1 section (9'10") x 1 section
 - Middle section 6 m x 2 sections (9'10") x 2 sections
 - Middle section: 12 m x 5 sections (39'4") x 5 sections
3. Lower section: 8 m x 1 section (26'3") x 1 section
4. Extension jib: 1 section

Specifications

SCC3000US

Combination method:

- Upper section and lower section combine into 16.5 m (54'2") basic section plus extension jib to become shortest combination of main boom extension jib.
- See "H - Configuration Chart" on page 9-13 for other lengths.

NOTICE

- 250 t (276 USt), 150t (165 USt), 100 t (110 USt), 80t (88 USt), 35t (38.5 USt), 13.5t (14.8 USt) hook can be installed as needed.
 - All "H" configurations are permitted to carry extension jib.
 - Extension jib should be used together with 13.5 t (14. USt) hook.
-

Counterweight

Counterweight Size Parameters					
Item	Qty	Length m (ft.)	Width m (ft)	Height m (ft)	Weight kg (lb)
Tray Counterweight	1	44.44 (14'7")	1.96 (6'5")	0.67 (2'2")	13,200 (29,100)
Counterweight "T" Block	12	1.96 (6'5")	1.33 (4'4")	0.42 (1'5")	6,000 (13,200)
Chassis Counterweight Block	4	1.75 (5'9")	1.44 (4'9")	0.44 (1'5")	6,000 (13,200)
Additional Counterweight Conditions					
Configuration	Load Table	Boom Length Scope with Additional Counterweight		Remark	
H	Heavy main boom load table	49.5 m < main boom length < 91.5 m (162'5" < main boom length < 300'2")		—	
HC	Heavy main boom load table	49.5 m < main boom length < 91.5 m (162'5" < main boom length < 300'2")		—	
	Heavy main boom plus runner load table	49.5 m < main boom length < 91.5 m (162'5" < main boom length < 300'2")		—	
FJ	Main boom load table	28.5 m < main boom length < 76.5 m (93'6" < main boom length < 250'11")		—	
	Fixed jib load table	28.5 m < main boom length < 76.5 m (93'6" < main boom length < 250'11")		—	
LJ	Heavy main boom load table	22.5 m < main boom length < 61.5 m (73'10" < main boom length < 201'9")		—	
	Luffing jib load table	22.5 m < main boom length < 61.5 m (73'10" < main boom length < 201'9")		—	
	Luffing jib plus runner load table	22.5 m < main boom length < 61.5 m (73'10" < main boom length < 201'9")		—	