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SCC3000US Crawler Crane — Operation Manual



1 General

1.1 Calculation of Rated Loads

Rated loads in the load charts are determined either by strength or by stability.

Rated loads determined by stability are calculated according to ISO 4305:1991 Mobile Cranes—— Determination of Stability and these rated loads are always within the 75% of tipping load.

1.2 Use the Load Charts Properly

1)Ground conditions: rated loads in the load charts are calculated in the condition that the crane is on hard, horizontal and evenly-supported ground with gradient smaller than 1%. If these condition requirements are not fulfilled, the value of rated loads must be decreased for calculation.

2)Actual Lifting Capacity: the weight of hook blocks, lifting devices, and wire ropes reeving between the hooks and boom/jib heads must be deducted from the rate load to obtain a net lifting value, i.e. the actual lifting capacity.

Table 3-1 Hook Parameters

Model (t) (USt)	250 (275)	150 (165)	100 (110)	80 (88)	35 (39)	13.5 (15)
Deadweight (kg) (lb)	4300 (9,480)	3100 (6,830)	2000 (4,400)	1500 (3,300)	1200 (2,640)	450 (990)

Notes:Weight of wire ropes reeving between hooks (main hook, auxiliary hook) and boom/jib heads is calculated by 3.3kg/m(2.22lb/ft).

3)Wind Speed: Calculating rated loads also takes allowable wind speed of each operating condition into consideration. The SCC3000US crawler crane is allowed to operate when the speed of stable wind or gust is not exceeding 16m/s(35.8mph). Hence the maximum allowable wind speed for SCC3000US crawler crane is 9.8m/s(21.9mph)~16.0m/s (35.8mph) (equivalent to 60~160 N/m² (0.009~0.023psi) dynamic pressure); when the wind speed is higher than 16m/s and lower than 22m/s(49.2mph), the crane is not allowed to operate but allowed to have the boom system upstanding; when wind speed is higher than 22m/s(49.2mph), the boom system must be lowered down to the ground.

Section 4-Load Charts

Table 3-2 Allowable Wind Speed in H Operating Condition

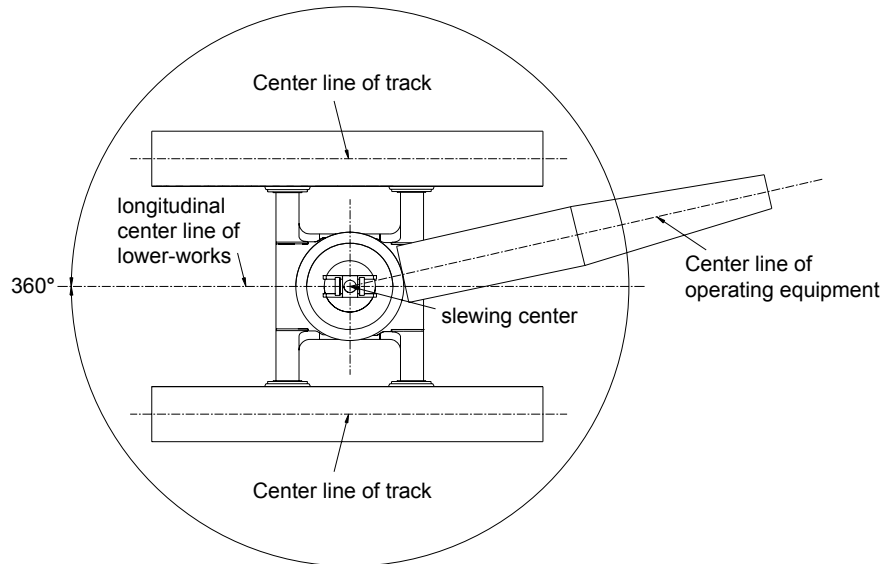
Boom length (m) (ft in)	Allowable wind speed (m/s) (mph)	Corresponding allowable dynamic pressure (N/m ²) (psi)
<28.5~31.5 (93'6" ~103'4")	16 (35.8)	160 (0.023)
31.5~34.5 (103'4"~113'2")	15 (33.6)	140 (0.02)
37.5~64.5 (123'0"~211'7")	13.8 (30.9)	120 (0.017)
67.5~82.5 (221'5"~ 270'8")	11.3 (26.40)	80 (0.012)
>85.5 (280'6")	9.8 (21.9)	60 (0.009)

Table 3-3 Allowable Wind Speed in FJ (LJ) Operating Condition

Length of boom + jib (m) (ft in)	Allowable wind speed (m/s)(mph)	Corresponding 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)

If the wind speed at operating site cannot fulfill the requirements listed above, the crane is not allowed to operate until the load is reduced accordingly based on the actual situation. For further information on influences of wind speed, please refer to "Influence of Wind Speed" in "Operation Manual-Section 4 Operating Instructions" .

4) Scope of Application: values or rated loads listed in the load charts are all applicable for the whole 360° slewing range.



5) Rated Load for Traveling Crane: values of rated loads listed in the load charts are calculated in condition that the crane is not traveling, and these values should be decreased accordingly when the crane is traveling. For traveling steadily at low speed, 90% of the rated load is allowed to attach in H operating condition for straight-line traveling, or 70% of the rated load is allowed to attach in H operating condition for turning, or 50% of the rated load is allowed to attach in FJ operating condition and LJ operating condition for straight-line traveling.

Notices requiring special care for traveling with load:

- a) It is suggested to move the load in an area as small as possible and make the load close to the ground enough (with maximum distance of 500mm (1'7.7") to the ground);
- b) Only the low gear can be used if possible, and take proper measures to prevent the load swinging. For specifications on traveling, please refer to the “Traveling Operation” in Chapter II of this manual.

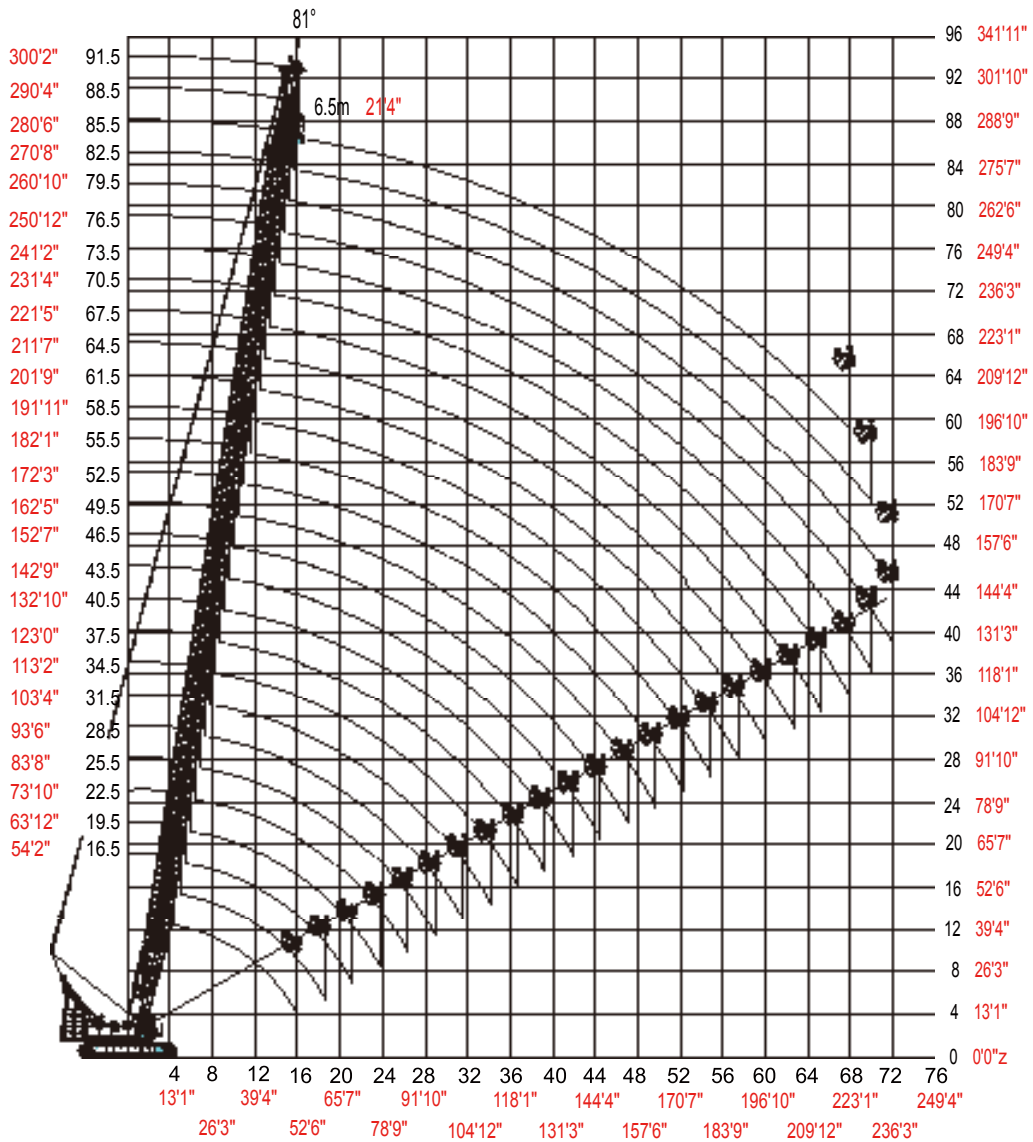
2 Operating Condition Codes

Operating Condition Codes

NO.	Operating Condition	Code
1	Main Boom	H
2	Main Boom + Fixed Jib	FJ
3	Main Boom + Luffing Jib	LJ
4	Main Boom + Extension Jib	HC

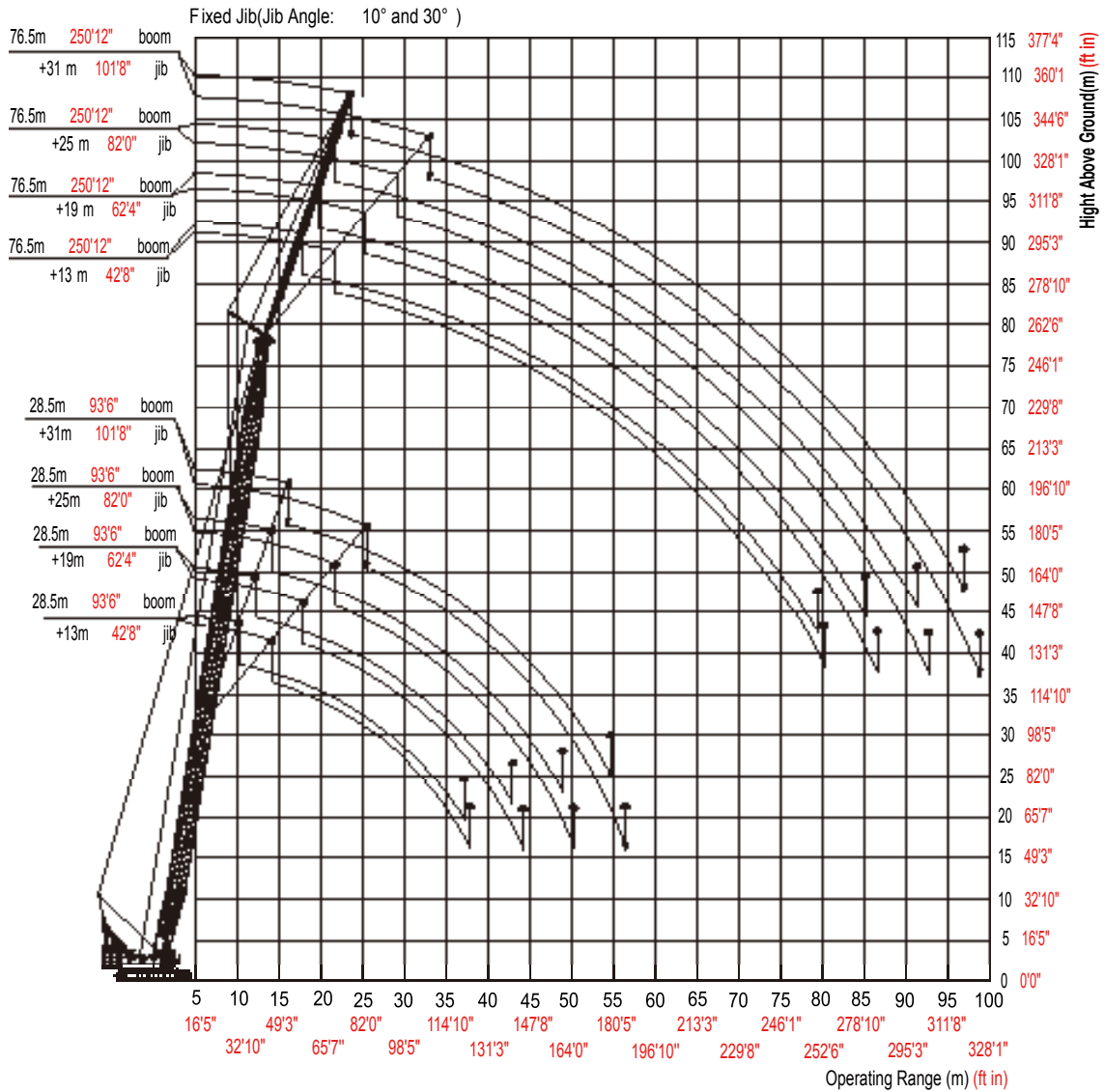
3 Operating Range Diagrams

3.1 Main Boom Operating Condition(H)

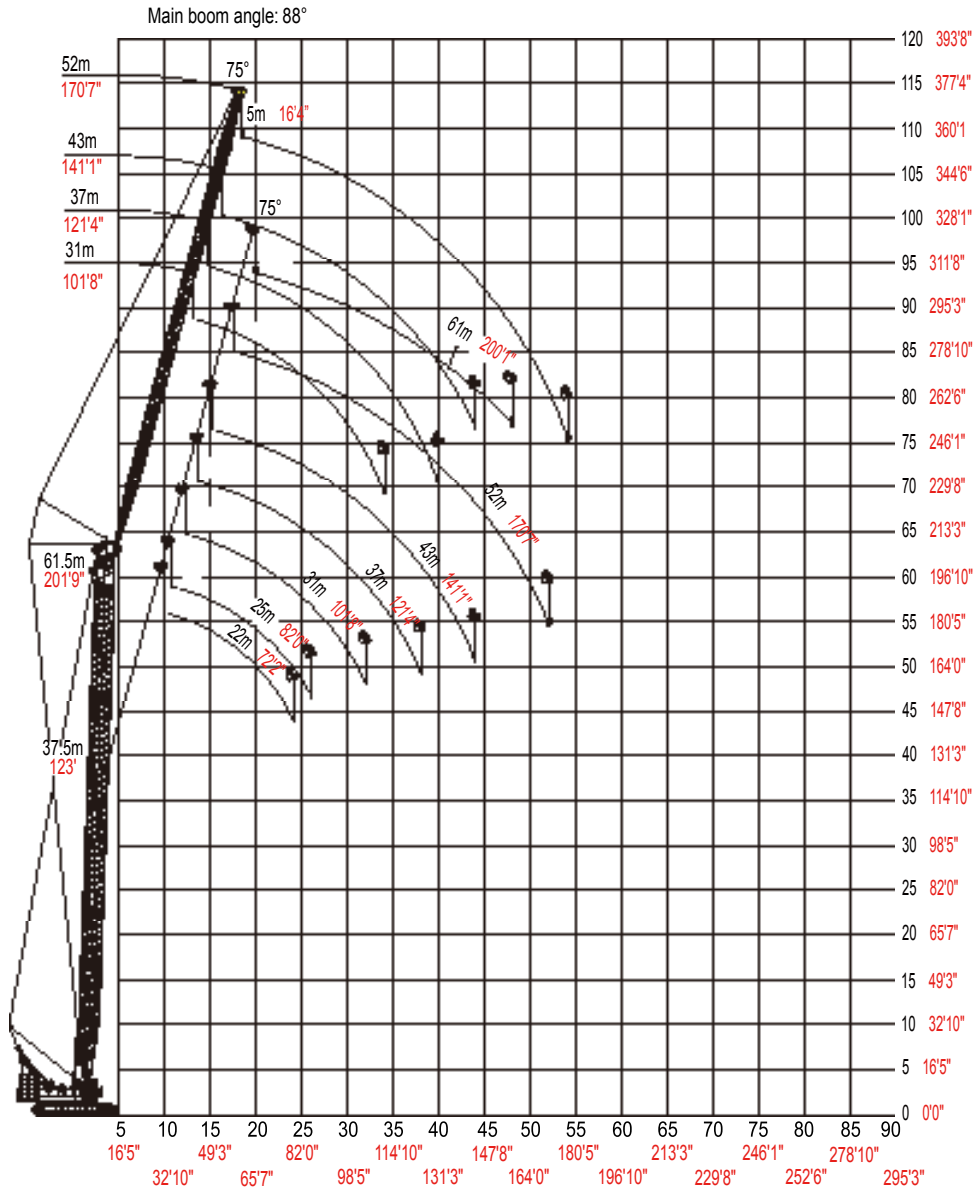


Section 4-Load Charts

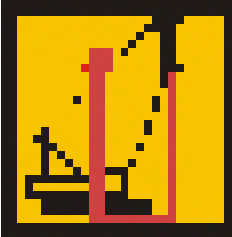
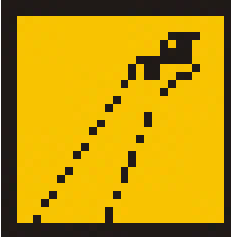


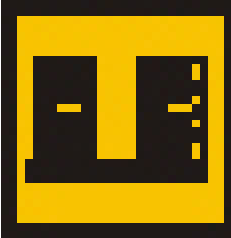
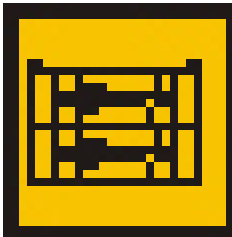
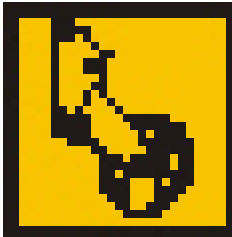
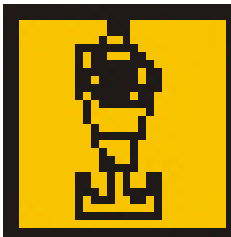
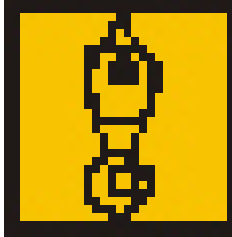
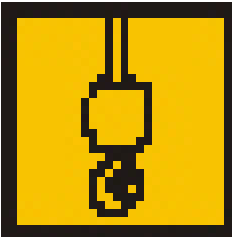
3.2 Fixed Jib Operating Condition(FJ)



3.3 Luffing Jib Operating Condition(LJ)



4 Load Charts

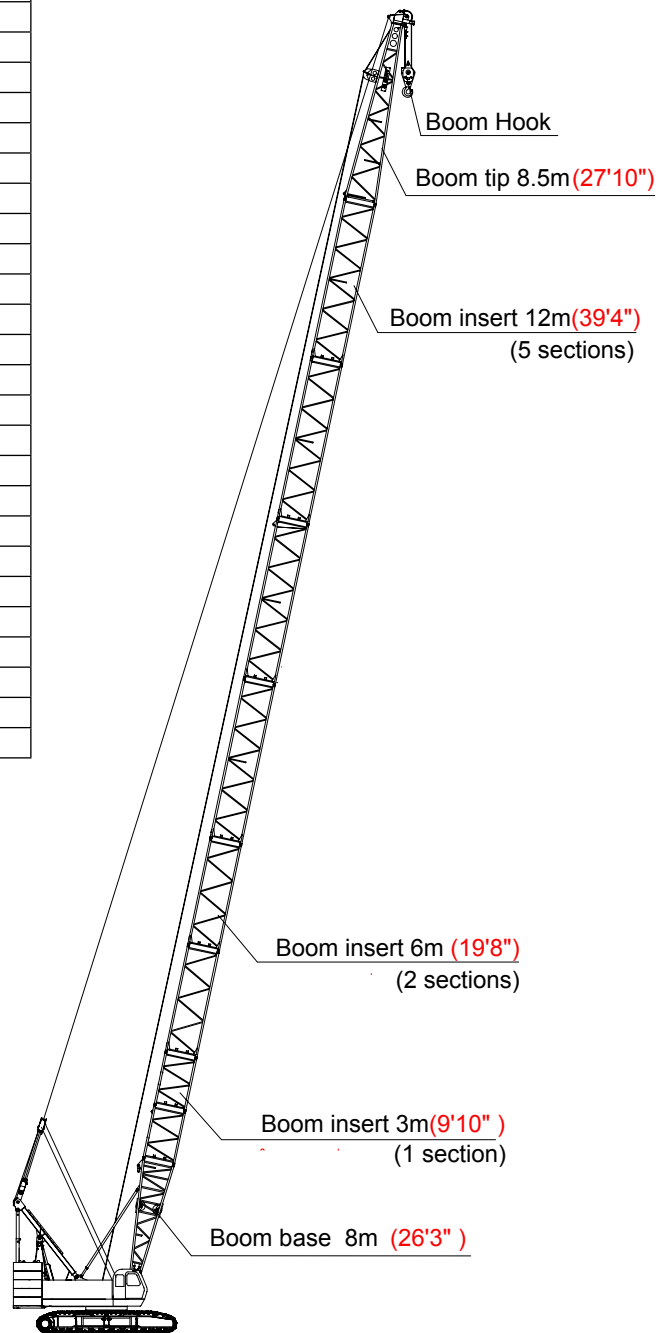
Meaning of Signs		
		
Operating Radius (R)	Main Boom (H)	Fixed Jib (FJ)
		
Luffing Jib (LJ)	Counterweight, additional counterweight, counterweight + additional counterweight	Central Ballast
		
Extension Jib	Boom Hook	Jib Hook
		
Extension Jib Hook		

Please refer to the annex to "Operation Manual-Section 4 Load Charts" for detailed load charts.

4.1 Load Charts of Boom Hook for H Operating Condition

Boom Combination of H Operating Condition

Boom Length (m)(ft)	Boom Insert(m)(ft)		
	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



H Operating Condition

Notes: 1. the rated hoisting capacity specified in the table means the operating condition under which standard counterweight and additional counterweight are included, while the vertical value specified in the black box means the operating condition under which only standard counterweight is included.

2. The grey filling part specified in the above table is determined by strength.

Notice: 1. the actual hoisting capacity shall be the value of rated hoisting capacity deducting the weight of hook blocks, wire ropes and all the spreaders.

2. The rated load shown in the table is the weight of cargo which is slowly and steadily lifted by crane on flat and hard ground under the non-travel load condition.

3. The load rating is calculated not exceed 75percent of the load depending on stability or structure.

Load Charts of Boom Hook For SCC3000US H Operating Condition								
								kg(lb)×1000
Radius (m) (ft)	Length of Main Boom (m) (ft)							
	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")	4.8/272.1 (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 (432.7)	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 (372.3)	168.2 (370.8)	167.2 (368.6)	166.6 (367.2)	165.7 (365.3)	7.1/155.5 (23'4"/342)	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)	145.5 (320.7)	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)	63.6 (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)	36.7 (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")								
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)

Load Charts of Boom Hook For SCC3000US H Operating Condition

kg(lb)×1000

Radius (m) (ft)	Length of Main Boom (m) (ft)						
	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")	36.2 (79.8)	36.0 (79.3)	35.7 (78.7)	35.6 (78.4)	36.3 (80)	35.3 (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 (36.5)	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 (145'12"/30)	44.5/14.6 (145'12"/32)	13.3 (29.3)	13.6 (29.9)
48 (157'6")						47.1/11.7 (154'6"/25)	47.1/12.5 (154'6"/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)

Load Charts of Boom Hook For SCC3000US H Operating Condition

kg(lb)×1000

Radius (m) (ft)	Length of Main Boom (m) (ft)							
	55.5 (182'1")		58.5 (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 (39'0"/169)	11.9/76.8 (39'0"/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")	51.1 (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 (104'12")	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 (164'0")	49.7/10.8 (163'1"/23)	49.7/11.2 (163'1"/24)	11.0 (24.2)	11.3 (24.9)	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)	52.3/9.6 (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	85.2 (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)

Load Charts of Boom Hook For SCC3000US H Operating Condition

kg(lb)×1000

Radius (m) (ft)	Length of Main Boom (m) (ft)							
	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 (127.4)	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 (95.9)	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 (58.8)
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 (104'12")	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 (164'0")	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"/13)	5.1 (11.2)	5.4 (11.9)	4.9 (10.8)	5.2 (11.4)
66 (216'6")					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"/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)

Load Charts of Boom Hook For SCC3000US H Operating Condition

kg(lb)×1000

Radius (m) (ft)	Length of Main Boom (m) (ft)							
	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"/75)	17.2/34.2 (56'5"/75)
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 (73.6)	33.4 (73.6)
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 (57.7)	25.2 (55.5)	25.8 (56.8)	24.8 (54.6)	25.4 (55.9)	24.4 (53.7)	24.0 (52.9)
30 (98'5")	23.2 (51.1)	23.7 (52.2)	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 (104'12")	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 (42.3)	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)	16.3 (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 (24.6)	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 (164'0")	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 (216'6")	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)		
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)

Load Charts of Boom Hook For SCC3000US H Operating Condition

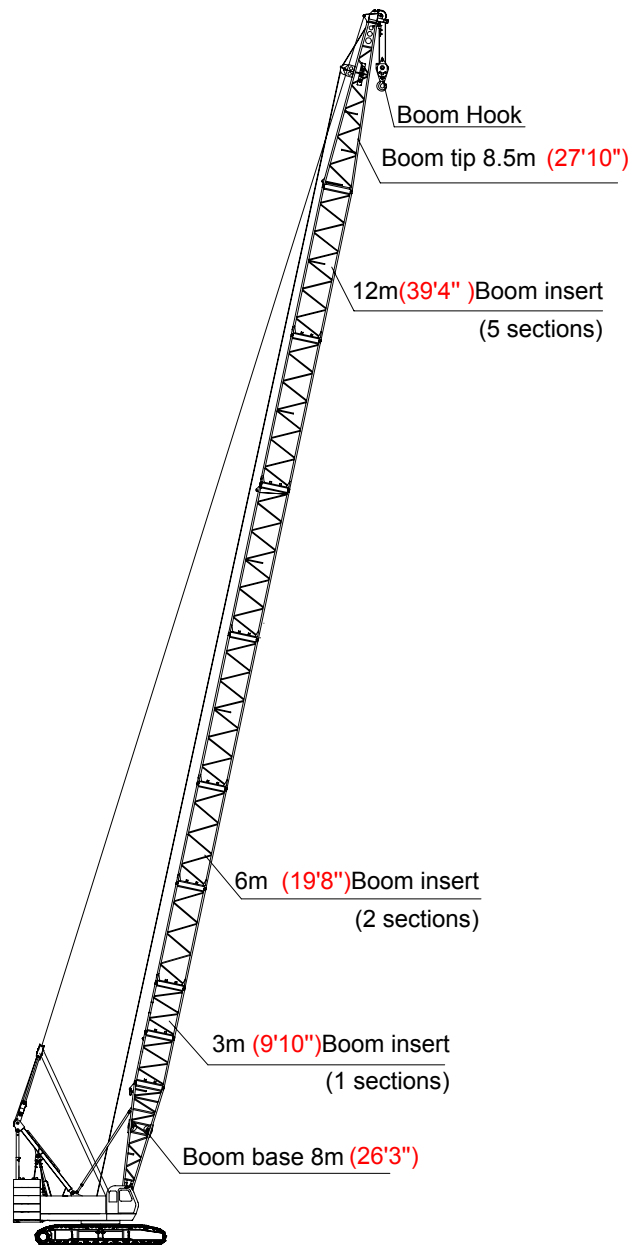
kg(lb)×1000						
Radius (m) (ft)	Length of Main Boom (m) (ft)					Radius (m) (ft)
	91.5 (300'2")					
16 (52'6")	17.7/33.1 (58'1"/72)	17.7/33.1 (58'1"/72)				16 (52'6")
18 (59'1")	30.8 (67.9)	30.8 (67.9)				18 (59'1")
20 (65'7")	29.9 (65.9)	29.9 (65.9)				20 (65'7")
22 (72'2")	28.3 (62.3)	28.3 (62.3)				22 (72'2")
24 (78'9")	27.1 (59.7)	27.1 (59.7)				24 (78'9")
26 (85'4")	25.1 (55.3)	25.1 (55.3)				26 (85'4")
28 (91'10")	23.0 (50.7)	23.0 (50.7)				28 (91'10")
30 (98'5")	21.1 (46.5)	21.1 (46.5)				30 (98'5")
32 (104'12")	19.5 (42.9)	20.0 (44)				32 (104'12")
34 (111'7")	17.6 (38.8)	18.1 (39.9)				34 (111'7")
36 (118'1")	15.9 (35)	16.4 (36.1)				36 (118'1")
38 (124'8")	14.5 (31.9)	14.9 (32.8)				38 (124'8")
40 (131'3")	13.1 (28.8)	13.5 (29.7)				40 (131'3")
42 (137'10")	11.9 (26.2)	12.3 (27.1)				42 (137'10")
44 (144'4")	10.8 (23.8)	11.2 (24.6)				44 (144'4")
46 (150'11")	9.8 (21.6)	10.1 (22.2)				46 (150'11")
48 (157'6")	8.8 (19.4)	9.2 (20.2)				48 (157'6")
50 (164'0")	7.9 (17.4)	8.3 (18.2)				50 (164'0")
52 (170'7")	7.1 (15.6)	7.5 (16.5)				52 (170'7")
54 (177'2")	6.4 (14.1)	6.7 (14.7)				54 (177'2")
56 (183'9")	5.7 (12.5)	6.0 (13.2)				56 (183'9")
58 (190'3")	5.1 (11.2)	5.4 (11.9)				58 (190'3")
60 (196'10")	4.5 (9.9)	4.7 (10.3)				60 (196'10")
62 (203'5")	3.9 (8.5)	4.2 (9.2)				62 (203'5")
64 (209'12")	3.4 (7.4)	3.7 (8.1)				64 (209'12")
66 (216'6")	2.9 (6.3)	3.1 (6.8)				66 (216'6")
68 (223'1")	2.4 (5.2)	2.7 (5.9)				68 (223'1")
70 (229'8")						70 (229'8")
Counter-weight	85.2 (187.8)	85.2+5.8 (187.8+12.7)				

Section 4-Load Charts

4.2 Load Charts of Boom Hook for HC Operating Condition

Boom Combination of HC Operating Condition

Boom Length (m)(ft)	Boom Insert(m)(ft)		
	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



HC Operating Condition

Notes: 1. the rated hoisting capacity specified in the table means the operating condition under which standard counterweight and additional counterweight are included, while the vertical value specified in the black box means the operating condition under which only standard counterweight is included.
 2. The grey filling part specified in the above table is determined by strength.

Notice: 1. the actual hoisting capacity shall be the value of rated hoisting capacity deducting the weight of hook blocks, wire ropes and all the spreaders.

2. The rated load shown in the table is the weight of cargo which is slowly and steadily lifted by crane on flat and hard ground under the non-travel load condition.

3. The load rating is calculated not exceed 75percent of the load depending on stability or structure.

Load Charts of Boom Hook For SCC3000US HC Operating Condition								
(including extension Jib and ball hook)								
Unit: Kg(lb)×1000								
Radius (m) (ft)	Length of Main Boom (m) (ft)							
	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")
4.0 (13'1")	4.8/271 (15'9"/597)							
5.0 (16'5")	235.0 (518)	228.0 (502.6)	5.4/206 (17'9"/454)					
6.0 (19'8")	195.8 (431.6)	193.0 (425.4)	190.7 (420.4)	5.9/183 (19'4"/403)	6.6/175 (21'8"/385)			
7.0 (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)	
8.0 (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)
9.0 (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)
10.0 (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)
12.0 (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)
14.0 (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)
16.0 (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)
18.0 (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)
20.0 (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)
22.0 (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)
24.0 (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)
26.0 (85'4")					33.1 (72.9)	32.5 (71.6)	32.3 (71.2)	32.2 (70.9)
28.0 (91'10")					26.3/31.3 (86'3"/69)	29.3 (64.5)	29.1 (64.1)	29.0 (63.9)
30.0 (98'5")						28.9/26.7 (94'10"/58)	26.4 (58.2)	26.4 (58.2)
32.0 (104'12")							31.5/23.3 (103'4"/51)	24.0 (52.9)
34.0 (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)

Load Charts of Boom Hook For SCC3000US HC Operating Condition

(including extension Jib and ball hook)

Unit: Kg(lb)×1000

Radius (m) (ft)	Length of Main Boom (m) (ft)						
	40.5 (132'10")	43.5 (142'9")	46.5 (152'7")	49.5 (162'5")		52.5 (172'3")	
8.0 (26'3")	8.7/120 (28'7"/264)						
9.0 (29'6")	118.0 (260.1)	9.2/108.3 (30'2"/238)	9.8/99 (32'2"/218)				
10.0 (32'10")	107.7 (237.4)	104.3 (229.9)	97.3 (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)
12.0 (39'4")	86.0 (189.5)	85.6 (188.7)	84.6 (186.5)	82.5 (181.8)	82.5 (181.8)	79.7 (175.7)	79.7 (175.7)
14.0 (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)
16.0 (52'6")	62.2 (137.1)	61.9 (136.4)	61.0 (134.4)	60.2 (132.7)	61.4 (135.3)	59.5 (131.1)	60.7 (133.8)
18.0 (59'1")	53.1 (117)	52.9 (116.6)	52.3 (115.3)	51.8 (114.1)	52.8 (116.4)	51.1 (112.6)	52.2 (115)
20.0 (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)
22.0 (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 (88.6)
24.0 (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)
26.0 (85'4")	31.9 (70.3)	31.7 (69.8)	31.5 (69.4)	31.3 (69)	32.0 (70.5)	31.0 (68.3)	31.7 (69.8)
28.0 (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)
30.0 (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)
32.0 (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)
34.0 (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)
36.0 (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)
38.0 (124'8")	36.7/18.9 (120'5"/41)	18.3 (40.3)	18.0 (39.6)	17.8 (39.2)	18.3 (40.3)	17.5 (38.5)	18.0 (39.6)
40.0 (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)
42.0 (137'10")			41.9/15 (137'6"/33)	15.2 (33.5)	15.6 (34.3)	14.9 (32.8)	15.3 (33.7)
44.0 (144'4")				14.1 (31)	14.5 (31.9)	13.8 (30.4)	14.1 (31)
46.0 (150'11")				44.5/13.2 (145'12"/29)	44.5/14.1 (145'12"/31)	12.8 (28.2)	13.1 (28.8)
48.0 (157'6")						47.1/11.2 (154'6"/24)	47.1/12 (154'6"/26)
50.0 (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)

Load Charts of Boom Hook For SCC3000US HC Operating Condition

(including extension Jib and ball hook)

Unit: Kg(lb)×1000

Radius (m) (ft)	Length of Main Boom (m) (ft)							
	55.5 (182'1")		58.5 (191'11")		61.5 (201'9")		64.5 (211'7")	
10.0 (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)				
12.0 (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)
14.0 (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)
16.0 (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)
18.0 (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)
20.0 (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)
22.0 (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)
24.0 (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)
26.0 (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)
28.0 (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)
30.0 (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)
32.0 (104'12")	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)
34.0 (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)
36.0 (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)
38.0 (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)
40.0 (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)
42.0 (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)
44.0 (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)
46.0 (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)
48.0 (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)
50.0 (164'0")	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)
52.0 (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)
54.0 (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)
56.0 (183'9")					54.9/7.6 (180'1"/16)	54.9/8 (180'1"/17)	7.8 (17.1)	8.1 (17.8)
58.0 (190'3")							57.5/6.7 (188'8"/14)	57.5/7.2 (188'8"/15)
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)

Load Charts of Boom Hook For SCC3000US HC Operating Condition

(including extension Jib and ball hook)

Unit: Kg(lb)×1000

Radius (m) (ft)	Length of Main Boom (m) (ft)							
	67.5 (221'5")		70.5 (231'4")		73.5 (241'2")		76.5 (250'12")	
12.0 (39'4")	13.5/63.4 (44'3"/139)	13.5/63.4 (44'3"/139)						
14.0 (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)
16.0 (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)
18.0 (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)
20.0 (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)
22.0 (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)
24.0 (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)
26.0 (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)
28.0 (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)
30.0 (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)
32.0 (104'12")	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)
34.0 (111'7")	19.6 (43.2)	20.1 (44.3)	19.4 (42.7)	19.9 (43.8)	19.2 (42.3)	19.7 (43.4)	19.0 (41.8)	19.5 (42.9)
36.0 (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)
38.0 (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)
40.0 (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)
42.0 (137'10")	13.7 (30.2)	14.1 (31)	13.4 (29.5)	13.8 (30.4)	13.2 (29.1)	13.6 (29.9)	13.0 (28.6)	13.4 (29.5)
44.0 (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)
46.0 (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)
48.0 (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)
50.0 (164'0")	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)
52.0 (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)
54.0 (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)
56.0 (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)
58.0 (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)
60.0 (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)
62.0 (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)
64.0 (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)
66.0 (216'6")					65.3/4 (214'3"/8)	65.3/4.4 (214'3"/9)	3.9 (8.5)	4.2 (9.2)
68.0 (223'1")							67.9/3.1 (222'9"/6)	67.9/3.6 (222'9"/7)
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)

Load Charts of Boom Hook For SCC3000US HC Operating Condition

(including extension Jib and ball hook)

Unit: Kg(lb)×1000

Radius (m) (ft)	Length of Main Boom (m) (ft)							
	79.5 (260'10")		82.5 (270'8")		85.5 (280'6")		88.5 (290'4")	
14.0 (45'11")	15.6/45.3 (51'2"/99)	15.6/45.3 (51'2"/99)						
16.0 (52'6")	45.0 (99.2)	45.0 (99.2)	16.1/42.3 (52'10"/93)	16.1/42.3 (52'10"/93)	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)
18.0 (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)
20.0 (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)
22.0 (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)
24.0 (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)
26.0 (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)
28.0 (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)
30.0 (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)
32.0 (104'12")	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)
34.0 (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)
36.0 (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)
38.0 (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)
40.0 (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)
42.0 (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)
44.0 (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)
46.0 (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)
48.0 (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)
50.0 (164'0")	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)
52.0 (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)
54.0 (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)
56.0 (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)
58.0 (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)
60.0 (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)
62.0 (203'5")	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)
64.0 (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)
66.0 (216'6")	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)
68.0 (223'1")	3.2 (7)	3.4 (7.4)	2.8 (6.1)	3.1 (6.8)	2.6 (5.7)	2.8 (6.1)	2.2 (4.8)	2.5 (5.5)
70.0 (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)
72.0 (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)

Load Charts of Boom Hook For SCC3000US HC Operating Condition

(including extension Jib and ball hook)

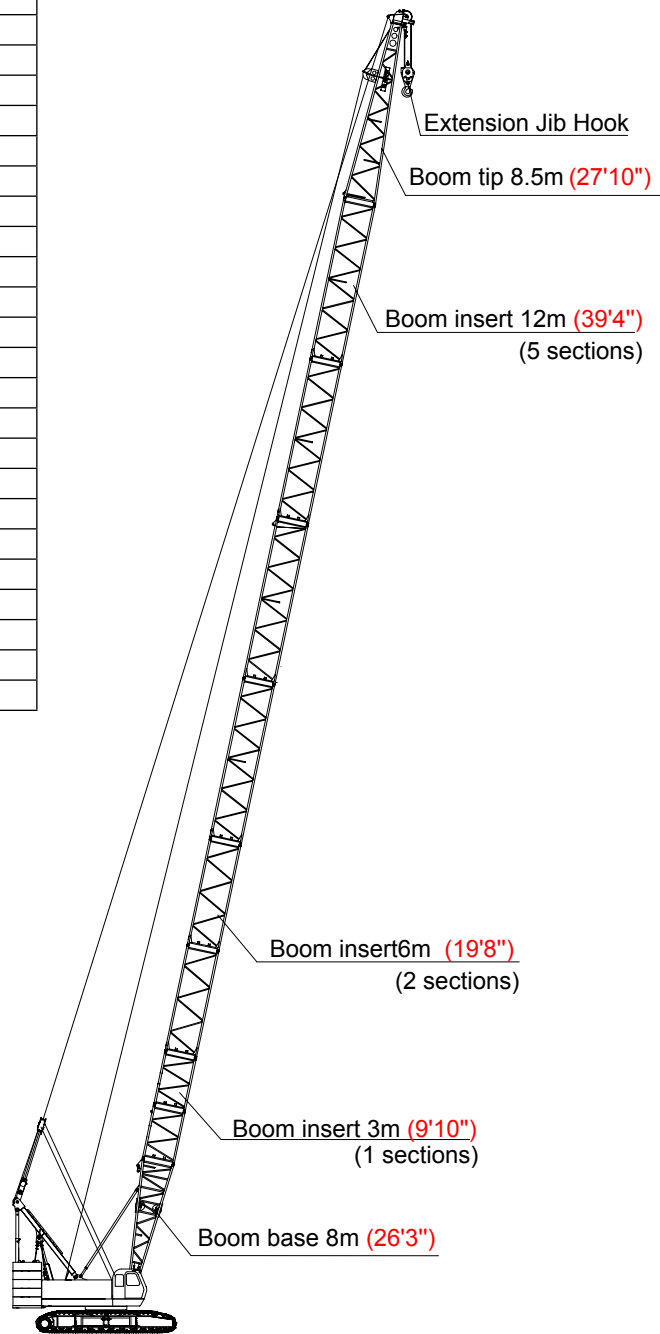
Unit: Kg(lb)×1000

Radius (m) (ft)	Length of Main Boom (m) (ft)				Radius (m) (ft)
	91.5 (300'2")				
16.0 (52'6")	17.7/32.6 (58'1"/71)	17.7/32.6 (58'1"/71)			16.0 (52'6")
18.0 (59'1")	30.3 (66.7)	30.3 (66.7)			18.0 (59'1")
20.0 (65'7")	29.4 (64.8)	29.4 (64.8)			20.0 (65'7")
22.0 (72'2")	27.8 (61.2)	27.8 (61.2)			22.0 (72'2")
24.0 (78'9")	26.6 (58.6)	26.6 (58.6)			24.0 (78'9")
26.0 (85'4")	24.6 (54.2)	24.6 (54.2)			26.0 (85'4")
28.0 (91'10")	22.5 (49.6)	22.5 (49.6)			28.0 (91'10")
30.0 (98'5")	20.6 (45.4)	20.6 (45.4)			30.0 (98'5")
32.0 (104'12")	19.0 (41.8)	19.5 (42.9)			32.0 (104'12")
34.0 (111'7")	17.1 (37.6)	17.6 (38.8)			34.0 (111'7")
36.0 (118'1")	15.4 (33.9)	15.9 (35)			36.0 (118'1")
38.0 (124'8")	14.0 (30.8)	14.4 (31.7)			38.0 (124'8")
40.0 (131'3")	12.6 (27.7)	13.0 (28.6)			40.0 (131'3")
42.0 (137'10")	11.4 (25.1)	11.8 (26)			42.0 (137'10")
44.0 (144'4")	10.3 (22.7)	10.7 (23.5)			44.0 (144'4")
46.0 (150'11")	9.3 (20.5)	9.6 (21.1)			46.0 (150'11")
48.0 (157'6")	8.3 (18.2)	8.7 (19.1)			48.0 (157'6")
50.0 (164'0")	7.4 (16.3)	7.8 (17.1)			50.0 (164'0")
52.0 (170'7")	6.6 (14.5)	7.0 (15.4)			52.0 (170'7")
54.0 (177'2")	5.9 (13)	6.2 (13.6)			54.0 (177'2")
56.0 (183'9")	5.2 (11.4)	5.5 (12.1)			56.0 (183'9")
58.0 (190'3")	4.6 (10.1)	4.9 (10.8)			58.0 (190'3")
60.0 (196'10")	4.0 (8.8)	4.2 (9.2)			60.0 (196'10")
62.0 (203'5")	3.4 (7.4)	3.7 (8.1)			62.0 (203'5")
64.0 (209'12")	2.9 (6.3)	3.2 (7)			64.0 (209'12")
66.0 (216'6")	2.4 (5.2)	2.6 (5.7)			66.0 (216'6")
68.0 (223'1")	1.9 (4.1)	2.2 (4.8)			68.0 (223'1")
Counter-weight	85.2 (187.8)	85.2+5.8 (187.8+12.7)			

4.3 Load Charts of Extension jib Hook for HC Operating Condition

Boom Combination of HC Operating Condition

Boom Length (m)(ft)	Boom Insert(m)(ft)		
	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



HC Operating Condition

Notes: 1. the rated hoisting capacity specified in the table means the operating condition under which standard counterweight and additional counterweight are included, while the vertical value specified in the black box means the operating condition under which only standard counterweight is included.

2. The grey filling part specified in the above table is determined by strength.

Notice: 1. the actual hoisting capacity shall be the value of rated hoisting capacity deducting the weight of hook blocks, wire ropes and all the spreaders.

2. The rated load shown in the table is the weight of cargo which is slowly and steadily lifted by crane on flat and hard ground under the non-travel load condition.

3. The load rating is calculated not exceed 75percent of the load depending on stability or structure.

Load Charts of Extension Jib for HC Operating condition										
(not including Book hook)										Unit:kg(lb)×1000
Radius(m) (ft)	Length of Main Boom (m)					(ft)				
	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)	6.6/13.5 (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")			21.1/13.5 (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")						28.9/13.5 (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)

Load Charts of Extension Jib for HC Operating condition

(not including Book hook)

Unit:kg(lb)×1000

Radius(m) (ft)	Length of Main Boom (m) (ft)								
	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)	11.4/13.5 (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 (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)
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 (164'0")						49.7/10.8 (163'1"/23)	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+5.8 (187.8+12.7)	85.2 (187.8)	85.2+5.8 (187.8+12.7)

Load Charts of Extension Jib for HC Operating condition

(not including Book hook)

Unit:kg(lb)×1000

Radius(m) (ft)	Length of Main Boom (m) (ft)									
	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)	12.9/13.5 (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 (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)	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 (164'0")	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 (20.9)
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 (196'6"/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 (216'6")									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)

Load Charts of Extension Jib for HC Operating condition

(not including Book hook)

Unit:kg(lb)×1000

Radius(m) (ft)	Length of Main Boom (m) (ft)									
	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 (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)	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 (23.8)	11.2 (24.6)	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")	9.8 (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 (164'0")	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)	6.9 (15.2)	7.3 (16)
54 (177'2")	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)	6.9 (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 (216'6")	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)	2.8 (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)

Load Charts of Extension Jib for HC Operating condition

(not including Book hook)

Unit:kg(lb)×1000

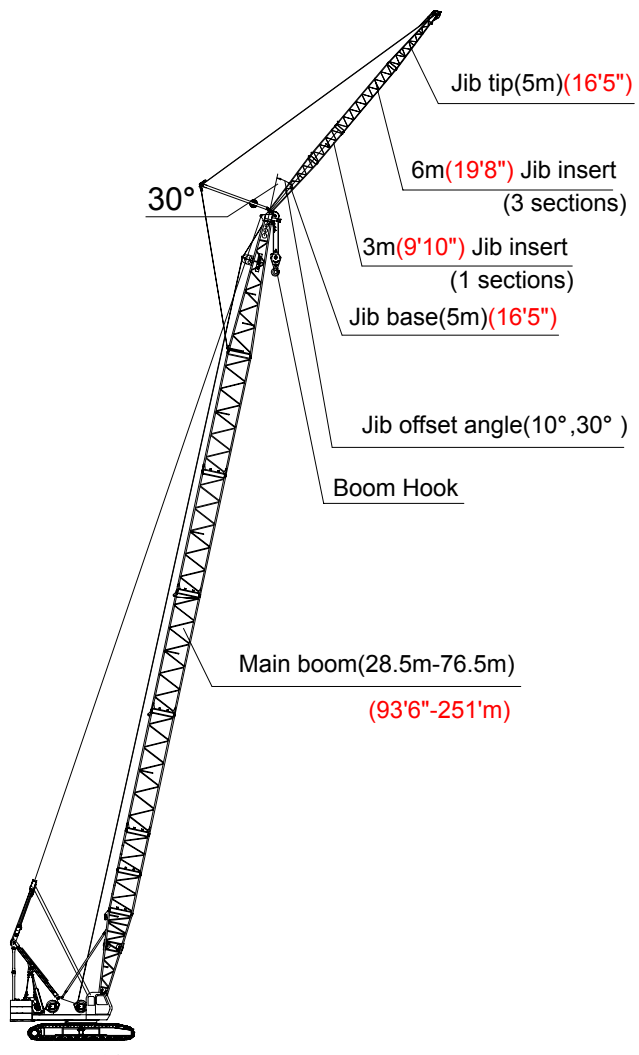
Radius(m) (ft)	Length of Main Boom (m) (ft)						Radius(m) (ft)
	91.5 (300'2")						
14 (45'11")							14 (45'11")
16 (52'6")	17.7/13.5 (58'1"/29)	17.7/13.5 (58'1"/29)					16 (52'6")
18 (59'1")	13.5 (29.7)	13.5 (29.7)					18 (59'1")
20 (65'7")	13.5 (29.7)	13.5 (29.7)					20 (65'7")
22 (72'2")	13.5 (29.7)	13.5 (29.7)					22 (72'2")
24 (78'9")	13.5 (29.7)	13.5 (29.7)					24 (78'9")
26 (85'4")	13.5 (29.7)	13.5 (29.7)					26 (85'4")
28 (91'10")	13.5 (29.7)	13.5 (29.7)					28 (91'10")
30 (98'5")	13.5 (29.7)	13.5 (29.7)					30 (98'5")
32 (104'12")	13.5 (29.7)	13.5 (29.7)					32 (104'12")
34 (111'7")	13.5 (29.7)	13.5 (29.7)					34 (111'7")
36 (118'1")	13.5 (29.7)	13.5 (29.7)					36 (118'1")
38 (124'8")	13.5 (29.7)	13.5 (29.7)					38 (124'8")
40 (131'3")	12.6 (27.7)	13.0 (28.6)					40 (131'3")
42 (137'10")	11.4 (25.1)	11.8 (26)					42 (137'10")
44 (144'4")	10.3 (22.7)	10.7 (23.5)					44 (144'4")
46 (150'11")	9.3 (20.5)	9.6 (21.1)					46 (150'11")
48 (157'6")	8.3 (18.2)	8.7 (19.1)					48 (157'6")
50 (164'0")	7.4 (16.3)	7.8 (17.1)					50 (164'0")
52 (170'7")	6.6 (14.5)	7.0 (15.4)					52 (170'7")
54 (177'2")	5.9 (13)	6.2 (13.6)					54 (177'2")
56 (183'9")	5.2 (11.4)	5.5 (12.1)					56 (183'9")
58 (190'3")	4.6 (10.1)	4.9 (10.8)					58 (190'3")
60 (196'10")	4.0 (8.8)	4.2 (9.2)					60 (196'10")
62 (203'5")	3.4 (7.4)	3.7 (8.1)					62 (203'5")
64 (209'12")	2.9 (6.3)	3.2 (7)					64 (209'12")
66 (216'6")	2.4 (5.2)	2.6 (5.7)					66 (216'6")
68 (223'1")	1.9 (4.1)	2.2 (4.8)					68 (223'1")
70 (229'8")							70 (229'8")
72 (236'3")							72 (236'3")
Counter-weight	85.2 (187.8)	85.2+5.7 187.8+12.5					

Section 4-Load Charts

4.4 Load Charts of Boom Hook for FJ Operating Condition

Combination of Fixed Jib

Jib Length(m)(ft)	Jib Insert(m)(ft)		Boom Length(m)(ft)	Jib Offset Angle
	3 m(9'10")	6 m(19'8")		
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°



FJ Operating Condition

Notes: 1. the rated hoisting capacity specified in the table means the operating condition under which standard counterweight and additional counterweight are included, while the vertical value specified in the black box means the operating condition under which only standard counterweight is included.

2. The grey filling part specified in the above table is determined by strength.

Notice: 1. the actual hoisting capacity shall be the value of rated hoisting capacity deducting the weight of hook blocks, wire ropes and all the spreaders.

2. The rated load shown in the table is the weight of cargo which is slowly and steadily lifted by crane on flat and hard ground under the non-travel load condition.

3. The load rating is calculated not exceed 75percent of the load depending on stability or structure.

Load Charts of Boom Hook for FJ Operating condition											
(not including jib hook, counterweight (85.2+5.8)×2000lb)										Unit:kg(lb)×1000	
Length of main boom	(m) (ft)	28.5 (93'6")				31.5 (103'4")				34.5 (113'2")	
		13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")
Length of jib(m)	Working radius(m) (ft)										
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)	112.6 (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 (45'11")		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)	48.4 (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)	28.9/17.6 (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")											
Number of rope		12	12	12	12	12	12	12	12	12	12

Load Charts of Boom Hook for FJ Operating condition

(not including jib hook, counterweight (85.2+5.8)×2000lb)

Unit:kg(lb)×1000

Length of main boom	(m) (ft)	34.5 (113'2")		37.5 (123'0")				40.5 (132'10")			
		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")
Length of jib(m)	Working radius(m) (ft)										
6 (19'8")											
7 (22'12")		7.3/139.3 (23'11"/307)	7.3/148.9 (23'11"/328)	7.7/130.0 (25'3"/286)	7.7/129.6 (25'3"/285)	7.7/129.1 (25'3"/284)	7.7/128.7 (25'3"/283)				
8 (26'3")		125.1 (275.7)	124.7 (274.9)	125.9 (277.5)	125.5 (276.6)	125.0 (275.5)	124.6 (274.6)	8.2/122.7 (26'11"/270)	8.2/122.3 (26'11"/269)	8.2/121.8 (26'11"/268)	8.2/121.4 (26'11"/267)
9 (29'6")		110.9 (244.4)	110.5 (243.6)	111.5 (245.8)	111.1 (244.9)	110.6 (243.8)	110.2 (242.9)	109.7 (241.8)	109.3 (240.9)	108.8 (239.8)	108.4 (238.9)
10 (32'10")		99.3 (218.9)	98.9 (218)	99.9 (220.2)	99.5 (219.3)	99.0 (218.2)	98.6 (217.3)	97.4 (214.7)	97.0 (213.8)	96.5 (212.7)	96.1 (211.8)
12 (39'4")		81.9 (180.5)	81.5 (179.6)	81.0 (178.5)	80.6 (177.6)	80.1 (176.5)	79.7 (175.7)	79.0 (174.1)	78.6 (173.2)	78.1 (172.1)	77.7 (171.2)
14 (45'11")		67.6 (149)	67.2 (148.1)	67.6 (149)	67.2 (148.1)	66.7 (147)	66.3 (146.1)	66.1 (145.7)	65.7 (144.8)	65.2 (143.7)	64.8 (142.8)
16 (52'6")		56.5 (124.5)	56.1 (123.6)	57.4 (126.5)	57.0 (125.6)	56.5 (124.5)	56.1 (123.6)	56.4 (124.3)	56.0 (123.4)	55.5 (122.3)	55.1 (121.4)
18 (59'1")		47.6 (104.9)	47.2 (104)	48.4 (106.7)	48.0 (105.8)	47.5 (104.7)	47.1 (103.8)	48.2 (106.2)	47.8 (105.3)	47.3 (104.2)	46.9 (103.3)
20 (65'7")		40.6 (89.5)	40.2 (88.6)	41.5 (91.4)	41.1 (90.6)	40.6 (89.5)	40.2 (88.6)	41.2 (90.8)	40.8 (89.9)	40.3 (88.8)	39.9 (87.9)
22 (72'2")		35.3 (77.8)	34.9 (76.9)	36.1 (79.5)	35.7 (78.7)	35.2 (77.6)	34.8 (76.7)	35.9 (79.1)	35.5 (78.2)	35.0 (77.1)	34.6 (76.2)
24 (78'9")		30.8 (67.9)	30.4 (67)	31.7 (69.8)	31.3 (69)	30.8 (67.9)	30.4 (67)	31.4 (69.2)	31.0 (68.3)	30.5 (67.2)	30.1 (66.3)
26 (85'4")		27.3 (60.1)	26.9 (59.3)	28.2 (62.1)	27.8 (61.2)	27.3 (60.1)	26.9 (59.3)	27.8 (61.2)	27.4 (60.4)	26.9 (59.3)	26.5 (58.4)
28 (91'10")		24.3 (53.5)	23.9 (52.6)	25.1 (55.3)	24.7 (54.4)	24.2 (53.3)	23.8 (52.4)	24.8 (54.6)	24.4 (53.7)	23.9 (52.6)	23.5 (51.8)
30 (98'5")		21.8 (48)	21.4 (47.1)	22.7 (50)	22.3 (49.1)	21.8 (48)	21.4 (47.1)	22.3 (49.1)	21.9 (48.2)	21.4 (47.1)	21.0 (46.2)
32 (104'12")		31.5/20.8 (103'4"/45)	31.5/20.4 (103'4"/44)	20.4 (44.9)	20.0 (44)	19.5 (42.9)	19.1 (42.1)	20.1 (44.3)	19.7 (43.4)	19.2 (42.3)	18.8 (41.4)
34 (111'7")				34.1/19.0 (111'11"/41)	34.1/18.6 (111'11"/41)	34.1/18.1 (111'11"/39)	34.1/17.7 (111'11"/39)	18.2 (40.1)	17.8 (39.2)	17.3 (38.1)	16.9 (37.2)
36 (118'1")								16.6 (36.5)	16.2 (35.7)	15.7 (34.6)	15.3 (33.7)
38 (124'8")								36.7/11.9 (120'5"/26)	36.7/11.5 (120'5"/25)	36.7/11.0 (120'5"/24)	36.7/10.6 (120'5"/23)
40 (131'3")											
Number of rope		12	12	10	10	10	10	10	10	10	10

Load Charts of Boom Hook for FJ Operating condition

(not including jib hook, counterweight (85.2+5.8)×2000lb)

Unit:kg(lb)×1000

Length of main boom	(m) (ft)	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")
Length of jib(m)	Working radius(m)										
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"/208)	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 (45'11")	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 (76.9)	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)	18.9 (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)	13.1 (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)	
Number of rope	8	8	8	8	8	8	8	8	8	8	8

Load Charts of Boom Hook for FJ Operating condition

(not including jib hook, counterweight (85.2+5.8)×2000lb)

Unit:kg(lb)×1000

Length of main boom	(m) (ft)	49.5 (162'5")		52.5 (172'3")				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")
Length of jib(m)		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")
Working radius(m)		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 (195.9)	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 (45'11")	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")	9.8 (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"/16)	49.7/6.8 (163'1"/14)	49.7/6.4 (163'1"/14)	
Number of rope		8	8	8	8	8	8	6	6	6	6

Load Charts of Boom Hook for FJ Operating condition

(not including jib hook, counterweight (85.2+5.8)×2000lb)

Unit:kg(lb)×1000

Length of main boom	(m) (ft)	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")
Length of jib(m)		13	19	25	31	13	19	25	31	13	19
Working radius(m)		(42'8")	(62'4")	(82'0")	(101'8")	(42'8")	(62'4")	(82'0")	(101'8")	(42'8")	(62'4")
10 (32'10")		11.0/76.0 (36'1"/167)	110./75.6 (360'11"/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 (45'11")		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 (62.3)	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 (12.3)	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")										57.5/4.3 (188'8"/9)	57.5/3.9 (188'8"/8)
Number of rope		6	6	6	6	6	6	6	6	6	6

Load Charts of Boom Hook for FJ Operating condition

(not including jib hook, counterweight (85.2+5.8)×2000lb)

Unit:kg(lb)×1000

Length of main boom	(m) (ft)	64.5 (211'7")		67.5 (221'5")				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")
Length of jib(m)	Working radius(m)	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 (45'11")		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)	45.0 (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)	23.9 (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")		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)
Number of rope		6	6	5	5	5	5	5	5	5	5

Load Charts of Boom Hook for FJ Operating condition

(not including jib hook, counterweight (85.2+5.8)×2000lb)

Unit:kg(lb)×1000

Length of main boom (m) (ft)	73.5 (241'2")				76.5 (250'12")				(m) (ft)	Length of main boom
	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")		
Length of jib(m) Working radius(m)	Length of jib(m) Working radius(m)				Length of jib(m) Working radius(m)				Length of jib(m) Working radius(m)	
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"/111)	12 (39'4")	
14 (45'11")	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)	14 (45'11")	
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)	16 (52'6")	
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)	18 (59'1")	
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)	20 (65'7")	
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)	22 (72'2")	
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)	24 (78'9")	
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)	26 (85'4")	
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)	28 (91'10")	
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)	30 (98'5")	
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)	32 (104'12")	
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)	34 (111'7")	
36 (118'1")	13.6 (29.9)	13.2 (29.1)	12.7 (27.9)	12.3 (27.1)	13.4 (29.5)	13.0 (28.6)	12.5 (27.5)	12.1 (26.6)	36 (118'1")	
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)	38 (124'8")	
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)	40 (131'3")	
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)	42 (137'10")	
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)	44 (144'4")	
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)	46 (150'11")	
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)	48 (157'6")	
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)	50 (164'0")	
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)	52 (170'7")	
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)	54 (177'2")	
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)	56 (183'9")	
58 (190'3")	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)	58 (190'3")	
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)	60 (196'10")	
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)		62 (203'5")	
64 (209'12")	1.7 (3.7)	64/1.3 (209'12"/2)			1.5 (3.3)	64.0/1.1 (209'12"/2)			64 (209'12")	
66 (216'6")	65.3/1.2 (214'3"/2)				66.0/1.0 (216'6"/2)				66 (216'6")	
Number of rope	5	5	5	5	4	4	4	4	Number of rope	

4.5 Load Charts of Jib Hook for FJ Operating Condition

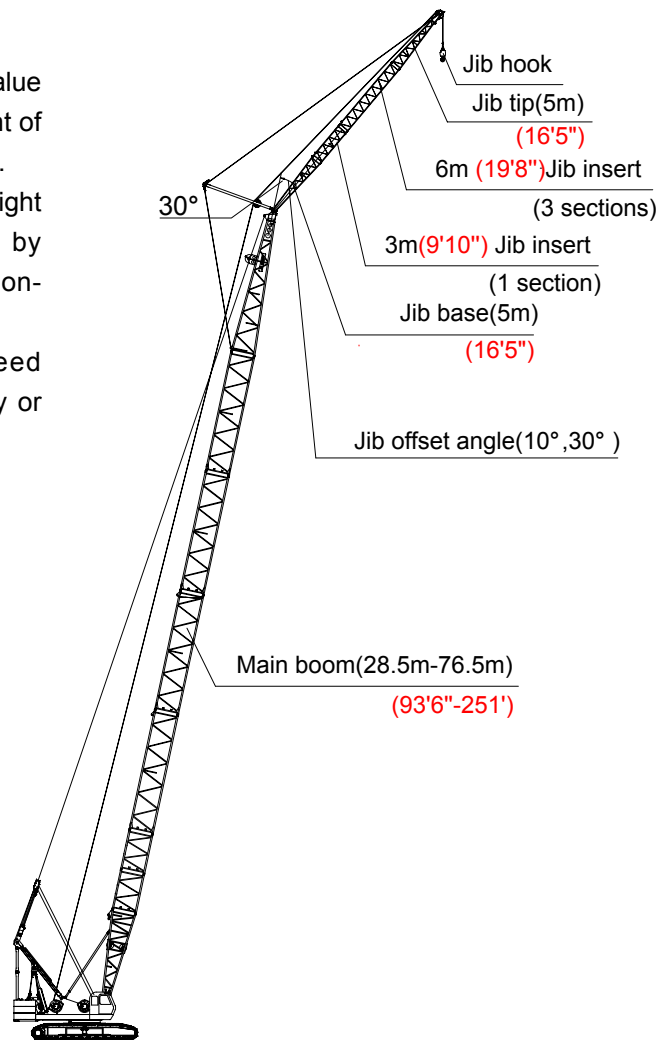
Combination of Fixed Jib

Jib Length(m)(ft)	Jib Insert(m)(ft)		Boom Length(m)(ft)	Jib Offset Angle
	3 m(9'10")	6 m(19'8")		
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°

Notes: Figures in framed cells indicate that the rated load depends on the strength.

Notice:

- 1.The actual hoisting capacity shall be the value of rated hoisting capacity deducting the weight of hook blocks, wire ropes and all the spreaders.
- 2.The rated load shown in the table is the weight of cargo which is slowly and steadily lifted by crane on flat and hard ground under the non-travel load condition.
- 3.The load rating is calculated not exceed 75percent of the load depending on stability or structure.



FJ Operating condition

Notes: The grey filling part specified in the above table is determined by strength.

Notice: 1. the actual hoisting capacity shall be the value of rated hoisting capacity deducting the weight of hook blocks, wire ropes and all the spreaders.

2. The rated load shown in the table is the weight of cargo which is slowly and steadily lifted by crane on flat and hard ground under the non-travel load condition.

3. The load rating is calculated not exceed 75percent of the load depending on stability or structure.

Load Charts of jib Hook for FJ Operating condition									
(not including Boom hook, counterweight (85.2+5.8)×2000lb)					bias angle of jib: 10°				
Unit: kg(lb)×1000									
Length of main boom	(m)	28.5				31.5			
	(ft)	(93'6")				(103'4")			
Length of jib(m)	(ft)	13	19	25	31	13	19	25	31
Load radius(m)	(ft)	(42'8")	(62'4")	(82'0")	(101'8")	(42'8")	(62'4")	(82'0")	(101'8")
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)		45.5/9.9 (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 (160'5"/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"/6)
60	(196'10")								

Load Charts of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib: 10°

Unit: kg(lb)×1000

Length of main boom	(m)	34.5 (113'2")				37.5 (123'0")			
	(ft)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Length of jib(m)	(ft)								
Load radius(m)	(ft)								
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)	17.6/7.0 (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 (41.8)	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 (12.1)
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)	14.9 (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)

Load Charts of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib: 10°

Unit: kg(lb)×1000

Length of main boom	(m)	40.5 (132'10")				43.5 (142'9")			
	(ft)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Length of jib(m)	(ft)								
Load radius(m)	(ft)								
10 (32'10")									
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)

Load Charts of jib Hook for FJ Operating condition									
(not including Boom hook, counterweight (85.2+5.8)×2000lb)					bias angle of jib: 10°				
Length of main boom	(m)	46.5 (152'7")				49.5 (162'5")			
	(ft)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Length of jib(m)	(ft)								
Load radius(m)	(ft)								
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")					70.4/3.1 (230'12"/6)				3.1 (6.8)
74 (242'9")									73.1/3.1 (239'10"/6)

Load Charts of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib: 10°

Unit: kg(lb)×1000

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

Load Charts of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib: 10°

Unit: kg(lb)×1000

Length of main boom	(m) (ft)	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")
Length of jib(m) (ft)	Load radius(m) (ft)								
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)	

Load Charts of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib: 10°

Unit: kg(lb)×1000

Length of main boom	(m)		64.5 (211'7")				67.5 (221'5")			
	(ft)	(ft)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Length of jib(m)	(m)	(ft)								
Load radius(m)	(m)	(ft)								
16	16	52'6"	27.3 (60.1)				16.5/27.3 (54'2"/60)	18.4/22.0 (60'4"/48)		
18	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	80	262'6"			4.1 (9)	3.2 (7)			3.9 (8.5)	3.3 (7.2)
82	82	269'0"			80.5/4.1 (264'1"/9)	3.2 (7)			3.6 (7.9)	3.2 (7)
84	84	275'7"				3.1 (6.8)			83.2/3.4 (272'12"/7)	3.2 (7)
86	86	282'2"				3.1 (6.8)				3.1 (6.8)
88	88	288'9"				86.3/3.1 (283'2"/6)				3.1 (6.8)
90	90	295'3"								88.9/3.0 (291'8"/6)

Load Charts of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib: 10°

Unit: kg(lb)×1000

Length of main boom	(m)		70.5				73.5			
	(ft)	(ft)	(231'4")				(241'2")			
Length of jib(m)	(ft)	13	19	25	31	13	19	25	31	
Load radius(m)	(ft)	(42'8")	(62'4")	(82'0")	(101'8")	(42'8")	(62'4")	(82'0")	(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"/3)	

Load Charts of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib: 10°

Unit: kg(lb)×1000

Length of main boom	(m)		76.5 (250'12")							
	(ft)	(ft)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")				
Length of jib (m)	(ft)	(ft)								
Load radius (m)	(ft)	(ft)								
16	17.3/27.3	(52'6")	(56'9"/60)							
18	27.2	(59'1")	(59.9)	19.8/22.0	(64'12"/48)					
20	26.6	(65'7")	(58.6)	21.8	(48)	21.8/12.5	(71'6"/27)			
22	26.0	(72'2")	(57.3)	21.2	(46.7)	12.4	(27.3)	23.7/6.8	(77'9"/14)	
24	25.4	(78'9")	(55.9)	20.6	(45.4)	12.1	(26.6)	6.9	(15.2)	
26	24.9	(85'4")	(54.8)	20.1	(44.3)	11.8	(26)	6.7	(14.7)	
28	24.4	(91'10")	(53.7)	19.6	(43.2)	11.5	(25.3)	6.5	(14.3)	
30	22.1	(98'5")	(48.7)	19.1	(42.1)	11.3	(24.9)	6.3	(13.8)	
32	20.3	(104'12")	(44.7)	18.7	(41.2)	11.0	(24.2)	6.1	(13.4)	
34	18.7	(111'7")	(41.2)	18.3	(40.3)	10.8	(23.8)	6.0	(13.2)	
36	17.2	(118'1")	(37.9)	17.9	(39.4)	10.5	(23.1)	5.8	(12.7)	
38	15.8	(124'8")	(34.8)	16.2	(35.7)	10.3	(22.7)	5.7	(12.5)	
40	14.5	(131'3")	(31.9)	15.0	(33)	10.1	(22.2)	5.5	(12.1)	
42	13.3	(137'10")	(29.3)	13.8	(30.4)	9.9	(21.8)	5.4	(11.9)	
44	12.1	(144'4")	(26.6)	12.6	(27.7)	9.7	(21.3)	5.2	(11.4)	
46	11.1	(150'11")	(24.4)	11.6	(25.5)	9.5	(20.9)	5.1	(11.2)	
48	10.2	(157'6")	(22.4)	10.7	(23.5)	9.3	(20.5)	5.0	(11)	
50	9.4	(164'0")	(20.7)	9.9	(21.8)	9.0	(19.8)	4.9	(10.8)	
52	8.7	(170'7")	(19.1)	9.1	(20)	8.9	(19.6)	4.7	(10.3)	
54	8.0	(177'2")	(17.6)	8.4	(18.5)	8.7	(19.1)	4.6	(10.1)	
56	7.2	(183'9")	(15.8)	7.8	(17.1)	8.4	(18.5)	4.5	(9.9)	
58	6.6	(190'3")	(14.5)	7.1	(15.6)	7.8	(17.1)	4.4	(9.7)	
60	6.1	(196'10")	(13.4)	6.5	(14.3)	7.1	(15.6)	4.3	(9.4)	
62	5.6	(203'5")	(12.3)	6.0	(13.2)	6.6	(14.5)	4.2	(9.2)	
64	5.1	(209'12")	(11.2)	5.5	(12.1)	6.1	(13.4)	4.1	(9)	
66	4.7	(216'6")	(10.3)	5.1	(11.2)	5.6	(12.3)	4.0	(8.8)	
68	4.2	(223'1")	(9.2)	4.6	(10.1)	5.2	(11.4)	3.9	(8.5)	
70	3.8	(229'8")	(8.3)	4.2	(9.2)	4.8	(10.5)	3.9	(8.5)	
72	3.5	(236'3")	(7.7)	3.9	(8.5)	4.4	(9.7)	3.8	(8.3)	
74	3.1	(242'9")	(6.8)	3.5	(7.7)	4.1	(9)	3.7	(8.1)	
76	2.8	(249'4")	(6.1)	3.2	(7)	3.7	(8.1)	3.6	(7.9)	
78	2.4	(255'11")	(5.2)	2.9	(6.3)	3.4	(7.4)	3.6	(7.9)	
80	79.3/2.2	(262'6")	(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)	

Load Charts of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib: 30°

Unit: kg(lb)×1000

Length of main boom	(m)	28.5				31.5			
	(ft)	(93'6")				(103'4")			
Length of jib(m)	(ft)	13	19	25	31	13	19	25	31
Load radius(m)	(ft)	(42'8")	(62'4")	(82'0")	(101'8")	(42'8")	(62'4")	(82'0")	(101'8")
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")								

Load Charts of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib:30°

Unit: kg(lb)×1000

Length of main boom	(m)	34.5				37.5			
	(ft)	(113'2")				(123'0")			
Length of jib(m)	(ft)	13	19	25	31	13	19	25	31
Load radius(m)	(ft)	(42'8")	(62'4")	(82'0")	(101'8")	(42'8")	(62'4")	(82'0")	(101'8")
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 of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib: 30°

Unit: kg(lb)×1000

Length of main boom	(m)	40.5 (132'10")				43.5 (142'9")			
	(ft)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Length of jib(m)	(ft)								
Load radius(m)	(ft)								
14	(45'11")								
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)

Load Charts of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib: 30°

Unit: kg(lb)×1000

Length of main boom	(m)	46.5 (152'7")				49.5 (162'5")			
	(ft)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")
Length of jib(m)	(ft)								
Load radius(m)	(ft)								
16	17.1/19.8 (56'1"/43)					17.6/19.8 (57'9"/43)			
18	19.5 (42.9)					19.6 (43.2)			
20	19.1 (42.1)	20.9/13.8 (68'7"/30)				19.2 (42.3)	21.4/13.8 (70'3"/30)		
22	18.6 (41)	13.8 (30.4)				18.8 (41.4)	13.8 (30.4)		
24	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	17.0 (37.4)	13.5 (29.7)	8.2 (18)			17.3 (38.1)	13.6 (29.9)	8.3 (18.2)	
28	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	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	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	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	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	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	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	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	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	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	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	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	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	53.7/10.9 (177'2"/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		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		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		9.1 (20)	6.2 (13.6)	2.9 (6.3)			9.1 (20)	6.2 (13.6)	2.9 (6.3)
62		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			6.2 (13.6)	2.8 (6.1)			62.7/8.7 (205'8"/19)	6.2 (13.6)	2.9 (6.3)
66			6.2 (13.6)	2.8 (6.1)				6.2 (13.6)	2.8 (6.1)
68			66.2/6.2 (217'2"/13)	2.8 (6.1)				6.2 (13.6)	2.8 (6.1)
70				2.8 (6.1)				68.8/6.2 (225'9"/13)	2.8 (6.1)
72				2.8 (6.1)					2.8 (6.1)
74				72.3/2.8 (237'2"/6)					2.8 (6.1)
76									74.9/2.8 (245'9"/6)
78									

Load Charts of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib: 30°

Unit: kg(lb)×1000

Length of main boom	(m)	52.5				55.5			
	(ft)	(172'3")				(182'1")			
Length of jib(m)	(ft)	13	19	25	31	13	19	25	31
Load radius(m)	(ft)	(42'8")	(62'4")	(82'0")	(101'8")	(42'8")	(62'4")	(82'0")	(101'8")
16	(52'6")								
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")								

Load Charts of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib: 30°

Unit: kg(lb)×1000

Length of main boom	(m)		58.5				61.5			
	(ft)	(ft)	(191'11")				(201'9")			
Length of jib(m)	(ft)	13	19	25	31	13	19	25	31	
Load radius(m)	(ft)	(42'8")	(62'4")	(82'0")	(101'8")	(42'8")	(62'4")	(82'0")	(101'8")	
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)	

Load Charts of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib: 30°

Unit: kg(lb)×1000

Length of main boom	(m) (ft)	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")
Length of jib(m) (ft)	Load radius(m) (ft)								
20 (65'7")	20.0/19.8 (65'7"/43)					20.4/19.7 (66'11"/43)			
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)	

Load Charts of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib: 30°

Unit: kg(lb)×1000

Length of main boom	(m)		70.5 (231'4")				73.5 (241'2")					
	(ft)	(ft)	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")	13 (42'8")	19 (62'4")	25 (82'0")	31 (101'8")		
Length of jib(m)	(ft)	Load Radius(m)										
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 of jib Hook for FJ Operating condition

(not including Boom hook, counterweight (85.2+5.8)×2000lb)

bias angle of jib: 30°

Unit: kg(lb)×1000

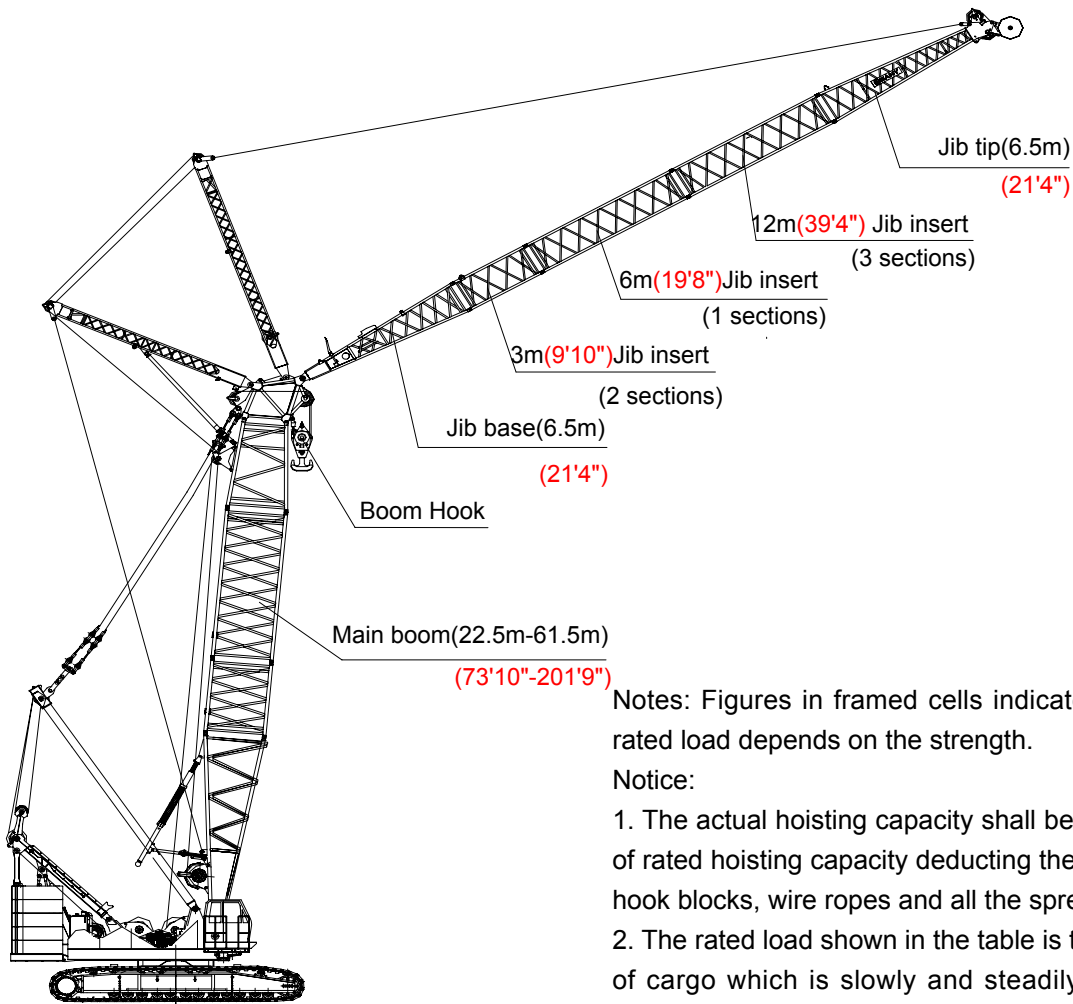
Length of main boom	(m)		76.5								
	(ft)	(ft)	(250'12")								
Length of jib(m)	(ft)		13	19	25	31					
Load radius(m)	(ft)		(42'8")	(62'4")	(82'0")	(101'8")					
20	(65'7")	21.8/19.7	(71'6"/43)								
22	(72'2")	19.6	(43.2)								
24	(78'9")	19.3	(42.5)	25.6/13.8							
26	(85'4")	19.1	(42.1)	13.8							
28	(91'10")	18.8	(41.4)	13.8	29.4/8.3						
30	(98'5")	18.4	(40.5)	13.7	8.3						
32	(104'12")	17.9	(39.4)	13.5	8.1	33.2/4.2					
34	(111'7")	17.3	(38.1)	13.4	8.0	4.2					
36	(118'1")	16.9	(37.2)	13.2	7.9	4.1					
38	(124'8")	16.5	(36.3)	13.0	7.7	4.0					
40	(131'3")	15.2	(33.5)	12.5	7.5	3.9					
42	(137'10")	13.9	(30.6)	12.2	7.4	3.8					
44	(144'4")	12.8	(28.2)	11.9	7.3	3.7					
46	(150'11")	11.7	(25.7)	11.7	7.2	3.6					
48	(157'6")	10.7	(23.5)	11.4	7.1	3.5					
50	(164'0")	9.9	(21.8)	10.8	7.0	3.5					
52	(170'7")	9.1	(20)	10.0	6.9	3.4					
54	(177'2")	8.4	(18.5)	9.3	6.8	3.3					
56	(183'9")	7.7	(16.9)	8.6	6.8	3.3					
58	(190'3")	7.0	(15.4)	7.9	6.7	3.2					
60	(196'10")	6.4	(14.1)	7.2	6.6	3.2					
62	(203'5")	5.9	(13)	6.7	6.5	3.1					
64	(209'12")	5.4	(11.9)	6.2	6.5	3.1					
66	(216'6")	4.9	(10.8)	5.7	6.2	3.0					
68	(223'1")	4.4	(9.7)	5.2	5.8	3.0					
70	(229'8")	4.0	(8.8)	4.8	5.3	3.0					
72	(236'3")	3.6	(7.9)	4.4	4.9	3.0					
74	(242'9")	3.3	(7.2)	4.0	4.5	2.9					
76	(249'4")	2.9	(6.3)	3.6	4.1	2.9					
78	(255'11")	2.6	(5.7)	3.3	3.8	2.9					
80	(262'6")	2.2	(4.8)	2.9	3.4	2.8					
82	(269'0")	80.1/2.2	(262'10"/4)	2.6	3.1	2.8					
84	(275'7")			2.2	2.8	2.8					
86	(282'2")			1.9	2.4	2.8					
88	(288'9")			86.5/1.9	2.1	2.7					
90	(295'3")			(283'9"/4)	(4.6)	(5.9)					
92	(301'10")				1.8	2.3					
94	(308'5")				(3.9)	(5)					
96	(314'11")				1.6	2.0					
98	(321'6")				(3.5)	(4.4)					
100	(328'1")				92.6/1.5	1.7					
					(303'10"/3)	(3.7)					
						1.5					
						(3.3)					
						1.3					
						(2.8)					
						98.7/1.2					
						(323'10"/2)					

Section 4-Load Charts

4.6 Load Charts of Boom Hook for LJ Operating Condition

Combination of Luffing Jib

Jib Length(m)(ft)	Jib Insert (m)(ft)			Boom Length (m)(ft)	Boom Angle
	3(9'10")	6(19'8")	12(39'4")		
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°



LJ Operating condition

Notes: Figures in framed cells indicate that the rated load depends on the strength.

Notice:

1. The actual hoisting capacity shall be the value of rated hoisting capacity deducting the weight of hook blocks, wire ropes and all the spreaders.
2. The rated load shown in the table is the weight of cargo which is slowly and steadily lifted by crane on flat and hard ground under the non-travel load condition.
3. The load rating is calculated not exceed 75 percent of the load depending on stability or structure.

Notes: The grey filling part specified in the above table is determined by strength.

Notice: 1. the actual hoisting capacity shall be the value of rated hoisting capacity deducting the weight of hook blocks, wire ropes and all the spreaders.

2. The rated load shown in the table is the weight of cargo which is slowly and steadily lifted by crane on flat and hard ground under the non-travel load condition.

3. The load rating is calculated not exceed 75percent of the load depending on stability or structure.

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m) (ft)	22.5 (73'10")							Length of boom(m) (ft)
Length of jib(m) (ft) radius(m) (ft)	22.0 (72'2")	25.0 (82'0")	28.0 (91'10")	31.0 (101'8")	34.0 (111'7")	37.0 (121'5")	40.0 (131'3")	Length of jib(m) (ft) radius(m) (ft)
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)	6.2 (20'4")
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)	7 (22'12")
8 (26'3")	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.5 (201.7)	8 (26'3")
9 (29'6")	91.6 (201.9)	91.6 (201.9)	91.2 (201)	90.8 (200.1)	89.6 (197.5)	88.4 (194.8)	86.5 (190.6)	9 (29'6")
10 (32'10")	87.4 (192.6)	85.4 (188.2)	83.6 (184.3)	81.8 (180.3)	80.3 (177)	78.8 (173.7)	76.7 (169)	10 (32'10")
12 (39'4")	66.2 (145.9)	64.7 (142.6)	63.1 (139.1)	61.4 (135.3)	60.0 (132.2)	58.7 (129.4)	56.7 (125)	12 (39'4")
14 (45'11")	50.9 (112.2)	49.3 (108.6)	47.7 (105.1)	46.2 (101.8)	44.9 (98.9)	43.6 (96.1)	41.8 (92.1)	14 (45'11")
16 (52'6")	40.7 (89.7)	39.2 (86.4)	37.8 (83.3)	36.4 (80.2)	35.1 (77.3)	33.9 (74.7)	32.3 (71.2)	16 (52'6")
18 (59'1")	32.9 (72.5)	31.5 (69.4)	30.1 (66.3)	28.8 (63.4)	27.6 (60.8)	26.5 (58.4)	24.9 (54.8)	18 (59'1")
穿绳数Number of rope	7	7	7	7	7	7	7	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	22.5							Length of boom(m)
(ft)	(73'10")							(ft)
Length of jib(m) (ft) radius(m) (ft)	43.0 (141'1")	46.0 (150'11")	49.0 (160'9")	52.0 (170'7")	55.0 (180'5")	58.0 (190'3")	61.0 (200'2")	Length of jib(m) (ft) radius(m) (ft)
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)	6.2 (20'4")
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)	7 (22'12")
8 (26'3")	91.4 (201.5)	91.1 (200.8)	90.9 (200.3)	90.6 (199.7)	87.9 (193.7)	85.1 (187.6)	82.4 (181.6)	8 (26'3")
9 (29'6")	84.5 (186.2)	82.6 (182)	80.7 (177.9)	78.8 (173.7)	76.2 (167.9)	73.7 (162.4)	71.1 (156.7)	9 (29'6")
10 (32'10")	74.5 (164.2)	72.8 (160.4)	71.0 (156.5)	69.2 (152.5)	66.8 (147.2)	64.3 (141.7)	61.9 (136.4)	10 (32'10")
12 (39'4")	54.7 (120.5)	53.1 (117)	51.4 (113.3)	49.8 (109.7)	47.6 (104.9)	45.5 (100.3)	43.3 (95.4)	12 (39'4")
14 (45'11")	40.0 (88.1)	38.4 (84.6)	36.9 (81.3)	35.4 (78)	33.3 (73.4)	31.3 (69)	29.3 (64.5)	14 (45'11")
16 (52'6")	30.6 (67.4)	29.1 (64.1)	27.6 (60.8)	26.2 (57.7)	24.3 (53.5)	22.4 (49.3)	20.5 (45.1)	16 (52'6")
18 (59'1")	23.3 (51.3)	22.0 (48.5)	20.6 (45.4)	19.2 (42.3)	17.4 (38.3)	15.7 (34.6)	13.9 (30.6)	18 (59'1")
穿绳数Number of rope	7	7	7	7	7	7	7	穿绳数

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	25.5							Length of boom(m)
(ft)	(83'8")							(ft)
Length of jib(m) (ft) radius(m) (ft)	22.0 (72'2")	25.0 (82'0")	28.0 (91'10")	31.0 (101'8")	34.0 (111'7")	37.0 (121'5")	40.0 (131'3")	Length of jib(m) (ft) radius(m) (ft)
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)	7 (22'12")
8 (26'3")	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.6 (201.9)	91.5 (201.7)	8 (26'3")
9 (29'6")	91.6 (201.9)	91.6 (201.9)	91.2 (201)	90.8 (200.1)	89.7 (197.7)	88.6 (195.3)	86.8 (191.3)	9 (29'6")
10 (32'10")	87.3 (192.4)	85.4 (188.2)	83.7 (184.5)	81.9 (180.5)	80.5 (177.4)	79.1 (174.3)	77.0 (169.7)	10 (32'10")
12 (39'4")	66.6 (146.8)	64.9 (143)	63.3 (139.5)	61.7 (136)	60.5 (133.3)	59.4 (130.9)	57.4 (126.5)	12 (39'4")
14 (45'11")	51.0 (112.4)	49.4 (108.9)	47.9 (105.6)	46.4 (102.2)	45.2 (99.6)	44.0 (97)	42.3 (93.2)	14 (45'11")
16 (52'6")	40.8 (89.9)	39.3 (86.6)	37.9 (83.5)	36.5 (80.4)	35.3 (77.8)	34.1 (75.1)	32.5 (71.6)	16 (52'6")
18 (59'1")	32.9 (72.5)	31.5 (69.4)	30.2 (66.5)	28.9 (63.7)	27.8 (61.2)	26.8 (59)	25.2 (55.5)	18 (59'1")
穿绳数Number of rope	7	7	7	7	7	7	7	穿绳数

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	25.5							Length of boom(m)
(ft)	(83'8")							(ft)
Length of jib(m) (ft)	43.0	46.0	49.0	52.0	55.0	58.0	61.0	Length of jib(m) (ft)
radius(m) (ft)	(141'1")	(150'11")	(160'9")	(170'7")	(180'5")	(190'3")	(200'2")	radius(m) (ft)
7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	7
(22'12")	(201.9)	(201.9)	(201.9)	(201.9)	(201.9)	(201.9)	(201.9)	(22'12")
8	91.4	91.2	90.9	90.7	88.3	85.9	83.5	8
(26'3")	(201.5)	(201)	(200.3)	(199.9)	(194.6)	(189.3)	(184)	(26'3")
9	84.9	83.1	81.3	79.5	77.0	74.6	72.1	9
(29'6")	(187.1)	(183.2)	(179.2)	(175.2)	(169.7)	(164.4)	(158.9)	(29'6")
10	74.9	73.2	71.5	69.8	67.5	65.2	62.9	10
(32'10")	(165.1)	(161.3)	(157.6)	(153.8)	(148.8)	(143.7)	(138.6)	(32'10")
12	55.3	53.8	52.3	50.7	48.6	46.5	44.4	12
(39'4")	(121.9)	(118.6)	(115.3)	(111.7)	(107.1)	(102.5)	(97.8)	(39'4")
14	40.6	39.1	37.6	36.2	34.2	32.3	30.4	14
(45'11")	(89.5)	(86.1)	(82.8)	(79.8)	(75.3)	(71.2)	(67)	(45'11")
16	30.9	29.6	28.2	26.9	25.0	23.2	21.4	16
(52'6")	(68.1)	(65.2)	(62.1)	(59.3)	(55.1)	(51.1)	(47.1)	(52'6")
18	23.6	22.4	21.1	19.8	18.1	16.4	14.6	18
(59'1")	(52)	(49.3)	(46.5)	(43.6)	(39.9)	(36.1)	(32.1)	(59'1")
穿绳数Number of rope	7	7	7	7	7	7	7	穿绳数

Load Charts of Boom Hook for LJ Operating condition								
(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)								Unit: kg(lb)×1000
Length of boom(m)	28.5							Length of boom(m)
(ft)	(93'6")							(ft)
Length of jib(m) (ft) radius(m) (ft)	22.0 (72'2")	25.0 (82'0")	28.0 (91'10")	31.0 (101'8")	34.0 (111'7")	37.0 (121'5")	40.0 (131'3")	Length of jib(m) (ft) radius(m) (ft)
8 (26'3")	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")
9 (29'6")	91.6 (201.9)	91.6 (201.9)	91.3 (201.2)	90.9 (200.3)	89.8 (197.9)	88.8 (195.7)	87.1 (192)	9 (29'6")
10 (32'10")	87.3 (192.4)	85.4 (188.2)	83.7 (184.5)	82.0 (180.7)	80.6 (177.6)	79.3 (174.8)	77.3 (170.4)	10 (32'10")
12 (39'4")	66.7 (147)	65.0 (143.2)	63.5 (139.9)	61.9 (136.4)	60.7 (133.8)	59.5 (131.1)	57.7 (127.2)	12 (39'4")
14 (45'11")	51.0 (112.4)	49.5 (109.1)	48.0 (105.8)	46.6 (102.7)	45.5 (100.3)	44.3 (97.6)	42.7 (94.1)	14 (45'11")
16 (52'6")	40.8 (89.9)	39.4 (86.8)	38.0 (83.7)	36.7 (80.9)	35.6 (78.4)	34.4 (75.8)	32.9 (72.5)	16 (52'6")
18 (59'1")	32.9 (72.5)	31.6 (69.6)	30.3 (66.7)	29.0 (63.9)	28.0 (61.7)	27.0 (59.5)	25.5 (56.2)	18 (59'1")
20 (65'7")	27.1 (59.7)	25.8 (56.8)	24.5 (54)	23.3 (51.3)	22.3 (49.1)	21.3 (46.9)	19.9 (43.8)	20 (65'7")
22 (72'2")	22.5 (49.6)	21.2 (46.7)	20.0 (44)	18.9 (41.6)	18.0 (39.6)	17.1 (37.6)	15.7 (34.6)	22 (72'2")
穿绳数Number of rope	7	7	7	7	7	7	7	穿绳数

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	28.5							Length of boom(m)
(ft)	(93'6")							(ft)
Length of jib(m) (ft) radius(m) (ft)	43.0 (141'1")	46.0 (150'11")	49.0 (160'9")	52.0 (170'7")	55.0 (180'5")	58.0 (190'3")	61.0 (200'2")	Length of jib(m) (ft) radius(m) (ft)
8 (26'3")	91.5 (201.7)	91.3 (201.2)	91.0 (200.6)	90.8 (200.1)	88.6 (195.3)	86.4 (190.4)	84.2 (185.6)	8 (26'3")
9 (29'6")	85.3 (188)	83.6 (184.3)	81.8 (180.3)	80.1 (176.5)	77.7 (171.2)	75.3 (166)	72.9 (160.7)	9 (29'6")
10 (32'10")	75.3 (166)	73.7 (162.4)	72.0 (158.7)	70.4 (155.2)	68.2 (150.3)	66.0 (145.5)	63.7 (140.4)	10 (32'10")
12 (39'4")	55.9 (123.2)	54.4 (119.9)	52.9 (116.6)	51.4 (113.3)	49.4 (108.9)	47.4 (104.4)	45.3 (99.8)	12 (39'4")
14 (45'11")	41.0 (90.3)	39.6 (87.3)	38.2 (84.2)	36.9 (81.3)	35.0 (77.1)	33.2 (73.1)	31.3 (69)	14 (45'11")
16 (52'6")	31.4 (69.2)	30.1 (66.3)	28.8 (63.4)	27.5 (60.6)	25.7 (56.6)	24.0 (52.9)	22.2 (48.9)	16 (52'6")
18 (59'1")	24.0 (52.9)	22.8 (50.2)	21.5 (47.3)	20.3 (44.7)	18.7 (41.2)	17.0 (37.4)	15.4 (33.9)	18 (59'1")
20 (65'7")	18.5 (40.7)	17.3 (38.1)	16.1 (35.4)	14.9 (32.8)	13.4 (29.5)	11.8 (26)	10.2 (22.4)	20 (65'7")
22 (72'2")	14.3 (31.5)	13.2 (29.1)	12.1 (26.6)	10.9 (24)				22 (72'2")
穿绳数Number of rope	7	7	7	7	7	7	7	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	31.5							Length of boom(m)
(ft)	(103'4")							(ft)
Length of jib(m) (ft) radius(m) (ft)	22.0 (72'2")	25.0 (82'0")	28.0 (91'10")	31.0 (101'8")	34.0 (111'7")	37.0 (121'5")	40.0 (131'3")	Length of jib(m) (ft) radius(m) (ft)
8 (26'3")	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")
9 (29'6")	91.6 (201.9)	91.6 (201.9)	91.3 (201.2)	91.0 (200.6)	89.9 (198.1)	88.9 (195.9)	87.2 (192.2)	9 (29'6")
10 (32'10")	87.2 (192.2)	85.4 (188.2)	83.8 (184.7)	82.1 (180.9)	80.7 (177.9)	79.4 (175)	77.5 (170.8)	10 (32'10")
12 (39'4")	66.6 (146.8)	64.9 (143)	63.4 (139.7)	61.9 (136.4)	60.8 (134)	59.6 (131.3)	57.8 (127.4)	12 (39'4")
14 (45'11")	50.9 (112.2)	49.5 (109.1)	48.1 (106)	46.7 (102.9)	45.6 (100.5)	44.4 (97.8)	42.8 (94.3)	14 (45'11")
16 (52'6")	40.6 (89.5)	39.3 (86.6)	37.9 (83.5)	36.6 (80.6)	35.6 (78.4)	34.5 (76)	33.0 (72.7)	16 (52'6")
18 (59'1")	32.8 (72.3)	31.5 (69.4)	30.2 (66.5)	29.0 (63.9)	28.0 (61.7)	27.1 (59.7)	25.6 (56.4)	18 (59'1")
20 (65'7")	27.0 (59.5)	25.7 (56.6)	24.4 (53.7)	23.2 (51.1)	22.3 (49.1)	21.3 (46.9)	19.9 (43.8)	20 (65'7")
22 (72'2")	22.4 (49.3)	21.1 (46.5)	19.9 (43.8)	18.8 (41.4)	17.9 (39.4)	17.0 (37.4)	15.7 (34.6)	22 (72'2")
24 (78'9")	18.7 (41.2)	17.5 (38.5)	16.4 (36.1)	15.3 (33.7)	14.3 (31.5)	13.4 (29.5)	12.2 (26.8)	24 (78'9")
穿绳数Number of rope	7	7	7	7	7	7	7	穿绳数

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	31.5						Length of boom(m)	
(ft)	(103'4")						(ft)	
Length of jib(m) (ft)	43.0	46.0	49.0	52.0	55.0	58.0	61.0	Length of jib(m) (ft)
radius(m) (ft)	(141'1")	(150'11")	(160'9")	(170'7")	(180'5")	(190'3")	(200'2")	radius(m) (ft)
8	91.5	91.3	91.1	90.9	88.9	86.9	84.8	8
(26'3")	(201.7)	(201.2)	(200.8)	(200.3)	(195.9)	(191.5)	(186.9)	(26'3")
9	85.5	83.9	82.2	80.5	78.2	75.9	73.5	9
(29'6")	(188.4)	(184.9)	(181.2)	(177.4)	(172.3)	(167.3)	(162)	(29'6")
10	75.5	74.0	72.4	70.8	68.6	66.5	64.3	10
(32'10")	(166.4)	(163.1)	(159.6)	(156)	(151.2)	(146.6)	(141.7)	(32'10")
12	56.1	54.6	53.2	51.8	49.9	47.9	46.0	12
(39'4")	(123.6)	(120.3)	(117.2)	(114.1)	(110)	(105.6)	(101.4)	(39'4")
14	41.2	39.9	38.6	37.3	35.5	33.6	31.8	14
(45'11")	(90.8)	(87.9)	(85)	(82.2)	(78.2)	(74)	(70.1)	(45'11")
16	31.4	30.2	29.0	27.8	26.1	24.4	22.7	16
(52'6")	(69.2)	(66.5)	(63.9)	(61.2)	(57.5)	(53.7)	(50)	(52'6")
18	24.1	23.0	21.8	20.6	19.0	17.4	15.9	18
(59'1")	(53.1)	(50.7)	(48)	(45.4)	(41.8)	(38.3)	(35)	(59'1")
20	18.6	17.5	16.4	15.3	13.7	12.2	10.7	20
(65'7")	(41)	(38.5)	(36.1)	(33.7)	(30.2)	(26.8)	(23.5)	(65'7")
22	14.4	13.3	12.2	11.1				22
(72'2")	(31.7)	(29.3)	(26.8)	(24.4)				(72'2")
24	11.0	9.9	8.9	7.8				24
(78'9")	(24.2)	(21.8)	(19.6)	(17.1)				(78'9")
穿绳数Number of rope	7	7	7	7	7	7	7	穿绳数

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	34.5							Length of boom(m)
(ft)	(113'2")							(ft)
Length of jib(m) (ft)	22.0	25.0	28.0	31.0	34.0	37.0	40.0	Length of jib(m) (ft)
radius(m) (ft)	(72'2")	(82'0")	(91'10")	(101'8")	(111'7")	(121'5")	(131'3")	radius(m) (ft)
9	91.6	91.6	91.4	91.1	90.0	89.0	49.0	9
(29'6")	(201.9)	(201.9)	(201.5)	(200.8)	(198.4)	(196.2)	(108)	(29'6")
10	87.2	85.4	83.8	82.1	80.9	79.6	44.8	10
(32'10")	(192.2)	(188.2)	(184.7)	(180.9)	(178.3)	(175.4)	(98.7)	(32'10")
12	66.5	64.9	63.4	61.9	60.8	59.7	35.8	12
(39'4")	(146.6)	(143)	(139.7)	(136.4)	(134)	(131.6)	(78.9)	(39'4")
14	50.9	49.4	48.0	46.7	45.6	44.5	29.3	14
(45'11")	(112.2)	(108.9)	(105.8)	(102.9)	(100.5)	(98.1)	(64.5)	(45'11")
16	40.5	39.2	38.1	37.0	35.8	34.6	25.3	16
(52'6")	(89.2)	(86.4)	(83.9)	(81.5)	(78.9)	(76.2)	(55.7)	(52'6")
18	32.6	31.3	30.1	28.9	27.9	27.0	22.5	18
(59'1")	(71.8)	(69)	(66.3)	(63.7)	(61.5)	(59.5)	(49.6)	(59'1")
20	26.7	25.5	24.3	23.1	22.2	21.3	20.7	20
(65'7")	(58.8)	(56.2)	(53.5)	(50.9)	(48.9)	(46.9)	(45.6)	(65'7")
22	22.1	20.9	19.7	18.6	17.7	16.9	19.4	22
(72'2")	(48.7)	(46)	(43.4)	(41)	(39)	(37.2)	(42.7)	(72'2")
24	18.5	17.3	16.2	15.0	14.2	13.4	18.7	24
(78'9")	(40.7)	(38.1)	(35.7)	(33)	(31.3)	(29.5)	(41.2)	(78'9")
26	15.4	14.2	13.2	12.2	11.4	10.5	18.3	26
(85'4")	(33.9)	(31.3)	(29.1)	(26.8)	(25.1)	(23.1)	(40.3)	(85'4")
穿绳数Number of rope	7	7	7	7	7	7	7	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	34.5						Length of boom(m)	
(ft)	(113'2")						(ft)	
Length of jib(m) (ft)	43.0	46.0	49.0	52.0	55.0	58.0	61.0	Length of jib(m) (ft)
radius(m) (ft)	(141'1")	(150'11")	(160'9")	(170'7")	(180'5")	(190'3")	(200'2")	radius(m) (ft)
9	85.7	84.1	82.5	80.9	78.6	76.3	74.0	9
(29'6")	(188.9)	(185.4)	(181.8)	(178.3)	(173.2)	(168.2)	(163.1)	(29'6")
10	75.8	74.2	72.7	71.2	69.1	67.0	64.8	10
(32'10")	(167.1)	(163.5)	(160.2)	(156.9)	(152.3)	(147.7)	(142.8)	(32'10")
12	56.2	54.8	53.5	52.1	50.2	48.3	46.5	12
(39'4")	(123.8)	(120.8)	(117.9)	(114.8)	(110.6)	(106.4)	(102.5)	(39'4")
14	41.4	40.1	38.9	37.6	35.8	34.1	32.3	14
(45'11")	(91.2)	(88.4)	(85.7)	(82.8)	(78.9)	(75.1)	(71.2)	(45'11")
16	31.6	30.4	29.3	28.1	26.4	24.8	23.1	16
(52'6")	(69.6)	(67)	(64.5)	(61.9)	(58.2)	(54.6)	(50.9)	(52'6")
18	24.2	23.1	22.0	20.8	19.3	17.7	16.2	18
(59'1")	(53.3)	(50.9)	(48.5)	(45.8)	(42.5)	(39)	(35.7)	(59'1")
20	18.6	17.5	16.4	15.4	13.9	12.4	10.9	20
(65'7")	(41)	(38.5)	(36.1)	(33.9)	(30.6)	(27.3)	(24)	(65'7")
22	14.3	13.3	12.3	11.2				22
(72'2")	(31.5)	(29.3)	(27.1)	(24.6)				(72'2")
24	11.0	10.0	9.0	8.0				24
(78'9")	(24.2)	(22)	(19.8)	(17.6)				(78'9")
26	8.2							26
(85'4")	(18)							(85'4")
穿绳数Number of rope	7	7	7	6	6	6	6	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	37.5							Length of boom(m)
(ft)	(123'0")							(ft)
Length of jib(m) (ft)	22.0	25.0	28.0	31.0	34.0	37.0	40.0	Length of jib(m) (ft)
radius(m) (ft)	(72'2")	(82'0")	(91'10")	(101'8")	(111'7")	(121'5")	(131'3")	radius(m) (ft)
10 (32'10")	87.0 (191.8)	85.3 (188)	83.7 (184.5)	82.1 (180.9)	80.9 (178.3)	79.6 (175.4)	77.7 (171.2)	10 (32'10")
12 (39'4")	66.5 (146.6)	64.9 (143)	63.5 (139.9)	62.0 (136.6)	60.9 (134.2)	59.8 (131.8)	58.1 (128)	12 (39'4")
14 (45'11")	50.8 (111.9)	49.4 (108.9)	48.0 (105.8)	46.7 (102.9)	45.7 (100.7)	44.6 (98.3)	43.1 (95)	14 (45'11")
16 (52'6")	40.5 (89.2)	39.1 (86.1)	37.8 (83.3)	36.6 (80.6)	35.6 (78.4)	34.6 (76.2)	33.2 (73.1)	16 (52'6")
18 (59'1")	32.5 (71.6)	31.3 (69)	30.1 (66.3)	28.9 (63.7)	28.0 (61.7)	27.1 (59.7)	25.7 (56.6)	18 (59'1")
20 (65'7")	26.6 (58.6)	25.4 (55.9)	24.2 (53.3)	23.1 (50.9)	22.2 (48.9)	21.3 (46.9)	20.0 (44)	20 (65'7")
22 (72'2")	22.0 (48.5)	20.8 (45.8)	19.7 (43.4)	18.6 (41)	17.7 (39)	16.9 (37.2)	15.7 (34.6)	22 (72'2")
24 (78'9")	18.3 (40.3)	17.2 (37.9)	16.1 (35.4)	14.9 (32.8)	14.1 (31)	13.3 (29.3)	12.1 (26.6)	24 (78'9")
26 (85'4")	15.3 (33.7)	14.1 (31)	13.1 (28.8)	12.1 (26.6)	11.3 (24.9)	10.5 (23.1)	9.3 (20.5)	26 (85'4")
28 (91'10")	12.7 (27.9)	11.6 (25.5)	10.7 (23.5)	9.7 (21.3)	8.9 (19.6)	8.2 (18)	7.0 (15.4)	28 (91'10")
穿绳数Number of rope	7	7	7	7	7	7	7	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	37.5						Length of boom(m)	
(ft)	(123'0")						(ft)	
Length of jib(m) (ft)	43.0	46.0	49.0	52.0	55.0	58.0	61.0	Length of jib(m) (ft)
radius(m) (ft)	(141'1")	(150'11")	(160'9")	(170'7")	(180'5")	(190'3")	(200'2")	radius(m) (ft)
10	75.9	74.4	73.0	71.5	69.4	67.3	65.2	10
(32'10")	(167.3)	(164)	(160.9)	(157.6)	(152.9)	(148.3)	(143.7)	(32'10")
12	56.4	55.0	53.7	52.4	50.6	48.7	46.9	12
(39'4")	(124.3)	(121.2)	(118.3)	(115.5)	(111.5)	(107.3)	(103.3)	(39'4")
14	41.5	40.3	39.1	37.9	36.2	34.4	32.7	14
(45'11")	(91.4)	(88.8)	(86.1)	(83.5)	(79.8)	(75.8)	(72)	(45'11")
16	31.8	30.7	29.5	28.4	26.8	25.1	23.5	16
(52'6")	(70.1)	(67.6)	(65)	(62.6)	(59)	(55.3)	(51.8)	(52'6")
18	24.3	23.2	22.1	21.0	19.5	18.0	16.6	18
(59'1")	(53.5)	(51.1)	(48.7)	(46.2)	(42.9)	(39.6)	(36.5)	(59'1")
20	18.7	17.7	16.7	15.7	14.2	12.8	11.3	20
(65'7")	(41.2)	(39)	(36.8)	(34.6)	(31.3)	(28.2)	(24.9)	(65'7")
22	14.4	13.4	12.4	11.4				22
(72'2")	(31.7)	(29.5)	(27.3)	(25.1)				(72'2")
24	10.9	10.0	9.0	8.1				24
(78'9")	(24)	(22)	(19.8)	(17.8)				(78'9")
26	8.2							26
(85'4")	(18)							(85'4")
28	5.9							28
(91'10")	(13)							(91'10")
穿绳数Number of rope	7	6	6	6	6	6	6	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	40.5							Length of boom(m)
(ft)	(132'10")							(ft)
Length of jib(m) (ft)	22.0	25.0	28.0	31.0	34.0	37.0	40.0	Length of jib(m) (ft)
radius(m) (ft)	(72'2")	(82'0")	(91'10")	(101'8")	(111'7")	(121'5")	(131'3")	radius(m) (ft)
10 (32'10")	86.9 (191.5)	85.1 (187.6)	83.6 (184.3)	82.0 (180.7)	80.8 (178.1)	79.6 (175.4)	77.8 (171.5)	10 (32'10")
12 (39'4")	66.4 (146.3)	64.7 (142.6)	63.3 (139.5)	61.9 (136.4)	60.9 (134.2)	59.8 (131.8)	58.1 (128)	12 (39'4")
14 (45'11")	50.6 (111.5)	49.2 (108.4)	47.9 (105.6)	46.6 (102.7)	45.6 (100.5)	44.6 (98.3)	43.1 (95)	14 (45'11")
16 (52'6")	40.3 (88.8)	39.0 (85.9)	37.7 (83.1)	36.5 (80.4)	35.6 (78.4)	34.6 (76.2)	33.2 (73.1)	16 (52'6")
18 (59'1")	32.4 (71.4)	31.1 (68.5)	29.9 (65.9)	28.8 (63.4)	27.9 (61.5)	27.1 (59.7)	25.7 (56.6)	18 (59'1")
20 (65'7")	26.5 (58.4)	25.3 (55.7)	24.1 (53.1)	22.9 (50.4)	22.1 (48.7)	21.3 (46.9)	20.0 (44)	20 (65'7")
22 (72'2")	21.9 (48.2)	20.7 (45.6)	19.6 (43.2)	18.5 (40.7)	17.7 (39)	16.9 (37.2)	15.7 (34.6)	22 (72'2")
24 (78'9")	18.1 (39.9)	17.0 (37.4)	16.0 (35.2)	14.9 (32.8)	14.1 (31)	13.3 (29.3)	12.1 (26.6)	24 (78'9")
26 (85'4")	15.0 (33)	13.9 (30.6)	12.9 (28.4)	11.9 (26.2)	11.2 (24.6)	10.4 (22.9)	9.3 (20.5)	26 (85'4")
28 (91'10")	12.5 (27.5)	11.4 (25.1)	10.5 (23.1)	9.5 (20.9)	8.7 (19.1)	8.0 (17.6)	4.0 (8.8)	28 (91'10")
30 (98'5")	10.4 (22.9)	9.3 (20.5)	8.3 (18.2)	7.4 (16.3)	6.7 (14.7)	6.0 (13.2)	3.0 (6.6)	30 (98'5")
32 (104'12")	8.5 (18.7)	7.5 (16.5)	6.6 (14.5)	5.7 (12.5)				32 (104'12")
穿绳数Number of rope	7	7	7	7	7	6	6	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	40.5						Length of boom(m)	
(ft)	(132'10")						(ft)	
Length of jib(m) (ft)	43.0	46.0	49.0	52.0	55.0	58.0	61.0	Length of jib(m) (ft)
radius(m) (ft)	(141'1")	(150'11")	(160'9")	(170'7")	(180'5")	(190'3")	(200'2")	radius(m) (ft)
10	76.0	74.5	73.1	71.6	69.6	67.6	65.5	10
(32'10")	(167.5)	(164.2)	(161.1)	(157.8)	(153.4)	(149)	(144.4)	(32'10")
12	56.5	55.2	53.9	52.6	50.8	49.0	47.2	12
(39'4")	(124.5)	(121.6)	(118.8)	(115.9)	(111.9)	(108)	(104)	(39'4")
14	41.5	40.3	39.2	38.0	36.3	34.7	33.0	14
(45'11")	(91.4)	(88.8)	(86.4)	(83.7)	(80)	(76.4)	(72.7)	(45'11")
16	31.8	30.7	29.6	28.5	26.9	25.4	23.8	16
(52'6")	(70.1)	(67.6)	(65.2)	(62.8)	(59.3)	(55.9)	(52.4)	(52'6")
18	24.3	23.3	22.2	21.1	19.7	18.2	16.8	18
(59'1")	(53.5)	(51.3)	(48.9)	(46.5)	(43.4)	(40.1)	(37)	(59'1")
20	18.8	17.8	16.8	15.8	14.3	12.9	11.5	20
(65'7")	(41.4)	(39.2)	(37)	(34.8)	(31.5)	(28.4)	(25.3)	(65'7")
22	14.4	13.5	12.5	11.5				22
(72'2")	(31.7)	(29.7)	(27.5)	(25.3)				(72'2")
24	10.9	10.0	9.0	8.1				24
(78'9")	(24)	(22)	(19.8)	(17.8)				(78'9")
26	8.2							26
(85'4")	(18)							(85'4")
28								28
(91'10")								(91'10")
30								30
(98'5")								(98'5")
32								32
(104'12")								(104'12")
穿绳数Number of rope	6	6	6	6	6	6	6	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition								
(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)								Unit: kg(lb)×1000
Length of boom(m)	43.5							Length of boom(m)
(ft)	(142'9")							(ft)
Length of jib(m) (ft) radius(m) (ft)	22.0 (72'2")	25.0 (82'0")	28.0 (91'10")	31.0 (101'8")	34.0 (111'7")	37.0 (121'5")	40.0 (131'3")	Length of jib(m) (ft) radius(m) (ft)
10 (32'10")	86.7 (191.1)	85.0 (187.3)	83.4 (183.8)	81.8 (180.3)	80.6 (177.6)	79.5 (175.2)	77.7 (171.2)	10 (32'10")
12 (39'4")	66.4 (146.3)	64.8 (142.8)	63.4 (139.7)	61.9 (136.4)	60.9 (134.2)	59.9 (132)	58.3 (128.5)	12 (39'4")
14 (45'11")	50.7 (111.7)	49.3 (108.6)	47.9 (105.6)	46.6 (102.7)	45.7 (100.7)	44.7 (98.5)	43.2 (95.2)	14 (45'11")
16 (52'6")	40.3 (88.8)	39.0 (85.9)	37.7 (83.1)	36.5 (80.4)	35.6 (78.4)	34.7 (76.4)	33.3 (73.4)	16 (52'6")
18 (59'1")	32.3 (71.2)	31.0 (68.3)	29.8 (65.6)	28.7 (63.2)	27.9 (61.5)	27.1 (59.7)	25.9 (57)	18 (59'1")
20 (65'7")	26.4 (58.2)	25.2 (55.5)	24.1 (53.1)	22.9 (50.4)	22.2 (48.9)	21.4 (47.1)	20.1 (44.3)	20 (65'7")
22 (72'2")	21.8 (48)	20.6 (45.4)	19.5 (42.9)	18.4 (40.5)	17.6 (38.8)	16.9 (37.2)	15.7 (34.6)	22 (72'2")
24 (78'9")	18.0 (39.6)	16.9 (37.2)	15.8 (34.8)	14.7 (32.4)	14.0 (30.8)	13.2 (29.1)	12.1 (26.6)	24 (78'9")
26 (85'4")	14.9 (32.8)	13.8 (30.4)	12.8 (28.2)	11.8 (26)	11.1 (24.4)	10.4 (22.9)	9.3 (20.5)	26 (85'4")
28 (91'10")	12.3 (27.1)	11.3 (24.9)	10.4 (22.9)	9.5 (20.9)	8.7 (19.1)	8.0 (17.6)		28 (91'10")
30 (98'5")	10.2 (22.4)	9.2 (20.2)	8.2 (18)	7.3 (16)	6.6 (14.5)	5.9 (13)		30 (98'5")
32 (104'12")	8.3 (18.2)	7.3 (16)	6.4 (14.1)	5.5 (12.1)				32 (104'12")
穿绳数Number of rope	7	7	7	7	7	6	6	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	43.5							Length of boom(m)
(ft)	(142'9")							(ft)
Length of jib(m) (ft) radius(m) (ft)	43.0 (141'1")	46.0 (150'11")	49.0 (160'9")	52.0 (170'7")	55.0 (180'5")	58.0 (190'3")	61.0 (200'2")	Length of jib(m) (ft) radius(m) (ft)
10 (32'10")	75.9 (167.3)	74.5 (164.2)	73.1 (161.1)	71.7 (158)	69.7 (153.6)	67.7 (149.2)	65.7 (144.8)	10 (32'10")
12 (39'4")	56.7 (125)	55.4 (122.1)	54.1 (119.2)	52.8 (116.4)	51.0 (112.4)	49.3 (108.6)	47.5 (104.7)	12 (39'4")
14 (45'11")	41.7 (91.9)	40.6 (89.5)	39.4 (86.8)	38.3 (84.4)	36.6 (80.6)	35.0 (77.1)	33.3 (73.4)	14 (45'11")
16 (52'6")	31.9 (70.3)	30.8 (67.9)	29.8 (65.6)	28.7 (63.2)	27.2 (59.9)	25.7 (56.6)	24.1 (53.1)	16 (52'6")
18 (59'1")	24.6 (54.2)	23.5 (51.8)	22.4 (49.3)	21.3 (46.9)	19.9 (43.8)	18.5 (40.7)	17.1 (37.6)	18 (59'1")
20 (65'7")	18.9 (41.6)	17.9 (39.4)	16.9 (37.2)	16.0 (35.2)	14.6 (32.1)	13.2 (29.1)	11.8 (26)	20 (65'7")
22 (72'2")	14.4 (31.7)	13.5 (29.7)	12.6 (27.7)	11.7 (25.7)				22 (72'2")
24 (78'9")	10.9 (24)	10.0 (22)	9.1 (20)	8.2 (18)				24 (78'9")
26 (85'4")	8.2 (18)							26 (85'4")
28 (91'10")								28 (91'10")
30 (98'5")								30 (98'5")
32 (104'12")								32 (104'12")
穿绳数Number of rope	6	6	6	6	6	6	5	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition								
(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)								Unit: kg(lb)×1000
Length of boom(m)	46.5							Length of boom(m)
(ft)	(152'7")							(ft)
Length of jib(m) (ft) radius(m) (ft)	22.0 (72'2")	25.0 (82'0")	28.0 (91'10")	31.0 (101'8")	34.0 (111'7")	37.0 (121'5")	40.0 (131'3")	Length of jib(m) (ft) radius(m) (ft)
12 (39'4")	66.2 (145.9)	64.7 (142.6)	63.6 (140.2)	62.5 (137.7)	61.2 (134.9)	59.9 (132)	58.3 (128.5)	12 (39'4")
14 (45'11")	50.5 (111.3)	49.1 (108.2)	48.1 (106)	47.1 (103.8)	45.9 (101.1)	44.6 (98.3)	43.2 (95.2)	14 (45'11")
16 (52'6")	40.2 (88.6)	38.9 (85.7)	37.9 (83.5)	37.0 (81.5)	35.8 (78.9)	34.6 (76.2)	33.3 (73.4)	16 (52'6")
18 (59'1")	32.2 (70.9)	31.0 (68.3)	30.1 (66.3)	29.2 (64.3)	28.1 (61.9)	27.1 (59.7)	25.8 (56.8)	18 (59'1")
20 (65'7")	26.3 (57.9)	25.0 (55.1)	24.2 (53.3)	23.3 (51.3)	22.3 (49.1)	21.3 (46.9)	20.0 (44)	20 (65'7")
22 (72'2")	21.6 (47.6)	20.5 (45.1)	19.6 (43.2)	18.8 (41.4)	17.8 (39.2)	16.9 (37.2)	15.7 (34.6)	22 (72'2")
24 (78'9")	17.9 (39.4)	16.8 (37)	15.9 (35)	15.0 (33)	14.1 (31)	13.2 (29.1)	12.1 (26.6)	24 (78'9")
26 (85'4")	14.7 (32.4)	13.6 (29.9)	12.9 (28.4)	12.1 (26.6)	11.2 (24.6)	10.3 (22.7)	9.2 (20.2)	26 (85'4")
28 (91'10")	12.1 (26.6)	11.1 (24.4)	10.4 (22.9)	9.6 (21.1)	8.7 (19.1)	7.9 (17.4)		28 (91'10")
30 (98'5")	10.0 (22)	9.0 (19.8)	8.2 (18)	7.5 (16.5)	6.6 (14.5)	5.8 (12.7)		30 (98'5")
32 (104'12")	8.1 (17.8)	7.1 (15.6)	6.3 (13.8)	5.6 (12.3)				32 (104'12")
34 (111'7")	6.6 (14.5)							34 (111'7")
穿绳数Number of rope	5	5	5	5	5	5	5	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition								
(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)								Unit: kg(lb)×1000
Length of boom(m)	46.5							Length of boom(m)
(ft)	(152'7")							(ft)
Length of jib(m) (ft) radius(m) (ft)	43.0 (141'1")	46.0 (150'11")	49.0 (160'9")	52.0 (170'7")	55.0 (180'5")	58.0 (190'3")	61.0 (200'2")	Length of jib(m) (ft) radius(m) (ft)
12 (39'4")	56.7 (125)	55.4 (122.1)	54.2 (119.4)	53.0 (116.8)	51.3 (113)	49.5 (109.1)	47.8 (105.3)	12 (39'4")
14 (45'11")	41.7 (91.9)	40.6 (89.5)	39.5 (87)	38.4 (84.6)	36.8 (81.1)	35.1 (77.3)	33.5 (73.8)	14 (45'11")
16 (52'6")	31.9 (70.3)	30.9 (68.1)	29.9 (65.9)	28.9 (63.7)	27.4 (60.4)	25.9 (57)	24.3 (53.5)	16 (52'6")
18 (59'1")	24.5 (54)	23.5 (51.8)	22.5 (49.6)	21.5 (47.3)	20.1 (44.3)	18.7 (41.2)	17.3 (38.1)	18 (59'1")
20 (65'7")	18.7 (41.2)	17.8 (39.2)	16.9 (37.2)	16.1 (35.4)	14.7 (32.4)	13.4 (29.5)	12.0 (26.4)	20 (65'7")
22 (72'2")	14.4 (31.7)	13.5 (29.7)	12.6 (27.7)	11.7 (25.7)				22 (72'2")
24 (78'9")	10.9 (24)	10.1 (22.2)	9.2 (20.2)	8.4 (18.5)				24 (78'9")
26 (85'4")	8.1 (17.8)							26 (85'4")
28 (91'10")								28 (91'10")
30 (98'5")								30 (98'5")
32 (104'12")								32 (104'12")
34 (111'7")								34 (111'7")
穿绳数Number of rope	5	5	5	4	4	4	4	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	49.5							Length of boom(m)
(ft)	(162'5")							(ft)
Length of jib(m) (ft) radius(m) (ft)	22.0 (72'2")	25.0 (82'0")	28.0 (91'10")	31.0 (101'8")	34.0 (111'7")	37.0 (121'5")	40.0 (131'3")	Length of jib(m) (ft) radius(m) (ft)
12 (39'4")	66.1 (145.7)	65.0 (143.2)	63.7 (140.4)	62.3 (137.3)	61.1 (134.7)	59.8 (131.8)	58.2 (128.3)	12 (39'4")
14 (45'11")	50.3 (110.8)	49.4 (108.9)	48.1 (106)	46.9 (103.3)	45.7 (100.7)	44.5 (98.1)	43.1 (95)	14 (45'11")
16 (52'6")	39.9 (87.9)	39.1 (86.1)	37.9 (83.5)	36.8 (81.1)	35.7 (78.7)	34.5 (76)	33.2 (73.1)	16 (52'6")
18 (59'1")	32.0 (70.5)	31.2 (68.7)	30.1 (66.3)	29.0 (63.9)	28.0 (61.7)	27.0 (59.5)	25.7 (56.6)	18 (59'1")
20 (65'7")	26.0 (57.3)	25.3 (55.7)	24.2 (53.3)	23.1 (50.9)	22.2 (48.9)	21.2 (46.7)	20.0 (44)	20 (65'7")
22 (72'2")	21.4 (47.1)	20.6 (45.4)	19.6 (43.2)	18.6 (41)	17.6 (38.8)	16.7 (36.8)	15.5 (34.1)	22 (72'2")
24 (78'9")	17.6 (38.8)	16.9 (37.2)	15.9 (35)	14.8 (32.6)	13.9 (30.6)	13.0 (28.6)	11.9 (26.2)	24 (78'9")
26 (85'4")	14.5 (31.9)	13.8 (30.4)	12.9 (28.4)	11.9 (26.2)	11.0 (24.2)	10.1 (22.2)	9.0 (19.8)	26 (85'4")
28 (91'10")	11.9 (26.2)	11.2 (24.6)	10.3 (22.7)	9.4 (20.7)	8.5 (18.7)	7.7 (16.9)		28 (91'10")
30 (98'5")	9.8 (21.6)	9.1 (20)	8.2 (18)	7.3 (16)	6.4 (14.1)	5.6 (12.3)		30 (98'5")
32 (104'12")	7.9 (17.4)	7.1 (15.6)	6.2 (13.6)	5.4 (11.9)				32 (104'12")
34 (111'7")	6.3 (13.8)							34 (111'7")
穿绳数Number of rope	5	5	5	5	5	5	5	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	49.5							Length of boom(m)
(ft)	(162'5")							(ft)
Length of jib(m) (ft)	43.0	46.0	49.0	52.0	55.0	58.0	61.0	Length of jib(m) (ft)
radius(m) (ft)	(141'1")	(150'11")	(160'9")	(170'7")	(180'5")	(190'3")	(200'2")	radius(m) (ft)
12 (39'4")	56.7 (125)	55.4 (122.1)	54.2 (119.4)	53.0 (116.8)	51.3 (113)	49.5 (109.1)	47.8 (105.3)	12 (39'4")
14 (45'11")	41.6 (91.7)	40.5 (89.2)	39.5 (87)	38.4 (84.6)	36.8 (81.1)	35.1 (77.3)	33.5 (73.8)	14 (45'11")
16 (52'6")	31.8 (70.1)	30.8 (67.9)	29.8 (65.6)	28.8 (63.4)	27.3 (60.1)	25.8 (56.8)	24.3 (53.5)	16 (52'6")
18 (59'1")	24.4 (53.7)	23.5 (51.8)	22.5 (49.6)	21.5 (47.3)	20.1 (44.3)	18.7 (41.2)	17.3 (38.1)	18 (59'1")
20 (65'7")	18.8 (41.4)	17.9 (39.4)	17.0 (37.4)	16.1 (35.4)	14.7 (32.4)	13.4 (29.5)	12.0 (26.4)	20 (65'7")
22 (72'2")	14.2 (31.3)	13.4 (29.5)	12.6 (27.7)	11.7 (25.7)				22 (72'2")
24 (78'9")	10.7 (23.5)	9.9 (21.8)	9.0 (19.8)	8.2 (18)				24 (78'9")
26 (85'4")	8.0 (17.6)							26 (85'4")
28 (91'10")								28 (91'10")
30 (98'5")								30 (98'5")
32 (104'12")								32 (104'12")
34 (111'7")								34 (111'7")
穿绳数 Number of rope	5	5	5	4	4	4	4	穿绳数 Number of rope

Load Charts of Boom Hook for LJ Operating condition								
(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)								Unit: kg(lb)×1000
Length of boom(m)	52.5							Length of boom(m)
(ft)	(172'3")							(ft)
Length of jib(m) (ft) radius(m) (ft)	22.0 (72'2")	25.0 (82'0")	28.0 (91'10")	31.0 (101'8")	34.0 (111'7")	37.0 (121'5")	40.0 (131'3")	Length of jib(m) (ft) radius(m) (ft)
12 (39'4")	66.4 (146.3)	64.9 (143)	63.6 (140.2)	62.3 (137.3)	61.2 (134.9)	60.0 (132.2)	58.7 (129.4)	12 (39'4")
14 (45'11")	50.6 (111.5)	49.3 (108.6)	48.1 (106)	46.9 (103.3)	45.7 (100.7)	44.4 (97.8)	43.4 (95.6)	14 (45'11")
16 (52'6")	40.2 (88.6)	39.0 (85.9)	37.8 (83.3)	36.7 (80.9)	35.6 (78.4)	34.5 (76)	33.6 (74)	16 (52'6")
18 (59'1")	32.2 (70.9)	31.0 (68.3)	29.9 (65.9)	28.9 (63.7)	27.9 (61.5)	26.9 (59.3)	26.5 (58.4)	18 (59'1")
20 (65'7")	26.2 (57.7)	26.1 (57.5)	24.5 (54)	23.0 (50.7)	22.1 (48.7)	21.1 (46.5)	20.3 (44.7)	20 (65'7")
22 (72'2")	21.6 (47.6)	20.5 (45.1)	19.5 (42.9)	18.5 (40.7)	17.5 (38.5)	16.6 (36.5)	15.8 (34.8)	22 (72'2")
24 (78'9")	17.8 (39.2)	16.8 (37)	15.8 (34.8)	14.8 (32.6)	13.9 (30.6)	13.0 (28.6)	12.3 (27.1)	24 (78'9")
26 (85'4")	14.6 (32.1)	13.6 (29.9)	12.7 (27.9)	11.7 (25.7)	10.9 (24)	10.0 (22)	9.2 (20.2)	26 (85'4")
28 (91'10")	12.0 (26.4)	11.0 (24.2)	10.1 (22.2)	9.2 (20.2)	8.3 (18.2)	7.5 (16.5)	6.7 (14.7)	28 (91'10")
30 (98'5")	9.8 (21.6)	8.9 (19.6)	8.0 (17.6)	7.1 (15.6)	6.2 (13.6)	5.4 (11.9)		30 (98'5")
32 (104'12")	7.9 (17.4)	6.9 (15.2)	6.0 (13.2)	5.2 (11.4)				32 (104'12")
34 (111'7")	6.3 (13.8)							34 (111'7")
穿绳数Number of rope	5	5	5	5	5	5	5	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	52.5							Length of boom(m)
(ft)	(172'3")							(ft)
Length of jib(m) (ft)	43.0	46.0	49.0	52.0	55.0	58.0	61.0	Length of jib(m) (ft)
radius(m) (ft)	(141'1")	(150'11")	(160'9")	(170'7")	(180'5")	(190'3")	(200'2")	radius(m) (ft)
12	57.5	56.0	54.5	53.0	51.3	49.7	48.0	12
(39'4")	(126.7)	(123.4)	(120.1)	(116.8)	(113)	(109.5)	(105.8)	(39'4")
14	42.4	41.1	39.7	38.4	36.8	35.3	33.7	14
(45'11")	(93.4)	(90.6)	(87.5)	(84.6)	(81.1)	(77.8)	(74.2)	(45'11")
16	32.6	31.3	30.1	28.8	27.3	25.9	24.4	16
(52'6")	(71.8)	(69)	(66.3)	(63.4)	(60.1)	(57)	(53.7)	(52'6")
18	26.1	24.5	23.0	21.5	20.1	18.7	17.4	18
(59'1")	(57.5)	(54)	(50.7)	(47.3)	(44.3)	(41.2)	(38.3)	(59'1")
20	19.4	18.2	17.1	16.0	14.6	13.3	12.0	20
(65'7")	(42.7)	(40.1)	(37.6)	(35.2)	(32.1)	(29.3)	(26.4)	(65'7")
22	14.9	13.9	12.9	11.8	10.5	9.3	8.0	22
(72'2")	(32.8)	(30.6)	(28.4)	(26)	(23.1)	(20.5)	(17.6)	(72'2")
24	11.5	10.4	9.3	8.3				24
(78'9")	(25.3)	(22.9)	(20.5)	(18.2)				(78'9")
26	8.4							26
(85'4")	(18.5)							(85'4")
28	6.0							28
(91'10")	(13.2)							(91'10")
30								30
(98'5")								(98'5")
32								32
(104'12")								(104'12")
34								34
(111'7")								(111'7")
穿绳数Number of rope	5	5	5	4	4	4	4	穿绳数

Load Charts of Boom Hook for LJ Operating condition								
(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)								Unit: kg(lb)×1000
Length of boom(m)	55.5							Length of boom(m)
(ft)	(182'1")							(ft)
Length of jib(m) (ft) radius(m) (ft)	22.0 (72'2")	25.0 (82'0")	28.0 (91'10")	31.0 (101'8")	34.0 (111'7")	37.0 (121'5")	40.0 (131'3")	Length of jib(m) (ft) radius(m) (ft)
14 (45'11")	50.7 (111.7)	49.4 (108.9)	48.2 (106.2)	47.0 (103.6)	45.8 (100.9)	44.6 (98.3)	43.6 (96.1)	14 (45'11")
16 (52'6")	40.3 (88.8)	39.0 (85.9)	37.9 (83.5)	36.8 (81.1)	35.7 (78.7)	34.5 (76)	33.6 (74)	16 (52'6")
18 (59'1")	32.2 (70.9)	32.0 (70.5)	30.5 (67.2)	28.9 (63.7)	27.9 (61.5)	26.9 (59.3)	26.0 (57.3)	18 (59'1")
20 (65'7")	26.2 (57.7)	25.0 (55.1)	24.0 (52.9)	23.0 (50.7)	22.1 (48.7)	21.1 (46.5)	20.3 (44.7)	20 (65'7")
22 (72'2")	21.5 (47.3)	20.4 (44.9)	19.4 (42.7)	18.5 (40.7)	17.6 (38.8)	16.7 (36.8)	15.9 (35)	22 (72'2")
24 (78'9")	17.8 (39.2)	16.7 (36.8)	15.7 (34.6)	14.7 (32.4)	13.8 (30.4)	12.9 (28.4)	12.2 (26.8)	24 (78'9")
26 (85'4")	14.6 (32.1)	13.6 (29.9)	12.7 (27.9)	11.7 (25.7)	10.9 (24)	10.0 (22)	9.2 (20.2)	26 (85'4")
28 (91'10")	12.0 (26.4)	11.0 (24.2)	10.1 (22.2)	9.2 (20.2)	8.4 (18.5)	7.6 (16.7)	6.8 (14.9)	28 (91'10")
30 (98'5")	9.8 (21.6)	8.8 (19.4)	7.9 (17.4)	7.1 (15.6)	6.3 (13.8)	5.5 (12.1)		30 (98'5")
32 (104'12")	7.9 (17.4)	6.9 (15.2)	6.0 (13.2)	5.2 (11.4)	2.6 (5.7)			32 (104'12")
34 (111'7")	6.3 (13.8)							34 (111'7")
穿绳数Number of rope	4	4	4	4	4	4	4	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	55.5							Length of boom(m)
(ft)	(182'1")							(ft)
Length of jib(m) (ft)	43.0	46.0	49.0	52.0	55.0	58.0	61.0	Length of jib(m) (ft)
radius(m) (ft)	(141'1")	(150'11")	(160'9")	(170'7")	(180'5")	(190'3")	(200'2")	radius(m) (ft)
14 (45'11")	42.6 (93.9)	41.3 (91)	40.0 (88.1)	38.7 (85.3)	37.7 (83.1)	36.8 (81.1)	35.8 (78.9)	14 (45'11")
16 (52'6")	32.7 (72)	31.5 (69.4)	30.3 (66.7)	29.1 (64.1)	29.1 (64.1)	29.1 (64.1)	29.1 (64.1)	16 (52'6")
18 (59'1")	25.1 (55.3)	24.0 (52.9)	22.9 (50.4)	21.7 (47.8)	21.7 (47.8)	21.7 (47.8)	21.7 (47.8)	18 (59'1")
20 (65'7")	19.4 (42.7)	18.3 (40.3)	17.2 (37.9)	16.2 (35.7)	16.1 (35.4)	16.0 (35.2)	15.9 (35)	20 (65'7")
22 (72'2")	15.0 (33)	14.0 (30.8)	12.9 (28.4)	11.8 (26)	11.6 (25.5)	11.4 (25.1)	11.2 (24.6)	22 (72'2")
24 (78'9")	11.4 (25.1)	10.4 (22.9)	9.4 (20.7)	8.4 (18.5)	8.0 (17.6)	7.6 (16.7)	7.2 (15.8)	24 (78'9")
26 (85'4")	8.5 (18.7)							26 (85'4")
28 (91'10")	6.1 (13.4)							28 (91'10")
30 (98'5")								30 (98'5")
32 (104'12")								32 (104'12")
34 (111'7")								34 (111'7")
穿绳数Number of rope	4	4	4	3				穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	58.5							Length of boom(m)
(ft)	(191'11")							(ft)
Length of jib(m) (ft)	22.0	25.0	28.0	31.0	34.0	37.0	40.0	Length of jib(m) (ft)
radius(m) (ft)	(72'2")	(82'0")	(91'10")	(101'8")	(111'7")	(121'5")	(131'3")	radius(m) (ft)
14 (45'11")	50.7 (111.7)	49.4 (108.9)	48.2 (106.2)	47.0 (103.6)	46.2 (101.8)	45.5 (100.3)	44.1 (97.2)	14 (45'11")
16 (52'6")	40.3 (88.8)	39.1 (86.1)	37.9 (83.5)	36.8 (81.1)	36.1 (79.5)	35.4 (78)	34.1 (75.1)	16 (52'6")
18 (59'1")	32.2 (70.9)	31.1 (68.5)	30.0 (66.1)	28.9 (63.7)	28.2 (62.1)	27.6 (60.8)	26.4 (58.2)	18 (59'1")
20 (65'7")	26.2 (57.7)	25.0 (55.1)	24.1 (53.1)	23.1 (50.9)	22.5 (49.6)	21.8 (48)	20.7 (45.6)	20 (65'7")
22 (72'2")	21.5 (47.3)	20.5 (45.1)	19.5 (42.9)	18.6 (41)	17.9 (39.4)	17.3 (38.1)	16.2 (35.7)	22 (72'2")
24 (78'9")	17.8 (39.2)	16.8 (37)	15.8 (34.8)	14.8 (32.6)	14.2 (31.3)	13.6 (29.9)	12.6 (27.7)	24 (78'9")
26 (85'4")	14.5 (31.9)	13.5 (29.7)	12.6 (27.7)	11.7 (25.7)	11.1 (24.4)	10.5 (23.1)	9.5 (20.9)	26 (85'4")
28 (91'10")	11.9 (26.2)	11.0 (24.2)	10.1 (22.2)	9.2 (20.2)	8.6 (18.9)	8.1 (17.8)	7.1 (15.6)	28 (91'10")
30 (98'5")	9.7 (21.3)	8.7 (19.1)	7.8 (17.1)	7.0 (15.4)	6.5 (14.3)	6.0 (13.2)		30 (98'5")
32 (104'12")	7.9 (17.4)	6.9 (15.2)	6.0 (13.2)	5.2 (11.4)				32 (104'12")
34 (111'7")	6.2 (13.6)							34 (111'7")
穿绳数Number of rope	4	4	4	4	4	4	4	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	58.5							Length of boom(m)
(ft)	(191'11")							(ft)
Length of jib(m) (ft)	43.0	46.0	49.0	52.0	55.0	58.0	61.0	Length of jib(m) (ft)
radius(m) (ft)	(141'1")	(150'11")	(160'9")	(170'7")	(180'5")	(190'3")	(200'2")	radius(m) (ft)
14 (45'11")	42.7 (94.1)	41.4 (91.2)	40.1 (88.4)	38.8 (85.5)	36.4 (80.2)	34.0 (74.9)	31.6 (69.6)	14 (45'11")
16 (52'6")	32.8 (72.3)	31.6 (69.6)	30.4 (67)	29.2 (64.3)	28.4 (62.6)	27.6 (60.8)	26.8 (59)	16 (52'6")
18 (59'1")	25.3 (55.7)	24.1 (53.1)	23.0 (50.7)	21.8 (48)	21.7 (47.8)	21.6 (47.6)	21.4 (47.1)	18 (59'1")
20 (65'7")	19.6 (43.2)	18.5 (40.7)	17.4 (38.3)	16.3 (35.9)	16.1 (35.4)	15.9 (35)	15.6 (34.3)	20 (65'7")
22 (72'2")	15.2 (33.5)	14.1 (31)	13.0 (28.6)	11.9 (26.2)	11.6 (25.5)	11.3 (24.9)	10.9 (24)	22 (72'2")
24 (78'9")	11.5 (25.3)	10.5 (23.1)	9.6 (21.1)	8.6 (18.9)	8.1 (17.8)	7.7 (16.9)	7.2 (15.8)	24 (78'9")
26 (85'4")	8.5 (18.7)							26 (85'4")
28 (91'10")	6.1 (13.4)							28 (91'10")
30 (98'5")								30 (98'5")
32 (104'12")								32 (104'12")
34 (111'7")								34 (111'7")
穿绳数Number of rope	4	4	4	3				穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

Unit: kg(lb)×1000

Length of boom(m)	61.5							Length of boom(m)
(ft)	(201'9")							(ft)
Length of jib(m) (ft) radius(m) (ft)	31.0 (101'8")	37.0 (121'5")	40.0 (131'3")	43.0 (141'1")	46.0 (150'11")	49.0 (160'9")	52.0 (170'7")	Length of jib(m) (ft) radius(m) (ft)
14 (45'11")	46.7 (102.9)	45.1 (99.4)	43.8 (96.5)	42.5 (93.6)	41.2 (90.8)	39.9 (87.9)	38.6 (85)	14 (45'11")
16 (52'6")	36.6 (80.6)	35.1 (77.3)	33.9 (74.7)	32.6 (71.8)	31.4 (69.2)	30.2 (66.5)	29.0 (63.9)	16 (52'6")
18 (59'1")	28.7 (63.2)	27.5 (60.6)	26.3 (57.9)	25.0 (55.1)	23.9 (52.6)	22.8 (50.2)	21.6 (47.6)	18 (59'1")
20 (65'7")	22.8 (50.2)	21.6 (47.6)	20.5 (45.1)	19.4 (42.7)	18.3 (40.3)	17.2 (37.9)	16.2 (35.7)	20 (65'7")
22 (72'2")	18.3 (40.3)	17.1 (37.6)	16.0 (35.2)	14.8 (32.6)	13.8 (30.4)	12.8 (28.2)	11.8 (26)	22 (72'2")
24 (78'9")	14.5 (31.9)	13.4 (29.5)	12.4 (27.3)	11.3 (24.9)	10.3 (22.7)	9.3 (20.5)	8.3 (18.2)	24 (78'9")
26 (85'4")	11.5 (25.3)	10.3 (22.7)	9.3 (20.5)	8.4 (18.5)				26 (85'4")
28 (91'10")	8.9 (19.6)	7.8 (17.1)						28 (91'10")
30 (98'5")	6.8 (14.9)	5.7 (12.5)						30 (98'5")
32 (104'12")	4.8 (10.5)							32 (104'12")
穿绳数Number of rope	4	4	4	4	4	3	3	穿绳数Number of rope

Load Charts of Boom Hook for LJ Operating condition

(not including Jib hook, counterweight (187.8+12.8)×1000lbs, angle between boom and jib 23°)

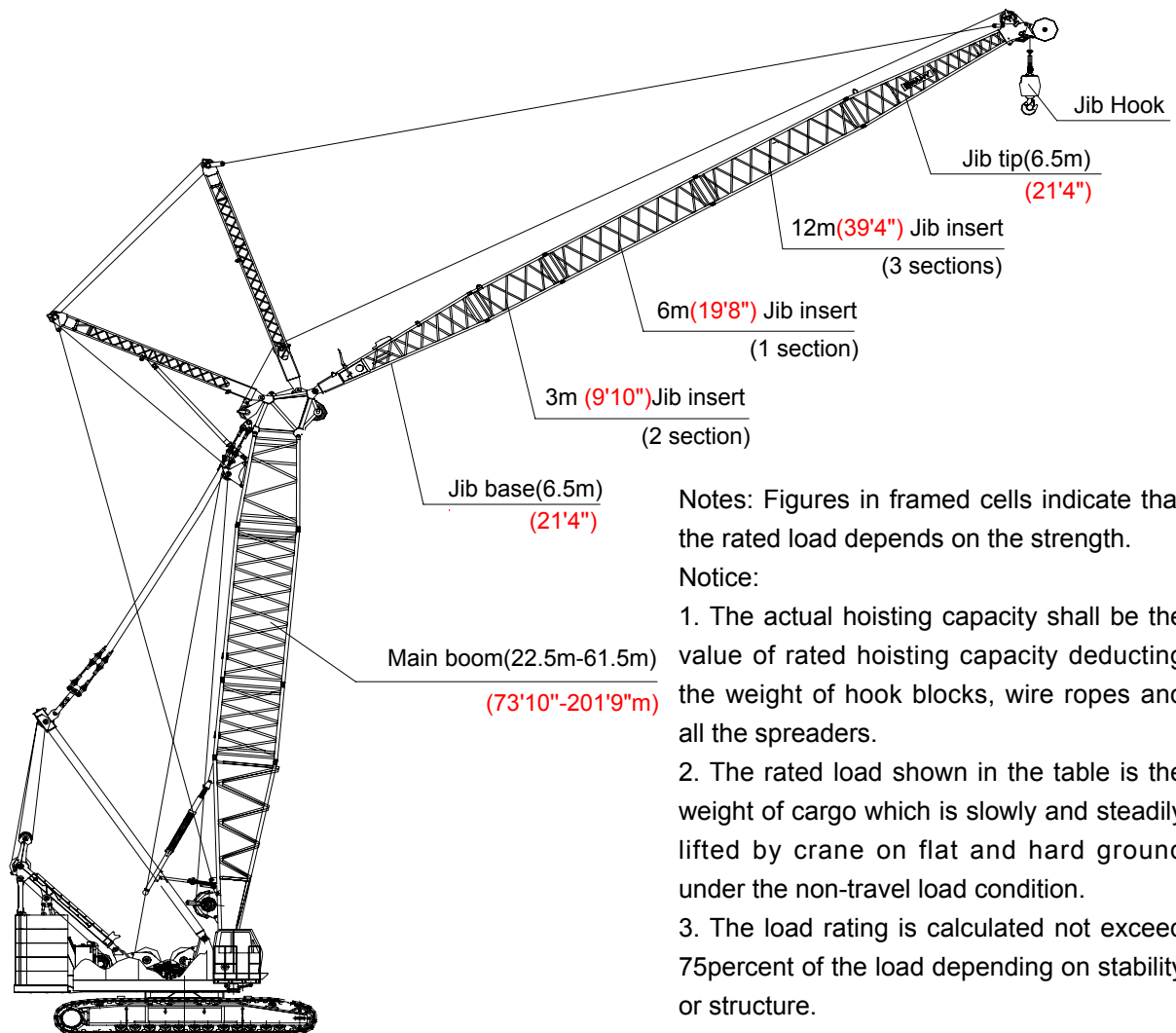
Unit: kg(lb)×1000

Length of boom(m)	61.5						Length of boom(m)
(ft)	(201'9")						(ft)
Length of jib(m) (ft) radius(m) (ft)	55.0 (180'5")	58.0 (190'3")	61.0 (200'2")				Length of jib(m) (ft) radius(m) (ft)
14 (45'11")	35.5 (78.2)	32.4 (71.4)	29.3 (64.5)				14 (45'11")
16 (52'6")	28.0 (61.7)	26.9 (59.3)	25.9 (57)				16 (52'6")
18 (59'1")	21.5 (47.3)	21.4 (47.1)	21.3 (46.9)				18 (59'1")
20 (65'7")	15.9 (35)	15.7 (34.6)	15.5 (34.1)				20 (65'7")
22 (72'2")	11.5 (25.3)	11.2 (24.6)	10.9 (24)				22 (72'2")
24 (78'9")	7.9 (17.4)	7.6 (16.7)	7.2 (15.8)				24 (78'9")
26 (85'4")							26 (85'4")
28 (91'10")							28 (91'10")
30 (98'5")							30 (98'5")
32 (104'12")							32 (104'12")
穿绳数Number of rope	3						穿绳数Number of rope

4.7 Load Charts of Jib Hook for LJ Operating Condition

Combination of Luffing Jib

Jib Length (m)(ft)	Jib Insert (m)(ft)			Boom Length (m)(ft)	Boom Angle
	3(9'10")	6(19'8")	12(39'4")		
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°



Notes: Figures in framed cells indicate that the rated load depends on the strength.

Notice:

1. The actual hoisting capacity shall be the value of rated hoisting capacity deducting the weight of hook blocks, wire ropes and all the spreaders.
2. The rated load shown in the table is the weight of cargo which is slowly and steadily lifted by crane on flat and hard ground under the non-travel load condition.
3. The load rating is calculated not exceed 75percent of the load depending on stability or structure.

LJ Operating Condition

Notes: The grey filling part specified in the above table is determined by strength.
 Notice: 1. the actual hoisting capacity shall be the value of rated hoisting capacity deducting the weight of hook blocks, wire ropes and all the spreaders.
 2. The rated load shown in the table is the weight of cargo which is slowly and steadily lifted by crane on flat and hard ground under the non-travel load condition.
 3. The load rating is calculated not exceed 75percent of the load depending on stability or structure.

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg/((187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom(m) (ft)	22.5 (73'10")											
	22 (72'2")						25 (82'0")					
Length of luffing jib(m) (ft)												
Boom angle(°)												
Radius(m) (ft)	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")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	22.5 (73'10")											
	28 (91'10")						31 (101'8")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
9.8 (32'2")												
10 (32'10")												
12 (39'4")	62.6 (138)						62.6 (138)					
14 (45'11")	56.2 (123.8)						56.2 (123.8)					
16 (52'6")	48.6 (107.1)	54.9 (121)					48.8 (107.5)					
18 (59'1")	41.0 (90.3)	48.3 (106.4)					41.1 (90.6)	48.3 (106.4)				
20 (65'7")	35.2 (77.6)	41.1 (90.6)	42.2 (93)				35.4 (78)	41.5 (91.4)				
22 (72'2")	30.8 (67.9)	35.4 (78)	37.4 (82.4)				30.9 (68.1)	35.7 (78.7)	37.2 (82)			
24 (78'9")	27.2 (59.9)	30.9 (68.1)	33.5 (73.8)	32.8 (72.3)			27.3 (60.1)	31.2 (68.7)	33.4 (73.6)			
26 (85'4")	24.2 (53.3)	27.3 (60.1)	30.3 (66.7)	29.6 (65.2)			24.4 (53.7)	27.6 (60.8)	30.2 (66.5)	29.5 (65)		
28 (91'10")	21.7 (47.8)	24.0 (52.9)	27.2 (59.9)	26.9 (59.3)	26.0 (57.3)		21.9 (48.2)	24.7 (54.4)	27.3 (60.1)	26.8 (59)		
30 (98'5")	19.7 (43.4)	22.0 (48.5)	24.2 (53.3)	24.7 (54.4)	24.0 (52.9)		19.9 (43.8)	22.2 (48.9)	24.4 (53.7)	24.7 (54.4)	23.9 (52.6)	
32 (104'12")		19.8 (43.6)	21.6 (47.6)	22.8 (50.2)	22.2 (48.9)	21.3 (46.9)	16.7 (36.8)	20.1 (44.3)	21.9 (48.2)	22.7 (50)	22.0 (48.5)	
34 (111'7")			19.6 (43.2)	21.0 (46.2)	20.6 (45.4)	20.1 (44.3)		17.6 (38.8)	19.9 (43.8)	21.1 (46.5)	20.4 (44.9)	20.0 (44)
36 (118'1")				19.4 (42.7)	19.2 (42.3)	18.7 (41.2)			18.1 (39.9)	19.6 (43.2)	19.0 (41.8)	18.6 (41)
38 (124'8")					17.9 (39.4)	17.4 (38.3)				18.3 (40.3)	17.7 (39)	17.3 (38.1)
40 (131'3")						16.2 (35.7)					16.6 (36.5)	16.2 (35.7)
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 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	22.5 (73'10")											
	34 (111'7")						37 (121'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)												
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
9.8 (32'2")												
10 (32'10")												
12 (39'4")												
14 (45'11")	48.8 (107.5)						41.3 (91)					
16 (52'6")	44.9 (98.9)						41.0 (90.3)					
18 (59'1")	39.5 (87)	46.5 (102.5)					37.9 (83.5)					
20 (65'7")	35.3 (77.8)	39.7 (87.5)					35.3 (77.8)	37.8 (83.3)				
22 (72'2")	31.4 (69.2)	35.5 (78.2)					31.8 (70.1)	35.3 (77.8)				
24 (78'9")	27.7 (61)	31.5 (69.4)	33.4 (73.6)				28.2 (62.1)	31.8 (70.1)	33.4 (73.6)			
26 (85'4")	24.7 (54.4)	27.9 (61.5)	30.2 (66.5)				25.1 (55.3)	28.2 (62.1)	30.2 (66.5)			
28 (91'10")	22.3 (49.1)	24.9 (54.8)	27.4 (60.4)	26.8 (59)			22.6 (49.8)	25.1 (55.3)	27.5 (60.6)	26.8 (59)		
30 (98'5")	20.2 (44.5)	22.4 (49.3)	24.7 (54.4)	24.6 (54.2)			20.5 (45.1)	22.6 (49.8)	25.1 (55.3)	24.6 (54.2)		
32 (104'12")	17.7 (39)	20.3 (44.7)	22.3 (49.1)	22.7 (50)	21.8 (48)		18.7 (41.2)	20.5 (45.1)	22.6 (49.8)	22.6 (49.8)		
34 (111'7")	16.0 (35.2)	18.2 (40.1)	20.2 (44.5)	21.1 (46.5)	20.4 (44.9)		17.0 (37.4)	18.7 (41.2)	20.5 (45.1)	21.0 (46.2)	20.4 (44.9)	
36 (118'1")		16.5 (36.3)	18.4 (40.5)	19.5 (42.9)	19.0 (41.8)	18.5 (40.7)	15.6 (34.3)	17.1 (37.6)	18.7 (41.2)	19.5 (42.9)	19.0 (41.8)	
38 (124'8")			16.7 (36.8)	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")				17.0 (37.4)	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")					15.6 (34.3)	15.2 (33.5)			14.5 (31.9)	15.7 (34.6)	15.6 (34.3)	15.2 (33.5)
44 (144'4")					14.3 (31.5)	14.3 (31.5)				14.5 (31.9)	14.7 (32.4)	14.3 (31.5)
46 (150'11")											13.9 (30.6)	13.5 (29.7)
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	22.5 (73'10")											
	40 (131'3")						43 (141'1")					
Length of luffing jib(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
Boom angle(°)												
Radius(m) (ft)												
9.8 (32'2")												
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")	35.6 (78.4)						30.2 (66.5)					
18 (59'1")	33.1 (72.9)						28.3 (62.3)					
20 (65'7")	30.7 (67.6)						26.1 (57.5)					
22 (72'2")	28.1 (61.9)	30.2 (66.5)					24.3 (53.5)	25.1 (55.3)				
24 (78'9")	25.4 (55.9)	27.6 (60.8)					22.6 (49.8)	23.5 (51.8)				
26 (85'4")	23.2 (51.1)	25.0 (55.1)	27.2 (59.9)				21.3 (46.9)	21.9 (48.2)	24.2 (53.3)			
28 (91'10")	21.3 (46.9)	22.8 (50.2)	25.1 (55.3)				20.0 (44)	20.6 (45.4)	22.6 (49.8)			
30 (98'5")	19.7 (43.4)	21.1 (46.5)	23.2 (51.1)				18.9 (41.6)	19.5 (42.9)	21.2 (46.7)			
32 (104'12")	18.3 (40.3)	19.5 (42.9)	21.3 (46.9)	21.6 (47.6)			17.9 (39.4)	18.5 (40.7)	20.0 (44)	20.6 (45.4)		
34 (111'7")	17.0 (37.4)	18.1 (39.9)	19.7 (43.4)	20.2 (44.5)			16.9 (37.2)	17.4 (38.3)	19.0 (41.8)	19.5 (42.9)		
36 (118'1")	15.6 (34.3)	16.9 (37.2)	18.3 (40.3)	18.9 (41.6)	18.8 (41.4)		15.6 (34.3)	16.6 (36.5)	18.0 (39.6)	18.4 (40.5)	18.7 (41.2)	
38 (124'8")	13.9 (30.6)	15.8 (34.8)	17.1 (37.6)	17.9 (39.4)	17.6 (38.8)		14.4 (31.7)	15.8 (34.8)	17.0 (37.4)	17.4 (38.3)	17.4 (38.3)	
40 (131'3")	12.1 (26.6)	14.3 (31.5)	15.7 (34.6)	16.9 (37.2)	16.5 (36.3)		13.3 (29.3)	14.7 (32.4)	15.6 (34.3)	16.6 (36.5)	16.3 (35.9)	
42 (137'10")		13.0 (28.6)	14.4 (31.7)	15.8 (34.8)	15.5 (34.1)	15.1 (33.2)	12.1 (26.6)	13.6 (29.9)	14.4 (31.7)	15.9 (35)	15.3 (33.7)	15.0 (33)
44 (144'4")			13.0 (28.6)	14.6 (32.1)	14.5 (31.9)	14.2 (31.3)	10.5 (23.1)	12.5 (27.5)	13.4 (29.5)	14.7 (32.4)	14.4 (31.7)	14.1 (31)
46 (150'11")				13.5 (29.7)	13.7 (30.2)	13.4 (29.5)		11.2 (24.6)	12.3 (27.1)	13.7 (30.2)	13.6 (29.9)	13.3 (29.3)
48 (157'6")					12.9 (28.4)	12.6 (27.7)			11.5 (25.3)	12.6 (27.7)	12.9 (28.4)	12.5 (27.5)
50 (164'0")						12.0 (26.4)				11.7 (25.7)	12.2 (26.8)	11.9 (26.2)
52 (170'7")												11.3 (24.9)
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	22.5 (73'10")											
	46 (150'11")						49 (160'9")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
9.8 (32'2")												
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")	24.9 (54.8)						21.5 (47.3)					
20 (65'7")	23.0 (50.7)						19.8 (43.6)					
22 (72'2")	21.3 (46.9)						18.4 (40.5)					
24 (78'9")	19.9 (43.8)	20.8 (45.8)					17.1 (37.6)	18.1 (39.9)				
26 (85'4")	18.7 (41.2)	19.4 (42.7)					16.0 (35.2)	16.8 (37)				
28 (91'10")	17.5 (38.5)	18.2 (40.1)					15.0 (33)	15.8 (34.8)				
30 (98'5")	16.5 (36.3)	17.2 (37.9)	18.6 (41)				14.1 (31)	14.9 (32.8)	16.0 (35.2)			
32 (104'12")	15.6 (34.3)	16.2 (35.7)	17.5 (38.5)	17.7 (39)			13.3 (29.3)	14.0 (30.8)	15.0 (33)			
34 (111'7")	14.8 (32.6)	15.3 (33.7)	16.6 (36.5)	17.0 (37.4)			12.6 (27.7)	13.2 (29.1)	14.1 (31)			
36 (118'1")	13.7 (30.2)	14.6 (32.1)	15.6 (34.3)	16.2 (35.7)			11.7 (25.7)	12.5 (27.5)	13.3 (29.3)	13.9 (30.6)		
38 (124'8")	12.7 (27.9)	13.8 (30.4)	14.8 (32.6)	15.3 (33.7)			11.0 (24.2)	11.8 (26)	12.6 (27.7)	13.2 (29.1)		
40 (131'3")	11.8 (26)	12.9 (28.4)	13.7 (30.2)	14.6 (32.1)			10.3 (22.7)	11.1 (24.4)	11.7 (25.7)	12.5 (27.5)		
42 (137'10")	10.8 (23.8)	12.0 (26.4)	12.7 (27.9)	13.9 (30.6)	13.6 (29.9)		9.6 (21.1)	10.4 (22.9)	11.0 (24.2)	11.8 (26)	12.0 (26.4)	
44 (144'4")	9.6 (21.1)	11.2 (24.6)	11.8 (26)	12.9 (28.4)	12.9 (28.4)		8.7 (19.1)	9.8 (21.6)	10.3 (22.7)	11.1 (24.4)	11.3 (24.9)	
46 (150'11")		10.1 (22.2)	11.0 (24.2)	12.0 (26.4)	12.1 (26.6)			9.0 (19.8)	9.7 (21.3)	10.4 (22.9)	10.7 (23.5)	
48 (157'6")			10.3 (22.7)	11.2 (24.6)	11.5 (25.3)	11.4 (25.1)			9.1 (20)	9.8 (21.6)	10.1 (22.2)	10.3 (22.7)
50 (164'0")			9.5 (20.9)	10.5 (23.1)	10.9 (24)	10.9 (24)			8.5 (18.7)	9.2 (20.2)	9.7 (21.3)	9.8 (21.6)
52 (170'7")				9.4 (20.7)	10.2 (22.4)	10.3 (22.7)				8.5 (18.7)	9.3 (20.5)	9.4 (20.7)
54 (177'2")					9.4 (20.7)	9.6 (21.1)					8.4 (18.5)	9.0 (19.8)
56 (183'9")						9.2 (20.2)						8.3 (18.2)
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom(m) (ft)	22.5 (73'10")											
	52 (170'7")						55 (180'5")					
Length of luffing jib(m) (ft)	52 (170'7")						55 (180'5")					
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
9.8 (32'2")												
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")	18.1 (39.9)											
20 (65'7")	16.6 (36.5)						14.4 (31.7)					
22 (72'2")	15.4 (33.9)						13.4 (29.5)					
24 (78'9")	14.4 (31.7)	15.4 (33.9)					12.4 (27.3)					
26 (85'4")	13.4 (29.5)	14.3 (31.5)					11.6 (25.5)					
28 (91'10")	12.5 (27.5)	13.4 (29.5)					10.8 (23.8)	11.6 (25.5)				
30 (98'5")	11.7 (25.7)	12.5 (27.5)	13.4 (29.5)				10.1 (22.2)	10.8 (23.8)				
32 (104'12")	11.0 (24.2)	11.7 (25.7)	12.4 (27.3)	12.0 (26.4)			9.5 (20.9)	10.1 (22.2)				
34 (111'7")	10.4 (22.9)	11.0 (24.2)	11.7 (25.7)				8.8 (19.4)	9.5 (20.9)	10.1 (22.2)			
36 (118'1")	9.8 (21.6)	10.4 (22.9)	11.0 (24.2)	11.7 (25.7)			8.2 (18)	8.8 (19.4)	9.5 (20.9)			
38 (124'8")	9.3 (20.5)	9.8 (21.6)	10.4 (22.9)	11.0 (24.2)			7.6 (16.7)	8.2 (18)	8.8 (19.4)			
40 (131'3")	8.8 (19.4)	9.3 (20.5)	9.8 (21.6)	10.4 (22.9)			7.1 (15.6)	7.6 (16.7)	8.2 (18)			
42 (137'10")	8.3 (18.2)	8.8 (19.4)	9.3 (20.5)	9.8 (21.6)	10.3 (22.7)		6.6 (14.5)	7.1 (15.6)	7.6 (16.7)	8.2 (18)		
44 (144'4")	7.9 (17.4)	8.4 (18.5)	8.8 (19.4)	9.3 (20.5)	9.8 (21.6)		6.2 (13.6)	6.7 (14.7)	7.1 (15.6)	7.6 (16.7)		
46 (150'11")	7.2 (15.8)	8.0 (17.6)	8.4 (18.5)	8.8 (19.4)	9.3 (20.5)		5.6 (12.3)	6.2 (13.6)	6.7 (14.7)	7.1 (15.6)	6.2 (13.6)	
48 (157'6")	7.1 (15.6)	7.5 (16.5)	8.0 (17.6)	8.4 (18.5)	8.8 (19.4)	9.2 (20.2)	5.4 (11.9)	5.8 (12.7)	6.2 (13.6)	6.6 (14.5)	5.8 (12.7)	
50 (164'0")	6.8 (14.9)	7.1 (15.6)	7.5 (16.5)	8.0 (17.6)	8.4 (18.5)	8.8 (19.4)	5.0 (11)	5.4 (11.9)	5.8 (12.7)	6.2 (13.6)	5.6 (12.3)	
52 (170'7")	6.5 (14.3)	6.8 (14.9)	7.2 (15.8)	7.5 (16.5)	8.0 (17.6)	8.4 (18.5)		5.0 (11)	5.4 (11.9)	5.8 (12.7)	5.3 (11.6)	
54 (177'2")		6.6 (14.5)	6.9 (15.2)	7.2 (15.8)	7.5 (16.5)	8.0 (17.6)			5.0 (11)	5.4 (11.9)	5.0 (11)	
56 (183'9")			6.6 (14.5)	6.9 (15.2)	7.2 (15.8)	7.5 (16.5)					5.1 (11.2)	4.8 (10.5)
58 (190'3")				6.6 (14.5)	6.9 (15.2)	7.2 (15.8)					4.1 (9)	4.6 (10.1)
60 (196'10")					6.6 (14.5)	6.9 (15.2)						4.2 (9.2)
62 (203'5")						6.7 (14.7)						
64 (209'12")												
66 (216'6")												
68 (223'1")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight $(85.2+5.8) \times 1000 \text{kg} / ((187.8+12.8) \times 1000 \text{lb})$

Unit: $\text{kg}(\text{lb}) \times 1000$

Length of main boom(m) (ft)	22.5 (73'10")											
	58 (190'3")						61 (200'2")					
Length of luffing jib(m) (ft)	58 (190'3")						61 (200'2")					
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
9.8 (32'2")												
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	12.2 (26.8)						10.0 (22)					
22 (72'2")	11.3 (24.9)						9.3 (20.5)					
24 (78'9")	10.5 (23.1)						8.6 (18.9)					
26 (85'4")	9.8 (21.6)						8.0 (17.6)					
28 (91'10")	9.1 (20)	9.8 (21.6)					7.3 (16)	8.0 (17.6)				
30 (98'5")	8.5 (18.7)	9.1 (20)					6.8 (14.9)	7.3 (16)				
32 (104'12")	7.9 (17.4)	8.5 (18.7)					6.3 (13.8)	6.8 (14.9)				
34 (111'7")	7.2 (15.8)	7.9 (17.4)	8.5 (18.7)				5.6 (12.3)	6.3 (13.8)	6.8 (14.9)			
36 (118'1")	6.5 (14.3)	7.2 (15.8)	7.9 (17.4)				4.9 (10.8)	5.6 (12.3)	6.3 (13.8)			
38 (124'8")	6.0 (13.2)	6.5 (14.3)	7.2 (15.8)				4.3 (9.4)	4.9 (10.8)	5.6 (12.3)			
40 (131'3")	5.4 (11.9)	6.0 (13.2)	6.5 (14.3)				3.8 (8.3)	4.3 (9.4)	4.9 (10.8)			
42 (137'10")	4.9 (10.8)	5.4 (11.9)	6.0 (13.2)	6.5 (14.3)			3.3 (7.2)	3.8 (8.3)	4.3 (9.4)	4.9 (10.8)		
44 (144'4")	4.5 (9.9)	5.0 (11)	5.4 (11.9)	6.0 (13.2)			2.8 (6.1)	3.3 (7.2)	3.8 (8.3)	4.3 (9.4)		
46 (150'11")	4.0 (8.8)	4.5 (9.9)	5.0 (11)	5.4 (11.9)			2.3 (5)	2.8 (6.1)	3.3 (7.2)	3.7 (8.1)		
48 (157'6")	3.6 (7.9)	4.1 (9)	4.5 (9.9)	4.9 (10.8)			1.8 (3.9)	2.3 (5)	2.8 (6.1)	3.2 (7)		
50 (164'0")	3.1 (6.8)	3.6 (7.9)	4.1 (9)	4.5 (9.9)				1.8 (3.9)	2.3 (5)	2.8 (6.1)		
52 (170'7")		3.1 (6.8)	3.6 (7.9)	4.0 (8.8)					1.8 (3.9)	2.2 (4.8)		
54 (177'2")			3.2 (7)	3.6 (7.9)						1.8 (3.9)		
56 (183'9")				3.2 (7)								
58 (190'3")				2.9 (6.3)								
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg/((187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom(m) (ft)	25.5 (83'8")											
	22 (72'2")						25 (82'0")					
Length of luffing jib(m) (ft)												
Boom angle(°)												
Radius(m) (ft)	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")												
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 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	25.5 (83'8")											
	28 (91'10")						31 (101'8")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")	62.6 (138)						62.6 (138)					
14 (45'11")	56.5 (124.5)						56.5 (124.5)					
16 (52'6")	49.0 (108)						49.2 (108.4)					
18 (59'1")	41.3 (91)	47.5 (104.7)					41.4 (91.2)	47.3 (104.2)				
20 (65'7")	35.4 (78)	41.8 (92.1)					35.6 (78.4)	42.0 (92.5)				
22 (72'2")	31.0 (68.3)	36.3 (80)	37.1 (81.7)				31.1 (68.5)	36.6 (80.6)	36.9 (81.3)			
24 (78'9")	27.3 (60.1)	31.6 (69.6)	33.2 (73.1)				27.4 (60.4)	31.9 (70.3)	33.0 (72.7)			
26 (85'4")	24.2 (53.3)	27.9 (61.5)	30.0 (66.1)	29.2 (64.3)			24.5 (54)	28.3 (62.3)	29.9 (65.9)	29.1 (64.1)		
28 (91'10")		24.8 (54.6)	27.4 (60.4)	26.5 (58.4)			22.0 (48.5)	25.2 (55.5)	27.2 (59.9)	26.4 (58.2)		
30 (98'5")		22.1 (48.7)	24.9 (54.8)	24.4 (53.7)			19.9 (43.8)	22.6 (49.8)	25.0 (55.1)	24.3 (53.5)	23.4 (51.5)	
32 (104'12")		19.9 (43.8)	22.3 (49.1)	22.5 (49.6)	21.7 (47.8)		17.1 (37.6)	20.4 (44.9)	22.6 (49.8)	22.4 (49.3)	21.5 (47.3)	
34 (111'7")			20.1 (44.3)	20.5 (45.1)	20.1 (44.3)	19.5 (42.9)		18.5 (40.7)	20.5 (45.1)	20.7 (45.6)	20.0 (44)	19.4 (42.7)
36 (118'1")				19.3 (42.5)	18.7 (41.2)	18.2 (40.1)			18.6 (41)	19.3 (42.5)	18.6 (41)	18.1 (39.9)
38 (124'8")					17.0 (37.4)	16.9 (37.2)				18.1 (39.9)	17.3 (38.1)	16.8 (37)
40 (131'3")						15.9 (35)					16.3 (35.9)	15.8 (34.8)
42 (137'10")												14.9 (32.8)
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 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	25.5 (83'8")											
	34 (111'7")						37 (121'5")					
Length of luffing jib(m) (ft)	34 (111'7")						37 (121'5")					
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")	48.9 (107.8)						41.3 (91)					
16 (52'6")	45.2 (99.6)						41.2 (90.8)					
18 (59'1")	39.7 (87.5)						38.0 (83.7)					
20 (65'7")	35.5 (78.2)	40.2 (88.6)					35.4 (78)	38.4 (84.6)				
22 (72'2")	31.6 (69.6)	36.2 (79.8)					32.0 (70.5)	35.7 (78.7)				
24 (78'9")	27.8 (61.2)	32.2 (70.9)	33.0 (72.7)				28.3 (62.3)	32.5 (71.6)	33.0 (72.7)			
26 (85'4")	24.8 (54.6)	28.5 (62.8)	29.9 (65.9)				25.2 (55.5)	28.7 (63.2)	29.9 (65.9)			
28 (91'10")	22.4 (49.3)	25.4 (55.9)	27.2 (59.9)				22.8 (50.2)	25.6 (56.4)	27.2 (59.9)			
30 (98'5")	20.2 (44.5)	22.8 (50.2)	25.0 (55.1)	24.2 (53.3)			20.6 (45.4)	23.1 (50.9)	25.0 (55.1)	24.2 (53.3)		
32 (104'12")	17.9 (39.4)	20.6 (45.4)	22.8 (50.2)	22.4 (49.3)			18.7 (41.2)	20.8 (45.8)	23.1 (50.9)	22.3 (49.1)		
34 (111'7")	15.9 (35)	18.7 (41.2)	20.8 (45.8)	20.7 (45.6)	20.0 (44)		17.1 (37.6)	19.0 (41.8)	21.1 (46.5)	20.6 (45.4)	20.0 (44)	
36 (118'1")		17.0 (37.4)	18.9 (41.6)	19.2 (42.3)	18.6 (41)		15.7 (34.6)	17.3 (38.1)	19.2 (42.3)	19.2 (42.3)	18.6 (41)	
38 (124'8")			17.0 (37.4)	18.0 (39.6)	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")				16.5 (36.3)	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")					15.3 (33.7)	14.8 (32.6)			14.9 (32.8)	15.8 (34.8)	15.3 (33.7)	14.7 (32.4)
44 (144'4")						13.9 (30.6)				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")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	25.5 (83'8")											
	40 (131'3")						43 (141'1")					
Length of luffing jib(m) (ft)												
Boom angle(°)												
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")	35.7 (78.7)						30.2 (66.5)					
18 (59'1")	33.2 (73.1)						28.3 (62.3)					
20 (65'7")	30.8 (67.9)						26.2 (57.7)					
22 (72'2")	28.2 (62.1)	30.5 (67.2)					24.4 (53.7)	25.4 (55.9)				
24 (78'9")	25.5 (56.2)	28.1 (61.9)					22.7 (50)	23.7 (52.2)				
26 (85'4")	23.3 (51.3)	25.4 (55.9)					21.3 (46.9)	22.2 (48.9)				
28 (91'10")	21.5 (47.3)	23.3 (51.3)	25.1 (55.3)				20.1 (44.3)	20.9 (46)	23.1 (50.9)			
30 (98'5")	19.8 (43.6)	21.4 (47.1)	23.3 (51.3)				19.0 (41.8)	19.7 (43.4)	21.6 (47.6)			
32 (104'12")	18.3 (40.3)	19.7 (43.4)	21.7 (47.8)	21.7 (47.8)			18.0 (39.6)	18.6 (41)	20.4 (44.9)	21.1 (46.5)		
34 (111'7")	17.1 (37.6)	18.3 (40.3)	20.2 (44.5)	20.2 (44.5)			17.0 (37.4)	17.6 (38.8)	19.3 (42.5)	19.9 (43.8)		
36 (118'1")	15.7 (34.6)	17.0 (37.4)	18.7 (41.2)	19.0 (41.8)			15.6 (34.3)	16.7 (36.8)	18.3 (40.3)	18.9 (41.6)		
38 (124'8")	14.0 (30.8)	16.0 (35.2)	17.4 (38.3)	17.9 (39.4)	17.2 (37.9)		14.4 (31.7)	16.0 (35.2)	17.3 (38.1)	17.7 (39)	17.0 (37.4)	
40 (131'3")		14.7 (32.4)	16.1 (35.4)	16.7 (36.8)	16.1 (35.4)		13.3 (29.3)	14.9 (32.8)	16.0 (35.2)	16.6 (36.5)	15.9 (35)	
42 (137'10")		13.5 (29.7)	14.8 (32.6)	15.7 (34.6)	15.1 (33.2)	14.6 (32.1)	12.3 (27.1)	13.8 (30.4)	14.8 (32.6)	15.6 (34.3)	14.9 (32.8)	14.5 (31.9)
44 (144'4")			13.5 (29.7)	14.8 (32.6)	14.2 (31.3)	13.8 (30.4)	10.7 (23.5)	12.8 (28.2)	13.7 (30.2)	14.7 (32.4)	14.1 (31)	13.7 (30.2)
46 (150'11")				13.6 (29.9)	13.4 (29.5)	13.0 (28.6)		11.7 (25.7)	12.6 (27.7)	13.9 (30.6)	13.3 (29.3)	12.9 (28.4)
48 (157'6")					12.6 (27.7)	12.3 (27.1)			11.7 (25.7)	13.1 (28.8)	12.5 (27.5)	12.2 (26.8)
50 (164'0")						11.6 (25.5)				12.1 (26.6)	11.9 (26.2)	11.5 (25.3)
52 (170'7")											11.3 (24.9)	10.9 (24)
54 (177'2")												10.4 (22.9)
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	25.5 (83'8")											
	46 (150'11")						49 (160'9")					
Length of luffing jib(m) (ft)												
Boom angle(°)												
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")	24.9 (54.8)						21.5 (47.3)					
20 (65'7")	23.1 (50.9)						19.9 (43.8)					
22 (72'2")	21.4 (47.1)						18.5 (40.7)					
24 (78'9")	20.0 (44)						17.2 (37.9)					
26 (85'4")	18.7 (41.2)	19.7 (43.4)					16.0 (35.2)	17.1 (37.6)				
28 (91'10")	17.6 (38.8)	18.4 (40.5)					15.1 (33.2)	15.9 (35)				
30 (98'5")	16.6 (36.5)	17.3 (38.1)					14.1 (31)	15.0 (33)				
32 (104'12")	15.6 (34.3)	16.3 (35.9)	17.9 (39.4)				13.3 (29.3)	14.1 (31)	15.3 (33.7)			
34 (111'7")	14.8 (32.6)	15.5 (34.1)	16.8 (37)				12.6 (27.7)	13.3 (29.3)	14.4 (31.7)			
36 (118'1")	13.7 (30.2)	14.7 (32.4)	15.9 (35)				11.7 (25.7)	12.6 (27.7)	13.6 (29.9)			
38 (124'8")	12.7 (27.9)	14.0 (30.8)	15.1 (33.2)	15.6 (34.3)			11.0 (24.2)	11.9 (26.2)	12.9 (28.4)	13.5 (29.7)		
40 (131'3")	11.8 (26)	13.1 (28.8)	14.0 (30.8)	14.6 (32.1)			10.3 (22.7)	11.2 (24.6)	12.0 (26.4)	12.6 (27.7)		
42 (137'10")	11.0 (24.2)	12.1 (26.6)	13.0 (28.6)	13.7 (30.2)			9.6 (21.1)	10.5 (23.1)	11.2 (24.6)	11.9 (26.2)		
44 (144'4")	9.8 (21.6)	11.3 (24.9)	12.1 (26.6)	13.0 (28.6)	12.8 (28.2)		8.8 (19.4)	9.8 (21.6)	10.5 (23.1)	11.2 (24.6)	11.4 (25.1)	
46 (150'11")		10.5 (23.1)	11.3 (24.9)	12.2 (26.8)	12.0 (26.4)		7.8 (17.1)	9.2 (20.2)	9.9 (21.8)	10.6 (23.3)	10.7 (23.5)	
48 (157'6")		9.9 (21.8)	10.5 (23.1)	11.6 (25.5)	11.4 (25.1)	11.4 (25.1)		8.6 (18.9)	9.3 (20.5)	10.1 (22.2)	10.2 (22.4)	10.5 (23.1)
50 (164'0")			9.9 (21.8)	10.8 (23.8)	10.8 (23.8)	10.7 (23.5)			8.9 (19.6)	9.5 (20.9)	9.7 (21.3)	9.9 (21.8)
52 (170'7")				9.9 (21.8)	10.3 (22.7)	10.1 (22.2)				8.6 (18.9)	9.2 (20.2)	9.4 (20.7)
54 (177'2")					9.2 (20.2)	9.7 (21.3)					8.5 (18.7)	8.9 (19.6)
56 (183'9")						9.2 (20.2)						8.4 (18.5)
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	25.5 (83'8")											
	52 (170'7")						55 (180'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)												
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")	18.2 (40.1)											
20 (65'7")	16.7 (36.8)						14.5 (31.9)					
22 (72'2")	15.5 (34.1)						13.4 (29.5)					
24 (78'9")	14.4 (31.7)						12.4 (27.3)					
26 (85'4")	13.4 (29.5)	14.5 (31.9)					11.6 (25.5)					
28 (91'10")	12.5 (27.5)	13.5 (29.7)					10.8 (23.8)	11.6 (25.5)				
30 (98'5")	11.7 (25.7)	12.6 (27.7)					10.1 (22.2)	10.9 (24)				
32 (104'12")	11.0 (24.2)	11.8 (26)	12.8 (28.2)				9.5 (20.9)	10.2 (22.4)				
34 (111'7")	10.4 (22.9)	11.1 (24.4)	11.9 (26.2)				8.8 (19.4)	9.6 (21.1)				
36 (118'1")	9.8 (21.6)	10.5 (23.1)	11.2 (24.6)				8.2 (18)	8.9 (19.6)	9.7 (21.3)			
38 (124'8")	9.3 (20.5)	9.9 (21.8)	10.6 (23.3)	11.3 (24.9)			7.6 (16.7)	8.3 (18.2)	9.0 (19.8)			
40 (131'3")	8.8 (19.4)	9.4 (20.7)	10.0 (22)	10.6 (23.3)			7.1 (15.6)	7.7 (16.9)	8.4 (18.5)			
42 (137'10")	8.3 (18.2)	8.9 (19.6)	9.4 (20.7)	10.0 (22)			6.6 (14.5)	7.2 (15.8)	7.8 (17.1)	8.4 (18.5)		
44 (144'4")	7.9 (17.4)	8.4 (18.5)	9.0 (19.8)	9.5 (20.9)	10.1 (22.2)		6.2 (13.6)	6.7 (14.7)	7.3 (16)	7.8 (17.1)		
46 (150'11")	7.5 (16.5)	8.0 (17.6)	8.5 (18.7)	9.0 (19.8)	9.5 (20.9)		5.8 (12.7)	6.3 (13.8)	6.8 (14.9)	7.3 (16)	6.3 (13.8)	
48 (157'6")	7.1 (15.6)	7.5 (16.5)	8.1 (17.8)	8.6 (18.9)	9.1 (20)	9.6 (21.1)	5.4 (11.9)	5.8 (12.7)	6.3 (13.8)	6.8 (14.9)	6.1 (13.4)	
50 (164'0")	6.8 (14.9)	7.2 (15.8)	7.7 (16.9)	8.2 (18)	8.6 (18.9)	9.1 (20)	5.0 (11)	5.5 (12.1)	5.9 (13)	6.4 (14.1)	5.7 (12.5)	
52 (170'7")	6.5 (14.3)	6.9 (15.2)	7.3 (16)	7.8 (17.1)	8.2 (18)	8.6 (18.9)		5.1 (11.2)	5.6 (12.3)	6.0 (13.2)	5.4 (11.9)	
54 (177'2")		6.6 (14.5)	6.9 (15.2)	7.3 (16)	7.8 (17.1)	8.2 (18)			5.2 (11.4)	5.6 (12.3)	5.2 (11.4)	
56 (183'9")			6.7 (14.7)	7.0 (15.4)	7.4 (16.3)	7.8 (17.1)				5.2 (11.4)	5.0 (11)	
58 (190'3")				6.7 (14.7)	7.1 (15.6)	7.4 (16.3)					4.8 (10.5)	
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")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	25.5 (83'8")											
	58 (190'3")						61 (200'2")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	12.2 (26.8)						10.0 (22)					
22 (72'2")	11.4 (25.1)						9.3 (20.5)					
24 (78'9")	10.5 (23.1)						8.6 (18.9)					
26 (85'4")	9.8 (21.6)						8.0 (17.6)					
28 (91'10")	9.1 (20)	9.8 (21.6)					7.3 (16)	8.0 (17.6)				
30 (98'5")	8.5 (18.7)	9.2 (20.2)					6.8 (14.9)	7.4 (16.3)				
32 (104'12")	7.9 (17.4)	8.6 (18.9)					6.3 (13.8)	6.9 (15.2)				
34 (111'7")	7.2 (15.8)	8.0 (17.6)					5.6 (12.3)	6.4 (14.1)				
36 (118'1")	6.5 (14.3)	7.3 (16)	8.1 (17.8)				4.9 (10.8)	5.7 (12.5)	6.5 (14.3)			
38 (124'8")	6.0 (13.2)	6.6 (14.5)	7.4 (16.3)				4.3 (9.4)	5.0 (11)	5.8 (12.7)			
40 (131'3")	5.4 (11.9)	6.1 (13.4)	6.7 (14.7)				3.8 (8.3)	4.4 (9.7)	5.1 (11.2)			
42 (137'10")	4.9 (10.8)	5.5 (12.1)	6.1 (13.4)	6.7 (14.7)			3.3 (7.2)	3.9 (8.5)	4.5 (9.9)	5.1 (11.2)		
44 (144'4")	4.5 (9.9)	5.0 (11)	5.6 (12.3)	6.2 (13.6)			2.8 (6.1)	3.3 (7.2)	3.9 (8.5)	4.5 (9.9)		
46 (150'11")	4.1 (9)	4.6 (10.1)	5.1 (11.2)	5.6 (12.3)			2.3 (5)	2.9 (6.3)	3.4 (7.4)	4.0 (8.8)		
48 (157'6")	3.6 (7.9)	4.1 (9)	4.6 (10.1)	5.1 (11.2)			1.8 (3.9)	2.3 (5)	2.9 (6.3)	3.4 (7.4)		
50 (164'0")	3.1 (6.8)	3.7 (8.1)	4.2 (9.2)	4.7 (10.3)				1.9 (4.1)	2.4 (5.2)	3.0 (6.6)		
52 (170'7")		3.2 (7)	3.8 (8.3)	4.2 (9.2)					2.0 (4.4)	2.4 (5.2)		
54 (177'2")			3.4 (7.4)	3.8 (8.3)						2.0 (4.4)		
56 (183'9")				3.3 (7.2)								
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	28.5 (93'6")											
	22 (72'2")						25 (82'0")					
Length of luffing jib(m) (ft)	22 (72'2")						25 (82'0")					
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)	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")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	28.5 (93'6")											
	28 (91'10")						31 (101'8")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")	62.6 (138)						62.6 (138)					
14 (45'11")	56.9 (125.4)						56.9 (125.4)					
16 (52'6")	49.4 (108.9)						49.6 (109.3)					
18 (59'1")	41.6 (91.7)	46.7 (102.9)					41.7 (91.9)	46.3 (102)				
20 (65'7")	35.6 (78.4)	41.9 (92.3)					35.8 (78.9)	41.7 (91.9)				
22 (72'2")	31.1 (68.5)	36.8 (81.1)	36.7 (80.9)				31.2 (68.7)	37.3 (82.2)	36.5 (80.4)			
24 (78'9")	27.4 (60.4)	32.4 (71.4)	32.8 (72.3)				27.5 (60.6)	32.7 (72)	32.6 (71.8)			
26 (85'4")	24.3 (53.5)	28.5 (62.8)	29.7 (65.4)				24.6 (54.2)	28.8 (63.4)	29.6 (65.2)			
28 (91'10")		25.3 (55.7)	27.1 (59.7)	26.1 (57.5)			22.0 (48.5)	25.6 (56.4)	26.9 (59.3)	26.0 (57.3)		
30 (98'5")		22.6 (49.8)	24.8 (54.6)	24.0 (52.9)			20.0 (44)	23.0 (50.7)	24.7 (54.4)	23.9 (52.6)		
32 (104'12")			22.6 (49.8)	22.1 (48.7)	21.3 (46.9)		17.3 (38.1)	20.8 (45.8)	22.7 (50)	22.0 (48.5)	21.1 (46.5)	
34 (111'7")			21.0 (46.2)	20.5 (45.1)	19.7 (43.4)			18.9 (41.6)	21.1 (46.5)	20.4 (44.9)	19.5 (42.9)	
36 (118'1")				19.0 (41.8)	18.3 (40.3)	17.7 (39)			19.1 (42.1)	19.0 (41.8)	18.2 (40.1)	17.5 (38.5)
38 (124'8")					17.0 (37.4)	16.5 (36.3)				17.7 (39)	16.9 (37.2)	16.4 (36.1)
40 (131'3")						15.4 (33.9)				16.6 (36.5)	15.9 (35)	15.4 (33.9)
42 (137'10")											14.9 (32.8)	14.4 (31.7)
44 (144'4")												13.6 (29.9)
46 (150'11")												
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	28.5 (93'6")											
	34 (111'7")						37 (121'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")	49.1 (108.2)						41.3 (91)					
16 (52'6")	45.4 (100)						41.3 (91)					
18 (59'1")	39.9 (87.9)						38.1 (83.9)					
20 (65'7")	35.6 (78.4)	40.3 (88.8)					35.5 (78.2)	38.9 (85.7)				
22 (72'2")	31.7 (69.8)	36.7 (80.9)					32.2 (70.9)	36.1 (79.5)				
24 (78'9")	28.0 (61.7)	33.0 (72.7)					28.5 (62.8)	33.3 (73.4)				
26 (85'4")	25.0 (55.1)	29.1 (64.1)	29.6 (65.2)				25.4 (55.9)	29.4 (64.8)	29.6 (65.2)			
28 (91'10")	22.4 (49.3)	25.9 (57)	26.9 (59.3)				22.7 (50)	26.1 (57.5)	26.9 (59.3)			
30 (98'5")	20.3 (44.7)	23.2 (51.1)	24.7 (54.4)	23.8 (52.4)			20.6 (45.4)	23.5 (51.8)	24.7 (54.4)	23.8 (52.4)		
32 (104'12")	18.1 (39.9)	21.0 (46.2)	22.8 (50.2)	22.0 (48.5)			18.8 (41.4)	21.2 (46.7)	22.8 (50.2)	21.9 (48.2)		
34 (111'7")	16.3 (35.9)	19.1 (42.1)	21.1 (46.5)	20.3 (44.7)			17.1 (37.6)	19.3 (42.5)	21.1 (46.5)	20.3 (44.7)		
36 (118'1")		17.3 (38.1)	19.4 (42.7)	18.9 (41.6)	18.2 (40.1)		15.7 (34.6)	17.6 (38.8)	19.7 (43.4)	18.9 (41.6)	18.2 (40.1)	
38 (124'8")			17.8 (39.2)	17.7 (39)	16.9 (37.2)		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)	15.3 (33.7)		14.9 (32.8)	16.5 (36.3)	16.5 (36.3)	15.9 (35)	15.2 (33.5)
42 (137'10")				15.5 (34.1)	14.9 (32.8)	14.3 (31.5)			15.2 (33.5)	15.5 (34.1)	14.9 (32.8)	14.3 (31.5)
44 (144'4")					14.1 (31)	13.5 (29.7)				14.7 (32.4)	14.1 (31)	13.5 (29.7)
46 (150'11")						12.8 (28.2)				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
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	28.5 (93'6")											
	40 (131'3")						43 (141'1")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")	35.8 (78.9)						30.2 (66.5)					
18 (59'1")	33.3 (73.4)						28.4 (62.6)					
20 (65'7")	30.9 (68.1)						26.3 (57.9)					
22 (72'2")	28.3 (62.3)	31.4 (69.2)					24.4 (53.7)	26.7 (58.8)				
24 (78'9")	25.6 (56.4)	29.1 (64.1)					22.7 (50)	24.9 (54.8)				
26 (85'4")	23.4 (51.5)	26.3 (57.9)					21.3 (46.9)	23.2 (51.1)				
28 (91'10")	21.4 (47.1)	23.9 (52.6)	25.2 (55.5)				20.1 (44.3)	21.7 (47.8)	23.6 (52)			
30 (98'5")	19.8 (43.6)	21.9 (48.2)	23.4 (51.5)				19.0 (41.8)	20.4 (44.9)	22.0 (48.5)			
32 (104'12")	18.4 (40.5)	20.2 (44.5)	21.8 (48)				18.0 (39.6)	19.3 (42.5)	20.7 (45.6)			
34 (111'7")	17.1 (37.6)	18.8 (41.4)	20.3 (44.7)	20.1 (44.3)			17.0 (37.4)	18.3 (40.3)	19.6 (43.2)	20.0 (44)		
36 (118'1")	15.7 (34.6)	17.5 (38.5)	19.1 (42.1)	18.7 (41.2)			15.6 (34.3)	17.3 (38.1)	18.5 (40.7)	18.6 (41)		
38 (124'8")	14.1 (31)	16.1 (35.4)	17.8 (39.2)	17.5 (38.5)			14.4 (31.7)	16.0 (35.2)	17.5 (38.5)	17.3 (38.1)		
40 (131'3")	12.6 (27.7)	14.8 (32.6)	16.5 (36.3)	16.4 (36.1)	15.7 (34.6)		13.4 (29.5)	14.8 (32.6)	16.4 (36.1)	16.2 (35.7)	15.5 (34.1)	
42 (137'10")		13.4 (29.5)	15.1 (33.2)	15.4 (33.9)	14.7 (32.4)		12.3 (27.1)	13.7 (30.2)	15.1 (33.2)	15.2 (33.5)	14.6 (32.1)	
44 (144'4")			14.0 (30.8)	14.5 (31.9)	13.9 (30.6)	13.3 (29.3)	10.8 (23.8)	12.6 (27.7)	14.0 (30.8)	14.3 (31.5)	13.7 (30.2)	13.2 (29.1)
46 (150'11")				13.7 (30.2)	13.1 (28.8)	12.5 (27.5)		11.7 (25.7)	13.0 (28.6)	13.6 (29.9)	13.0 (28.6)	12.3 (27.1)
48 (157'6")				12.8 (28.2)	12.4 (27.3)	11.9 (26.2)			11.9 (26.2)	12.8 (28.2)	12.2 (26.8)	11.7 (25.7)
50 (164'0")					11.7 (25.7)	11.2 (24.6)				12.1 (26.6)	11.6 (25.5)	11.0 (24.2)
52 (170'7")						10.5 (23.1)				11.3 (24.9)	11.0 (24.2)	10.5 (23.1)
54 (177'2")											10.5 (23.1)	10.0 (22)
56 (183'9")												9.5 (20.9)
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	28.5 (93'6")											
	46 (150'11")						49 (160'9")					
Length of luffing jib(m) (ft)												
Boom angle(°)												
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")	25.0 (55.1)						21.6 (47.6)					
20 (65'7")	23.1 (50.9)						19.9 (43.8)					
22 (72'2")	21.4 (47.1)						18.5 (40.7)					
24 (78'9")	20.0 (44)						17.2 (37.9)					
26 (85'4")	18.7 (41.2)	20.3 (44.7)					16.1 (35.4)	17.5 (38.5)				
28 (91'10")	17.6 (38.8)	19.0 (41.8)					15.1 (33.2)	16.4 (36.1)				
30 (98'5")	16.6 (36.5)	17.9 (39.4)					14.1 (31)	15.3 (33.7)				
32 (104'12")	15.6 (34.3)	16.8 (37)	18.1 (39.9)				13.3 (29.3)	14.4 (31.7)	15.5 (34.1)			
34 (111'7")	14.8 (32.6)	15.9 (35)	17.1 (37.6)				12.6 (27.7)	13.6 (29.9)	14.6 (32.1)			
36 (118'1")	13.7 (30.2)	15.1 (33.2)	16.1 (35.4)				11.7 (25.7)	12.9 (28.4)	13.8 (30.4)			
38 (124'8")	12.7 (27.9)	14.0 (30.8)	15.3 (33.7)	15.4 (33.9)			11.0 (24.2)	12.0 (26.4)	13.0 (28.6)	13.5 (29.7)		
40 (131'3")	11.8 (26)	13.0 (28.6)	14.3 (31.5)	14.5 (31.9)			10.3 (22.7)	11.2 (24.6)	12.2 (26.8)	12.7 (27.9)		
42 (137'10")	11.0 (24.2)	12.1 (26.6)	13.3 (29.3)	13.6 (29.9)			9.7 (21.3)	10.5 (23.1)	11.4 (25.1)	11.9 (26.2)		
44 (144'4")	9.8 (21.6)	11.3 (24.9)	12.3 (27.1)	12.8 (28.2)	12.6 (27.7)		8.8 (19.4)	9.9 (21.8)	10.7 (23.5)	11.2 (24.6)	11.5 (25.3)	
46 (150'11")	8.6 (18.9)	10.5 (23.1)	11.5 (25.3)	12.1 (26.6)	11.9 (26.2)		8.0 (17.6)	9.3 (20.5)	10.0 (22)	10.6 (23.3)	10.8 (23.8)	
48 (157'6")		9.3 (20.5)	10.7 (23.5)	11.4 (25.1)	11.3 (24.9)			8.6 (18.9)	9.4 (20.7)	10.0 (22)	10.3 (22.7)	
50 (164'0")			9.8 (21.6)	10.8 (23.8)	10.7 (23.5)	10.5 (23.1)			8.7 (19.1)	9.6 (21.1)	9.7 (21.3)	9.9 (21.8)
52 (170'7")				10.2 (22.4)	10.1 (22.2)	10.0 (22)				9.0 (19.8)	9.2 (20.2)	9.4 (20.7)
54 (177'2")					9.7 (21.3)	9.5 (20.9)					8.8 (19.4)	9.0 (19.8)
56 (183'9")						9.0 (19.8)						8.5 (18.7)
58 (190'3")												8.0 (17.6)
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom(m) (ft)	28.5 (93'6")											
	52 (170'7")						55 (180'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)												
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")	18.2 (40.1)											
20 (65'7")	16.7 (36.8)											
22 (72'2")	15.5 (34.1)						13.4 (29.5)					
24 (78'9")	14.4 (31.7)						12.4 (27.3)					
26 (85'4")	13.5 (29.7)	14.7 (32.4)					11.6 (25.5)					
28 (91'10")	12.5 (27.5)	13.7 (30.2)					10.8 (23.8)	11.8 (26)				
30 (98'5")	11.7 (25.7)	12.8 (28.2)					10.1 (22.2)	11.0 (24.2)				
32 (104'12")	11.0 (24.2)	11.9 (26.2)	13.0 (28.6)				9.5 (20.9)	10.3 (22.7)				
34 (111'7")	10.4 (22.9)	11.2 (24.6)	12.1 (26.6)				8.8 (19.4)	9.7 (21.3)				
36 (118'1")	9.8 (21.6)	10.6 (23.3)	11.4 (25.1)				8.2 (18)	9.0 (19.8)	9.8 (21.6)			
38 (124'8")	9.3 (20.5)	10.0 (22)	10.7 (23.5)	11.5 (25.3)			7.7 (16.9)	8.4 (18.5)	9.1 (20)			
40 (131'3")	8.8 (19.4)	9.4 (20.7)	10.1 (22.2)	10.9 (24)			7.1 (15.6)	7.8 (17.1)	8.5 (18.7)			
42 (137'10")	8.4 (18.5)	8.9 (19.6)	9.6 (21.1)	10.3 (22.7)			6.7 (14.7)	7.2 (15.8)	8.0 (17.6)	8.7 (19.1)		
44 (144'4")	7.9 (17.4)	8.5 (18.7)	9.1 (20)	9.7 (21.3)	10.4 (22.9)		6.2 (13.6)	6.8 (14.9)	7.4 (16.3)	8.1 (17.8)		
46 (150'11")	7.5 (16.5)	8.1 (17.8)	8.6 (18.9)	9.2 (20.2)	9.8 (21.6)		5.8 (12.7)	6.3 (13.8)	6.9 (15.2)	7.5 (16.5)	6.5 (14.3)	
48 (157'6")	7.1 (15.6)	7.7 (16.9)	8.2 (18)	8.7 (19.1)	9.3 (20.5)		5.4 (11.9)	5.9 (13)	6.5 (14.3)	7.0 (15.4)	6.2 (13.6)	
50 (164'0")	6.8 (14.9)	7.2 (15.8)	7.8 (17.1)	8.3 (18.2)	8.8 (19.4)	9.4 (20.7)	5.1 (11.2)	5.5 (12.1)	6.0 (13.2)	6.6 (14.5)	5.8 (12.7)	
52 (170'7")	6.5 (14.3)	6.9 (15.2)	7.4 (16.3)	7.9 (17.4)	8.4 (18.5)	8.9 (19.6)		5.2 (11.4)	5.7 (12.5)	6.1 (13.4)	5.6 (12.3)	
54 (177'2")		6.6 (14.5)	7.1 (15.6)	7.5 (16.5)	8.0 (17.6)	8.5 (18.7)			5.2 (11.4)	5.8 (12.7)	5.3 (11.6)	
56 (183'9")		6.4 (14.1)	6.7 (14.7)	7.1 (15.6)	7.7 (16.9)	8.1 (17.8)			4.9 (10.8)	5.4 (11.9)	5.1 (11.2)	
58 (190'3")			6.5 (14.3)	6.8 (14.9)	7.2 (15.8)	7.7 (16.9)				5.0 (11)	4.8 (10.5)	
60 (196'10")				6.6 (14.5)	6.9 (15.2)	7.3 (16)					4.6 (10.1)	
62 (203'5")					6.6 (14.5)	7.0 (15.4)						
64 (209'12")						6.7 (14.7)						
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	28.5 (93'6")											
	58 (190'3")						61 (200'2")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")												
22 (72'2")	11.4 (25.1)						9.3 (20.5)					
24 (78'9")	10.5 (23.1)						8.6 (18.9)					
26 (85'4")	9.8 (21.6)						8.0 (17.6)					
28 (91'10")	9.1 (20)	9.9 (21.8)					7.4 (16.3)	8.1 (17.8)				
30 (98'5")	8.5 (18.7)	9.3 (20.5)					6.9 (15.2)	7.5 (16.5)				
32 (104'12")	8.0 (17.6)	8.7 (19.1)					6.4 (14.1)	7.0 (15.4)				
34 (111'7")	7.2 (15.8)	8.1 (17.8)					5.6 (12.3)	6.5 (14.3)				
36 (118'1")	6.6 (14.5)	7.4 (16.3)	8.2 (18)				5.0 (11)	5.8 (12.7)	6.6 (14.5)			
38 (124'8")	6.0 (13.2)	6.7 (14.7)	7.6 (16.7)				4.4 (9.7)	5.1 (11.2)	6.0 (13.2)			
40 (131'3")	5.4 (11.9)	6.1 (13.4)	6.9 (15.2)				3.8 (8.3)	4.5 (9.9)	5.3 (11.6)			
42 (137'10")	5.0 (11)	5.6 (12.3)	6.3 (13.8)	7.0 (15.4)			3.3 (7.2)	4.0 (8.8)	4.7 (10.3)	5.4 (11.9)		
44 (144'4")	4.5 (9.9)	5.1 (11.2)	5.7 (12.5)	6.4 (14.1)			2.8 (6.1)	3.4 (7.4)	4.1 (9)	4.8 (10.5)		
46 (150'11")	4.1 (9)	4.6 (10.1)	5.2 (11.4)	5.8 (12.7)			2.3 (5)	2.9 (6.3)	3.6 (7.9)	4.2 (9.2)		
48 (157'6")	3.7 (8.1)	4.2 (9.2)	4.8 (10.5)	5.3 (11.6)			1.9 (4.1)	2.4 (5.2)	3.1 (6.8)	3.7 (8.1)		
50 (164'0")	3.3 (7.2)	3.8 (8.3)	4.3 (9.4)	4.9 (10.8)				2.0 (4.4)	2.6 (5.7)	3.2 (7)		
52 (170'7")		3.4 (7.4)	3.9 (8.5)	4.4 (9.7)					2.1 (4.6)	2.7 (5.9)		
54 (177'2")			3.4 (7.4)	4.0 (8.8)						2.2 (4.8)		
56 (183'9")				3.6 (7.9)						1.8 (3.9)		
58 (190'3")				3.2 (7)								
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	31.5 (103'4")											
	22 (72'2")						25 (82'0")					
Length of luffing jib(m) (ft)												
Boom angle(°)												
Radius(m) (ft)	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")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	31.5 (103'4")											
	28 (91'10")						31 (101'8")					
Length of luffing jib(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
Boom angle(°)												
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")	55.9 (123.2)						54.6 (120.3)					
16 (52'6")	49.9 (110)						50.1 (110.4)					
18 (59'1")	41.9 (92.3)	46.2 (101.8)					42.0 (92.5)	45.2 (99.6)				
20 (65'7")	35.9 (79.1)	41.6 (91.7)					36.0 (79.3)	40.8 (89.9)				
22 (72'2")	31.3 (69)	37.3 (82.2)					31.4 (69.2)	37.1 (81.7)				
24 (78'9")	27.6 (60.8)	33.2 (73.1)	32.5 (71.6)				27.7 (61)	33.5 (73.8)	32.3 (71.2)			
26 (85'4")	24.2 (53.3)	29.1 (64.1)	29.3 (64.5)				24.7 (54.4)	29.4 (64.8)	29.2 (64.3)			
28 (91'10")	21.5 (47.3)	25.8 (56.8)	26.8 (59)	25.7 (56.6)			22.1 (48.7)	26.1 (57.5)	26.6 (58.6)	25.6 (56.4)		
30 (98'5")		23.2 (51.1)	24.5 (54)	23.6 (52)			20.0 (44)	23.5 (51.8)	24.4 (53.7)	23.5 (51.8)		
32 (104'12")			22.6 (49.8)	21.7 (47.8)			17.6 (38.8)	21.1 (46.5)	22.4 (49.3)	21.6 (47.6)		
34 (111'7")			20.6 (45.4)	20.1 (44.3)	19.2 (42.3)			19.1 (42.1)	20.8 (45.8)	20.0 (44)	19.0 (41.8)	
36 (118'1")				18.8 (41.4)	17.9 (39.4)				19.4 (42.7)	18.7 (41.2)	17.6 (38.8)	
38 (124'8")					16.2 (35.7)	16.0 (35.2)			17.9 (39.4)	17.4 (38.3)	16.5 (36.3)	15.9 (35)
40 (131'3")					15.1 (33.2)	15.0 (33)				16.3 (35.9)	15.5 (34.1)	14.9 (32.8)
42 (137'10")						14.0 (30.8)					14.5 (31.9)	14.0 (30.8)
44 (144'4")												13.2 (29.1)
46 (150'11")												12.4 (27.3)
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	31.5 (103'4")											
	34 (111'7")						37 (121'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")	47.9 (105.6)						41.3 (91)					
16 (52'6")	45.7 (100.7)						41.3 (91)					
18 (59'1")	40.2 (88.6)						38.4 (84.6)					
20 (65'7")	35.8 (78.9)	40.0 (88.1)					35.6 (78.4)	39.3 (86.6)				
22 (72'2")	31.9 (70.3)	36.4 (80.2)					32.4 (71.4)	35.7 (78.7)				
24 (78'9")	28.2 (62.1)	33.1 (72.9)					28.6 (63)	32.7 (72)				
26 (85'4")	25.1 (55.3)	29.7 (65.4)	29.1 (64.1)				25.5 (56.2)	30.0 (66.1)	29.0 (63.9)			
28 (91'10")	22.5 (49.6)	26.4 (58.2)	26.6 (58.6)				22.8 (50.2)	26.6 (58.6)	26.6 (58.6)			
30 (98'5")	20.3 (44.7)	23.7 (52.2)	24.4 (53.7)				20.7 (45.6)	23.9 (52.6)	24.5 (54)			
32 (104'12")	18.3 (40.3)	21.3 (46.9)	22.5 (49.6)	21.6 (47.6)			18.9 (41.6)	21.5 (47.3)	22.5 (49.6)	21.5 (47.3)		
34 (111'7")	16.3 (35.9)	19.3 (42.5)	20.9 (46)	19.9 (43.8)			17.2 (37.9)	19.6 (43.2)	20.9 (46)	19.9 (43.8)		
36 (118'1")		17.3 (38.1)	19.4 (42.7)	18.6 (41)	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")			18.0 (39.6)	17.4 (38.3)	16.5 (36.3)		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)			15.1 (33.2)	16.9 (37.2)	16.2 (35.7)	15.4 (33.9)	
42 (137'10")					14.5 (31.9)	13.9 (30.6)			15.6 (34.3)	15.2 (33.5)	14.5 (31.9)	13.8 (30.4)
44 (144'4")					13.7 (30.2)	13.1 (28.8)			14.4 (31.7)	14.4 (31.7)	13.7 (30.2)	13.0 (28.6)
46 (150'11")						12.3 (27.1)				13.6 (29.9)	12.9 (28.4)	12.2 (26.8)
48 (157'6")						11.6 (25.5)					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 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	31.5 (103'4")											
	40 (131'3")						43 (141'1")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")	35.8 (78.9)						30.2 (66.5)					
18 (59'1")	33.4 (73.6)						28.5 (62.8)					
20 (65'7")	31.0 (68.3)						26.3 (57.9)					
22 (72'2")	28.5 (62.8)	30.9 (68.1)					24.5 (54)	26.1 (57.5)				
24 (78'9")	25.7 (56.6)	28.5 (62.8)					22.8 (50.2)	24.3 (53.5)				
26 (85'4")	23.5 (51.8)	26.4 (58.2)					21.4 (47.1)	22.7 (50)				
28 (91'10")	21.5 (47.3)	24.0 (52.9)	25.3 (55.7)				20.1 (44.3)	21.3 (46.9)	24.1 (53.1)			
30 (98'5")	19.8 (43.6)	22.0 (48.5)	23.5 (51.8)				19.0 (41.8)	20.1 (44.3)	22.5 (49.6)			
32 (104'12")	18.4 (40.5)	20.2 (44.5)	21.8 (48)				18.0 (39.6)	19.0 (41.8)	21.1 (46.5)			
34 (111'7")	17.1 (37.6)	18.8 (41.4)	20.4 (44.9)	19.8 (43.6)			17.0 (37.4)	18.0 (39.6)	19.9 (43.8)	19.8 (43.6)		
36 (118'1")	15.8 (34.8)	17.4 (38.3)	19.1 (42.1)	18.5 (40.7)			15.7 (34.6)	17.0 (37.4)	18.8 (41.4)	18.4 (40.5)		
38 (124'8")	14.2 (31.3)	16.3 (35.9)	18.0 (39.6)	17.2 (37.9)			14.5 (31.9)	16.2 (35.7)	17.9 (39.4)	17.1 (37.6)		
40 (131'3")	13.1 (28.8)	15.2 (33.5)	16.8 (37)	16.1 (35.4)	15.2 (33.5)		13.4 (29.5)	15.3 (33.7)	16.7 (36.8)	16.0 (35.2)	15.1 (33.2)	
42 (137'10")		14.1 (31)	15.6 (34.3)	15.1 (33.2)	14.3 (31.5)		12.3 (27.1)	14.2 (31.3)	15.5 (34.1)	15.0 (33)	14.2 (31.3)	
44 (144'4")			14.3 (31.5)	14.2 (31.3)	13.5 (29.7)		11.0 (24.2)	13.1 (28.8)	14.3 (31.5)	14.1 (31)	13.4 (29.5)	
46 (150'11")			13.2 (29.1)	13.4 (29.5)	12.7 (27.9)	12.1 (26.6)		12.1 (26.6)	13.2 (29.1)	13.3 (29.3)	12.5 (27.5)	11.9 (26.2)
48 (157'6")				12.6 (27.7)	12.0 (26.4)	11.4 (25.1)			12.2 (26.8)	12.5 (27.5)	11.8 (26)	11.2 (24.6)
50 (164'0")					11.3 (24.9)	10.8 (23.8)			11.3 (24.9)	11.8 (26)	11.2 (24.6)	10.6 (23.3)
52 (170'7")						10.3 (22.7)				11.3 (24.9)	10.6 (23.3)	10.1 (22.2)
54 (177'2")						9.8 (21.6)					10.1 (22.2)	9.6 (21.1)
56 (183'9")												9.1 (20)
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	31.5 (103'4")											
	46 (150'11")						49 (160'9")					
Length of luffing jib(m) (ft)												
Boom angle(°)												
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")	25.1 (55.3)						21.7 (47.8)					
20 (65'7")	23.2 (51.1)						20.0 (44)					
22 (72'2")	21.5 (47.3)						18.6 (41)					
24 (78'9")	20.1 (44.3)						17.3 (38.1)					
26 (85'4")	18.8 (41.4)	20.1 (44.3)					16.1 (35.4)	17.5 (38.5)				
28 (91'10")	17.6 (38.8)	18.8 (41.4)					15.1 (33.2)	16.4 (36.1)				
30 (98'5")	16.6 (36.5)	17.7 (39)					14.1 (31)	15.3 (33.7)				
32 (104'12")	15.6 (34.3)	16.7 (36.8)	18.5 (40.7)				13.3 (29.3)	14.4 (31.7)	15.9 (35)			
34 (111'7")	14.8 (32.6)	15.7 (34.6)	17.4 (38.3)				12.6 (27.7)	13.5 (29.7)	14.9 (32.8)			
36 (118'1")	13.7 (30.2)	14.9 (32.8)	16.4 (36.1)				11.8 (26)	12.8 (28.2)	14.0 (30.8)			
38 (124'8")	12.8 (28.2)	14.2 (31.3)	15.5 (34.1)				11.0 (24.2)	12.1 (26.6)	13.2 (29.1)			
40 (131'3")	11.8 (26)	13.4 (29.5)	14.6 (32.1)	14.4 (31.7)			10.3 (22.7)	11.4 (25.1)	12.4 (27.3)	12.8 (28.2)		
42 (137'10")	11.0 (24.2)	12.4 (27.3)	13.6 (29.9)	13.5 (29.7)			9.7 (21.3)	10.7 (23.5)	11.6 (25.5)	12.0 (26.4)		
44 (144'4")	10.0 (22)	11.6 (25.5)	12.6 (27.7)	12.7 (27.9)			8.9 (19.6)	10.1 (22.2)	10.9 (24)	11.3 (24.9)		
46 (150'11")	9.0 (19.8)	10.8 (23.8)	11.7 (25.7)	12.0 (26.4)	11.7 (25.7)		8.0 (17.6)	9.4 (20.7)	10.2 (22.4)	10.7 (23.5)	10.9 (24)	
48 (157'6")		9.9 (21.8)	10.9 (24)	11.3 (24.9)	11.1 (24.4)			8.6 (18.9)	9.6 (21.1)	10.1 (22.2)	10.3 (22.7)	
50 (164'0")			10.2 (22.4)	10.7 (23.5)	10.5 (23.1)				9.0 (19.8)	9.5 (20.9)	9.8 (21.6)	
52 (170'7")				10.2 (22.4)	9.9 (21.8)	9.8 (21.6)				9.1 (20)	9.2 (20.2)	9.5 (20.9)
54 (177'2")					9.5 (20.9)	9.3 (20.5)					8.8 (19.4)	9.0 (19.8)
56 (183'9")						8.8 (19.4)						8.5 (18.7)
58 (190'3")						8.5 (18.7)						8.1 (17.8)
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	31.5 (103'4")											
	52 (170'7")						55 (180'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")	18.3 (40.3)											
20 (65'7")	16.8 (37)											
22 (72'2")	15.6 (34.3)						13.5 (29.7)					
24 (78'9")	14.5 (31.9)						12.5 (27.5)					
26 (85'4")	13.5 (29.7)	14.9 (32.8)					11.6 (25.5)					
28 (91'10")	12.5 (27.5)	13.9 (30.6)					10.8 (23.8)	12.0 (26.4)				
30 (98'5")	11.7 (25.7)	13.0 (28.6)					10.1 (22.2)	11.2 (24.6)				
32 (104'12")	11.0 (24.2)	12.1 (26.6)	13.3 (29.3)				9.5 (20.9)	10.5 (23.1)				
34 (111'7")	10.4 (22.9)	11.3 (24.9)	12.3 (27.1)				8.8 (19.4)	9.8 (21.6)				
36 (118'1")	9.8 (21.6)	10.7 (23.5)	11.6 (25.5)				8.2 (18)	9.1 (20)	10.0 (22)			
38 (124'8")	9.3 (20.5)	10.1 (22.2)	10.9 (24)				7.7 (16.9)	8.5 (18.7)	9.4 (20.7)			
40 (131'3")	8.8 (19.4)	9.5 (20.9)	10.3 (22.7)	11.1 (24.4)			7.1 (15.6)	7.9 (17.4)	8.7 (19.1)			
42 (137'10")	8.4 (18.5)	9.0 (19.8)	9.7 (21.3)	10.5 (23.1)			6.7 (14.7)	7.3 (16)	8.1 (17.8)			
44 (144'4")	7.9 (17.4)	8.6 (18.9)	9.2 (20.2)	9.9 (21.8)			6.2 (13.6)	6.9 (15.2)	7.5 (16.5)	8.3 (18.2)		
46 (150'11")	7.5 (16.5)	8.1 (17.8)	8.7 (19.1)	9.4 (20.7)	10.1 (22.2)		5.8 (12.7)	6.4 (14.1)	7.0 (15.4)	7.7 (16.9)		
48 (157'6")	7.1 (15.6)	7.7 (16.9)	8.3 (18.2)	8.9 (19.6)	9.6 (21.1)		5.4 (11.9)	6.0 (13.2)	6.6 (14.5)	7.2 (15.8)	6.4 (14.1)	
50 (164'0")	6.8 (14.9)	7.3 (16)	7.9 (17.4)	8.4 (18.5)	9.1 (20)		4.6 (10.1)	5.6 (12.3)	6.1 (13.4)	6.7 (14.7)	6.1 (13.4)	
52 (170'7")	6.5 (14.3)	6.9 (15.2)	7.4 (16.3)	8.1 (17.8)	8.6 (18.9)	9.2 (20.2)		4.6 (10.1)	5.7 (12.5)	6.3 (13.8)	5.7 (12.5)	
54 (177'2")		6.6 (14.5)	7.1 (15.6)	7.7 (16.9)	8.2 (18)	8.8 (19.4)			5.4 (11.9)	5.9 (13)	5.4 (11.9)	
56 (183'9")		6.4 (14.1)	6.8 (14.9)	7.3 (16)	7.8 (17.1)	8.3 (18.2)			4.6 (10.1)	5.5 (12.1)	5.2 (11.4)	
58 (190'3")			6.5 (14.3)	6.9 (15.2)	7.4 (16.3)	8.0 (17.6)				4.6 (10.1)	5.0 (11)	
60 (196'10")				6.7 (14.7)	7.2 (15.8)	7.5 (16.5)				4.5 (9.9)	4.8 (10.5)	
62 (203'5")					6.8 (14.9)	7.2 (15.8)					4.6 (10.1)	
64 (209'12")					6.5 (14.3)	6.9 (15.2)						
66 (216'6")						6.6 (14.5)						
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	31.5 (103'4")											
	58 (190'3")						61 (200'2")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")												
22 (72'2")	11.4 (25.1)						9.3 (20.5)					
24 (78'9")	10.6 (23.3)						8.7 (19.1)					
26 (85'4")	9.8 (21.6)						8.0 (17.6)					
28 (91'10")	9.1 (20)	10.1 (22.2)					7.4 (16.3)	8.3 (18.2)				
30 (98'5")	8.5 (18.7)	9.4 (20.7)					6.9 (15.2)	7.7 (16.9)				
32 (104'12")	8.0 (17.6)	8.8 (19.4)					6.4 (14.1)	7.1 (15.6)				
34 (111'7")	7.3 (16)	8.2 (18)					5.7 (12.5)	6.6 (14.5)				
36 (118'1")	6.6 (14.5)	7.5 (16.5)	8.4 (18.5)				5.0 (11)	5.9 (13)	6.7 (14.7)			
38 (124'8")	6.0 (13.2)	6.8 (14.9)	7.8 (17.1)				4.4 (9.7)	5.2 (11.4)	6.2 (13.6)			
40 (131'3")	5.4 (11.9)	6.2 (13.6)	7.1 (15.6)				3.8 (8.3)	4.6 (10.1)	5.5 (12.1)			
42 (137'10")	5.0 (11)	5.6 (12.3)	6.4 (14.1)				3.3 (7.2)	4.0 (8.8)	4.8 (10.5)			
44 (144'4")	4.5 (9.9)	5.2 (11.4)	5.8 (12.7)	6.7 (14.7)			2.8 (6.1)	3.5 (7.7)	4.2 (9.2)	5.1 (11.2)		
46 (150'11")	4.1 (9)	4.7 (10.3)	5.3 (11.6)	6.1 (13.4)			2.3 (5)	3.0 (6.6)	3.7 (8.1)	4.4 (9.7)		
48 (157'6")	3.7 (8.1)	4.3 (9.4)	4.9 (10.8)	5.5 (12.1)			1.9 (4.1)	2.6 (5.7)	3.2 (7)	3.9 (8.5)		
50 (164'0")	3.3 (7.2)	3.8 (8.3)	4.4 (9.7)	5.0 (11)				2.0 (4.4)	2.7 (5.9)	3.4 (7.4)		
52 (170'7")		3.4 (7.4)	4.0 (8.8)	4.6 (10.1)					2.2 (4.8)	2.9 (6.3)		
54 (177'2")			3.6 (7.9)	4.1 (9)					1.8 (3.9)	2.3 (5)		
56 (183'9")			3.2 (7)	3.7 (8.1)						1.9 (4.1)		
58 (190'3")				3.3 (7.2)								
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	34.5 (113'2")											
Length of luffing jib(m) (ft)	22 (72'2")						25 (82'0")					
	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
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")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	34.5 (113'2")											
Length of luffing jib(m) (ft)	28 (91'10")						31 (101'8")					
	88	83	78	73	68	63	88	83	78	73	68	63
Boom angle(°)												
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")	56.1 (123.6)						54.6 (120.3)					
16 (52'6")	50.3 (110.8)						50.5 (111.3)					
18 (59'1")	42.2 (93)	45.1 (99.4)					42.3 (93.2)	44.2 (97.4)				
20 (65'7")	36.2 (79.8)	40.7 (89.7)					36.3 (80)	39.9 (87.9)				
22 (72'2")	31.5 (69.4)	37.0 (81.5)					31.6 (69.6)	36.3 (80)				
24 (78'9")	27.7 (61)	33.5 (73.8)	32.0 (70.5)				27.8 (61.2)	33.4 (73.6)	31.8 (70.1)			
26 (85'4")	24.4 (53.7)	29.8 (65.6)	29.0 (63.9)				24.8 (54.6)	30.1 (66.3)	28.9 (63.7)			
28 (91'10")	21.8 (48)	26.3 (57.9)	26.5 (58.4)				22.2 (48.9)	26.6 (58.6)	26.3 (57.9)			
30 (98'5")		23.2 (51.1)	24.2 (53.3)	23.2 (51.1)			20.1 (44.3)	23.9 (52.6)	24.1 (53.1)	23.1 (50.9)		
32 (104'12")		20.7 (45.6)	22.4 (49.3)	21.3 (46.9)			17.9 (39.4)	21.4 (47.1)	22.2 (48.9)	21.2 (46.7)		
34 (111'7")			20.2 (44.5)	19.8 (43.6)	18.8 (41.4)			19.4 (42.7)	20.6 (45.4)	19.7 (43.4)	18.6 (41)	
36 (118'1")				18.4 (40.5)	17.4 (38.3)			17.1 (37.6)	19.2 (42.3)	18.4 (40.5)	17.2 (37.9)	
38 (124'8")					16.3 (35.9)				17.9 (39.4)	17.1 (37.6)	16.1 (35.4)	
40 (131'3")						14.5 (31.9)				16.0 (35.2)	15.1 (33.2)	14.4 (31.7)
42 (137'10")							13.7 (30.2)			15.1 (33.2)	14.2 (31.3)	13.6 (29.9)
44 (144'4")											13.4 (29.5)	12.8 (28.2)
46 (150'11")												12.0 (26.4)
48 (157'6")												
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	34.5 (113'2")											
	34 (111'7")						37 (121'5")					
Length of luffing jib(m) (ft)	34 (111'7")						37 (121'5")					
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
10 (32'10")												
12 (39'4")												
14 (45'11")	47.9 (105.6)						41.3 (91)					
16 (52'6")	45.9 (101.1)						41.3 (91)					
18 (59'1")	40.4 (89)						38.5 (84.8)					
20 (65'7")	36.0 (79.3)	39.2 (86.4)					35.7 (78.7)	38.5 (84.8)				
22 (72'2")	32.1 (70.7)	35.6 (78.4)					32.6 (71.8)	35.0 (77.1)				
24 (78'9")	28.3 (62.3)	32.7 (72)					28.8 (63.4)	32.0 (70.5)				
26 (85'4")	25.2 (55.5)	29.8 (65.6)	28.5 (62.8)				25.6 (56.4)	29.6 (65.2)	28.2 (62.1)			
28 (91'10")	22.6 (49.8)	26.9 (59.3)	26.2 (57.7)				23.0 (50.7)	27.1 (59.7)	26.1 (57.5)			
30 (98'5")	20.5 (45.1)	24.1 (53.1)	24.1 (53.1)				20.8 (45.8)	24.3 (53.5)	24.2 (53.3)			
32 (104'12")	18.9 (41.6)	21.7 (47.8)	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")	16.5 (36.3)	19.6 (43.2)	20.6 (45.4)	19.6 (43.2)			17.2 (37.9)	19.9 (43.8)	20.6 (45.4)	19.6 (43.2)		
36 (118'1")		17.6 (38.8)	19.2 (42.3)	18.3 (40.3)			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)			15.3 (33.7)	16.8 (37)	15.9 (35)	15.1 (33.2)	
42 (137'10")				15.0 (33)	14.2 (31.3)	13.5 (29.7)		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)	12.7 (27.9)			14.7 (32.4)	14.1 (31)	13.4 (29.5)	12.6 (27.7)
46 (150'11")						11.9 (26.2)				13.3 (29.3)	12.5 (27.5)	11.8 (26)
48 (157'6")						11.3 (24.9)					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")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	34.5 (113'2")											
	40 (131'3")						43 (141'1")					
Length of luffing jib(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
Boom angle(°)												
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")	35.8 (78.9)						30.2 (66.5)					
18 (59'1")	33.5 (73.8)						28.6 (63)					
20 (65'7")	31.1 (68.5)						26.4 (58.2)					
22 (72'2")	28.6 (63)	30.7 (67.6)					24.6 (54.2)	26.4 (58.2)				
24 (78'9")	25.9 (57)	28.3 (62.3)					23.0 (50.7)	24.6 (54.2)				
26 (85'4")	23.5 (51.8)	26.3 (57.9)					21.4 (47.1)	23.0 (50.7)				
28 (91'10")	21.6 (47.6)	24.3 (53.5)					20.2 (44.5)	21.5 (47.3)				
30 (98'5")	19.9 (43.8)	22.3 (49.1)	23.6 (52)				19.0 (41.8)	20.3 (44.7)	23.0 (50.7)			
32 (104'12")	18.9 (41.6)	20.6 (45.4)	21.9 (48.2)				18.0 (39.6)	19.2 (42.3)	21.5 (47.3)			
34 (111'7")	17.1 (37.6)	19.0 (41.8)	20.4 (44.9)				17.0 (37.4)	18.1 (39.9)	20.2 (44.5)			
36 (118'1")	15.8 (34.8)	17.6 (38.8)	19.0 (41.8)	18.2 (40.1)			15.7 (34.6)	17.1 (37.6)	18.9 (41.6)	18.1 (39.9)		
38 (124'8")	14.3 (31.5)	16.5 (36.3)	17.8 (39.2)	16.9 (37.2)			14.5 (31.9)	16.3 (35.9)	17.6 (38.8)	16.7 (36.8)		
40 (131'3")	13.2 (29.1)	15.4 (33.9)	16.7 (36.8)	15.8 (34.8)			13.4 (29.5)	15.5 (34.1)	16.5 (36.3)	15.6 (34.3)		
42 (137'10")		14.0 (30.8)	15.7 (34.6)	14.8 (32.6)	14.0 (30.8)		12.3 (27.1)	14.3 (31.5)	15.5 (34.1)	14.7 (32.4)	13.8 (30.4)	
44 (144'4")		13.0 (28.6)	14.6 (32.1)	13.9 (30.6)	13.2 (29.1)		11.1 (24.4)	13.3 (29.3)	14.6 (32.1)	13.8 (30.4)	13.0 (28.6)	
46 (150'11")			13.5 (29.7)	13.1 (28.8)	12.4 (27.3)	11.7 (25.7)		12.2 (26.8)	13.5 (29.7)	13.0 (28.6)	12.2 (26.8)	11.5 (25.3)
48 (157'6")				11.8 (26)	11.7 (25.7)	11.0 (24.2)		11.0 (24.2)	12.5 (27.5)	12.2 (26.8)	11.5 (25.3)	10.8 (23.8)
50 (164'0")					11.1 (24.4)	10.4 (22.9)			11.6 (25.5)	11.6 (25.5)	10.9 (24)	10.2 (22.4)
52 (170'7")						9.9 (21.8)				11.0 (24.2)	10.3 (22.7)	9.7 (21.3)
54 (177'2")						9.4 (20.7)					9.8 (21.6)	9.2 (20.2)
56 (183'9")											9.4 (20.7)	8.8 (19.4)
58 (190'3")												8.4 (18.5)
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg/((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	34.5 (113'2")											
	46 (150'11")						49 (160'9")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")	25.2 (55.5)						21.8 (48)					
20 (65'7")	23.2 (51.1)						20.0 (44)					
22 (72'2")	21.6 (47.6)						18.6 (41)					
24 (78'9")	20.1 (44.3)						17.3 (38.1)					
26 (85'4")	18.8 (41.4)	20.3 (44.7)					16.1 (35.4)	17.6 (38.8)				
28 (91'10")	17.7 (39)	19.0 (41.8)					15.2 (33.5)	16.5 (36.3)				
30 (98'5")	16.6 (36.5)	17.9 (39.4)					14.2 (31.3)	15.5 (34.1)				
32 (104'12")	15.7 (34.6)	16.9 (37.2)					13.4 (29.5)	14.6 (32.1)				
34 (111'7")	14.8 (32.6)	15.8 (34.8)	17.7 (39)				12.6 (27.7)	13.6 (29.9)	15.2 (33.5)			
36 (118'1")	13.7 (30.2)	15.0 (33)	16.5 (36.3)				11.8 (26)	12.9 (28.4)	14.2 (31.3)			
38 (124'8")	12.8 (28.2)	14.3 (31.5)	15.5 (34.1)				11.0 (24.2)	12.2 (26.8)	13.3 (29.3)			
40 (131'3")	11.8 (26)	13.5 (29.7)	14.5 (31.9)	14.2 (31.3)			10.3 (22.7)	11.6 (25.5)	12.5 (27.5)	12.8 (28.2)		
42 (137'10")	11.0 (24.2)	12.5 (27.5)	13.6 (29.9)	13.4 (29.5)			9.7 (21.3)	10.8 (23.8)	11.8 (26)	12.1 (26.6)		
44 (144'4")	10.0 (22)	11.7 (25.7)	12.9 (28.4)	12.6 (27.7)			8.9 (19.6)	10.1 (22.2)	11.1 (24.4)	11.4 (25.1)		
46 (150'11")	9.0 (19.8)	10.9 (24)	11.9 (26.2)	11.8 (26)	11.6 (25.5)		8.1 (17.8)	9.5 (20.9)	10.4 (22.9)	10.7 (23.5)	11.0 (24.2)	
48 (157'6")		9.9 (21.8)	11.2 (24.6)	11.2 (24.6)	11.0 (24.2)			8.8 (19.4)	9.8 (21.6)	10.1 (22.2)	10.4 (22.9)	
50 (164'0")			10.4 (22.9)	10.6 (23.3)	10.4 (22.9)				9.2 (20.2)	9.7 (21.3)	9.8 (21.6)	
52 (170'7")				10.1 (22.2)	9.8 (21.6)	9.6 (21.1)				9.1 (20)	9.4 (20.7)	9.6 (21.1)
54 (177'2")					9.3 (20.5)	9.1 (20)					8.8 (19.4)	9.0 (19.8)
56 (183'9")					8.9 (19.6)	8.7 (19.1)					8.4 (18.5)	8.6 (18.9)
58 (190'3")						8.3 (18.2)						8.2 (18)
60 (196'10")						7.9 (17.4)						7.8 (17.1)
62 (203'5")												7.3 (16)
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom(m) (ft)	34.5 (113'2")											
	52 (170'7")						55 (180'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")	18.4 (40.5)											
20 (65'7")	16.8 (37)											
22 (72'2")	15.6 (34.3)						13.5 (29.7)					
24 (78'9")	14.5 (31.9)						12.5 (27.5)					
26 (85'4")	13.5 (29.7)	15.0 (33)					11.7 (25.7)					
28 (91'10")	12.6 (27.7)	14.0 (30.8)					10.9 (24)					
30 (98'5")	11.8 (26)	13.1 (28.8)					10.2 (22.4)	11.3 (24.9)				
32 (104'12")	11.1 (24.4)	12.2 (26.8)					9.6 (21.1)	10.5 (23.1)				
34 (111'7")	10.4 (22.9)	11.4 (25.1)	12.6 (27.7)				8.8 (19.4)	9.9 (21.8)				
36 (118'1")	9.8 (21.6)	10.8 (23.8)	11.8 (26)				8.2 (18)	9.2 (20.2)				
38 (124'8")	9.3 (20.5)	10.2 (22.4)	11.1 (24.4)				7.7 (16.9)	8.6 (18.9)	9.6 (21.1)			
40 (131'3")	8.8 (19.4)	9.6 (21.1)	10.5 (23.1)	11.4 (25.1)			7.1 (15.6)	8.0 (17.6)	8.9 (19.6)			
42 (137'10")	8.4 (18.5)	9.1 (20)	9.9 (21.8)	10.8 (23.8)			6.7 (14.7)	7.4 (16.3)	8.3 (18.2)			
44 (144'4")	7.9 (17.4)	8.6 (18.9)	9.4 (20.7)	10.2 (22.4)			6.2 (13.6)	6.9 (15.2)	7.7 (16.9)	8.6 (18.9)		
46 (150'11")	7.5 (16.5)	8.2 (18)	8.9 (19.6)	9.6 (21.1)	10.4 (22.9)		5.8 (12.7)	6.5 (14.3)	7.2 (15.8)	8.0 (17.6)		
48 (157'6")	7.1 (15.6)	7.8 (17.1)	8.4 (18.5)	9.1 (20)	9.9 (21.8)		5.4 (11.9)	6.0 (13.2)	6.7 (14.7)	7.4 (16.3)	6.6 (14.5)	
50 (164'0")	6.8 (14.9)	7.3 (16)	8.0 (17.6)	8.7 (19.1)	9.3 (20.5)		5.1 (11.2)	5.6 (12.3)	6.3 (13.8)	7.0 (15.4)	6.2 (13.6)	
52 (170'7")	6.5 (14.3)	7.0 (15.4)	7.5 (16.5)	8.2 (18)	8.9 (19.6)	9.5 (20.9)		5.2 (11.4)	5.8 (12.7)	6.5 (14.3)	5.9 (13)	
54 (177'2")		6.7 (14.7)	7.2 (15.8)	7.8 (17.1)	8.4 (18.5)	9.0 (19.8)			5.5 (12.1)	6.0 (13.2)	5.6 (12.3)	
56 (183'9")		6.4 (14.1)	6.9 (15.2)	7.4 (16.3)	8.0 (17.6)	8.6 (18.9)			5.1 (11.2)	5.7 (12.5)	5.3 (11.6)	
58 (190'3")			6.6 (14.5)	7.1 (15.6)	7.7 (16.9)	8.1 (17.8)				5.3 (11.6)	5.1 (11.2)	
60 (196'10")				6.8 (14.9)	7.2 (15.8)	7.7 (16.9)				5.0 (11)	4.8 (10.5)	
62 (203'5")				6.5 (14.3)	6.9 (15.2)	7.3 (16)					4.6 (10.1)	
64 (209'12")					6.6 (14.5)	6.9 (15.2)					4.4 (9.7)	
66 (216'6")						6.6 (14.5)						
68 (223'1")						6.3 (13.8)						
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg/(187.8+12.8)×1000lb

Unit:kg(lb)×1000

Length of main boom(m) (ft)	34.5 (113'2")											
	58 (190'3")						61 (200'2")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")												
22 (72'2")	11.5 (25.3)						9.4 (20.7)					
24 (78'9")	10.6 (23.3)						8.7 (19.1)					
26 (85'4")	9.9 (21.8)						8.1 (17.8)					
28 (91'10")	9.2 (20.2)						7.4 (16.3)					
30 (98'5")	8.6 (18.9)	9.5 (20.9)					6.9 (15.2)	7.8 (17.1)				
32 (104'12")	8.0 (17.6)	8.8 (19.4)					6.4 (14.1)	7.1 (15.6)				
34 (111'7")	7.3 (16)	8.3 (18.2)					5.7 (12.5)	6.7 (14.7)				
36 (118'1")	6.6 (14.5)	7.6 (16.7)					5.0 (11)	6.0 (13.2)				
38 (124'8")	6.0 (13.2)	7.0 (15.4)	8.0 (17.6)				4.4 (9.7)	5.4 (11.9)	6.4 (14.1)			
40 (131'3")	5.4 (11.9)	6.3 (13.8)	7.3 (16)				3.8 (8.3)	4.7 (10.3)	5.7 (12.5)			
42 (137'10")	5.0 (11)	5.7 (12.5)	6.6 (14.5)				3.3 (7.2)	4.1 (9)	5.0 (11)			
44 (144'4")	4.5 (9.9)	5.2 (11.4)	6.1 (13.4)	6.9 (15.2)			2.8 (6.1)	3.6 (7.9)	4.4 (9.7)	5.3 (11.6)		
46 (150'11")	4.1 (9)	4.8 (10.5)	5.5 (12.1)	6.3 (13.8)			2.3 (5)	3.1 (6.8)	3.9 (8.5)	4.7 (10.3)		
48 (157'6")	3.7 (8.1)	4.3 (9.4)	5.0 (11)	5.7 (12.5)			1.9 (4.1)	2.6 (5.7)	3.3 (7.2)	4.1 (9)		
50 (164'0")	3.3 (7.2)	3.9 (8.5)	4.6 (10.1)	5.3 (11.6)				2.1 (4.6)	2.9 (6.3)	3.6 (7.9)		
52 (170'7")		2.3 (5)	4.1 (9)	4.8 (10.5)					2.3 (5)	3.1 (6.8)		
54 (177'2")			3.7 (8.1)	4.3 (9.4)					1.9 (4.1)	2.6 (5.7)		
56 (183'9")			2.3 (5)	3.9 (8.5)						2.1 (4.6)		
58 (190'3")				3.4 (7.4)								
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	37.5 (123'0")											
	22 (72'2")						25 (82'0")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
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)			24.2 (53.3)	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")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	37.5 (123'0")											
	28 (91'10")						31 (101'8")					
Length of luffing jib(m) (ft)												
Beam angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")	54.6 (120.3)						54.6 (120.3)					
16 (52'6")	50.4 (111.1)						50.2 (110.6)					
18 (59'1")	42.5 (93.6)						42.6 (93.9)					
20 (65'7")	36.4 (80.2)	39.8 (87.7)					36.5 (80.4)	39.0 (85.9)				
22 (72'2")	31.6 (69.6)	36.3 (80)					31.7 (69.8)	35.5 (78.2)				
24 (78'9")	27.8 (61.2)	33.0 (72.7)	31.4 (69.2)				27.9 (61.5)	32.5 (71.6)	30.9 (68.1)			
26 (85'4")	24.5 (54)	30.1 (66.3)	28.6 (63)				24.9 (54.8)	30.1 (66.3)	28.5 (62.8)			
28 (91'10")	22.1 (48.7)	26.9 (59.3)	26.1 (57.5)				22.3 (49.1)	27.2 (59.9)	25.9 (57)			
30 (98'5")		23.9 (52.6)	23.9 (52.6)	22.7 (50)			20.1 (44.3)	24.3 (53.5)	23.8 (52.4)	22.6 (49.8)		
32 (104'12")			22.1 (48.7)	20.9 (46)			18.1 (39.9)	21.8 (48)	21.9 (48.2)	20.8 (45.8)		
34 (111'7")				19.4 (42.7)				19.8 (43.6)	20.3 (44.7)	19.3 (42.5)		
36 (118'1")				18.1 (39.9)	16.9 (37.2)			17.9 (39.4)	18.9 (41.6)	18.0 (39.6)	16.7 (36.8)	
38 (124'8")					15.8 (34.8)				17.6 (38.8)	16.7 (36.8)	15.6 (34.3)	
40 (131'3")					14.8 (32.6)	14.0 (30.8)				15.7 (34.6)	14.6 (32.1)	13.9 (30.6)
42 (137'10")						13.1 (28.8)				14.7 (32.4)	13.7 (30.2)	13.0 (28.6)
44 (144'4")						12.2					13.0 (28.6)	12.2 (26.8)
46 (150'11")												11.5 (25.3)
48 (157'6")												10.9 (24)
50 (164'0")												
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	37.5 (123'0")											
	34 (111'7")						37 (121'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")	47.9 (105.6)						41.3 (91)					
16 (52'6")	45.7 (100.7)						41.3 (91)					
18 (59'1")	40.6 (89.5)						38.6 (85)					
20 (65'7")	36.2 (79.8)						35.8 (78.9)					
22 (72'2")	32.3 (71.2)	34.8 (76.7)					32.9 (72.5)	34.2 (75.3)				
24 (78'9")	28.4 (62.6)	31.9 (70.3)					28.9 (63.7)	31.3 (69)				
26 (85'4")	25.3 (55.7)	29.5 (65)					25.7 (56.6)	28.9 (63.7)				
28 (91'10")	22.7 (50)	27.0 (59.5)	25.7 (56.6)				23.1 (50.9)	26.8 (59)	25.4 (55.9)			
30 (98'5")	20.5 (45.1)	24.5 (54)	23.7 (52.2)				20.8 (45.8)	24.8 (54.6)	23.6 (52)			
32 (104'12")	18.5 (40.7)	22.1 (48.7)	21.9 (48.2)				19.0 (41.8)	22.3 (49.1)	21.9 (48.2)			
34 (111'7")	16.8 (37)	20.0 (44)	20.3 (44.7)	19.2 (42.3)			17.3 (38.1)	20.2 (44.5)	20.3 (44.7)	19.2 (42.3)		
36 (118'1")		18.2 (40.1)	18.9 (41.6)	17.9 (39.4)			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)			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)			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")						10.3 (22.7)					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 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	37.5 (123'0")											
	40 (131'3")						43 (141'1")					
Length of luffing jib(m) (ft)												
Boom angle(°)												
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
12 (39'4")												
14 (45'11")												
16 (52'6")	35.8 (78.9)						30.3 (66.7)					
18 (59'1")	33.6 (74)						28.7 (63.2)					
20 (65'7")	31.2 (68.7)						26.5 (58.4)					
22 (72'2")	28.7 (63.2)						24.6 (54.2)					
24 (78'9")	25.9 (57)	28.1 (61.9)					23.0 (50.7)	24.9 (54.8)				
26 (85'4")	23.6 (52)	26.1 (57.5)					21.5 (47.3)	23.3 (51.3)				
28 (91'10")	21.6 (47.6)	24.3 (53.5)					20.2 (44.5)	21.7 (47.8)				
30 (98'5")	19.9 (43.8)	22.6 (49.8)	23.1 (50.9)				19.1 (42.1)	20.5 (45.1)	22.5 (49.6)			
32 (104'12")	18.5 (40.7)	20.8 (45.8)	21.5 (47.3)				18.1 (39.9)	19.3 (42.5)	21.0 (46.2)			
34 (111'7")	17.2 (37.9)	19.2 (42.3)	20.0 (44)				17.0 (37.4)	18.3 (40.3)	19.7 (43.4)			
36 (118'1")	15.9 (35)	17.9 (39.4)	18.7 (41.2)	17.6 (38.8)			15.8 (34.8)	17.3 (38.1)	18.5 (40.7)	17.3 (38.1)		
38 (124'8")	14.4 (31.7)	16.7 (36.8)	17.5 (38.5)	16.5 (36.3)			14.5 (31.9)	16.5 (36.3)	17.3 (38.1)	16.3 (35.9)		
40 (131'3")	13.3 (29.3)	15.6 (34.3)	16.4 (36.1)	15.4 (33.9)			13.4 (29.5)	15.7 (34.6)	16.2 (35.7)	15.2 (33.5)		
42 (137'10")		14.3 (31.5)	15.4 (33.9)	14.5 (31.9)	13.6 (29.9)		12.3 (27.1)	14.5 (31.9)	15.2 (33.5)	14.3 (31.5)	13.4 (29.5)	
44 (144'4")			14.5 (31.9)	13.6 (29.9)	12.8 (28.2)		11.2 (24.6)	13.4 (29.5)	14.3 (31.5)	13.4 (29.5)	12.5 (27.5)	
46 (150'11")				12.8 (28.2)	11.9 (26.2)			12.4 (27.3)	13.5 (29.7)	12.5 (27.5)	11.7 (25.7)	
48 (157'6")				12.1 (26.6)	11.3 (24.9)	10.6 (23.3)		11.4 (25.1)	12.8 (28.2)	11.8 (26)	11.0 (24.2)	10.3 (22.7)
50 (164'0")					10.7 (23.5)	9.9 (21.8)			11.8 (26)	11.2 (24.6)	10.4 (22.9)	9.7 (21.3)
52 (170'7")					10.2 (22.4)	9.4 (20.7)				10.6 (23.3)	9.9 (21.8)	9.2 (20.2)
54 (177'2")						8.9 (19.6)				10.1 (22.2)	9.4 (20.7)	8.7 (19.1)
56 (183'9")						8.5 (18.7)					9.0 (19.8)	8.3 (18.2)
58 (190'3")												7.9 (17.4)
60 (196'10")												7.5 (16.5)
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	37.5 (123'0")											
Length of luffing jib(m) (ft)	46 (150'11")						49 (160'9")					
	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")	25.2 (55.5)						21.8 (48)					
20 (65'7")	23.3 (51.3)						20.1 (44.3)					
22 (72'2")	21.6 (47.6)						18.6 (41)					
24 (78'9")	20.1 (44.3)						17.3 (38.1)					
26 (85'4")	18.9 (41.6)	20.6 (45.4)					16.2 (35.7)	17.9 (39.4)				
28 (91'10")	17.7 (39)	19.2 (42.3)					15.2 (33.5)	16.7 (36.8)				
30 (98'5")	16.7 (36.8)	18.1 (39.9)					14.2 (31.3)	15.6 (34.3)				
32 (104'12")	15.7 (34.6)	17.0 (37.4)					13.4 (29.5)	14.7 (32.4)				
34 (111'7")	14.8 (32.6)	16.0 (35.2)	17.4 (38.3)				12.6 (27.7)	13.8 (30.4)	15.1 (33.2)			
36 (118'1")	13.8 (30.4)	15.2 (33.5)	16.3 (35.9)				11.8 (26)	13.1 (28.8)	14.2 (31.3)			
38 (124'8")	12.8 (28.2)	14.4 (31.7)	15.3 (33.7)				11.0 (24.2)	12.3 (27.1)	13.3 (29.3)			
40 (131'3")	11.8 (26)	13.7 (30.2)	14.3 (31.5)	14.0 (30.8)			10.3 (22.7)	11.7 (25.7)	12.5 (27.5)	12.9 (28.4)		
42 (137'10")	11.0 (24.2)	12.7 (27.9)	13.5 (29.7)	13.2 (29.1)			9.7 (21.3)	10.9 (24)	11.8 (26)	12.1 (26.6)		
44 (144'4")	10.1 (22.2)	11.8 (26)	12.7 (27.9)	12.4 (27.3)			9.0 (19.8)	10.2 (22.4)	11.1 (24.4)	11.4 (25.1)		
46 (150'11")	9.1 (20)	11.0 (24.2)	12.0 (26.4)	11.6 (25.5)			8.2 (18)	9.6 (21.1)	10.5 (23.1)	10.7 (23.5)		
48 (157'6")		10.2 (22.4)	11.3 (24.9)	11.0 (24.2)	10.7 (23.5)			9.0 (19.8)	9.9 (21.8)	10.1 (22.2)	10.5 (23.1)	
50 (164'0")			10.6 (23.3)	10.4 (22.9)	10.1 (22.2)				9.3 (20.5)	9.6 (21.1)	9.9 (21.8)	
52 (170'7")				9.9 (21.8)	9.6 (21.1)					9.1 (20)	9.4 (20.7)	
54 (177'2")				9.4 (20.7)	9.1 (20)	8.6 (18.9)				8.7 (19.1)	8.9 (19.6)	8.6 (18.9)
56 (183'9")					8.7 (19.1)	8.2 (18)					8.4 (18.5)	8.1 (17.8)
58 (190'3")						7.8 (17.1)						7.7 (16.9)
60 (196'10")						7.4 (16.3)						7.3 (16)
62 (203'5")						7.0 (15.4)						6.9 (15.2)
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	37.5 (123'0")											
Length of luffing jib(m) (ft)	52 (170'7")						55 (180'5")					
	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")	18.4 (40.5)											
20 (65'7")	16.9 (37.2)											
22 (72'2")	15.6 (34.3)						13.5 (29.7)					
24 (78'9")	14.5 (31.9)						12.5 (27.5)					
26 (85'4")	13.6 (29.9)	15.2 (33.5)					11.7 (25.7)					
28 (91'10")	12.6 (27.7)	14.2 (31.3)					10.9 (24)					
30 (98'5")	11.8 (26)	13.2 (29.1)					10.2 (22.4)	11.4 (25.1)				
32 (104'12")	11.1 (24.4)	12.3 (27.1)					9.6 (21.1)	10.6 (23.3)				
34 (111'7")	10.4 (22.9)	11.6 (25.5)	12.9 (28.4)				8.8 (19.4)	10.0 (22)				
36 (118'1")	9.8 (21.6)	10.9 (24)	12.0 (26.4)				8.2 (18)	9.4 (20.7)				
38 (124'8")	9.3 (20.5)	10.2 (22.4)	11.3 (24.9)				7.7 (16.9)	8.6 (18.9)	9.8 (21.6)			
40 (131'3")	8.8 (19.4)	9.7 (21.3)	10.6 (23.3)	11.7 (25.7)			7.1 (15.6)	8.1 (17.8)	9.0 (19.8)			
42 (137'10")	8.4 (18.5)	9.2 (20.2)	10.1 (22.2)	11.0 (24.2)			6.7 (14.7)	7.5 (16.5)	8.5 (18.7)			
44 (144'4")	7.9 (17.4)	8.7 (19.1)	9.5 (20.9)	10.4 (22.9)			6.2 (13.6)	7.0 (15.4)	7.8 (17.1)			
46 (150'11")	7.5 (16.5)	8.2 (18)	9.0 (19.8)	9.8 (21.6)			5.8 (12.7)	6.5 (14.3)	7.3 (16)	8.2 (18)		
48 (157'6")	7.1 (15.6)	7.8 (17.1)	8.5 (18.7)	9.3 (20.5)	10.2 (22.4)		5.4 (11.9)	6.1 (13.4)	6.8 (14.9)	7.7 (16.9)		
50 (164'0")	6.8 (14.9)	7.4 (16.3)	8.1 (17.8)	8.8 (19.4)	9.6 (21.1)		5.1 (11.2)	5.7 (12.5)	6.4 (14.1)	7.1 (15.6)	6.4 (14.1)	
52 (170'7")	6.5 (14.3)	7.0 (15.4)	7.7 (16.9)	8.4 (18.5)	9.1 (20)			5.3 (11.6)	5.9 (13)	6.7 (14.7)	6.1 (13.4)	
54 (177'2")		7.0 (15.4)	7.3 (16)	8.0 (17.6)	8.7 (19.1)	8.6 (18.9)			5.6 (12.3)	6.2 (13.6)	5.8 (12.7)	
56 (183'9")		6.4 (14.1)	7.0 (15.4)	7.5 (16.5)	8.2 (18)	8.1 (17.8)			5.2 (11.4)	5.8 (12.7)	5.4 (11.9)	
58 (190'3")			6.7 (14.7)	7.2 (15.8)	7.9 (17.4)	7.7 (16.9)				5.5 (12.1)	5.2 (11.4)	
60 (196'10")			6.4 (14.1)	6.9 (15.2)	7.4 (16.3)	7.2 (15.8)				5.1 (11.2)	5.0 (11)	
62 (203'5")				6.6 (14.5)	7.1 (15.6)	6.8 (14.9)					4.8 (10.5)	
64 (209'12")					6.8 (14.9)	6.4 (14.1)					4.6 (10.1)	
66 (216'6")					6.5 (14.3)	6.1 (13.4)						
68 (223'1")						5.8 (12.7)						
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom(m) (ft)	37.5 (123'0")											
	58 (190'3")						61 (200'2")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")												
22 (72'2")	11.5 (25.3)						9.4 (20.7)					
24 (78'9")	10.6 (23.3)						8.7 (19.1)					
26 (85'4")	9.9 (21.8)						8.1 (17.8)					
28 (91'10")	9.2 (20.2)						7.4 (16.3)					
30 (98'5")	8.6 (18.9)	9.6 (21.1)					6.9 (15.2)	7.9 (17.4)				
32 (104'12")	8.0 (17.6)	8.9 (19.6)					6.4 (14.1)	7.2 (15.8)				
34 (111'7")	7.3 (16)	8.4 (18.5)					5.7 (12.5)	6.7 (14.7)				
36 (118'1")	6.6 (14.5)	7.8 (17.1)					5.0 (11)	6.2 (13.6)				
38 (124'8")	6.0 (13.2)	7.1 (15.6)	8.2 (18)				4.4 (9.7)	5.5 (12.1)	6.6 (14.5)			
40 (131'3")	5.5 (12.1)	6.4 (14.1)	7.5 (16.5)				3.9 (8.5)	4.8 (10.5)	5.9 (13)			
42 (137'10")	5.0 (11)	5.8 (12.7)	6.8 (14.9)				3.3 (7.2)	4.2 (9.2)	5.2 (11.4)			
44 (144'4")	4.5 (9.9)	5.3 (11.6)	6.0 (13.2)				2.8 (6.1)	3.7 (8.1)	4.3 (9.4)			
46 (150'11")	4.1 (9)	4.8 (10.5)	5.6 (12.3)	6.6 (14.5)			2.3 (5)	3.2 (7)	4.0 (8.8)	5.0 (11)		
48 (157'6")	3.7 (8.1)	4.4 (9.7)	5.1 (11.2)	6.0 (13.2)			1.9 (4.1)	2.7 (5.9)	3.5 (7.7)	4.4 (9.7)		
50 (164'0")	3.1 (6.8)	4.0 (8.8)	4.7 (10.3)	5.4 (11.9)				2.2 (4.8)	3.0 (6.6)	3.8 (8.3)		
52 (170'7")		3.1 (6.8)	4.2 (9.2)	5.0 (11)					2.4 (5.2)	3.3 (7.2)		
54 (177'2")			3.8 (8.3)	4.5 (9.9)					2.0 (4.4)	2.8 (6.1)		
56 (183'9")			3.3 (7.2)	4.1 (9)						2.3 (5)		
58 (190'3")				3.7 (8.1)						1.9 (4.1)		
60 (196'10")				3.2 (7)								
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	40.5 (132'10")											
	22 (72'2")						25 (82'0")					
Length of luffing jib(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
Boom angle(°)												
Radius(m) (ft)												
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")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	40.5 (132'10")											
	28 (91'10")						31 (101'8")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")	54.6 (120.3)						54.6 (120.3)					
16 (52'6")	50.2 (110.6)						49.3 (108.6)					
18 (59'1")	42.8 (94.3)						42.9 (94.5)					
20 (65'7")	36.6 (80.6)	38.9 (85.7)					36.7 (80.9)	38.0 (83.7)				
22 (72'2")	31.8 (70.1)	35.4 (78)					31.9 (70.3)	34.7 (76.4)				
24 (78'9")	27.9 (61.5)	32.5 (71.6)					28.1 (61.9)	31.8 (70.1)				
26 (85'4")	24.8 (54.6)	29.8 (65.6)	28.1 (61.9)				25.0 (55.1)	29.4 (64.8)	27.6 (60.8)			
28 (91'10")	22.1 (48.7)	27.4 (60.4)	25.8 (56.8)				22.3 (49.1)	27.3 (60.1)	25.6 (56.4)			
30 (98'5")		24.5 (54)	23.6 (52)				20.2 (44.5)	24.8 (54.6)	23.5 (51.8)			
32 (104'12")			21.8 (48)	20.6 (45.4)			18.3 (40.3)	22.2 (48.9)	21.6 (47.6)	20.4 (44.9)		
34 (111'7")			20.1 (44.3)	19.0 (41.8)				20.1 (44.3)	20.0 (44)	18.9 (41.6)		
36 (118'1")				17.7 (39)	16.4 (36.1)			18.2 (40.1)	18.6 (41)	17.5 (38.5)	16.2 (35.7)	
38 (124'8")					15.3 (33.7)				17.3 (38.1)	16.3 (35.9)	15.1 (33.2)	
40 (131'3")					14.3 (31.5)				16.2 (35.7)	15.3 (33.7)	14.2 (31.3)	
42 (137'10")						12.6 (27.7)				14.4 (31.7)	13.3 (29.3)	12.4 (27.3)
44 (144'4")							11.9 (26.2)				12.4 (27.3)	11.7 (25.7)
46 (150'11")							11.2 (24.6)				11.8 (26)	11.0 (24.2)
48 (157'6")												10.4 (22.9)
50 (164'0")												9.9 (21.8)
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	40.5 (132'10")											
Length of luffing jib(m) (ft)	34 (111'7")						37 (121'5")					
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")	45.3 (99.8)						41.3 (91)					
18 (59'1")	40.8 (89.9)						38.7 (85.3)					
20 (65'7")	36.3 (80)						35.9 (79.1)					
22 (72'2")	32.4 (71.4)	34.0 (74.9)					32.9 (72.5)	33.4 (73.6)				
24 (78'9")	28.6 (63)	31.2 (68.7)					29.1 (64.1)	30.6 (67.4)				
26 (85'4")	25.4 (55.9)	28.8 (63.4)					25.8 (56.8)	28.3 (62.3)				
28 (91'10")	22.7 (50)	26.8 (59)	25.1 (55.3)				23.2 (51.1)	26.2 (57.7)	24.6 (54.2)			
30 (98'5")	20.6 (45.4)	24.6 (54.2)	23.2 (51.1)				20.9 (46)	24.4 (53.7)	22.8 (50.2)			
32 (104'12")	18.6 (41)	22.5 (49.6)	21.5 (47.3)				19.0 (41.8)	22.7 (50)	21.4 (47.1)			
34 (111'7")	16.9 (37.2)	20.3 (44.7)	20.0 (44)	18.8 (41.4)			17.3 (38.1)	20.6 (45.4)	20.1 (44.3)	18.8 (41.4)		
36 (118'1")		18.4 (40.5)	18.6 (41)	17.5 (38.5)			15.9 (35)	18.7 (41.2)	18.7 (41.2)	17.4 (38.3)		
38 (124'8")			17.4 (38.3)	16.3 (35.9)			14.5 (31.9)	17.1 (37.6)	17.4 (38.3)	16.2 (35.7)		
40 (131'3")			16.3 (35.9)	15.2 (33.5)	14.2 (31.3)			15.7 (34.6)	16.3 (35.9)	15.2 (33.5)	14.2 (31.3)	
42 (137'10")				14.3 (31.5)	13.3 (29.3)			14.4 (31.7)	15.3 (33.7)	14.3 (31.5)	13.3 (29.3)	
44 (144'4")					12.5 (27.5)				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")						9.8 (21.6)					10.5 (23.1)	9.8 (21.6)
52 (170'7")						9.4 (20.7)					10.0 (22)	9.3 (20.5)
54 (177'2")												8.8 (19.4)
56 (183'9")												8.4 (18.5)
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	40.5 (132'10")											
	40 (131'3")						43 (141'1")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")	35.8 (78.9)						30.3 (66.7)					
18 (59'1")	33.7 (74.2)						28.8 (63.4)					
20 (65'7")	31.3 (69)						26.7 (58.8)					
22 (72'2")	28.8 (63.4)						24.7 (54.4)					
24 (78'9")	26.1 (57.5)	27.9 (61.5)					23.1 (50.9)	25.2 (55.5)				
26 (85'4")	23.7 (52.2)	25.9 (57)					21.5 (47.3)	23.5 (51.8)				
28 (91'10")	21.7 (47.8)	24.1 (53.1)					20.2 (44.5)	22.0 (48.5)				
30 (98'5")	20.0 (44)	22.5 (49.6)	22.3 (49.1)				19.1 (42.1)	20.7 (45.6)	21.8 (48)			
32 (104'12")	18.5 (40.7)	21.1 (46.5)	20.9 (46)				18.1 (39.9)	19.5 (42.9)	20.4 (44.9)			
34 (111'7")	17.2 (37.9)	19.5 (42.9)	19.6 (43.2)				17.1 (37.6)	18.5 (40.7)	19.1 (42.1)			
36 (118'1")	15.9 (35)	18.1 (39.9)	18.3 (40.3)				15.8 (34.8)	17.4 (38.3)	18.0 (39.6)			
38 (124'8")	14.5 (31.9)	16.9 (37.2)	17.1 (37.6)	16.0 (35.2)			14.6 (32.1)	16.6 (36.5)	16.8 (37)	15.7 (34.6)		
40 (131'3")	13.4 (29.5)	15.8 (34.8)	16.1 (35.4)	15.0 (33)			13.4 (29.5)	15.8 (34.8)	15.9 (35)	14.8 (32.6)		
42 (137'10")		14.5 (31.9)	15.1 (33.2)	14.1 (31)			12.4 (27.3)	14.7 (32.4)	14.9 (32.8)	13.9 (30.6)		
44 (144'4")			14.2 (31.3)	13.2 (29.1)	12.3 (27.1)		11.3 (24.9)	13.6 (29.9)	14.0 (30.8)	13.0 (28.6)	12.0 (26.4)	
46 (150'11")			13.4 (29.5)	12.4 (27.3)	11.6 (25.5)			12.5 (27.5)	13.2 (29.1)	12.2 (26.8)	11.3 (24.9)	
48 (157'6")				11.8 (26)	10.9 (24)			11.6 (25.5)	12.4 (27.3)	11.5 (25.3)	10.6 (23.3)	
50 (164'0")					10.3 (22.7)	9.5 (20.9)			11.8 (26)	10.9 (24)	10.0 (22)	9.2 (20.2)
52 (170'7")					9.7 (21.3)	9.0 (19.8)			11.2 (24.6)	10.3 (22.7)	9.5 (20.9)	8.7 (19.1)
54 (177'2")						8.5 (18.7)				9.8 (21.6)	9.0 (19.8)	8.2 (18)
56 (183'9")						8.1 (17.8)					8.6 (18.9)	7.8 (17.1)
58 (190'3")							8.0				8.2 (18)	7.7 (16.9)
60 (196'10")												7.0 (15.4)
62 (203'5")												6.7 (14.7)
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	40.5 (132'10")											
	46 (150'11")						49 (160'9")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	23.4 (51.5)						20.2 (44.5)					
22 (72'2")	21.7 (47.8)						18.7 (41.2)					
24 (78'9")	20.2 (44.5)						17.4 (38.3)					
26 (85'4")	18.9 (41.6)	20.8 (45.8)					16.2 (35.7)	18.1 (39.9)				
28 (91'10")	17.7 (39)	19.4 (42.7)					15.2 (33.5)	16.9 (37.2)				
30 (98'5")	16.7 (36.8)	18.3 (40.3)					14.2 (31.3)	15.8 (34.8)				
32 (104'12")	15.7 (34.6)	17.1 (37.6)					13.4 (29.5)	14.8 (32.6)				
34 (111'7")	14.9 (32.8)	16.2 (35.7)	17.1 (37.6)				12.7 (27.9)	14.0 (30.8)	15.1 (33.2)			
36 (118'1")	13.8 (30.4)	15.3 (33.7)	16.1 (35.4)				11.9 (26.2)	13.2 (29.1)	14.2 (31.3)			
38 (124'8")	12.8 (28.2)	14.5 (31.9)	15.1 (33.2)				11.1 (24.4)	12.4 (27.3)	13.3 (29.3)			
40 (131'3")	11.8 (26)	13.8 (30.4)	14.2 (31.3)				10.3 (22.7)	11.8 (26)	12.5 (27.5)			
42 (137'10")	11.1 (24.4)	12.9 (28.4)	13.3 (29.3)	13.0 (28.6)			9.7 (21.3)	11.0 (24.2)	11.8 (26)	12.2 (26.8)		
44 (144'4")	10.2 (22.4)	12.0 (26.4)	12.5 (27.5)	12.2 (26.8)			9.1 (20)	10.4 (22.9)	11.1 (24.4)	11.5 (25.3)		
46 (150'11")	9.2 (20.2)	11.1 (24.4)	11.8 (26)	11.5 (25.3)			8.3 (18.2)	9.7 (21.3)	10.4 (22.9)	10.8 (23.8)		
48 (157'6")		10.4 (22.9)	11.2 (24.6)	10.8 (23.8)	10.6 (23.3)			9.1 (20)	9.9 (21.8)	10.2 (22.4)	10.5 (23.1)	
50 (164'0")			10.6 (23.3)	10.3 (22.7)	10.0 (22)				9.4 (20.7)	9.6 (21.1)	9.9 (21.8)	
52 (170'7")			10.1 (22.2)	9.8 (21.6)	9.5 (20.9)				8.9 (19.6)	9.2 (20.2)	9.4 (20.7)	
54 (177'2")				9.2 (20.2)	8.9 (19.6)					8.7 (19.1)	8.9 (19.6)	
56 (183'9")					8.5 (18.7)	7.7 (16.9)					8.5 (18.7)	7.6 (16.7)
58 (190'3")					8.1 (17.8)	7.5 (16.5)					8.1 (17.8)	7.3 (16)
60 (196'10")						6.9 (15.2)						6.8 (14.9)
62 (203'5")						6.6 (14.5)						6.5 (14.3)
64 (209'12")												6.2 (13.6)
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	40.5 (132'10")											
Length of luffing jib(m) (ft)	52 (170'7")						55 (180'5")					
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	16.9 (37.2)											
22 (72'2")	15.7 (34.6)						13.6 (29.9)					
24 (78'9")	14.6 (32.1)						12.6 (27.7)					
26 (85'4")	13.6 (29.9)	15.4 (33.9)					11.7 (25.7)					
28 (91'10")	12.6 (27.7)	14.3 (31.5)					10.9 (24)					
30 (98'5")	11.8 (26)	13.4 (29.5)					10.2 (22.4)	11.6 (25.5)				
32 (104'12")	11.1 (24.4)	12.4 (27.3)					9.6 (21.1)	10.7 (23.5)				
34 (111'7")	10.5 (23.1)	11.7 (25.7)	13.2 (29.1)				8.9 (19.6)	10.1 (22.2)				
36 (118'1")	9.9 (21.8)	11.0 (24.2)	12.3 (27.1)				8.3 (18.2)	9.5 (20.9)				
38 (124'8")	9.3 (20.5)	10.3 (22.7)	11.5 (25.3)				7.7 (16.9)	8.7 (19.1)	9.9 (21.8)			
40 (131'3")	8.8 (19.4)	9.8 (21.6)	10.8 (23.8)				7.1 (15.6)	8.2 (18)	9.2 (20.2)			
42 (137'10")	8.4 (18.5)	9.2 (20.2)	10.2 (22.4)	11.3 (24.9)			6.7 (14.7)	7.5 (16.5)	8.6 (18.9)			
44 (144'4")	8.0 (17.6)	8.8 (19.4)	9.7 (21.3)	10.7 (23.5)			6.3 (13.8)	7.1 (15.6)	8.1 (17.8)			
46 (150'11")	7.5 (16.5)	8.3 (18.2)	9.1 (20)	10.1 (22.2)			5.8 (12.7)	6.6 (14.5)	7.4 (16.3)	8.5 (18.7)		
48 (157'6")	7.1 (15.6)	7.9 (17.4)	8.7 (19.1)	9.5 (20.9)	10.5 (23.1)		5.4 (11.9)	6.2 (13.6)	7.0 (15.4)	7.9 (17.4)		
50 (164'0")	6.8 (14.9)	7.4 (16.3)	8.2 (18)	9.0 (19.8)	9.9 (21.8)		5.1 (11.2)	5.7 (12.5)	6.5 (14.3)	7.3 (16)	6.6 (14.5)	
52 (170'7")	6.5 (14.3)	7.1 (15.6)	7.8 (17.1)	8.6 (18.9)	9.4 (20.7)			5.4 (11.9)	6.1 (13.4)	6.9 (15.2)	6.3 (13.8)	
54 (177'2")	6.2 (13.6)	6.8 (14.9)	7.4 (16.3)	8.2 (18)	8.9 (19.6)			5.0 (11)	5.7 (12.5)	6.4 (14.1)	5.9 (13)	
56 (183'9")		6.5 (14.3)	7.0 (15.4)	7.8 (17.1)	8.5 (18.7)	7.5 (16.5)			5.3 (11.6)	6.0 (13.2)	5.6 (12.3)	
58 (190'3")			6.7 (14.7)	7.3 (16)	8.1 (17.8)	7.1 (15.6)			4.9 (10.8)	5.6 (12.3)	5.4 (11.9)	
60 (196'10")			6.5 (14.3)	7.0 (15.4)	7.7 (16.9)	6.7 (14.7)				5.2 (11.4)	5.1 (11.2)	
62 (203'5")				6.7 (14.7)	7.2 (15.8)	6.3 (13.8)					4.8 (10.5)	
64 (209'12")				6.4 (14.1)	6.8 (14.9)	6.0 (13.2)					4.6 (10.1)	
66 (216'6")					6.5 (14.3)	5.7 (12.5)					4.4 (9.7)	
68 (223'1")						5.4 (11.9)						
70 (229'8")						5.1 (11.2)						
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	40.5 (132'10")											
	58 (190'3")						61 (200'2")					
Length of luffing jib(m) (ft)	58 (190'3")						61 (200'2")					
	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")												
22 (72'2")	11.5 (25.3)						9.4 (20.7)					
24 (78'9")	10.6 (23.3)						8.7 (19.1)					
26 (85'4")	9.9 (21.8)						8.1 (17.8)					
28 (91'10")	9.2 (20.2)						7.4 (16.3)					
30 (98'5")	8.6 (18.9)	9.8 (21.6)					6.9 (15.2)	8.0 (17.6)				
32 (104'12")	8.1 (17.8)	9.0 (19.8)					6.5 (14.3)	7.3 (16)				
34 (111'7")	7.3 (16)	8.5 (18.7)					5.7 (12.5)	6.8 (14.9)				
36 (118'1")	6.7 (14.7)	7.9 (17.4)					5.1 (11.2)	6.3 (13.8)				
38 (124'8")	6.0 (13.2)	7.2 (15.8)	8.3 (18.2)				4.4 (9.7)	5.6 (12.3)	6.7 (14.7)			
40 (131'3")	5.5 (12.1)	6.5 (14.3)	7.7 (16.9)				3.9 (8.5)	4.9 (10.8)	6.1 (13.4)			
42 (137'10")	5.0 (11)	5.9 (13)	7.0 (15.4)				3.3 (7.2)	4.3 (9.4)	5.4 (11.9)			
44 (144'4")	4.6 (10.1)	5.4 (11.9)	6.4 (14.1)				2.9 (6.3)	3.8 (8.3)	4.8 (10.5)			
46 (150'11")	4.1 (9)	4.9 (10.8)	5.8 (12.7)	6.8 (14.9)			2.3 (5)	3.2 (7)	4.2 (9.2)	5.2 (11.4)		
48 (157'6")	3.7 (8.1)	4.5 (9.9)	5.3 (11.6)	6.2 (13.6)			1.9 (4.1)	2.8 (6.1)	3.6 (7.9)	4.6 (10.1)		
50 (164'0")	3.3 (7.2)	4.0 (8.8)	4.8 (10.5)	5.6 (12.3)				2.2 (4.8)	3.1 (6.8)	4.0 (8.8)		
52 (170'7")		3.6 (7.9)	4.4 (9.7)	5.2 (11.4)				1.8 (3.9)	2.7 (5.9)	3.5 (7.7)		
54 (177'2")		3.2 (7)	3.9 (8.5)	4.7 (10.3)					2.1 (4.6)	3.0 (6.6)		
56 (183'9")			3.5 (7.7)	4.3 (9.4)						2.6 (5.7)		
58 (190'3")				3.8 (8.3)						2.0 (4.4)		
60 (196'10")				3.4 (7.4)								
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	43.5 (142'9")											
	22 (72'2")						25 (82'0")					
Length of luffing jib(m) (ft)												
Boom angle(°)												
Radius(m) (ft)	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")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	43.5 (142'9")											
	28 (91'10")						31 (101'8")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")	53.8 (118.6)						53.0 (116.8)					
16 (52'6")	49.3 (108.6)						48.2 (106.2)					
18 (59'1")	43.1 (95)						43.2 (95.2)					
20 (65'7")	36.8 (81.1)	37.9 (83.5)					36.9 (81.3)	37.1 (81.7)				
22 (72'2")	32.0 (70.5)	34.6 (76.2)					32.1 (70.7)	33.9 (74.7)				
24 (78'9")	28.1 (61.9)	31.7 (69.8)					28.3 (62.3)	31.0 (68.3)				
26 (85'4")	24.9 (54.8)	29.3 (64.5)	27.4 (60.4)				25.1 (55.3)	28.7 (63.2)	26.7 (58.8)			
28 (91'10")	22.2 (48.9)	27.0 (59.5)	25.1 (55.3)				22.4 (49.3)	26.6 (58.6)	24.8 (54.6)			
30 (98'5")		24.8 (54.6)	23.2 (51.1)				20.2 (44.5)	24.9 (54.8)	23.1 (50.9)			
32 (104'12")			21.4 (47.1)	20.1 (44.3)			18.3 (40.3)	22.6 (49.8)	21.2 (46.7)	19.9 (43.8)		
34 (111'7")			19.8 (43.6)	18.6 (41)				20.4 (44.9)	19.7 (43.4)	18.4 (40.5)		
36 (118'1")				17.3 (38.1)				18.5 (40.7)	18.3 (40.3)	17.1 (37.6)		
38 (124'8")				16.1 (35.4)	14.8 (32.6)				17.0 (37.4)	15.9 (35)	14.6 (32.1)	
40 (131'3")					13.8 (30.4)				16.0 (35.2)	14.9 (32.8)	13.7 (30.2)	
42 (137'10")					13.0 (28.6)					14.0 (30.8)	12.8 (28.2)	
44 (144'4")						11.4 (25.1)				13.2 (29.1)	12.0 (26.4)	11.2 (24.6)
46 (150'11")						10.6 (23.3)					11.3 (24.9)	10.5 (23.1)
48 (157'6")											10.7 (23.5)	9.9 (21.8)
50 (164'0")												9.4 (20.7)
52 (170'7")												
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	43.5 (142'9")											
	34 (111'7")						37 (121'5")					
Length of luffing jib(m) (ft)												
Beam angle(°)												
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
10 (32'10")												
12 (39'4")												
14 (45'11")												
16 (52'6")	44.5 (98.1)						40.7 (89.7)					
18 (59'1")	41.1 (90.6)						38.9 (85.7)					
20 (65'7")	36.5 (80.4)						36.0 (79.3)					
22 (72'2")	32.6 (71.8)	33.2 (73.1)					33.2 (73.1)	32.5 (71.6)				
24 (78'9")	28.7 (63.2)	30.4 (67)					29.2 (64.3)	29.9 (65.9)				
26 (85'4")	25.5 (56.2)	28.1 (61.9)					25.9 (57)	27.5 (60.6)				
28 (91'10")	22.8 (50.2)	26.1 (57.5)	24.3 (53.5)				23.3 (51.3)	25.6 (56.4)	23.8 (52.4)			
30 (98'5")	20.6 (45.4)	24.4 (53.7)	22.6 (49.8)				21.0 (46.2)	23.9 (52.6)	22.1 (48.7)			
32 (104'12")	18.7 (41.2)	22.5 (49.6)	21.0 (46.2)				19.1 (42.1)	22.3 (49.1)	20.7 (45.6)			
34 (111'7")	17.0 (37.4)	20.6 (45.4)	19.5 (42.9)				17.4 (38.3)	20.8 (45.8)	19.4 (42.7)			
36 (118'1")		18.7 (41.2)	18.3 (40.3)	17.0 (37.4)			15.9 (35)	19.0 (41.8)	18.3 (40.3)	16.8 (37)		
38 (124'8")			17.1 (37.6)	15.9 (35)			14.6 (32.1)	17.3 (38.1)	17.1 (37.6)	15.8 (34.8)		
40 (131'3")			16.0 (35.2)	14.8 (32.6)				15.9 (35)	16.0 (35.2)	14.8 (32.6)		
42 (137'10")				13.9 (30.6)	12.8 (28.2)			14.6 (32.1)	15.1 (33.2)	13.9 (30.6)	12.9 (28.4)	
44 (144'4")				13.1 (28.8)	12.0 (26.4)				14.2 (31.3)	13.1 (28.8)	12.0 (26.4)	
46 (150'11")					11.3 (24.9)				13.4 (29.5)	12.3 (27.1)	11.3 (24.9)	
48 (157'6")					10.7 (23.5)	9.8 (21.6)				11.6 (25.5)	10.7 (23.5)	9.8 (21.6)
50 (164'0")						9.3 (20.5)				11.0 (24.2)	10.1 (22.2)	9.2 (20.2)
52 (170'7")						8.8 (19.4)					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 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	43.5 (142'9")											
	40 (131'3")						43 (141'1")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")	35.5 (78.2)						30.3 (66.7)					
18 (59'1")	33.9 (74.7)						28.9 (63.7)					
20 (65'7")	31.3 (69)						26.6 (58.6)					
22 (72'2")	29.0 (63.9)						24.8 (54.6)					
24 (78'9")	26.1 (57.5)	27.7 (61)					23.1 (50.9)	25.5 (56.2)				
26 (85'4")	23.8 (52.4)	25.7 (56.6)					21.6 (47.6)	23.8 (52.4)				
28 (91'10")	21.8 (48)	23.9 (52.6)					20.3 (44.7)	22.2 (48.9)				
30 (98'5")	20.0 (44)	22.4 (49.3)					19.1 (42.1)	20.9 (46)				
32 (104'12")	18.6 (41)	21.0 (46.2)	20.2 (44.5)				18.1 (39.9)	19.7 (43.4)	19.7 (43.4)			
34 (111'7")	17.3 (38.1)	19.7 (43.4)	18.9 (41.6)				17.1 (37.6)	18.6 (41)	18.5 (40.7)			
36 (118'1")	15.9 (35)	18.3 (40.3)	17.8 (39.2)				15.8 (34.8)	17.6 (38.8)	17.3 (38.1)			
38 (124'8")	14.6 (32.1)	17.0 (37.4)	16.7 (36.8)	15.4			14.6 (32.1)	16.7 (36.8)	16.3 (35.9)	15.0 (33)		
40 (131'3")	13.5 (29.7)	15.9 (35)	15.7 (34.6)	14.4 (31.7)			13.5 (29.7)	15.9 (35)	15.4 (33.9)	14.1 (31)		
42 (137'10")		14.7 (32.4)	14.8 (32.6)	13.8 (30.4)			12.4 (27.3)	14.9 (32.8)	14.6 (32.1)	13.7 (30.2)		
44 (144'4")			13.9 (30.6)	12.8 (28.2)	11.8 (26)		11.4 (25.1)	13.8 (30.4)	13.7 (30.2)	12.5 (27.5)	11.5 (25.3)	
46 (150'11")			13.1 (28.8)	12.1 (26.6)	11.1 (24.4)			12.8 (28.2)	12.9 (28.4)	11.8 (26)	10.8 (23.8)	
48 (157'6")				11.4 (25.1)	10.4 (22.9)			11.8 (26)	12.1 (26.6)	11.1 (24.4)	10.1 (22.2)	
50 (164'0")				10.8 (23.8)	9.8 (21.6)				11.5 (25.3)	10.5 (23.1)	9.5 (20.9)	
52 (170'7")					9.3 (20.5)	8.4 (18.5)			10.9 (24)	9.9 (21.8)	9.0 (19.8)	8.2 (18)
54 (177'2")					8.8 (19.4)	8.0 (17.6)				9.4 (20.7)	8.6 (18.9)	7.7 (16.9)
56 (183'9")						7.5 (16.5)				9.0 (19.8)	8.1 (17.8)	7.2 (15.8)
58 (190'3")						7.0 (15.4)					7.7 (16.9)	6.8 (14.9)
60 (196'10")											7.3 (16)	6.5 (14.3)
62 (203'5")												6.2 (13.6)
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight $(85.2+5.8) \times 1000 \text{kg} / ((187.8+12.8) \times 1000 \text{lb})$ Unit: $\text{kg}(\text{lb}) \times 1000$

Length of main boom(m) (ft)	43.5 (142'9")											
	46 (150'11")						49 (160'9")					
Length of luffing jib(m) (ft)												
Boom angle(°)												
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	23.4 (51.5)						20.2 (44.5)					
22 (72'2")	21.8 (48)						18.7 (41.2)					
24 (78'9")	20.2 (44.5)						17.4 (38.3)					
26 (85'4")	18.9 (41.6)						16.3 (35.9)					
28 (91'10")	17.7 (39)	19.7 (43.4)					15.2 (33.5)	17.1 (37.6)				
30 (98'5")	16.7 (36.8)	18.4 (40.5)					14.2 (31.3)	15.9 (35)				
32 (104'12")	15.7 (34.6)	17.3 (38.1)					13.4 (29.5)	15.0 (33)				
34 (111'7")	14.9 (32.8)	16.3 (35.9)					12.7 (27.9)	14.1 (31)				
36 (118'1")	13.8 (30.4)	15.5 (34.1)	15.7 (34.6)				11.9 (26.2)	13.3 (29.3)	14.1 (31)			
38 (124'8")	12.8 (28.2)	14.6 (32.1)	14.8 (32.6)				11.1 (24.4)	12.5 (27.5)	13.3 (29.3)			
40 (131'3")	11.9 (26.2)	13.9 (30.6)	13.9 (30.6)				10.3 (22.7)	11.8 (26)	12.5 (27.5)			
42 (137'10")	11.1 (24.4)	13.0 (28.6)	13.2 (29.1)	13.0 (28.6)			9.7 (21.3)	11.2 (24.6)	11.8 (26)	12.3 (27.1)		
44 (144'4")	10.3 (22.7)	12.1 (26.6)	12.4 (27.3)	12.0 (26.4)			9.1 (20)	10.4 (22.9)	11.1 (24.4)	11.5 (25.3)		
46 (150'11")	9.2 (20.2)	11.3 (24.9)	11.7 (25.7)	11.3 (24.9)			8.3 (18.2)	9.8 (21.6)	10.5 (23.1)	10.8 (23.8)		
48 (157'6")		10.5 (23.1)	11.0 (24.2)	10.7 (23.5)				9.2 (20.2)	9.9 (21.8)	10.2 (22.4)		
50 (164'0")			10.5 (23.1)	10.1 (22.2)	9.5 (20.9)				9.4 (20.7)	9.6 (21.1)	9.6 (21.1)	
52 (170'7")			9.9 (21.8)	9.5 (20.9)	9.0 (19.8)	5.4 (11.9)			8.9 (19.6)	9.1 (20)	9.0 (19.8)	
54 (177'2")				9.0 (19.8)	8.6 (18.9)	5.1 (11.2)				8.6 (18.9)	8.6 (18.9)	
56 (183'9")				8.6 (18.9)	8.1 (17.8)	4.8 (10.5)				8.2 (18)	8.1 (17.8)	
58 (190'3")					7.7 (16.9)	6.7 (14.7)					7.7 (16.9)	6.6 (14.5)
60 (196'10")					7.3 (16)	6.4 (14.1)					7.2 (15.8)	6.3 (13.8)
62 (203'5")						6.1 (13.4)						6.0 (13.2)
64 (209'12")												5.6 (12.3)
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg/((187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom(m) (ft)	43.5 (142'9")											
	52 (170'7")						55 (180'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	17.0 (37.4)											
22 (72'2")	15.7 (34.6)						13.6 (29.9)					
24 (78'9")	14.6 (32.1)						12.6 (27.7)					
26 (85'4")	13.6 (29.9)						11.7 (25.7)					
28 (91'10")	12.6 (27.7)	14.5 (31.9)					10.9 (24)					
30 (98'5")	11.8 (26)	13.5 (29.7)					10.2 (22.4)	11.7 (25.7)				
32 (104'12")	11.1 (24.4)	12.6 (27.7)					9.6 (21.1)	10.9 (24)				
34 (111'7")	10.5 (23.1)	11.8 (26)					8.9 (19.6)	10.2 (22.4)				
36 (118'1")	9.9 (21.8)	11.1 (24.4)	12.5 (27.5)				8.3 (18.2)	9.6 (21.1)				
38 (124'8")	9.3 (20.5)	10.4 (22.9)	11.7 (25.7)				7.7 (16.9)	8.8 (19.4)				
40 (131'3")	8.8 (19.4)	9.8 (21.6)	11.0 (24.2)				7.1 (15.6)	8.2 (18)	9.5 (20.9)			
42 (137'10")	8.4 (18.5)	9.3 (20.5)	10.4 (22.9)	11.6 (25.5)			6.7 (14.7)	7.7 (16.9)	8.8 (19.4)			
44 (144'4")	8.0 (17.6)	8.8 (19.4)	9.8 (21.6)	10.9 (24)			6.3 (13.8)	7.1 (15.6)	8.2 (18)			
46 (150'11")	7.5 (16.5)	8.4 (18.5)	9.3 (20.5)	10.3 (22.7)			5.8 (12.7)	6.7 (14.7)	7.7 (16.9)			
48 (157'6")	7.1 (15.6)	8.0 (17.6)	8.8 (19.4)	9.8 (21.6)			5.4 (11.9)	6.2 (13.6)	7.1 (15.6)	8.2 (18)		
50 (164'0")	6.8 (14.9)	7.5 (16.5)	8.4 (18.5)	9.2 (20.2)	9.6 (21.1)		5.1 (11.2)	5.8 (12.7)	6.7 (14.7)	7.5 (16.5)		
52 (170'7")	6.5 (14.3)	7.1 (15.6)	7.9 (17.4)	8.8 (19.4)	9.0 (19.8)			5.4 (11.9)	6.2 (13.6)	7.1 (15.6)	6.0 (13.2)	
54 (177'2")	6.2 (13.6)	6.8 (14.9)	7.5 (16.5)	8.3 (18.2)	8.6 (18.9)			5.1 (11.2)	5.8 (12.7)	6.6 (14.5)	5.7 (12.5)	
56 (183'9")		6.5 (14.3)	7.1 (15.6)	7.9 (17.4)	8.1 (17.8)				5.4 (11.9)	6.1 (13.4)	5.4 (11.9)	
58 (190'3")			6.8 (14.9)	7.5 (16.5)	7.7 (16.9)	6.5 (14.3)			5.0 (11)	5.8 (12.7)	5.1 (11.2)	
60 (196'10")			6.5 (14.3)	7.1 (15.6)	7.1 (15.6)	6.1 (13.4)				5.3 (11.6)	4.8 (10.5)	
62 (203'5")				6.8 (14.9)	6.8 (14.9)	5.8 (12.7)				5.0 (11)	4.6 (10.1)	
64 (209'12")				6.5 (14.3)	6.4 (14.1)	5.5 (12.1)					4.3 (9.4)	
66 (216'6")					6.1 (13.4)	5.1 (11.2)					4.1 (9)	
68 (223'1")					5.8 (12.7)	4.9 (10.8)					3.9 (8.5)	
70 (229'8")						4.6 (10.1)						
72 (236'3")						4.4 (9.7)						

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	43.5 (142'9")											
Length of luffing jib(m) (ft)	58 (190'3")						61 (200'2")					
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")												
22 (72'2")	11.6 (25.5)						9.5 (20.9)					
24 (78'9")	10.7 (23.5)						8.8 (19.4)					
26 (85'4")	9.9 (21.8)						8.1 (17.8)					
28 (91'10")	9.2 (20.2)						7.5 (16.5)					
30 (98'5")	8.6 (18.9)	9.9 (21.8)					6.9 (15.2)	8.1 (17.8)				
32 (104'12")	8.1 (17.8)	9.2 (20.2)					6.5 (14.3)	7.4 (16.3)				
34 (111'7")	7.4 (16.3)	8.6 (18.9)					5.8 (12.7)	6.9 (15.2)				
36 (118'1")	6.7 (14.7)	8.0 (17.6)					5.1 (11.2)	6.4 (14.1)				
38 (124'8")	6.1 (13.4)	7.3 (16)					4.5 (9.9)	5.7 (12.5)				
40 (131'3")	5.5 (12.1)	6.6 (14.5)	7.9 (17.4)				3.9 (8.5)	5.0 (11)	6.3 (13.8)			
42 (137'10")	5.0 (11)	6.0 (13.2)	7.2 (15.8)				3.4 (7.4)	4.4 (9.7)	5.6 (12.3)			
44 (144'4")	4.6 (10.1)	5.4 (11.9)	6.6 (14.5)				2.9 (6.3)	3.8 (8.3)	5.0 (11)			
46 (150'11")	4.1 (9)	5.0 (11)	6.0 (13.2)				2.3 (5)	3.3 (7.2)	4.4 (9.7)			
48 (157'6")	3.7 (8.1)	4.5 (9.9)	5.4 (11.9)	6.5 (14.3)			1.9 (4.1)	2.8 (6.1)	3.8 (8.3)	4.9 (10.8)		
50 (164'0")	3.3 (7.2)	4.1 (9)	5.0 (11)	5.9 (13)				2.3 (5)	3.3 (7.2)	4.3 (9.4)		
52 (170'7")		3.7 (8.1)	4.5 (9.9)	5.4 (11.9)				1.9 (4.1)	2.8 (6.1)	3.7 (8.1)		
54 (177'2")		3.3 (7.2)	4.1 (9)	4.9 (10.8)					2.3 (5)	3.2 (7)		
56 (183'9")			3.6 (7.9)	4.4 (9.7)					1.8 (3.9)	2.7 (5.9)		
58 (190'3")			3.1 (6.8)	4.0 (8.8)						2.2 (4.8)		
60 (196'10")				3.5 (7.7)								
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb) Unit:kg(lb)×1000												
Length of main boom(m) (ft)	46.5 (152'7")											
Length of luffing jib(m) (ft)	22 (72'2")						25 (82'0")					
Beam angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
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")	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")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	46.5 (152'7")											
	28 (91'10")						31 (101'8")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
10 (32'10")												
12 (39'4")												
14 (45'11")	47.9 (105.6)						41.3 (91)					
16 (52'6")	45.4 (100)						41.3 (91)					
18 (59'1")	42.3 (93.2)						41.3 (91)					
20 (65'7")	37.1 (81.7)	37.0 (81.5)					37.2 (82)	36.2 (79.8)				
22 (72'2")	32.1 (70.7)	33.8 (74.5)					32.2 (70.9)	33.0 (72.7)				
24 (78'9")	28.2 (62.1)	31.1 (68.5)					28.4 (62.6)	30.4 (67)				
26 (85'4")	25.0 (55.1)	28.7 (63.2)	25.6 (56.4)				25.2 (55.5)	28.1 (61.9)	26.0 (57.3)			
28 (91'10")	22.2 (48.9)	26.6 (58.6)	23.6 (52)				22.5 (49.6)	26.0 (57.3)	24.1 (53.1)			
30 (98'5")		24.6 (54.2)	21.8 (48)				20.3 (44.7)	24.3 (53.5)	22.4 (49.3)			
32 (104'12")			20.3 (44.7)	18.9 (41.6)			18.4 (40.5)	22.7 (50)	20.9 (46)	19.4 (42.7)		
34 (111'7")				17.5 (38.5)				20.7 (45.6)	19.4 (42.7)	18.0 (39.6)		
36 (118'1")				16.3 (35.9)				18.8 (41.4)	18.0 (39.6)	16.7 (36.8)		
38 (124'8")					13.8 (30.4)				16.7 (36.8)	15.6 (34.3)	14.1 (31)	
40 (131'3")					13.0 (28.6)				15.7 (34.6)	14.6 (32.1)	13.2 (29.1)	
42 (137'10")						11.2 (24.6)				13.7 (30.2)	12.3 (27.1)	
44 (144'4")						10.6 (23.3)				12.9 (28.4)	11.6 (25.5)	10.7 (23.5)
46 (150'11")											10.9 (24)	10.1 (22.2)
48 (157'6")											10.3 (22.7)	9.5 (20.9)
50 (164'0")												8.9 (19.6)
52 (170'7")												8.4 (18.5)
54 (177'2")												
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	46.5 (152'7")											
	34 (111'7")						37 (121'5")					
Length of luffing jib(m) (ft)												
Room angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")	40.4 (89)						39.5 (87)					
18 (59'1")	40.1 (88.4)						38.9 (85.7)					
20 (65'7")	36.7 (80.9)						36.1 (79.5)					
22 (72'2")	32.8 (72.3)	32.4 (71.4)					33.5 (73.8)	31.8 (70.1)				
24 (78'9")	28.9 (63.7)	29.8 (65.6)					29.4 (64.8)	29.2 (64.3)				
26 (85'4")	25.7 (56.6)	27.5 (60.6)					26.1 (57.5)	26.9 (59.3)				
28 (91'10")	23.0 (50.7)	25.5 (56.2)					23.4 (51.5)	25.0 (55.1)				
30 (98'5")	20.7 (45.6)	23.8 (52.4)	22.0 (48.5)				21.1 (46.5)	23.3 (51.3)	21.5 (47.3)			
32 (104'12")	18.8 (41.4)	22.3 (49.1)	20.5 (45.1)				19.2 (42.3)	21.8 (48)	20.1 (44.3)			
34 (111'7")	17.0 (37.4)	20.6 (45.4)	19.1 (42.1)				17.4 (38.3)	20.5 (45.1)	18.9 (41.6)			
36 (118'1")		19.0 (41.8)	17.9 (39.4)	16.5 (36.3)			16.0 (35.2)	19.3 (42.5)	17.7 (39)	16.2 (35.7)		
38 (124'8")			16.7 (36.8)	15.5 (34.1)			14.7 (32.4)	17.6 (38.8)	16.7 (36.8)	15.3 (33.7)		
40 (131'3")			15.8 (34.8)	14.5 (31.9)				16.1 (35.4)	15.8 (34.8)	14.4 (31.7)		
42 (137'10")				13.6 (29.9)	12.4 (27.3)			14.8 (32.6)	14.8 (32.6)	13.6 (29.9)	12.4 (27.3)	
44 (144'4")				12.8 (28.2)	11.6 (25.5)				14.0 (30.8)	12.8 (28.2)	11.6 (25.5)	
46 (150'11")					10.9 (24)				13.2 (29.1)	12.0 (26.4)	10.9 (24)	
48 (157'6")					10.3 (22.7)	9.4 (20.7)				11.3 (24.9)	10.3 (22.7)	9.3 (20.5)
50 (164'0")						8.8 (19.4)				10.7 (23.5)	9.7 (21.3)	8.7 (19.1)
52 (170'7")						8.3 (18.2)					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")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom(m) (ft)	46.5 (152'7")											
	40 (131'3")						43 (141'1")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")	34.9 (76.9)						30.3 (66.7)					
18 (59'1")	33.9 (74.7)						29.0 (63.9)					
20 (65'7")	31.4 (69.2)						26.7 (58.8)					
22 (72'2")	29.1 (64.1)						24.8 (54.6)					
24 (78'9")	26.3 (57.9)	27.5 (60.6)					23.2 (51.1)	25.8 (56.8)				
26 (85'4")	23.9 (52.6)	25.5 (56.2)					21.6 (47.6)	24.1 (53.1)				
28 (91'10")	21.8 (48)	23.8 (52.4)					20.3 (44.7)	22.5 (49.6)				
30 (98'5")	20.1 (44.3)	22.2 (48.9)					19.2 (42.3)	21.1 (46.5)				
32 (104'12")	18.6 (41)	20.9 (46)	19.6 (43.2)				18.1 (39.9)	19.9 (43.8)	19.1 (42.1)			
34 (111'7")	17.3 (38.1)	19.6 (43.2)	18.4 (40.5)				17.1 (37.6)	18.8 (41.4)	17.9 (39.4)			
36 (118'1")	16.0 (35.2)	18.5 (40.7)	17.2 (37.9)				15.9 (35)	17.7 (39)	16.7 (36.8)			
38 (124'8")	14.6 (32.1)	17.3 (38.1)	16.3 (35.9)				14.6 (32.1)	16.9 (37.2)	15.8 (34.8)			
40 (131'3")	13.5 (29.7)	16.1 (35.4)	15.4 (33.9)	14.0 (30.8)			13.5 (29.7)	16.1 (35.4)	14.9 (32.8)	13.6 (29.9)		
42 (137'10")		14.9 (32.8)	14.4 (31.7)	13.2 (29.1)			12.4 (27.3)	15.1 (33.2)	14.1 (31)	12.8 (28.2)		
44 (144'4")			13.7 (30.2)	12.4 (27.3)			11.5 (25.3)	14.0 (30.8)	13.4 (29.5)	12.0 (26.4)		
46 (150'11")			12.9 (28.4)	11.7 (25.7)	10.6 (23.3)			12.9 (28.4)	12.6 (27.7)	11.4 (25.1)	10.3 (22.7)	
48 (157'6")				11.1 (24.4)	10.0 (22)			11.9 (26.2)	11.9 (26.2)	10.8 (23.8)	9.7 (21.3)	
50 (164'0")				10.5 (23.1)	9.4 (20.7)				11.2 (24.6)	10.2 (22.4)	9.2 (20.2)	
52 (170'7")					8.9 (19.6)	8.0 (17.6)			10.7 (23.5)	9.6 (21.1)	8.7 (19.1)	7.8 (17.1)
54 (177'2")					8.5 (18.7)	7.5 (16.5)				9.1 (20)	8.2 (18)	7.2 (15.8)
56 (183'9")						7.1 (15.6)				8.7 (19.1)	7.8 (17.1)	6.9 (15.2)
58 (190'3")						6.7 (14.7)					7.3 (16)	6.4 (14.1)
60 (196'10")											7.0 (15.4)	6.1 (13.4)
62 (203'5")												5.8 (12.7)
64 (209'12")												5.6 (12.3)
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom(m) (ft)	46.5 (152'7")											
	46 (150'11")						49 (160'9")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	23.5 (51.8)						20.3 (44.7)					
22 (72'2")	21.8 (48)						18.8 (41.4)					
24 (78'9")	20.3 (44.7)						17.4 (38.3)					
26 (85'4")	19.0 (41.8)						16.3 (35.9)					
28 (91'10")	17.8 (39.2)	19.9 (43.8)					15.3 (33.7)	17.3 (38.1)				
30 (98'5")	16.8 (37)	18.6 (41)					14.3 (31.5)	16.2 (35.7)				
32 (104'12")	15.7 (34.6)	17.5 (38.5)					13.4 (29.5)	15.1 (33.2)				
34 (111'7")	14.9 (32.8)	16.5 (36.3)					12.7 (27.9)	14.2 (31.3)				
36 (118'1")	13.9 (30.6)	15.6 (34.3)	15.4 (33.9)				11.9 (26.2)	13.4 (29.5)	14.1 (31)			
38 (124'8")	12.8 (28.2)	14.8 (32.6)	14.5 (31.9)				11.1 (24.4)	12.6 (27.7)	13.2 (29.1)			
40 (131'3")	11.9 (26.2)	14.0 (30.8)	13.7 (30.2)				10.3 (22.7)	12.0 (26.4)	12.4 (27.3)			
42 (137'10")	11.1 (24.4)	13.2 (29.1)	12.9 (28.4)				9.7 (21.3)	11.3 (24.9)	11.8 (26)			
44 (144'4")	10.3 (22.7)	12.3 (27.1)	12.2 (26.8)	11.8 (26)			9.1 (20)	10.6 (23.3)	11.1 (24.4)	11.5 (25.3)		
46 (150'11")	9.2 (20.2)	11.4 (25.1)	11.7 (25.7)	11.2 (24.6)			8.3 (18.2)	9.9 (21.8)	10.7 (23.5)	10.9 (24)		
48 (157'6")		10.6 (23.3)	10.9 (24)	10.5 (23.1)				9.3 (20.5)	9.9 (21.8)	10.3 (22.7)		
50 (164'0")			10.3 (22.7)	9.9 (21.8)					9.4 (20.7)	9.7 (21.3)		
52 (170'7")			9.8 (21.6)	9.4 (20.7)	8.6 (18.9)				8.9 (19.6)	9.1 (20)	8.6 (18.9)	
54 (177'2")				8.9 (19.6)	8.1 (17.8)					8.7 (19.1)	8.1 (17.8)	
56 (183'9")				8.5 (18.7)	7.7 (16.9)					8.3 (18.2)	7.7 (16.9)	
58 (190'3")					7.3 (16)	6.3 (13.8)					7.2 (15.8)	6.2 (13.6)
60 (196'10")					6.9 (15.2)	6.0 (13.2)					6.8 (14.9)	5.8 (12.7)
62 (203'5")						5.6 (12.3)						5.5 (12.1)
64 (209'12")						5.4 (11.9)						5.2 (11.4)
66 (216'6")												4.8 (10.5)
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	46.5 (152'7")											
	52 (170'7")						55 (180'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	17.1 (37.6)											
22 (72'2")	15.8 (34.8)						13.7 (30.2)					
24 (78'9")	14.6 (32.1)						12.6 (27.7)					
26 (85'4")	13.7 (30.2)						11.8 (26)					
28 (91'10")	12.8 (28.2)	14.7 (32.4)					11.0 (24.2)					
30 (98'5")	11.9 (26.2)	13.7 (30.2)					10.3 (22.7)	11.8 (26)				
32 (104'12")	11.1 (24.4)	12.8 (28.2)					9.5 (20.9)	11.0 (24.2)				
34 (111'7")	10.5 (23.1)	11.9 (26.2)					8.9 (19.6)	10.3 (22.7)				
36 (118'1")	9.9 (21.8)	11.2 (24.6)	12.8 (28.2)				8.3 (18.2)	9.7 (21.3)				
38 (124'8")	9.3 (20.5)	10.5 (23.1)	11.9 (26.2)				7.7 (16.9)	8.9 (19.6)				
40 (131'3")	8.8 (19.4)	9.9 (21.8)	11.2 (24.6)				7.1 (15.6)	8.3 (18.2)	9.7 (21.3)			
42 (137'10")	8.4 (18.5)	9.4 (20.7)	10.6 (23.3)				6.7 (14.7)	7.8 (17.1)	9.0 (19.8)			
44 (144'4")	8.0 (17.6)	8.9 (19.6)	10.0 (22)	11.2 (24.6)			6.3 (13.8)	7.2 (15.8)	8.4 (18.5)			
46 (150'11")	7.5 (16.5)	8.4 (18.5)	9.7 (21.3)	10.6 (23.3)			5.8 (12.7)	6.7 (14.7)	8.0 (17.6)			
48 (157'6")	7.1 (15.6)	8.0 (17.6)	8.9 (19.6)	10.0 (22)			5.4 (11.9)	6.3 (13.8)	7.2 (15.8)	8.4 (18.5)		
50 (164'0")	6.8 (14.9)	7.5 (16.5)	8.5 (18.7)	9.4 (20.7)			5.1 (11.2)	5.8 (12.7)	6.8 (14.9)	7.8 (17.1)		
52 (170'7")	6.5 (14.3)	7.2 (15.8)	8.1 (17.8)	8.9 (19.6)	8.6 (18.9)			5.5 (12.1)	6.3 (13.8)	7.2 (15.8)		
54 (177'2")	6.2 (13.6)	6.8 (14.9)	7.7 (16.9)	8.5 (18.7)	8.1 (17.8)			5.0 (11)	5.9 (13)	6.8 (14.9)	5.4 (11.9)	
56 (183'9")		6.5 (14.3)	7.2 (15.8)	8.1 (17.8)	7.7 (16.9)				5.5 (12.1)	6.3 (13.8)	5.1 (11.2)	
58 (190'3")		6.3 (13.8)	6.9 (15.2)	7.7 (16.9)	7.1 (15.6)	6.0 (13.2)			5.1 (11.2)	5.9 (13)	4.8 (10.5)	
60 (196'10")			6.6 (14.5)	7.2 (15.8)	6.7 (14.7)	5.6 (12.3)				5.5 (12.1)	4.5 (9.9)	
62 (203'5")			6.3 (13.8)	6.9 (15.2)	6.4 (14.1)	5.3 (11.6)				5.1 (11.2)	4.3 (9.4)	
64 (209'12")				6.6 (14.5)	6.0 (13.2)	5.0 (11)					4.0 (8.8)	
66 (216'6")				6.4 (14.1)	5.7 (12.5)	4.7 (10.3)					3.8 (8.3)	
68 (223'1")					5.4 (11.9)	4.4 (9.7)					3.6 (7.9)	
70 (229'8")						4.2 (9.2)						
72 (236'3")						4.0 (8.8)						
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	46.5 (152'7")											
	58 (190'3")						61 (200'2")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")												
22 (72'2")	11.6 (25.5)						9.5 (20.9)					
24 (78'9")	10.7 (23.5)						8.8 (19.4)					
26 (85'4")	10.0 (22)						8.2 (18)					
28 (91'10")	9.3 (20.5)						7.5 (16.5)					
30 (98'5")	8.7 (19.1)	10.0 (22)					7.0 (15.4)	8.2 (18)				
32 (104'12")	7.9 (17.4)	9.3 (20.5)					6.2 (13.6)	7.5 (16.5)				
34 (111'7")	7.4 (16.3)	8.7 (19.1)					5.8 (12.7)	7.0 (15.4)				
36 (118'1")	6.7 (14.7)	8.1 (17.8)					5.1 (11.2)	6.5 (14.3)				
38 (124'8")	6.1 (13.4)	7.4 (16.3)					4.5 (9.9)	5.8 (12.7)				
40 (131'3")	5.5 (12.1)	6.7 (14.7)	8.1 (17.8)				3.9 (8.5)	5.1 (11.2)	6.5 (14.3)			
42 (137'10")	5.0 (11)	6.1 (13.4)	7.4 (16.3)				3.4 (7.4)	4.5 (9.9)	5.8 (12.7)			
44 (144'4")	4.6 (10.1)	5.5 (12.1)	6.8 (14.9)				2.9 (6.3)	3.9 (8.5)	5.2 (11.4)			
46 (150'11")	4.1 (9)	5.0 (11)	6.2 (13.6)				2.3 (5)	3.4 (7.4)	4.5 (9.9)			
48 (157'6")	3.7 (8.1)	4.6 (10.1)	5.6 (12.3)	6.7 (14.7)			1.9 (4.1)	2.9 (6.3)	4.0 (8.8)	5.1 (11.2)		
50 (164'0")	3.3 (7.2)	4.1 (9)	5.1 (11.2)	6.1 (13.4)				2.4 (5.2)	3.4 (7.4)	4.5 (9.9)		
52 (170'7")		3.7 (8.1)	4.6 (10.1)	5.5 (12.1)				1.9 (4.1)	2.9 (6.3)	3.9 (8.5)		
54 (177'2")		3.2 (7)	4.2 (9.2)	5.1 (11.2)					2.4 (5.2)	3.4 (7.4)		
56 (183'9")			3.8 (8.3)	4.6 (10.1)					2.0 (4.4)	2.9 (6.3)		
58 (190'3")			3.3 (7.2)	4.2 (9.2)						2.4 (5.2)		
60 (196'10")				3.8 (8.3)						2.0 (4.4)		
62 (203'5")				2.3 (5)								
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	49.5 (162'5")											
	22 (72'2")						25 (82'0")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
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 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom(m) (ft)	49.5 (162'5")											
	28 (91'10")						31 (101'8")					
Length of luffing jib(m) (ft)												
Boom angle(°)												
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
12 (39'4")												
14 (45'11")	41.3 (91)						41.3 (91)					
16 (52'6")	41.3 (91)						41.3 (91)					
18 (59'1")	41.3 (91)						41.3 (91)					
20 (65'7")	37.3 (82.2)	36.1 (79.5)					37.4 (82.4)	35.3 (77.8)				
22 (72'2")	32.3 (71.2)	32.9 (72.5)					32.4 (71.4)	32.2 (70.9)				
24 (78'9")	28.3 (62.3)	30.2 (66.5)					28.5 (62.8)	29.6 (65.2)				
26 (85'4")	25.1 (55.3)	28.0 (61.7)					25.3 (55.7)	27.3 (60.1)				
28 (91'10")	22.2 (48.9)	26.0 (57.3)	23.9 (52.6)				22.6 (49.8)	25.4 (55.9)	23.3 (51.3)			
30 (98'5")		24.2 (53.3)	22.2 (48.9)				20.3 (44.7)	23.7 (52.2)	21.7 (47.8)			
32 (104'12")		22.3 (49.1)	20.6 (45.4)				18.4 (40.5)	22.2 (48.9)	20.3 (44.7)			
34 (111'7")			19.1 (42.1)	17.6 (38.8)				20.9 (46)	19.0 (41.8)	17.3 (38.1)		
36 (118'1")			17.8 (39.2)	16.5 (36.3)				19.4 (42.7)	17.6 (38.8)	16.3 (35.9)		
38 (124'8")				15.4 (33.9)				17.2 (37.9)	16.4 (36.1)	15.3 (33.7)		
40 (131'3")				14.4 (31.7)	12.9 (28.4)				15.4 (33.9)	14.3 (31.5)	12.6 (27.7)	
42 (137'10")					12.0 (26.4)				14.5 (31.9)	13.5 (29.7)	11.8 (26)	
44 (144'4")					11.3 (24.9)					12.6 (27.7)	11.1 (24.4)	
46 (150'11")						9.6 (21.1)				11.9 (26.2)	10.4 (22.9)	9.5 (20.9)
48 (157'6")						9.1 (20)					9.9 (21.8)	8.9 (19.6)
50 (164'0")						8.5 (18.7)					9.4 (20.7)	8.4 (18.5)
52 (170'7")												7.9 (17.4)
54 (177'2")												7.4 (16.3)
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	49.5 (162'5")											
	34 (111'7")						37 (121'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")	39.6 (87.3)						37.9 (83.5)					
18 (59'1")	39.5 (87)						37.6 (82.8)					
20 (65'7")	36.8 (81.1)						36.2 (79.8)					
22 (72'2")	32.8 (72.3)	31.6 (69.6)					33.2 (73.1)	31.0 (68.3)				
24 (78'9")	29.0 (63.9)	29.0 (63.9)					29.5 (65)	28.5 (62.8)				
26 (85'4")	25.8 (56.8)	26.8 (59)					26.2 (57.7)	26.2 (57.7)				
28 (91'10")	23.1 (50.9)	24.9 (54.8)					23.5 (51.8)	24.4 (53.7)				
30 (98'5")	20.8 (45.8)	23.2 (51.1)	21.2 (46.7)				21.2 (46.7)	22.6 (49.8)	20.7 (45.6)			
32 (104'12")	18.8 (41.4)	21.7 (47.8)	19.8 (43.6)				19.2 (42.3)	21.2 (46.7)	19.4 (42.7)			
34 (111'7")	17.1 (37.6)	20.4 (44.9)	18.6 (41)				17.5 (38.5)	19.9 (43.8)	18.2 (40.1)			
36 (118'1")		19.1 (42.1)	17.3 (38.1)	15.9 (35)			16.0 (35.2)	18.8 (41.4)	17.0 (37.4)	15.5 (34.1)		
38 (124'8")		17.5 (38.5)	16.3 (35.9)	14.9 (32.8)			14.7 (32.4)	17.7 (39)	16.1 (35.4)	14.6 (32.1)		
40 (131'3")			15.3 (33.7)	14.0 (30.8)				16.3 (35.9)	15.2 (33.5)	13.8 (30.4)		
42 (137'10")			14.5 (31.9)	13.2 (29.1)				15.0 (33)	14.5 (31.9)	13.0 (28.6)		
44 (144'4")				12.5 (27.5)	11.1 (24.4)				13.6 (29.9)	12.3 (27.1)	11.0 (24.2)	
46 (150'11")				11.8 (26)	10.4 (22.9)				12.9 (28.4)	11.6 (25.5)	10.4 (22.9)	
48 (157'6")					9.8 (21.6)				12.1 (26.6)	10.9 (24)	9.8 (21.6)	
50 (164'0")					9.3 (20.5)	8.2 (18)				10.3 (22.7)	9.2 (20.2)	8.0 (17.6)
52 (170'7")						7.7 (16.9)				9.8 (21.6)	8.7 (19.1)	7.5 (16.5)
54 (177'2")						7.2 (15.8)					8.3 (18.2)	7.0 (15.4)
56 (183'9")						6.8 (14.9)					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 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	49.5 (162'5")											
	40 (131'3")						43 (141'1")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")	34.1 (75.1)						30.3 (66.7)					
18 (59'1")	33.4 (73.6)						29.1 (64.1)					
20 (65'7")	31.5 (69.4)						26.8 (59)					
22 (72'2")	29.0 (63.9)						24.9 (54.8)					
24 (78'9")	26.3 (57.9)	27.3 (60.1)					23.2 (51.1)	26.2 (57.7)				
26 (85'4")	24.0 (52.9)	25.3 (55.7)					21.7 (47.8)	24.4 (53.7)				
28 (91'10")	21.9 (48.2)	23.6 (52)					20.4 (44.9)	22.7 (50)				
30 (98'5")	20.2 (44.5)	22.0 (48.5)					19.2 (42.3)	21.3 (46.9)				
32 (104'12")	18.7 (41.2)	20.7 (45.6)	18.9 (41.6)				18.2 (40.1)	20.1 (44.3)	18.4 (40.5)			
34 (111'7")	17.3 (38.1)	19.4 (42.7)	17.7 (39)				17.1 (37.6)	19.0 (41.8)	17.2 (37.9)			
36 (118'1")	16.0 (35.2)	18.3 (40.3)	16.6 (36.5)				15.9 (35)	17.7 (39)	16.1 (35.4)			
38 (124'8")	14.6 (32.1)	17.3 (38.1)	15.7 (34.6)				14.6 (32.1)	16.8 (37)	15.2 (33.5)			
40 (131'3")	13.5 (29.7)	16.1 (35.4)	14.7 (32.4)	13.3 (29.3)			13.5 (29.7)	15.9 (35)	14.3 (31.5)	12.9 (28.4)		
42 (137'10")		15.0 (33)	14.0 (30.8)	12.5 (27.5)			12.4 (27.3)	15.1 (33.2)	13.6 (29.9)	12.1 (26.6)		
44 (144'4")			13.2 (29.1)	11.9 (26.2)			11.5 (25.3)	14.2 (31.3)	12.9 (28.4)	11.4 (25.1)		
46 (150'11")			12.5 (27.5)	11.2 (24.6)				13.1 (28.8)	12.2 (26.8)	10.8 (23.8)		
48 (157'6")			11.9 (26.2)	10.6 (23.3)	9.4 (20.7)			12.0 (26.4)	11.6 (25.5)	10.3 (22.7)	9.1 (20)	
50 (164'0")				10.0 (22)	8.9 (19.6)				11.0 (24.2)	9.8 (21.6)	8.6 (18.9)	
52 (170'7")				9.5 (20.9)	8.4 (18.5)				10.4 (22.9)	9.2 (20.2)	8.2 (18)	
54 (177'2")					8.0 (17.6)	6.9 (15.2)			9.9 (21.8)	8.8 (19.4)	7.7 (16.9)	6.7 (14.7)
56 (183'9")					7.5 (16.5)	6.5 (14.3)				8.3 (18.2)	7.2 (15.8)	6.3 (13.8)
58 (190'3")						6.1 (13.4)				8.0 (17.6)	6.8 (14.9)	5.9 (13)
60 (196'10")						5.8 (12.7)					6.5 (14.3)	5.6 (12.3)
62 (203'5")						5.5 (12.1)					6.2 (13.6)	5.3 (11.6)
64 (209'12")												5.0 (11)
66 (216'6")												4.7 (10.3)
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	49.5 (162'5")											
	46 (150'11")						49 (160'9")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	23.6 (52)						20.4 (44.9)					
22 (72'2")	21.9 (48.2)						18.8 (41.4)					
24 (78'9")	20.3 (44.7)						17.5 (38.5)					
26 (85'4")	19.0 (41.8)						16.4 (36.1)					
28 (91'10")	17.9 (39.4)	20.1 (44.3)					15.3 (33.7)	17.5 (38.5)				
30 (98'5")	16.8 (37)	18.8 (41.4)					14.3 (31.5)	16.4 (36.1)				
32 (104'12")	15.8 (34.8)	17.7 (39)					13.5 (29.7)	15.3 (33.7)				
34 (111'7")	14.9 (32.8)	16.7 (36.8)					12.7 (27.9)	14.3 (31.5)				
36 (118'1")	13.9 (30.6)	15.6 (34.3)	15.1 (33.2)				11.9 (26.2)	13.5 (29.7)	14.1 (31)			
38 (124'8")	12.9 (28.4)	14.8 (32.6)	14.2 (31.3)				11.1 (24.4)	12.7 (27.9)	13.2 (29.1)			
40 (131'3")	11.9 (26.2)	13.9 (30.6)	13.3 (29.3)				10.3 (22.7)	12.0 (26.4)	12.4 (27.3)			
42 (137'10")	11.1 (24.4)	13.2 (29.1)	12.6 (27.7)				9.7 (21.3)	11.4 (25.1)	11.7 (25.7)			
44 (144'4")	10.3 (22.7)	12.4 (27.3)	11.9 (26.2)	11.4 (25.1)			9.1 (20)	10.7 (23.5)	11.0 (24.2)	11.4 (25.1)		
46 (150'11")	9.2 (20.2)	11.5 (25.3)	11.4 (25.1)	10.8 (23.8)			8.3 (18.2)	10.0 (22)	10.5 (23.1)	10.8 (23.8)		
48 (157'6")		10.7 (23.5)	10.8 (23.8)	10.3 (22.7)				9.4 (20.7)	9.9 (21.8)	10.2 (22.4)		
50 (164'0")			10.2 (22.4)	9.8 (21.6)					9.4 (20.7)	9.7 (21.3)		
52 (170'7")			9.7 (21.3)	9.1 (20)	8.1 (17.8)				8.9 (19.6)	9.1 (20)	8.1 (17.8)	
54 (177'2")			9.2 (20.2)	8.7 (19.1)	7.6 (16.7)				8.5 (18.7)	8.7 (19.1)	7.6 (16.7)	
56 (183'9")				8.2 (18)	7.2 (15.8)					8.2 (18)	7.2 (15.8)	
58 (190'3")				7.9 (17.4)	6.8 (14.9)					7.8 (17.1)	6.7 (14.7)	
60 (196'10")					6.5 (14.3)	5.4 (11.9)					6.4 (14.1)	5.3 (11.6)
62 (203'5")					6.1 (13.4)	5.1 (11.2)					6.0 (13.2)	4.9 (10.8)
64 (209'12")						4.8 (10.5)						4.6 (10.1)
66 (216'6")						4.5 (9.9)						4.4 (9.7)
68 (223'1")												4.0 (8.8)
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg/((187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom(m) (ft)	49.5 (162'5")											
	52 (170'7")						55 (180'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	17.1 (37.6)											
22 (72'2")	15.8 (34.8)						13.7 (30.2)					
24 (78'9")	14.7 (32.4)						12.7 (27.9)					
26 (85'4")	13.7 (30.2)						11.7 (25.7)					
28 (91'10")	12.8 (28.2)	14.9 (32.8)					10.7 (23.5)					
30 (98'5")	11.9 (26.2)	13.9 (30.6)					9.9 (21.8)					
32 (104'12")	11.2 (24.6)	12.9 (28.4)					9.1 (20)	11.1 (24.4)				
34 (111'7")	10.5 (23.1)	12.0 (26.4)					8.4 (18.5)	10.4 (22.9)				
36 (118'1")	9.9 (21.8)	11.3 (24.9)	13.1 (28.8)				7.8 (17.1)	9.8 (21.6)				
38 (124'8")	9.4 (20.7)	10.6 (23.3)	12.2 (26.8)				7.2 (15.8)	9.0 (19.8)				
40 (131'3")	8.8 (19.4)	10.0 (22)	11.4 (25.1)				6.6 (14.5)	8.4 (18.5)	9.8 (21.6)			
42 (137'10")	8.4 (18.5)	9.5 (20.9)	10.7 (23.5)				6.0 (13.2)	7.9 (17.4)	9.1 (20)			
44 (144'4")	8.0 (17.6)	9.0 (19.8)	10.1 (22.2)	11.4 (25.1)				7.3 (16)	8.5 (18.7)			
46 (150'11")	7.5 (16.5)	8.5 (18.7)	9.6 (21.1)	10.8 (23.8)				6.8 (14.9)	8.0 (17.6)			
48 (157'6")	7.1 (15.6)	8.1 (17.8)	9.1 (20)	10.2 (22.4)				6.4 (14.1)	7.4 (16.3)			
50 (164'0")	6.8 (14.9)	7.7 (16.9)	8.6 (18.9)	9.7 (21.3)				5.9 (13)	6.9 (15.2)	8.1 (17.8)		
52 (170'7")	6.5 (14.3)	7.2 (15.8)	8.2 (18)	9.1 (20)	8.1 (17.8)			5.5 (12.1)	6.5 (14.3)	7.4 (16.3)		
54 (177'2")	6.2 (13.6)	6.9 (15.2)	7.8 (17.1)	8.7 (19.1)	7.5 (16.5)			5.1 (11.2)	6.0 (13.2)	7.0 (15.4)	5.0 (11)	
56 (183'9")		6.6 (14.5)	7.3 (16)	8.2 (18)	7.1 (15.6)				5.6 (12.3)	6.5 (14.3)	4.8 (10.5)	
58 (190'3")		6.3 (13.8)	7.0 (15.4)	7.8 (17.1)	6.6 (14.5)				5.2 (11.4)	6.1 (13.4)	4.4 (9.7)	
60 (196'10")			6.7 (14.7)	7.4 (16.3)	6.3 (13.8)	5.1 (11.2)				5.7 (12.5)	4.2 (9.2)	
62 (203'5")			6.4 (14.1)	7.0 (15.4)	5.9 (13)	4.7 (10.3)				5.2 (11.4)	3.9 (8.5)	
64 (209'12")				6.7 (14.7)	5.6 (12.3)	4.4 (9.7)					3.7 (8.1)	
66 (216'6")				6.4 (14.1)	5.3 (11.6)	4.2 (9.2)					3.5 (7.7)	
68 (223'1")					5.0 (11)	3.9 (8.5)					3.3 (7.2)	
70 (229'8")					4.7 (10.3)	3.7 (8.1)					3.1 (6.8)	
72 (236'3")						3.5 (7.7)						
74 (242'9")						3.3 (7.2)						

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	49.5 (162'5")											
	58 (190'3")						61 (200'2")					
Length of luffing jib(m) (ft)	58 (190'3")						61 (200'2")					
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")												
22 (72'2")	11.6 (25.5)						9.5 (20.9)					
24 (78'9")	10.7 (23.5)						8.8 (19.4)					
26 (85'4")	9.8 (21.6)						7.9 (17.4)					
28 (91'10")	8.7 (19.1)						6.7 (14.7)					
30 (98'5")	7.9 (17.4)						5.8 (12.7)					
32 (104'12")	7.0 (15.4)	9.4 (20.7)					4.9 (10.8)	7.7 (16.9)				
34 (111'7")	6.3 (13.8)	8.8 (19.4)					4.2 (9.2)	7.1 (15.6)				
36 (118'1")	5.6 (12.3)	8.2 (18)					3.5 (7.7)	6.6 (14.5)				
38 (124'8")	5.0 (11)	7.5 (16.5)					2.8 (6.1)	5.9 (13)				
40 (131'3")	4.4 (9.7)	6.8 (14.9)	8.2 (18)				2.1 (4.6)	5.2 (11.4)	6.6 (14.5)			
42 (137'10")	3.7 (8.1)	6.2 (13.6)	7.6 (16.7)					4.6 (10.1)	6.0 (13.2)			
44 (144'4")	2.7 (5.9)	5.6 (12.3)	6.9 (15.2)					4.0 (8.8)	5.3 (11.6)			
46 (150'11")		5.1 (11.2)	6.3 (13.8)					3.5 (7.7)	4.7 (10.3)			
48 (157'6")		4.7 (10.3)	5.7 (12.5)					3.0 (6.6)	4.1 (9)			
50 (164'0")		4.2 (9.2)	5.2 (11.4)	6.4 (14.1)				2.4 (5.2)	3.6 (7.9)	4.8 (10.5)		
52 (170'7")		3.8 (8.3)	4.8 (10.5)	5.8 (12.7)				2.0 (4.4)	3.1 (6.8)	4.2 (9.2)		
54 (177'2")		3.2 (7)	4.3 (9.4)	5.3 (11.6)					2.6 (5.7)	3.6 (7.9)		
56 (183'9")			3.9 (8.5)	4.8 (10.5)					2.1 (4.6)	3.1 (6.8)		
58 (190'3")			3.4 (7.4)	4.4 (9.7)						2.7 (5.9)		
60 (196'10")				3.9 (8.5)						2.1 (4.6)		
62 (203'5")				3.4 (7.4)								
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	52.5 (172'3")											
	22 (72'2")						25 (82'0")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
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")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	52.5 (172'3")											
	28 (91'10")						31 (101'8")					
Length of luffing jib(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
Boom angle(°)												
Radius(m) (ft)												
12 (39'4")												
14 (45'11")	41.3 (91)						41.3 (91)					
16 (52'6")	41.3 (91)						41.3 (91)					
18 (59'1")	41.1 (90.6)						40.8 (89.9)					
20 (65'7")	37.2 (82)	35.2 (77.6)					37.0 (81.5)	34.5 (76)				
22 (72'2")	32.7 (72)	32.1 (70.7)					33.2 (73.1)	31.4 (69.2)				
24 (78'9")	28.7 (63.2)	29.5 (65)					29.1 (64.1)	28.9 (63.7)				
26 (85'4")	25.5 (56.2)	27.3 (60.1)					26.0 (57.3)	26.6 (58.6)				
28 (91'10")	21.8 (48)	25.3 (55.7)	23.1 (50.9)				23.1 (50.9)	24.7 (54.4)	22.5 (49.6)			
30 (98'5")	19.5 (42.9)	23.7 (52.2)	21.5 (47.3)				20.7 (45.6)	23.1 (50.9)	20.9 (46)			
32 (104'12")		22.1 (48.7)	20.0 (44)				18.8 (41.4)	21.6 (47.6)	19.6 (43.2)			
34 (111'7")			18.7 (41.2)	16.9 (37.2)				20.4 (44.9)	18.4 (40.5)	16.5 (36.3)		
36 (118'1")			17.5 (38.5)	15.8 (34.8)				19.3 (42.5)	17.3 (38.1)	15.5 (34.1)		
38 (124'8")				14.9 (32.8)				17.9 (39.4)	16.3 (35.9)	14.7 (32.4)		
40 (131'3")				14.0 (30.8)					15.3 (33.7)	13.9 (30.6)		
42 (137'10")					11.6 (25.5)				14.3 (31.5)	13.1 (28.8)	11.5 (25.3)	
44 (144'4")					10.9 (24)					12.2 (26.8)	10.8 (23.8)	
46 (150'11")						8.9 (19.6)				11.5 (25.3)	10.1 (22.2)	
48 (157'6")						8.3 (18.2)					9.6 (21.1)	8.2 (18)
50 (164'0")						7.7 (16.9)					9.0 (19.8)	7.7 (16.9)
52 (170'7")												7.2 (15.8)
54 (177'2")												6.8
56 (183'9")												
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	52.5 (172'3")											
	34 (111'7")						37 (121'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")	39.0 (85.9)						36.6 (80.6)					
18 (59'1")	38.5 (84.8)						36.1 (79.5)					
20 (65'7")	36.3 (80)						35.6 (78.4)					
22 (72'2")	32.8 (72.3)						32.5 (71.6)					
24 (78'9")	29.4 (64.8)	28.3 (62.3)					29.7 (65.4)	27.7 (61)				
26 (85'4")	26.2 (57.7)	26.1 (57.5)					26.3 (57.9)	25.6 (56.4)				
28 (91'10")	23.3 (51.3)	24.2 (53.3)					23.6 (52)	23.8 (52.4)				
30 (98'5")	21.0 (46.2)	22.6 (49.8)	20.5 (45.1)				21.2 (46.7)	22.1 (48.7)	20.0 (44)			
32 (104'12")	19.0 (41.8)	21.2 (46.7)	19.1 (42.1)				19.3 (42.5)	20.7 (45.6)	18.7 (41.2)			
34 (111'7")	17.1 (37.6)	19.9 (43.8)	18.0 (39.6)				17.5 (38.5)	19.4 (42.7)	17.5 (38.5)			
36 (118'1")		18.8 (41.4)	16.9 (37.2)				16.1 (35.4)	18.3 (40.3)	16.4 (36.1)			
38 (124'8")		17.6 (38.8)	15.9 (35)	14.3 (31.5)			14.8 (32.6)	17.3 (38.1)	15.5 (34.1)	13.9 (30.6)		
40 (131'3")			15.0 (33)	13.5 (29.7)				16.5 (36.3)	14.7 (32.4)	13.1 (28.8)		
42 (137'10")			14.1 (31)	12.7 (27.9)				15.2 (33.5)	13.9 (30.6)	12.3 (27.1)		
44 (144'4")				12.0 (26.4)	10.6 (23.3)			14.0 (30.8)	13.3 (29.3)	11.7 (25.7)	10.3 (22.7)	
46 (150'11")				11.3 (24.9)	9.9 (21.8)				12.5 (27.5)	11.1 (24.4)	9.7 (21.3)	
48 (157'6")					9.4 (20.7)				11.8 (26)	10.5 (23.1)	9.3 (20.5)	
50 (164'0")					8.9 (19.6)					9.9 (21.8)	8.8 (19.4)	
52 (170'7")						7.0 (15.4)				9.4 (20.7)	8.3 (18.2)	6.8 (14.9)
54 (177'2")						6.6 (14.5)					7.8 (17.1)	6.4 (14.1)
56 (183'9")						6.2 (13.6)					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")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	52.5 (172'3")											
	40 (131'3")						43 (141'1")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")												
16 (52'6")												
18 (59'1")	31.7 (69.8)						27.3 (60.1)					
20 (65'7")	31.3 (69)						26.9 (59.3)					
22 (72'2")	28.8 (63.4)						25.0 (55.1)					
24 (78'9")	26.5 (58.4)						23.3 (51.3)					
26 (85'4")	24.0 (52.9)	25.1 (55.3)					21.7 (47.8)	24.7 (54.4)				
28 (91'10")	22.0 (48.5)	23.4 (51.5)					20.4 (44.9)	23.1 (50.9)				
30 (98'5")	20.2 (44.5)	21.9 (48.2)					19.2 (42.3)	21.6 (47.6)				
32 (104'12")	18.7 (41.2)	20.5 (45.1)					18.2 (40.1)	20.3 (44.7)				
34 (111'7")	17.3 (38.1)	19.3 (42.5)	17.5 (38.5)				17.1 (37.6)	19.2 (42.3)	17.5 (38.5)			
36 (118'1")	16.1 (35.4)	18.2 (40.1)	16.5 (36.3)				16.0 (35.2)	18.2 (40.1)	16.5 (36.3)			
38 (124'8")	14.7 (32.4)	17.2 (37.9)	15.6 (34.3)				14.7 (32.4)	17.1 (37.6)	15.6 (34.3)			
40 (131'3")	13.6 (29.9)	16.4 (36.1)	14.7 (32.4)	13.1 (28.8)			13.6 (29.9)	16.3 (35.9)	14.7 (32.4)	13.2 (29.1)		
42 (137'10")		15.4 (33.9)	13.9 (30.6)	12.4 (27.3)			12.4 (27.3)	15.5 (34.1)	14.0 (30.8)	12.4 (27.3)		
44 (144'4")		14.1 (31)	13.2 (29.1)	11.7 (25.7)			11.5 (25.3)	14.3 (31.5)	13.1 (28.8)	11.7 (25.7)		
46 (150'11")			12.4 (27.3)	11.2 (24.6)				13.3 (29.3)	12.3 (27.1)	11.2 (24.6)		
48 (157'6")			11.7 (25.7)	10.5 (23.1)	9.1 (20)			12.2 (26.8)	11.6 (25.5)	10.5 (23.1)	8.9 (19.6)	
50 (164'0")				9.9 (21.8)	8.5 (18.7)			11.3 (24.9)	11.0 (24.2)	10.0 (22)	8.3 (18.2)	
52 (170'7")				9.4 (20.7)	8.0 (17.6)				10.4 (22.9)	9.4 (20.7)	7.8 (17.1)	
54 (177'2")					7.5 (16.5)				9.9 (21.8)	9.0 (19.8)	7.3 (16)	
56 (183'9")					7.1 (15.6)	5.9 (13)				8.5 (18.7)	6.8 (14.9)	5.7 (12.5)
58 (190'3")						5.5 (12.1)				8.1 (17.8)	6.5 (14.3)	5.4 (11.9)
60 (196'10")						5.2 (11.4)					6.1 (13.4)	5.1 (11.2)
62 (203'5")						4.8 (10.5)					5.8 (12.7)	4.7 (10.3)
64 (209'12")												4.5 (9.9)
66 (216'6")												4.2 (9.2)
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												
76 (249'4")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	52.5 (172'3")											
	46 (150'11")						49 (160'9")					
Length of luffing jib(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
Boom angle(°)												
Radius(m) (ft)												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	23.7 (52.2)						20.5 (45.1)					
22 (72'2")	22.0 (48.5)						18.9 (41.6)					
24 (78'9")	20.4 (44.9)						17.5 (38.5)					
26 (85'4")	19.0 (41.8)						16.4 (36.1)					
28 (91'10")	17.9 (39.4)	20.4 (44.9)					15.3 (33.7)	17.7 (39)				
30 (98'5")	16.8 (37)	19.1 (42.1)					14.3 (31.5)	16.5 (36.3)				
32 (104'12")	15.8 (34.8)	17.9 (39.4)					13.5 (29.7)	15.5 (34.1)				
34 (111'7")	14.9 (32.8)	16.9 (37.2)					12.7 (27.9)	14.6 (32.1)				
36 (118'1")	14.0 (30.8)	15.9 (35)					11.9 (26.2)	13.7 (30.2)				
38 (124'8")	12.9 (28.4)	15.0 (33)	14.6 (32.1)				11.2 (24.6)	12.9 (28.4)	13.5 (29.7)			
40 (131'3")	12.0 (26.4)	14.2 (31.3)	13.7 (30.2)				10.4 (22.9)	12.2 (26.8)	12.6 (27.7)			
42 (137'10")	11.1 (24.4)	13.5 (29.7)	13.0 (28.6)				9.7 (21.3)	11.6 (25.5)	11.9 (26.2)			
44 (144'4")	10.3 (22.7)	12.5 (27.5)	12.1 (26.6)				9.1 (20)	10.7 (23.5)	11.2 (24.6)			
46 (150'11")	9.2 (20.2)	11.7 (25.7)	11.5 (25.3)	10.9 (24)			8.3 (18.2)	10.1 (22.2)	10.6 (23.3)	10.5 (23.1)		
48 (157'6")		10.8 (23.8)	10.8 (23.8)	10.2 (22.4)				9.5 (20.9)	10.0 (22)	10.0 (22)		
50 (164'0")		10.1 (22.2)	10.2 (22.4)	9.7 (21.3)				8.9 (19.6)	9.5 (20.9)	9.5 (20.9)		
52 (170'7")			9.7 (21.3)	9.2 (20.2)					9.0 (19.8)	9.0 (19.8)		
54 (177'2")			9.2 (20.2)	8.8 (19.4)	7.2 (15.8)				8.5 (18.7)	8.6 (18.9)	7.1 (15.6)	
56 (183'9")				8.3 (18.2)	6.7 (14.7)					8.1 (17.8)	6.6 (14.5)	
58 (190'3")				7.9 (17.4)	6.4 (14.1)					7.7 (16.9)	6.3 (13.8)	
60 (196'10")					6.0 (13.2)						5.9 (13)	
62 (203'5")					5.7 (12.5)	4.5 (9.9)					5.5 (12.1)	4.4 (9.7)
64 (209'12")						4.3 (9.4)						4.1 (9)
66 (216'6")						4.0 (8.8)						3.8 (8.3)
68 (223'1")												3.6 (7.9)
70 (229'8")												
72 (236'3")												
74 (242'9")												
76 (249'4")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	52.5 (172'3")											
	52 (170'7")						55 (180'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)												
Radius(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	17.2 (37.9)											
22 (72'2")	15.9 (35)						13.8 (30.4)					
24 (78'9")	14.7 (32.4)						12.7 (27.9)					
26 (85'4")	13.7 (30.2)						11.7 (25.7)					
28 (91'10")	12.8 (28.2)	15.1 (33.2)					10.8 (23.8)					
30 (98'5")	11.9 (26.2)	14.0 (30.8)					9.9 (21.8)					
32 (104'12")	11.2 (24.6)	13.1 (28.8)					9.1 (20)	11.3 (24.9)				
34 (111'7")	10.5 (23.1)	12.2 (26.8)					8.4 (18.5)	10.5 (23.1)				
36 (118'1")	9.9 (21.8)	11.4 (25.1)					7.8 (17.1)	9.9 (21.8)				
38 (124'8")	9.4 (20.7)	10.7 (23.5)	12.4 (27.3)				7.2 (15.8)	9.2 (20.2)				
40 (131'3")	8.9 (19.6)	10.1 (22.2)	11.6 (25.5)				6.6 (14.5)	8.5 (18.7)	10.0 (22)			
42 (137'10")	8.4 (18.5)	9.6 (21.1)	10.9 (24)				6.0 (13.2)	8.0 (17.6)	9.4 (20.7)			
44 (144'4")	8.0 (17.6)	9.0 (19.8)	10.3 (22.7)					7.3 (16)	8.7 (19.1)			
46 (150'11")	7.5 (16.5)	8.6 (18.9)	9.7 (21.3)	10.2 (22.4)				6.9 (15.2)	8.1 (17.8)			
48 (157'6")	7.1 (15.6)	8.1 (17.8)	9.2 (20.2)	9.7 (21.3)				6.4 (14.1)	7.5 (16.5)			
50 (164'0")	6.8 (14.9)	7.7 (16.9)	8.7 (19.1)	9.2 (20.2)				6.0 (13.2)	7.0 (15.4)	7.8 (17.1)		
52 (170'7")	6.5 (14.3)	7.3 (16)	8.3 (18.2)	8.8 (19.4)				5.6 (12.3)	6.6 (14.5)	7.3 (16)		
54 (177'2")	6.2 (13.6)	6.9 (15.2)	7.9 (17.4)	8.4 (18.5)	7.0 (15.4)			5.2 (11.4)	6.1 (13.4)	6.9 (15.2)		
56 (183'9")		6.6 (14.5)	7.4 (16.3)	8.0 (17.6)	6.5 (14.3)				5.7 (12.5)	6.4 (14.1)	4.4 (9.7)	
58 (190'3")		6.3 (13.8)	7.1 (15.6)	7.5 (16.5)	6.1 (13.4)				5.4 (11.9)	6.0 (13.2)	4.1 (9)	
60 (196'10")			6.7 (14.7)	7.1 (15.6)	5.8 (12.7)				4.9 (10.8)	5.5 (12.1)	3.9 (8.5)	
62 (203'5")			6.5 (14.3)	6.8 (14.9)	5.4 (11.9)	4.2 (9.2)				5.2 (11.4)	3.6 (7.9)	
64 (209'12")				6.4 (14.1)	5.1 (11.2)	3.9 (8.5)				4.8 (10.5)	3.4 (7.4)	
66 (216'6")				6.1 (13.4)	4.8 (10.5)	3.6 (7.9)					3.2 (7)	
68 (223'1")					4.5 (9.9)	3.4 (7.4)					3.0 (6.6)	
70 (229'8")					4.3 (9.4)	3.2 (7)					2.9 (6.3)	
72 (236'3")					4.1 (9)	3.0 (6.6)					2.7 (5.9)	
74 (242'9")						2.8 (6.1)						
76 (249'4")						2.6 (5.7)						

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom(m) (ft)	52.5 (172'3")											
	58 (190'3")						61 (200'2")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")												
22 (72'2")	11.7 (25.7)						9.6 (21.1)					
24 (78'9")	10.7 (23.5)						8.8 (19.4)					
26 (85'4")	9.8 (21.6)						7.9 (17.4)					
28 (91'10")	8.8 (19.4)						6.8 (14.9)					
30 (98'5")	7.9 (17.4)						5.8 (12.7)					
32 (104'12")	7.1 (15.6)	9.5 (20.9)					5.0 (11)	7.8 (17.1)				
34 (111'7")	6.3 (13.8)	8.8 (19.4)					4.2 (9.2)	7.1 (15.6)				
36 (118'1")	5.6 (12.3)	8.3 (18.2)					3.5 (7.7)	6.7 (14.7)				
38 (124'8")	5.0 (11)	7.7 (16.9)					2.8 (6.1)	6.1 (13.4)				
40 (131'3")	4.4 (9.7)	7.0 (15.4)	8.4 (18.5)				2.1 (4.6)	5.4 (11.9)	6.8 (14.9)			
42 (137'10")	3.7 (8.1)	6.3 (13.8)	7.9 (17.4)					4.7 (10.3)	6.3 (13.8)			
44 (144'4")		5.7 (12.5)	7.2 (15.8)					4.1 (9)	5.6 (12.3)			
46 (150'11")		5.2 (11.4)	6.5 (14.3)					3.6 (7.9)	4.9 (10.8)			
48 (157'6")		4.7 (10.3)	5.9 (13)					3.1 (6.8)	4.3 (9.4)			
50 (164'0")		4.3 (9.4)	5.3 (11.6)	6.4 (14.1)				2.6 (5.7)	3.7 (8.1)	5.0 (11)		
52 (170'7")		3.9 (8.5)	4.9 (10.8)	5.8 (12.7)				2.1 (4.6)	3.2 (7)	4.4 (9.7)		
54 (177'2")		3.4 (7.4)	4.4 (9.7)	5.4 (11.9)					2.7 (5.9)	3.9 (8.5)		
56 (183'9")			4.0 (8.8)	4.8 (10.5)					2.2 (4.8)	3.3 (7.2)		
58 (190'3")			3.6 (7.9)	4.4 (9.7)					1.8 (3.9)	2.9 (6.3)		
60 (196'10")			3.1 (6.8)	3.9 (8.5)						2.3 (5)		
62 (203'5")				3.6 (7.9)						1.9 (4.1)		
64 (209'12")				3.1 (6.8)								
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												
76 (249'4")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	55.5 (182'1")											
	22 (72'2")						25 (82'0")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
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 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	55.5 (182'1")											
	28 (91'10")						31 (101'8")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")	41.3 (91)						41.3 (91)					
16 (52'6")	40.7 (89.7)						40.5 (89.2)					
18 (59'1")	37.2 (82)						36.9 (81.3)					
20 (65'7")	34.2 (75.3)						34.0 (74.9)					
22 (72'2")	31.7 (69.8)	31.2 (68.7)					31.4 (69.2)	30.5 (67.2)				
24 (78'9")	29.0 (63.9)	28.7 (63.2)					29.2 (64.3)	28.1 (61.9)				
26 (85'4")	25.7 (56.6)	26.5 (58.4)					25.9 (57)	25.9 (57)				
28 (91'10")	22.1 (48.7)	24.7 (54.4)	22.2 (48.9)				23.2 (51.1)	24.1 (53.1)	21.6 (47.6)			
30 (98'5")	19.5 (42.9)	23.1 (50.9)	20.7 (45.6)				20.8 (45.8)	22.4 (49.3)	20.2 (44.5)			
32 (104'12")		21.7 (47.8)	19.4 (42.7)				18.8 (41.4)	21.0 (46.2)	18.9 (41.6)			
34 (111'7")			18.2 (40.1)				15.9 (35)	19.8 (43.6)	17.6 (38.8)			
36 (118'1")			17.0 (37.4)	15.2 (33.5)				18.8 (41.4)	16.6 (36.5)	14.7 (32.4)		
38 (124'8")				14.2 (31.3)				17.9 (39.4)	15.7 (34.6)	13.9 (30.6)		
40 (131'3")				13.4 (29.5)					14.9 (32.8)	13.1 (28.8)		
42 (137'10")				12.6 (27.7)	11.1 (24.4)				14.0 (30.8)	12.4 (27.3)	10.8 (23.8)	
44 (144'4")					10.4 (22.9)					11.8 (26)	10.1 (22.2)	
46 (150'11")					9.7 (21.3)					11.1 (24.4)	9.5 (20.9)	
48 (157'6")						7.6 (16.7)				10.5 (23.1)	8.9 (19.6)	7.4 (16.3)
50 (164'0")						7.1 (15.6)					8.4 (18.5)	6.9 (15.2)
52 (170'7")						6.7 (14.7)					7.9 (17.4)	6.5 (14.3)
54 (177'2")												6.1 (13.4)
56 (183'9")												5.7 (12.5)
58 (190'3")												
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	55.5 (182'1")											
	34 (111'7")						37 (121'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
12 (39'4")												
14 (45'11")												
16 (52'6")	36.7 (80.9)						32.8 (72.3)					
18 (59'1")	34.6 (76.2)						32.2 (70.9)					
20 (65'7")	32.7 (72)						31.5 (69.4)					
22 (72'2")	31.0 (68.3)						30.6 (67.4)					
24 (78'9")	28.8 (63.4)	27.5 (60.6)					28.5 (62.8)	26.9 (59.3)				
26 (85'4")	26.2 (57.7)	25.4 (55.9)					26.4 (58.2)	24.9 (54.8)				
28 (91'10")	23.4 (51.5)	23.6 (52)					23.7 (52.2)	23.1 (50.9)				
30 (98'5")	21.1 (46.5)	22.0 (48.5)					21.3 (46.9)	21.5 (47.3)				
32 (104'12")	19.1 (42.1)	20.6 (45.4)	18.4 (40.5)				19.4 (42.7)	20.1 (44.3)	18.0 (39.6)			
34 (111'7")	16.8 (37)	19.3 (42.5)	17.2 (37.9)				17.6 (38.8)	18.9 (41.6)	16.8 (37)			
36 (118'1")		18.3 (40.3)	16.2 (35.7)				16.1 (35.4)	17.7 (39)	15.8 (34.8)			
38 (124'8")		17.3 (38.1)	15.3 (33.7)	13.5 (29.7)			14.8 (32.6)	16.8 (37)	14.9 (32.8)	13.1 (28.8)		
40 (131'3")			14.5 (31.9)	12.7 (27.9)				15.9 (35)	14.1 (31)	12.3 (27.1)		
42 (137'10")			13.7 (30.2)	12.0 (26.4)				15.2 (33.5)	13.4 (29.5)	11.6 (25.5)		
44 (144'4")				11.4 (25.1)				14.2 (31.3)	12.6 (27.7)	11.0 (24.2)		
46 (150'11")				10.8 (23.8)	9.2 (20.2)				12.0 (26.4)	10.4 (22.9)	9.0 (19.8)	
48 (157'6")				10.3 (22.7)	8.7 (19.1)				11.5 (25.3)	10.0 (22)	8.5 (18.7)	
50 (164'0")					8.2 (18)					9.5 (20.9)	8.1 (17.8)	
52 (170'7")					7.8 (17.1)	6.3 (13.8)				9.0 (19.8)	7.7 (16.9)	6.1 (13.4)
54 (177'2")						5.9 (13)				8.6 (18.9)	7.2 (15.8)	5.7 (12.5)
56 (183'9")						5.5 (12.1)					6.8 (14.9)	5.3 (11.6)
58 (190'3")						5.2 (11.4)					6.4 (14.1)	5.0 (11)
60 (196'10")												4.7 (10.3)
62 (203'5")												4.4 (9.7)
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	55.5 (182'1")											
	40 (131'3")						43 (141'1")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")												
16 (52'6")												
18 (59'1")	29.8 (65.6)						27.3 (60.1)					
20 (65'7")	29.3 (64.5)						27.0 (59.5)					
22 (72'2")	27.8 (61.2)						25.0 (55.1)					
24 (78'9")	25.9 (57)						23.3 (51.3)					
26 (85'4")	24.1 (53.1)	24.8 (54.6)					21.8 (48)	24.8 (54.6)				
28 (91'10")	22.0 (48.5)	23.1 (50.9)					20.4 (44.9)	23.1 (50.9)				
30 (98'5")	20.3 (44.7)	21.5 (47.3)					19.3 (42.5)	21.5 (47.3)				
32 (104'12")	18.8 (41.4)	20.1 (44.3)					18.2 (40.1)	20.1 (44.3)				
34 (111'7")	17.4 (38.3)	18.9 (41.6)	16.9 (37.2)				17.2 (37.9)	18.9 (41.6)	16.9 (37.2)			
36 (118'1")	16.1 (35.4)	17.8 (39.2)	15.9 (35)				16.0 (35.2)	17.9 (39.4)	15.9 (35)			
38 (124'8")	14.7 (32.4)	16.8 (37)	14.9 (32.8)				14.7 (32.4)	16.8 (37)	15.0 (33)			
40 (131'3")	13.6 (29.9)	15.9 (35)	14.1 (31)				13.6 (29.9)	15.9 (35)	14.2 (31.3)			
42 (137'10")		15.1 (33.2)	13.4 (29.5)	11.7 (25.7)			12.5 (27.5)	15.1 (33.2)	13.4 (29.5)	11.8 (26)		
44 (144'4")		14.3 (31.5)	12.7 (27.9)	11.1 (24.4)			11.5 (25.3)	14.4 (31.7)	12.8 (28.2)	11.1 (24.4)		
46 (150'11")			12.0 (26.4)	10.5 (23.1)				13.4 (29.5)	12.0 (26.4)	10.6 (23.3)		
48 (157'6")			11.5 (25.3)	10.0 (22)				12.4 (27.3)	11.4 (25.1)	10.1 (22.2)		
50 (164'0")				9.5 (20.9)	7.9 (17.4)			11.4 (25.1)	10.7 (23.5)	9.6 (21.1)	7.7 (16.9)	
52 (170'7")				9.0 (19.8)	7.4 (16.3)				10.2 (22.4)	9.1 (20)	7.1 (15.6)	
54 (177'2")				8.6 (18.9)	7.0 (15.4)				9.7 (21.3)	8.6 (18.9)	6.7 (14.7)	
56 (183'9")					6.6 (14.5)	5.2 (11.4)				8.2 (18)	6.3 (13.8)	5.1 (11.2)
58 (190'3")					6.2 (13.6)	4.8 (10.5)				7.8 (17.1)	5.9 (13)	4.7 (10.3)
60 (196'10")						4.5 (9.9)				7.3 (16)	5.6 (12.3)	4.4 (9.7)
62 (203'5")						4.2 (9.2)					5.2 (11.4)	4.1 (9)
64 (209'12")											5.0 (11)	3.9 (8.5)
66 (216'6")												3.6 (7.9)
68 (223'1")												3.4 (7.4)
70 (229'8")												
72 (236'3")												
74 (242'9")												
76 (249'4")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom(m) (ft)	55.5 (182'1")											
	46 (150'11")						49 (160'9")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	23.8 (52.4)						20.5 (45.1)					
22 (72'2")	22.0 (48.5)						18.9 (41.6)					
24 (78'9")	20.4 (44.9)						17.6 (38.8)					
26 (85'4")	19.1 (42.1)						16.4 (36.1)					
28 (91'10")	17.9 (39.4)	20.5 (45.1)					15.3 (33.7)	17.9 (39.4)				
30 (98'5")	16.8 (37)	19.1 (42.1)					14.4 (31.7)	16.6 (36.5)				
32 (104'12")	15.8 (34.8)	17.8 (39.2)					13.5 (29.7)	15.5 (34.1)				
34 (111'7")	15.0 (33)	16.7 (36.8)					12.8 (28.2)	14.5 (31.9)				
36 (118'1")	14.0 (30.8)	15.7 (34.6)					11.9 (26.2)	13.6 (29.9)				
38 (124'8")	12.9 (28.4)	14.8 (32.6)	14.2 (31.3)				11.2 (24.6)	12.8 (28.2)	13.4 (29.5)			
40 (131'3")	12.0 (26.4)	14.0 (30.8)	13.4 (29.5)				10.4 (22.9)	12.1 (26.6)	12.6 (27.7)			
42 (137'10")	11.2 (24.6)	13.3 (29.3)	12.6 (27.7)				9.8 (21.6)	11.4 (25.1)	11.9 (26.2)			
44 (144'4")	10.3 (22.7)	12.6 (27.7)	12.0 (26.4)				9.1 (20)	10.8 (23.8)	11.3 (24.9)			
46 (150'11")		11.8 (26)	11.3 (24.9)	10.3 (22.7)				10.2 (22.4)	10.6 (23.3)	10.0 (22)		
48 (157'6")		11.0 (24.2)	10.7 (23.5)	9.8 (21.6)				9.6 (21.1)	10.1 (22.2)	9.5 (20.9)		
50 (164'0")		10.2 (22.4)	10.1 (22.2)	9.3 (20.5)				9.0 (19.8)	9.5 (20.9)	9.0 (19.8)		
52 (170'7")			9.6 (21.1)	8.8 (19.4)					9.0 (19.8)	8.5 (18.7)		
54 (177'2")			9.1 (20)	8.3 (18.2)	6.6 (14.5)				8.5 (18.7)	8.1 (17.8)	6.5 (14.3)	
56 (183'9")				7.9 (17.4)	6.2 (13.6)					7.7 (16.9)	6.1 (13.4)	
58 (190'3")				7.5 (16.5)	5.8 (12.7)					7.3 (16)	5.7 (12.5)	
60 (196'10")				7.1 (15.6)	5.5 (12.1)					6.9 (15.2)	5.3 (11.6)	
62 (203'5")					5.1 (11.2)	3.9 (8.5)					5.0 (11)	3.7 (8.1)
64 (209'12")					4.9 (10.8)	3.7 (8.1)					4.7 (10.3)	3.5 (7.7)
66 (216'6")						3.4 (7.4)						3.2 (7)
68 (223'1")						3.0 (6.6)						2.8 (6.1)
70 (229'8")												
72 (236'3")												
74 (242'9")												
76 (249'4")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg/((187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom(m) (ft)	55.5 (182'1")											
	52 (170'7")						55 (180'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	17.2 (37.9)						14.6 (32.1)					
22 (72'2")	15.9 (35)						13.6 (29.9)					
24 (78'9")	14.8 (32.6)						12.7 (27.9)					
26 (85'4")	13.7 (30.2)						11.7 (25.7)					
28 (91'10")	12.8 (28.2)	15.3 (33.7)					10.9 (24)	13.1 (28.8)				
30 (98'5")	11.9 (26.2)	14.2 (31.3)					10.2 (22.4)	12.1 (26.6)				
32 (104'12")	11.2 (24.6)	13.2 (29.1)					9.6 (21.1)	11.3 (24.9)				
34 (111'7")	10.5 (23.1)	12.3 (27.1)					8.8 (19.4)	10.6 (23.3)				
36 (118'1")	9.9 (21.8)	11.5 (25.3)					8.4 (18.5)	9.8 (21.6)				
38 (124'8")	9.4 (20.7)	10.8 (23.8)	12.6 (27.7)				7.9 (17.4)	9.2 (20.2)	10.8 (23.8)			
40 (131'3")	8.9 (19.6)	10.2 (22.4)	11.8 (26)				7.3 (16)	8.6 (18.9)	10.1 (22.2)			
42 (137'10")	8.4 (18.5)	9.6 (21.1)	11.1 (24.4)				6.9 (15.2)	8.1 (17.8)	9.5 (20.9)			
44 (144'4")	8.0 (17.6)	9.1 (20)	10.5 (23.1)				6.5 (14.3)	7.5 (16.5)	8.8 (19.4)			
46 (150'11")	7.5 (16.5)	8.6 (18.9)	9.9 (21.8)	9.7 (21.3)			6.1 (13.4)	7.1 (15.6)	8.3 (18.2)	9.6 (21.1)		
48 (157'6")	7.1 (15.6)	8.2 (18)	9.4 (20.7)	9.2 (20.2)			5.6 (12.3)	6.6 (14.5)	7.9 (17.4)	8.1 (17.8)		
50 (164'0")	6.8 (14.9)	7.8 (17.1)	8.9 (19.6)	8.7 (19.1)			5.4 (11.9)	6.3 (13.8)	7.3 (16)	7.5 (16.5)		
52 (170'7")	6.5 (14.3)	7.3 (16)	8.4 (18.5)	8.3 (18.2)			4.4 (9.7)	5.8 (12.7)	6.9 (15.2)	7.2 (15.8)		
54 (177'2")	6.2 (13.6)	7.0 (15.4)	8.0 (17.6)	7.9 (17.4)	6.4 (14.1)		4.3 (9.4)	5.5 (12.1)	6.4 (14.1)	6.7 (14.7)		
56 (183'9")		6.6 (14.5)	7.5 (16.5)	7.4 (16.3)	6.0 (13.2)			4.4 (9.7)	6.1 (13.4)	6.3 (13.8)	6.7 (14.7)	
58 (190'3")		6.4 (14.1)	7.1 (15.6)	7.1 (15.6)	5.6 (12.3)			4.3 (9.4)	5.6 (12.3)	5.9 (13)	5.2 (11.4)	
60 (196'10")			6.8 (14.9)	6.7 (14.7)	5.2 (11.4)			3.5 (7.7)	5.4 (11.9)	5.6 (12.3)	4.8 (10.5)	
62 (203'5")			6.5 (14.3)	6.4 (14.1)	4.9 (10.8)	3.6 (7.9)			4.3 (9.4)	5.2 (11.4)	4.4 (9.7)	
64 (209'12")			6.3 (13.8)	6.0 (13.2)	4.6 (10.1)	3.3 (7.2)			3.5 (7.7)	4.8 (10.5)	4.2 (9.2)	3.7 (8.1)
66 (216'6")				5.7 (12.5)	4.3 (9.4)	3.1 (6.8)			3.4 (7.4)	4.2 (9.2)	3.8 (8.3)	3.3 (7.2)
68 (223'1")				5.4 (11.9)	4.1 (9)					4.2 (9.2)	3.6 (7.9)	3.0 (6.6)
70 (229'8")					3.8 (8.3)					3.3 (7.2)	3.0 (6.6)	
72 (236'3")					3.6 (7.9)							
74 (242'9")												
76 (249'4")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	55.5 (182'1")											
	58 (190'3")						61 (200'2")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	11.9 (26.2)						9.2 (20.2)					
22 (72'2")	11.2 (24.6)						8.9 (19.6)					
24 (78'9")	10.6 (23.3)						8.5 (18.7)					
26 (85'4")	9.7 (21.3)						7.7 (16.9)					
28 (91'10")	9.1 (20)	10.8 (23.8)					7.3 (16)	8.6 (18.9)				
30 (98'5")	8.4 (18.5)	9.9 (21.8)					6.6 (14.5)	7.8 (17.1)				
32 (104'12")	7.9 (17.4)	9.4 (20.7)					6.3 (13.8)	7.5 (16.5)				
34 (111'7")	7.2 (15.8)	8.8 (19.4)					5.5 (12.1)	7.1 (15.6)				
36 (118'1")	6.8 (14.9)	8.1 (17.8)					5.3 (11.6)	6.4 (14.1)				
38 (124'8")	6.5 (14.3)	7.7 (16.9)	9.0 (19.8)				5.0 (11)	6.1 (13.4)	7.2 (15.8)			
40 (131'3")	5.8 (12.7)	6.9 (15.2)	8.3 (18.2)				4.3 (9.4)	5.3 (11.6)	6.5 (14.3)			
42 (137'10")	5.5 (12.1)	6.6 (14.5)	7.8 (17.1)				4.1 (9)	5.1 (11.2)	6.2 (13.6)			
44 (144'4")	5.0 (11)	6.0 (13.2)	7.1 (15.6)				3.5 (7.7)	4.4 (9.7)	5.4 (11.9)			
46 (150'11")	4.7 (10.3)	5.7 (12.5)	6.8 (14.9)	7.1 (15.6)			3.3 (7.2)	4.2 (9.2)	5.2 (11.4)			
48 (157'6")	4.1 (9)	5.1 (11.2)	6.4 (14.1)	7.0 (15.4)			2.6 (5.7)	3.5 (7.7)	4.9 (10.8)	5.9 (13)		
50 (164'0")	3.9 (8.5)	4.8 (10.5)	5.8 (12.7)	6.4 (14.1)			2.5 (5.5)	3.3 (7.2)	4.2 (9.2)	5.2 (11.4)		
52 (170'7")	2.6 (5.7)	4.2 (9.2)	5.5 (12.1)	6.1 (13.4)				2.7 (5.9)	4.0 (8.8)	5.0 (11)		
54 (177'2")	2.1 (4.6)	4.0 (8.8)	4.9 (10.8)	5.5 (12.1)				2.5 (5.5)	3.4 (7.4)	4.3 (9.4)		
56 (183'9")		2.7 (5.9)	4.6 (10.1)	5.2 (11.4)	5.8 (12.7)				3.2 (7)	4.1 (9)		
58 (190'3")		2.1 (4.6)	4.1 (9)	4.6 (10.1)	4.7 (10.3)				2.6 (5.7)	3.4 (7.4)	4.3 (9.4)	
60 (196'10")			3.9 (8.5)	4.4 (9.7)	4.5 (9.9)				2.4 (5.2)	3.2 (7)	4.1 (9)	
62 (203'5")			2.6 (5.7)	3.9 (8.5)	4.0 (8.8)					2.6 (5.7)	3.5 (7.7)	
64 (209'12")			2.0 (4.4)	3.7 (8.1)	3.7 (8.1)	4.1 (9)				2.5 (5.5)	3.3 (7.2)	
66 (216'6")				2.6 (5.7)	3.2 (7)	3.6 (7.9)					2.7 (5.9)	3.9 (8.5)
68 (223'1")				2.0 (4.4)	3.0 (6.6)	3.1 (6.8)					2.5 (5.5)	3.3 (7.2)
70 (229'8")					2.7 (5.9)	2.9 (6.3)						3.1 (6.8)
72 (236'3")						2.4 (5.2)						2.5 (5.5)
74 (242'9")												2.3 (5)
76 (249'4")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom(m) (ft)	58.5 (191'11")											
	22 (72'2")						25 (82'0")					
Length of luffing jib(m) (ft)	22 (72'2")						25 (82'0")					
Room angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)	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 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	58.5 (191'11")											
	28 (91'10")						31 (101'8")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")	39.4 (86.8)						38.8 (85.5)					
16 (52'6")	35.6 (78.4)						35.1 (77.3)					
18 (59'1")	32.5 (71.6)						32.0 (70.5)					
20 (65'7")	29.8 (65.6)						29.4 (64.8)					
22 (72'2")	27.6 (60.8)	30.4 (67)					27.1 (59.7)	29.8 (65.6)				
24 (78'9")	25.7 (56.6)	28.0 (61.7)					25.3 (55.7)	27.3 (60.1)				
26 (85'4")	24.1 (53.1)	25.9 (57)					23.7 (52.2)	25.3 (55.7)				
28 (91'10")	21.8 (48)	24.1 (53.1)					22.2 (48.9)	23.5 (51.8)				
30 (98'5")		22.5 (49.6)	20.0 (44)				20.9 (46)	21.9 (48.2)	19.5 (42.9)			
32 (104'12")		21.1 (46.5)	18.7 (41.2)				19.2 (42.3)	20.5 (45.1)	18.2 (40.1)			
34 (111'7")			17.6 (38.8)				16.4 (36.1)	19.3 (42.5)	17.0 (37.4)			
36 (118'1")			16.6 (36.5)	14.7 (32.4)				18.3 (40.3)	16.0 (35.2)	14.1 (31)		
38 (124'8")			15.6 (34.3)	13.8 (30.4)				17.3 (38.1)	15.2 (33.5)	13.3 (29.3)		
40 (131'3")				13.0 (28.6)					14.4 (31.7)	12.4 (27.3)		
42 (137'10")				12.2 (26.8)					13.7 (30.2)	11.8 (26)		
44 (144'4")					9.8 (21.6)				13.1 (28.8)	11.2 (24.6)	9.6 (21.1)	
46 (150'11")					9.2 (20.2)					10.7 (23.5)	9.1 (20)	
48 (157'6")					8.7 (19.1)					10.2 (22.4)	8.6 (18.9)	
50 (164'0")						6.5 (14.3)					8.1 (17.8)	6.2 (13.6)
52 (170'7")						6.1 (13.4)					7.5 (16.5)	5.8 (12.7)
54 (177'2")						5.2 (11.4)						5.5 (12.1)
56 (183'9")												5.1 (11.2)
58 (190'3")												4.8 (10.5)
60 (196'10")												
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	58.5 (191'11")											
	34 (111'7")						37 (121'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")												
16 (52'6")	31.2 (68.7)						27.3 (60.1)					
18 (59'1")	29.7 (65.4)						27.3 (60.1)					
20 (65'7")	28.4 (62.6)						27.3 (60.1)					
22 (72'2")	27.0 (59.5)						26.8 (59)					
24 (78'9")	25.1 (55.3)	27.3 (60.1)					24.9 (54.8)	27.3 (60.1)				
26 (85'4")	23.5 (51.8)	25.3 (55.7)					23.3 (51.3)	25.3 (55.7)				
28 (91'10")	22.0 (48.5)	23.5 (51.8)					21.7 (47.8)	23.5 (51.8)				
30 (98'5")	20.7 (45.6)	21.9 (48.2)					20.4 (44.9)	21.9 (48.2)				
32 (104'12")	19.2 (42.3)	20.6 (45.4)	18.3 (40.3)				19.3 (42.5)	20.6 (45.4)	18.4 (40.5)			
34 (111'7")	17.0 (37.4)	19.3 (42.5)	17.1 (37.6)				17.6 (38.8)	19.4 (42.7)	17.2 (37.9)			
36 (118'1")		18.3 (40.3)	16.1 (35.4)				16.1 (35.4)	18.3 (40.3)	16.2 (35.7)			
38 (124'8")		17.3 (38.1)	15.2 (33.5)				14.8 (32.6)	17.2 (37.9)	15.3 (33.7)			
40 (131'3")			14.4 (31.7)	12.5 (27.5)				16.4 (36.1)	14.5 (31.9)	12.6 (27.7)		
42 (137'10")			13.7 (30.2)	11.9 (26.2)				15.4 (33.9)	13.7 (30.2)	11.9 (26.2)		
44 (144'4")			13.0 (28.6)	11.2 (24.6)				14.4 (31.7)	12.9 (28.4)	11.2 (24.6)		
46 (150'11")				10.7 (23.5)	8.9 (19.6)				12.1 (26.6)	10.6 (23.3)	8.7 (19.1)	
48 (157'6")				10.1 (22.2)	8.4 (18.5)				11.4 (25.1)	10.0 (22)	8.2 (18)	
50 (164'0")					7.9 (17.4)				10.8 (23.8)	9.4 (20.7)	7.7 (16.9)	
52 (170'7")					7.3 (16)					8.9 (19.6)	7.1 (15.6)	
54 (177'2")						5.3 (11.6)				8.5 (18.7)	6.7 (14.7)	5.1 (11.2)
56 (183'9")						4.9 (10.8)					6.3 (13.8)	4.7 (10.3)
58 (190'3")						4.6 (10.1)					5.9 (13)	4.4 (9.7)
60 (196'10")						4.3 (9.4)						4.1 (9)
62 (203'5")												3.9 (8.5)
64 (209'12")												3.6 (7.9)
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	58.5 (191'11")											
	40 (131'3")						43 (141'1")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")												
16 (52'6")	27.1 (59.7)						26.9 (59.3)					
18 (59'1")	26.9 (59.3)						26.4 (58.2)					
20 (65'7")	26.2 (57.7)						25.1 (55.3)					
22 (72'2")	25.1 (55.3)						23.4 (51.5)					
24 (78'9")	23.4 (51.5)	25.8 (56.8)					21.8 (48)	24.3 (53.5)				
26 (85'4")	21.9 (48.2)	23.9 (52.6)					20.5 (45.1)	22.5 (49.6)				
28 (91'10")	20.5 (45.1)	22.2 (48.9)					19.3 (42.5)	21.0 (46.2)				
30 (98'5")	19.3 (42.5)	20.8 (45.8)					18.2 (40.1)	19.7 (43.4)				
32 (104'12")	18.3 (40.3)	19.5 (42.9)	17.3 (38.1)				17.2 (37.9)	18.5 (40.7)	16.3 (35.9)			
34 (111'7")	16.8 (37)	18.4 (40.5)	16.3 (35.9)				16.0 (35.2)	17.4 (38.3)	15.4 (33.9)			
36 (118'1")	15.4 (33.9)	17.3 (38.1)	15.4 (33.9)				14.7 (32.4)	16.4 (36.1)	14.5 (31.9)			
38 (124'8")	14.2 (31.3)	16.4 (36.1)	14.5 (31.9)				13.6 (29.9)	15.5 (34.1)	13.7 (30.2)			
40 (131'3")		15.6 (34.3)	13.7 (30.2)	11.9 (26.2)			12.5 (27.5)	14.8 (32.6)	13.0 (28.6)	11.2 (24.6)		
42 (137'10")		14.7 (32.4)	13.0 (28.6)	11.3 (24.9)			11.6 (25.5)	14.1 (31)	12.2 (26.8)	10.6 (23.3)		
44 (144'4")		13.9 (30.6)	12.3 (27.1)	10.7 (23.5)				13.4 (29.5)	11.7 (25.7)	10.1 (22.2)		
46 (150'11")			11.6 (25.5)	10.1 (22.2)				12.5 (27.5)	11.1 (24.4)	9.6 (21.1)		
48 (157'6")			11.0 (24.2)	9.5 (20.9)	7.6 (16.7)			11.6 (25.5)	10.5 (23.1)	9.1 (20)	7.0 (15.4)	
50 (164'0")			10.4 (22.9)	9.0 (19.8)	7.1 (15.6)				10.0 (22)	8.7 (19.1)	6.6 (14.5)	
52 (170'7")				8.6 (18.9)	6.7 (14.7)				9.5 (20.9)	8.3 (18.2)	6.2 (13.6)	
54 (177'2")				8.1 (17.8)	6.3 (13.8)				9.0 (19.8)	7.8 (17.1)	5.8 (12.7)	
56 (183'9")					5.9 (13)	4.4 (9.7)				7.3 (16)	5.4 (11.9)	4.2 (9.2)
58 (190'3")					5.5 (12.1)	4.1 (9)				6.9 (15.2)	5.1 (11.2)	3.9 (8.5)
60 (196'10")						3.8 (8.3)					4.8 (10.5)	3.6 (7.9)
62 (203'5")						3.6 (7.9)					4.5 (9.9)	3.4 (7.4)
64 (209'12")						3.3 (7.2)						3.1 (6.8)
66 (216'6")												2.9 (6.3)
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												
76 (249'4")												

Load Charts of luffing jib Hook for LJ Operating condition

Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom(m) (ft)	58.5 (191'11")											
	46 (150'11")						49 (160'9")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	22.5 (49.6)						19.9 (43.8)					
22 (72'2")	20.9 (46)						18.5 (40.7)					
24 (78'9")	19.5 (42.9)						17.1 (37.6)					
26 (85'4")	18.3 (40.3)						16.0 (35.2)					
28 (91'10")	17.1 (37.6)						15.0 (33)					
30 (98'5")	16.1 (35.4)	17.9 (39.4)					14.1 (31)	16.2 (35.7)				
32 (104'12")	15.2 (33.5)	16.8 (37)					13.2 (29.1)	15.1 (33.2)				
34 (111'7")	14.2 (31.3)	15.8 (34.8)					12.3 (27.1)	14.1 (31)				
36 (118'1")	13.1 (28.8)	14.8 (32.6)					11.5 (25.3)	13.2 (29.1)				
38 (124'8")	12.2 (26.8)	14.0 (30.8)	13.4 (29.5)				10.8 (23.8)	12.4 (27.3)	13.2 (29.1)			
40 (131'3")	11.3 (24.9)	13.3 (29.3)	12.7 (27.9)				10.1 (22.2)	11.8 (26)	12.4 (27.3)			
42 (137'10")	10.5 (23.1)	12.6 (27.7)	11.9 (26.2)				9.5 (20.9)	11.2 (24.6)	11.6 (25.5)			
44 (144'4")		12.0 (26.4)	11.4 (25.1)					10.6 (23.3)	11.1 (24.4)			
46 (150'11")		11.3 (24.9)	10.8 (23.8)					10.0 (22)	10.4 (22.9)			
48 (157'6")		10.5 (23.1)	10.2 (22.4)	8.9 (19.6)				9.4 (20.7)	9.8 (21.6)	8.8 (19.4)		
50 (164'0")			9.7 (21.3)	8.5 (18.7)					9.3 (20.5)	8.3 (18.2)		
52 (170'7")			9.1 (20)	8.1 (17.8)					8.8 (19.4)	7.9 (17.4)		
54 (177'2")			8.7 (19.1)	7.6 (16.7)					8.4 (18.5)	7.5 (16.5)		
56 (183'9")				7.2 (15.8)	5.4 (11.9)					7.1 (15.6)	5.5 (12.1)	
58 (190'3")				6.9 (15.2)	5.1 (11.2)					6.8 (14.9)	5.1 (11.2)	
60 (196'10")					4.8 (10.5)	2.4 (5.2)					4.8 (10.5)	
62 (203'5")					4.5 (9.9)	2.2 (4.8)					4.5 (9.9)	
64 (209'12")						2.0 (4.4)					4.2 (9.2)	
66 (216'6")						1.9 (4.1)						
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												
76 (249'4")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	58.5 (191'11")											
	52 (170'7")						55 (180'5")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
	Radius(m) (ft)											
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	17.3 (38.1)						14.6 (32.1)					
22 (72'2")	16.0 (35.2)						13.6 (29.9)					
24 (78'9")	14.8 (32.6)						12.5 (27.5)					
26 (85'4")	13.8 (30.4)						11.7 (25.7)					
28 (91'10")	12.9 (28.4)						11.0 (24.2)					
30 (98'5")	12.0 (26.4)	14.4 (31.7)					10.2 (22.4)	12.2 (26.8)				
32 (104'12")	11.2 (24.6)	13.4 (29.5)					9.6 (21.1)	11.4 (25.1)				
34 (111'7")	10.5 (23.1)	12.4 (27.3)					8.8 (19.4)	10.7 (23.5)				
36 (118'1")	9.9 (21.8)	11.6 (25.5)					8.4 (18.5)	9.9 (21.8)				
38 (124'8")	9.4 (20.7)	10.9 (24)	13.0 (28.6)				7.8 (17.1)	9.3 (20.5)	11.1 (24.4)			
40 (131'3")	8.9 (19.6)	10.3 (22.7)	12.1 (26.6)				7.3 (16)	8.7 (19.1)	10.3 (22.7)			
42 (137'10")	8.4 (18.5)	9.7 (21.3)	11.3 (24.9)				6.9 (15.2)	8.2 (18)	9.6 (21.1)			
44 (144'4")	8.0 (17.6)	9.2 (20.2)	10.7 (23.5)				6.5 (14.3)	7.6 (16.7)	9.0 (19.8)			
46 (150'11")	7.5 (16.5)	8.7 (19.1)	10.1 (22.2)				6.1 (13.4)	7.2 (15.8)	8.5 (18.7)			
48 (157'6")	7.1 (15.6)	8.3 (18.2)	9.5 (20.9)	8.7 (19.1)			5.7 (12.5)	6.7 (14.7)	8.0 (17.6)	7.8 (17.1)		
50 (164'0")	6.8 (14.9)	7.8 (17.1)	9.0 (19.8)	8.2 (18)			5.4 (11.9)	6.3 (13.8)	7.4 (16.3)	7.2 (15.8)		
52 (170'7")	6.5 (14.3)	7.4 (16.3)	8.5 (18.7)	7.8 (17.1)			4.4 (9.7)	5.9 (13)	7.0 (15.4)	6.9 (15.2)		
54 (177'2")	6.2 (13.6)	7.0 (15.4)	8.1 (17.8)	7.3 (16)			4.3 (9.4)	5.6 (12.3)	6.5 (14.3)	6.4 (14.1)		
56 (183'9")		6.7 (14.7)	7.7 (16.9)	7.0 (15.4)	5.5 (12.1)		3.4 (7.4)	5.3 (11.6)	6.2 (13.6)	6.1 (13.4)	6.8 (14.9)	
58 (190'3")		6.4 (14.1)	7.2 (15.8)	6.7 (14.7)	5.1 (11.2)			4.3 (9.4)	5.7 (12.5)	5.7 (12.5)	5.0 (11)	
60 (196'10")			6.9 (15.2)	6.4 (14.1)	4.8 (10.5)			3.5 (7.7)	5.5 (12.1)	5.4 (11.9)	4.6 (10.1)	
62 (203'5")			6.6 (14.5)	6.0 (13.2)	4.5 (9.9)			3.4 (7.4)	4.4 (9.7)	4.9 (10.8)	4.3 (9.4)	
64 (209'12")			6.3 (13.8)	5.7 (12.5)	4.2 (9.2)				4.2 (9.2)	4.6 (10.1)	3.9 (8.5)	
66 (216'6")				5.4 (11.9)	3.9 (8.5)					4.4 (9.7)	3.7 (8.1)	
68 (223'1")				5.1 (11.2)	3.7 (8.1)					4.2 (9.2)	3.3 (7.2)	
70 (229'8")					3.4 (7.4)					3.2 (7)	3.0 (6.6)	
72 (236'3")					3.2 (7)						2.3 (5)	
74 (242'9")					3.0 (6.6)							
76 (249'4")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	58.5 (191'11")											
	58 (190'3")						61 (200'2")					
Length of luffing jib(m) (ft)	Room angle(°)											
	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	11.9 (26.2)						9.2 (20.2)					
22 (72'2")	11.3 (24.9)						8.9 (19.6)					
24 (78'9")	10.3 (22.7)						8.0 (17.6)					
26 (85'4")	9.7 (21.3)						7.7 (16.9)					
28 (91'10")	9.2 (20.2)						7.4 (16.3)					
30 (98'5")	8.4 (18.5)	10.0 (22)					6.6 (14.5)	7.8 (17.1)				
32 (104'12")	7.9 (17.4)	9.5 (20.9)					6.3 (13.8)	7.5 (16.5)				
34 (111'7")	7.2 (15.8)	8.9 (19.6)					5.5 (12.1)	7.2 (15.8)				
36 (118'1")	6.8 (14.9)	8.1 (17.8)					5.3 (11.6)	6.4 (14.1)				
38 (124'8")	6.2 (13.6)	7.7 (16.9)	9.2 (20.2)				4.6 (10.1)	6.1 (13.4)	7.3 (16)			
40 (131'3")	5.8 (12.7)	7.0 (15.4)	8.4 (18.5)				4.3 (9.4)	5.4 (11.9)	6.5 (14.3)			
42 (137'10")	5.5 (12.1)	6.6 (14.5)	8.0 (17.6)				4.1 (9)	5.1 (11.2)	6.3 (13.8)			
44 (144'4")	5.0 (11)	6.0 (13.2)	7.2 (15.8)				3.5 (7.7)	4.4 (9.7)	5.5 (12.1)			
46 (150'11")	4.7 (10.3)	5.7 (12.5)	6.8 (14.9)				3.3 (7.2)	4.2 (9.2)	5.2 (11.4)			
48 (157'6")	4.2 (9.2)	5.2 (11.4)	6.5 (14.3)	7.0 (15.4)			2.7 (5.9)	3.6 (7.9)	5.0 (11)	6.1 (13.4)		
50 (164'0")	3.9 (8.5)	4.9 (10.8)	5.9 (13)	6.3 (13.8)			2.5 (5.5)	3.4 (7.4)	4.3 (9.4)	5.4 (11.9)		
52 (170'7")	3.4 (7.4)	4.3 (9.4)	5.6 (12.3)	6.0 (13.2)				2.7 (5.9)	4.1 (9)	5.1 (11.2)		
54 (177'2")	2.7 (5.9)	4.1 (9)	5.0 (11)	5.4 (11.9)				2.6 (5.7)	3.5 (7.7)	4.4 (9.7)		
56 (183'9")		3.8 (8.3)	4.8 (10.5)	5.1 (11.2)	6.6 (14.5)			2.4 (5.2)	3.3 (7.2)	4.2 (9.2)		
58 (190'3")		2.8 (6.1)	4.1 (9)	4.6 (10.1)	5.0 (11)				2.6 (5.7)	3.5 (7.7)	4.9 (10.8)	
60 (196'10")			4.0 (8.8)	4.3 (9.4)	4.4 (9.7)				2.5 (5.5)	3.3 (7.2)	4.2 (9.2)	
62 (203'5")			3.4 (7.4)	3.8 (8.3)	4.2 (9.2)					2.7 (5.9)	4.0 (8.8)	
64 (209'12")			2.7 (5.9)	3.6 (7.9)	3.7 (8.1)					2.5 (5.5)	3.4 (7.4)	
66 (216'6")				3.4 (7.4)	3.4 (7.4)					2.4 (5.2)	3.2 (7)	
68 (223'1")				2.6 (5.7)	3.0 (6.6)						2.6 (5.7)	
70 (229'8")					2.7 (5.9)						2.4 (5.2)	
72 (236'3")												
74 (242'9")												
76 (249'4")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	61.5 (201'9")											
	31 (101'8")						34 (111'7")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")	34.2 (75.3)											
16 (52'6")	30.8 (67.9)						29.1 (64.1)					
18 (59'1")	28.1 (61.9)						27.7 (61)					
20 (65'7")	25.8 (56.8)						25.6 (56.4)					
22 (72'2")	23.8 (52.4)	28.8 (63.4)					23.6 (52)					
24 (78'9")	22.1 (48.7)	26.3 (57.9)					21.9 (48.2)	25.7 (56.6)				
26 (85'4")	20.6 (45.4)	23.9 (52.6)					20.4 (44.9)	23.5 (51.8)				
28 (91'10")	19.4 (42.7)	22.4 (49.3)					19.1 (42.1)	22.0 (48.5)				
30 (98'5")	18.3 (40.3)	20.8 (45.8)	18.7 (41.2)				18.0 (39.6)	20.4 (44.9)				
32 (104'12")	17.3 (38.1)	19.5 (42.9)	17.4 (38.3)				17.0 (37.4)	19.1 (42.1)	17.5 (38.5)			
34 (111'7")	16.6 (36.5)	18.3 (40.3)	16.3 (35.9)				16.2 (35.7)	18.0 (39.6)	16.4 (36.1)			
36 (118'1")		17.2 (37.9)	15.4 (33.9)				15.2 (33.5)	16.9 (37.2)	15.5 (34.1)			
38 (124'8")		16.4 (36.1)	14.5 (31.9)	12.4 (27.3)				16.1 (35.4)	14.6 (32.1)			
40 (131'3")			13.8 (30.4)	11.7 (25.7)					13.8 (30.4)	11.9 (26.2)		
42 (137'10")			13.1 (28.8)	11.1 (24.4)					13.1 (28.8)	11.2 (24.6)		
44 (144'4")			12.4 (27.3)	10.5 (23.1)	8.8 (19.4)				12.5 (27.5)	10.6 (23.3)		
46 (150'11")				10.0 (22)	8.3 (18.2)					10.1 (22.2)	4.1 (9)	
48 (157'6")				9.6 (21.1)	7.9 (17.4)					9.6 (21.1)	7.7 (16.9)	
50 (164'0")				9.2 (20.2)	7.3 (16)					9.2 (20.2)	7.1 (15.6)	
52 (170'7")					6.8 (14.9)	5.1 (11.2)					6.7 (14.7)	
54 (177'2")					6.4 (14.1)	4.7 (10.3)					6.3 (13.8)	
56 (183'9")						4.4 (9.7)						4.3 (9.4)
58 (190'3")						4.1 (9)						4.0 (8.8)
60 (196'10")												3.7 (8.1)
62 (203'5")												
64 (209'12")												
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	61.5 (201'9")											
	37 (121'5")						40 (131'3")					
Length of luffing jib(m) (ft)												
Boom angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")												
16 (52'6")	27.3 (60.1)											
18 (59'1")	27.3 (60.1)						26.6 (58.6)					
20 (65'7")	25.4 (55.9)						25.2 (55.5)					
22 (72'2")	23.5 (51.8)						23.3 (51.3)					
24 (78'9")	21.7 (47.8)	25.1 (55.3)					21.5 (47.3)					
26 (85'4")	20.2 (44.5)	23.2 (51.1)					20.0 (44)	23.0 (50.7)				
28 (91'10")	18.9 (41.6)	21.5 (47.3)					18.7 (41.2)	21.3 (46.9)				
30 (98'5")	17.7 (39)	20.0 (44)					17.5 (38.5)	19.8 (43.6)				
32 (104'12")	16.7 (36.8)	18.8 (41.4)	17.6 (38.8)				16.5 (36.3)	18.6 (41)				
34 (111'7")	15.8 (34.8)	17.6 (38.8)	16.5 (36.3)				15.6 (34.3)	17.4 (38.3)	16.1 (35.4)			
36 (118'1")	15.0 (33)	16.6 (36.5)	15.6 (34.3)				14.8 (32.6)	16.4 (36.1)	15.2 (33.5)			
38 (124'8")	14.4 (31.7)	15.7 (34.6)	14.7 (32.4)				14.1 (31)	15.5 (34.1)	14.3 (31.5)			
40 (131'3")	13.0 (28.6)	14.9 (32.8)	13.9 (30.6)	12.0 (26.4)			13.0 (28.6)	14.6 (32.1)	13.5 (29.7)			
42 (137'10")		14.2 (31.3)	13.2 (29.1)	11.3 (24.9)			12.4 (27.3)	13.9 (30.6)	12.8 (28.2)			
44 (144'4")		13.6 (29.9)	12.6 (27.7)	10.7 (23.5)				13.3 (29.3)	12.2 (26.8)	10.4 (22.9)		
46 (150'11")			11.8 (26)	10.2 (22.4)					11.5 (25.3)	9.8 (21.6)		
48 (157'6")			11.2 (24.6)	9.7 (21.3)	7.4 (16.3)				10.9 (24)	9.3 (20.5)		
50 (164'0")			10.6 (23.3)	9.3 (20.5)	6.9 (15.2)				10.4 (22.9)	8.9 (19.6)		
52 (170'7")				8.7 (19.1)	6.5 (14.3)					8.4 (18.5)	6.2 (13.6)	
54 (177'2")				8.2 (18)	6.1 (13.4)					8.0 (17.6)	5.8 (12.7)	
56 (183'9")					5.7 (12.5)	4.3 (9.4)					5.5 (12.1)	
58 (190'3")					5.3 (11.6)	4.0 (8.8)					5.0 (11)	
60 (196'10")					5.0 (11)	3.7 (8.1)					4.7 (10.3)	
62 (203'5")						3.5 (7.7)					4.4 (9.7)	
64 (209'12")						3.2 (7)						
66 (216'6")												
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	61.5 (201'9")											
	43 (141'1")						46 (150'11")					
Length of luffing jib(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
Boom angle(°)												
Radius(m) (ft)												
14 (45'11")												
16 (52'6")												
18 (59'1")	25.9 (57)											
20 (65'7")	25.1 (55.3)						22.5 (49.6)					
22 (72'2")	23.1 (50.9)						20.7 (45.6)					
24 (78'9")	21.3 (46.9)						19.1 (42.1)					
26 (85'4")	19.8 (43.6)	22.8 (50.2)					17.8 (39.2)					
28 (91'10")	18.5 (40.7)	21.1 (46.5)					16.6 (36.5)					
30 (98'5")	17.3 (38.1)	19.7 (43.4)					15.6 (34.3)	18.0 (39.6)				
32 (104'12")	16.2 (35.7)	18.4 (40.5)					14.6 (32.1)	16.7 (36.8)				
34 (111'7")	15.3 (33.7)	17.1 (37.6)	15.7 (34.6)				13.7 (30.2)	15.6 (34.3)				
36 (118'1")	14.5 (31.9)	16.1 (35.4)	14.8 (32.6)				13.0 (28.6)	14.7 (32.4)				
38 (124'8")	13.8 (30.4)	15.2 (33.5)	13.9 (30.6)				12.3 (27.1)	13.8 (30.4)	13.5 (29.7)			
40 (131'3")	13.1 (28.8)	14.4 (31.7)	13.2 (29.1)				11.7 (25.7)	13.1 (28.8)	12.8 (28.2)			
42 (137'10")	12.4 (27.3)	13.7 (30.2)	12.4 (27.3)				11.1 (24.4)	12.4 (27.3)	12.1 (26.6)			
44 (144'4")	11.6 (25.5)	13.0 (28.6)	11.7 (25.7)	10.0 (22)			10.4 (22.9)	11.7 (25.7)	11.4 (25.1)			
46 (150'11")		12.3 (27.1)	11.2 (24.6)	9.5 (20.9)				11.2 (24.6)	10.9 (24)			
48 (157'6")		11.8 (26)	10.6 (23.3)	9.0 (19.8)				10.6 (23.3)	10.3 (22.7)	8.7 (19.1)		
50 (164'0")		11.4 (25.1)	10.2 (22.4)	8.6 (18.9)				10.2 (22.4)	9.8 (21.6)	8.3 (18.2)		
52 (170'7")			9.7 (21.3)	8.1 (17.8)	5.9 (13)				9.3 (20.5)	7.8 (17.1)		
54 (177'2")			9.2 (20.2)	7.8 (17.1)	5.5 (12.1)				8.8 (19.4)	7.4 (16.3)		
56 (183'9")			8.8 (19.4)	7.2 (15.8)	5.2 (11.4)				8.4 (18.5)	7.0 (15.4)	5.1 (11.2)	
58 (190'3")				6.8 (14.9)	4.8 (10.5)					6.6 (14.5)	4.7 (10.3)	
60 (196'10")				6.5 (14.3)	4.5 (9.9)					6.3 (13.8)	4.4 (9.7)	
62 (203'5")					4.2 (9.2)						4.1 (9)	
64 (209'12")					4.0 (8.8)						3.9 (8.5)	
66 (216'6")					3.7 (8.1)						3.6 (7.9)	
68 (223'1")												
70 (229'8")												
72 (236'3")												
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	61.5 (201'9")											
	49 (160'9")						52 (170'7")					
Length of luffing jib(m) (ft)	Room angle(°)											
Room angle(°)	88	83	78	73	68	63	88	83	78	73	68	63
Radius(m) (ft)												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	19.9 (43.8)						17.3 (38.1)					
22 (72'2")	18.4 (40.5)						16.0 (35.2)					
24 (78'9")	17.0 (37.4)						14.8 (32.6)					
26 (85'4")	15.8 (34.8)						13.8 (30.4)					
28 (91'10")	14.7 (32.4)						12.9 (28.4)					
30 (98'5")	13.8 (30.4)	16.2 (35.7)					12.0 (26.4)	14.5 (31.9)				
32 (104'12")	12.9 (28.4)	15.1 (33.2)					11.2 (24.6)	13.5 (29.7)				
34 (111'7")	12.2 (26.8)	14.1 (31)					10.6 (23.3)	12.6 (27.7)				
36 (118'1")	11.4 (25.1)	13.3 (29.3)					9.9 (21.8)	11.8 (26)				
38 (124'8")	10.8 (23.8)	12.4 (27.3)	13.2 (29.1)				9.4 (20.7)	11.0 (24.2)	12.9 (28.4)			
40 (131'3")	10.3 (22.7)	11.7 (25.7)	12.5 (27.5)				8.9 (19.6)	10.4 (22.9)	12.1 (26.6)			
42 (137'10")	9.7 (21.3)	11.1 (24.4)	11.8 (26)				8.4 (18.5)	9.8 (21.6)	11.4 (25.1)			
44 (144'4")	9.2 (20.2)	10.5 (23.1)	11.1 (24.4)				8.0 (17.6)	9.3 (20.5)	10.8 (23.8)			
46 (150'11")		10.0 (22)	10.5 (23.1)				7.5 (16.5)	8.8 (19.4)	10.2 (22.4)			
48 (157'6")		9.5 (20.9)	10.0 (22)	8.4 (18.5)			7.1 (15.6)	8.3 (18.2)	9.7 (21.3)	8.1 (17.8)		
50 (164'0")		9.0 (19.8)	9.5 (20.9)	8.0 (17.6)			6.8 (14.9)	7.9 (17.4)	9.1 (20)	7.7 (16.9)		
52 (170'7")			8.9 (19.6)	7.5 (16.5)			6.5 (14.3)	7.4 (16.3)	8.6 (18.9)	7.2 (15.8)		
54 (177'2")			8.5 (18.7)	7.1 (15.6)			6.2 (13.6)	7.1 (15.6)	8.2 (18)	6.8 (14.9)		
56 (183'9")			8.1 (17.8)	6.8 (14.9)	5.0 (11)			6.7 (14.7)	7.8 (17.1)	6.5 (14.3)	4.9 (10.8)	
58 (190'3")				6.4 (14.1)	4.6 (10.1)			6.4 (14.1)	7.3 (16)	6.2 (13.6)	4.5 (9.9)	
60 (196'10")				6.1 (13.4)	4.2 (9.2)			6.2 (13.6)	7.0 (15.4)	5.9 (13)	4.1 (9)	
62 (203'5")					4.0 (8.8)				6.7 (14.7)	5.6 (12.3)	3.9 (8.5)	
64 (209'12")					3.8 (8.3)				6.4 (14.1)	5.3 (11.6)	3.7 (8.1)	
66 (216'6")					3.5 (7.7)					5.0 (11)	3.4 (7.4)	
68 (223'1")					3.3 (7.2)					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)	
74 (242'9")												

Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)												Unit:kg(lb)×1000
Length of main boom(m) (ft)	61.5 (201'9")											
	55 (180'5")						58 (190'3")					
Length of luffing jib(m) (ft)	88	83	78	73	68	63	88	83	78	73	68	63
Room angle(°)												
Radius(m) (ft)												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	14.7 (32.4)						12.0 (26.4)					
22 (72'2")	13.6 (29.9)						11.3 (24.9)					
24 (78'9")	12.5 (27.5)						10.3 (22.7)					
26 (85'4")	11.7 (25.7)						9.7 (21.3)					
28 (91'10")	10.9 (24)						8.9 (19.6)					
30 (98'5")	10.2 (22.4)	12.3 (27.1)					8.4 (18.5)	10.1 (22.2)				
32 (104'12")	9.6 (21.1)	11.5 (25.3)					7.9 (17.4)	9.6 (21.1)				
34 (111'7")	8.9 (19.6)	10.7 (23.5)					7.2 (15.8)	8.7 (19.1)				
36 (118'1")	8.4 (18.5)	10.1 (22.2)					6.8 (14.9)	8.3 (18.2)				
38 (124'8")	7.8 (17.1)	9.4 (20.7)	10.8 (23.8)				6.2 (13.6)	7.8 (17.1)				
40 (131'3")	7.3 (16)	8.7 (19.1)	10.3 (22.7)				5.8 (12.7)	7.1 (15.6)	8.4 (18.5)			
42 (137'10")	6.8 (14.9)	8.3 (18.2)	9.7 (21.3)				5.3 (11.6)	6.7 (14.7)	8.0 (17.6)			
44 (144'4")	6.5 (14.3)	7.7 (16.9)	9.1 (20)				5.0 (11)	6.1 (13.4)	7.3 (16)			
46 (150'11")	6.1 (13.4)	7.3 (16)	8.6 (18.9)				4.7 (10.3)	5.8 (12.7)	6.9 (15.2)			
48 (157'6")	5.7 (12.5)	6.7 (14.7)	8.2 (18)	7.9 (17.4)			4.2 (9.2)	5.2 (11.4)	6.6 (14.5)			
50 (164'0")	5.4 (11.9)	6.4 (14.1)	7.5 (16.5)	6.9 (15.2)			3.9 (8.5)	4.9 (10.8)	6.0 (13.2)	6.2 (13.6)		
52 (170'7")	4.4 (9.7)	5.9 (13)	7.1 (15.6)	6.6 (14.5)			3.4 (7.4)	4.3 (9.4)	5.7 (12.5)	5.9 (13)		
54 (177'2")	4.3 (9.4)	5.6 (12.3)	6.6 (14.5)	6.1 (13.4)			2.1 (4.6)	4.1 (9)	5.1 (11.2)	5.3 (11.6)		
56 (183'9")		5.3 (11.6)	6.3 (13.8)	5.8 (12.7)	4.9 (10.8)			3.8 (8.3)	4.8 (10.5)	5.0 (11)		
58 (190'3")		4.3 (9.4)	5.8 (12.7)	5.3 (11.6)	4.5 (9.9)			3.4 (7.4)	4.2 (9.2)	4.5 (9.9)	4.6 (10.1)	
60 (196'10")		4.1 (9)	5.5 (12.1)	5.1 (11.2)	4.2 (9.2)				4.0 (8.8)	4.2 (9.2)	4.2 (9.2)	
62 (203'5")			4.4 (9.7)	4.8 (10.5)	4.0 (8.8)				3.5 (7.7)	4.0 (8.8)	4.0 (8.8)	
64 (209'12")			4.3 (9.4)	4.4 (9.7)	3.6 (7.9)					3.5 (7.7)	3.6 (7.9)	
66 (216'6")				4.1 (9)	3.3 (7.2)					3.3 (7.2)	3.3 (7.2)	
68 (223'1")				3.6 (7.9)	3.0 (6.6)						2.9 (6.3)	
70 (229'8")					2.8 (6.1)						2.7 (5.9)	
72 (236'3")												
74 (242'9")												

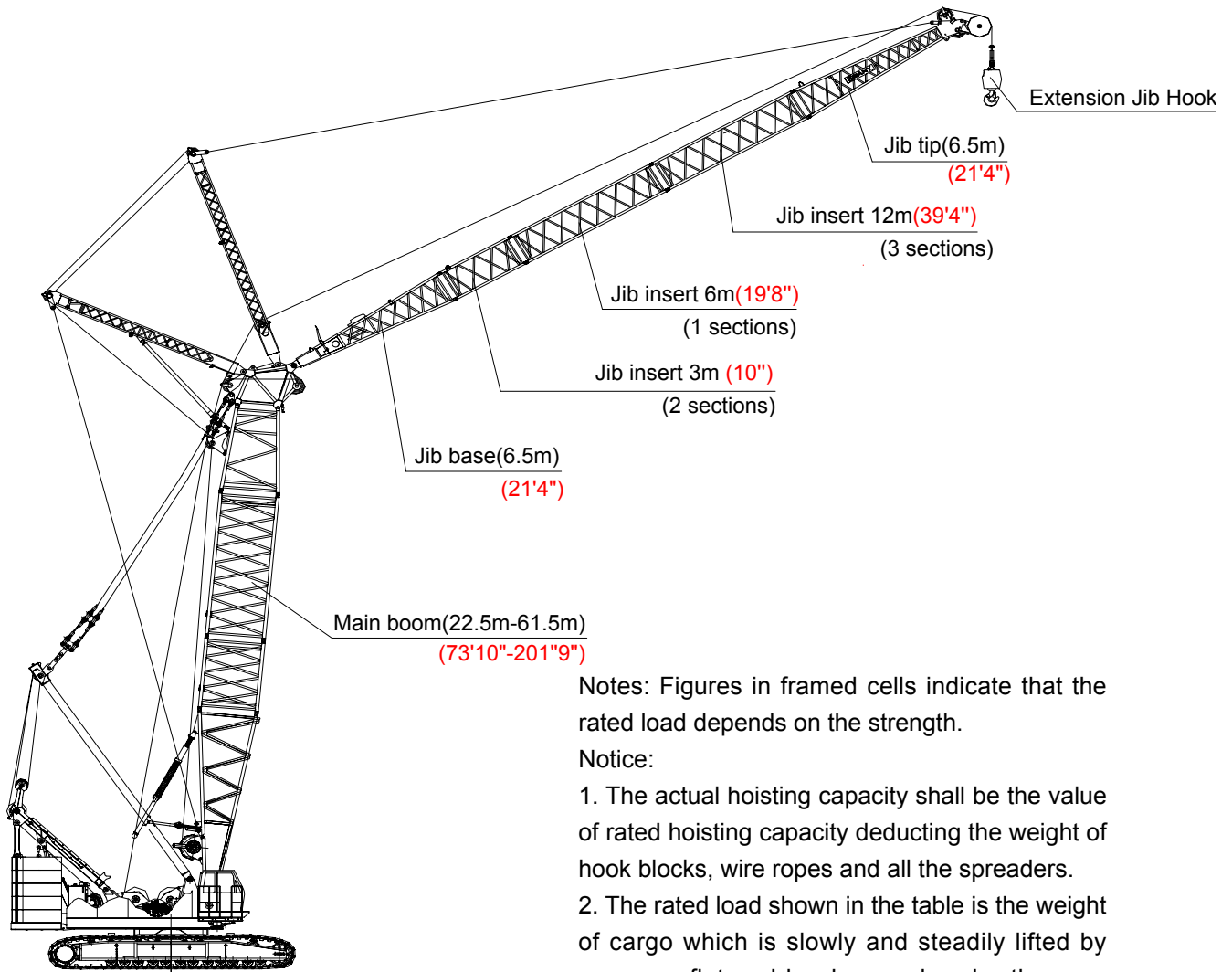
Load Charts of luffing jib Hook for LJ Operating condition												
Not including boom hook. Counterweight (85.2+5.8)×1000kg((187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom(m) (ft)	61.5 (201'9")											
Length of luffing jib(m) (ft)	61 (200'2")											
Boom angle(°)	88	83	78	73	68	63						
Radius(m) (ft)												
14 (45'11")												
16 (52'6")												
18 (59'1")												
20 (65'7")	9.3 (20.5)											
22 (72'2")	8.9 (19.6)											
24 (78'9")	8.0 (17.6)											
26 (85'4")	7.7 (16.9)											
28 (91'10")	6.9 (15.2)											
30 (98'5")	6.6 (14.5)	7.9 (17.4)										
32 (104'12")	6.3 (13.8)	7.6 (16.7)										
34 (111'7")	5.5 (12.1)	6.8 (14.9)										
36 (118'1")	5.3 (11.6)	6.5 (14.3)										
38 (124'8")	4.6 (10.1)	6.2 (13.6)										
40 (131'3")	4.3 (9.4)	5.4 (11.9)	6.6 (14.5)									
42 (137'10")	3.7 (8.1)	5.2 (11.4)	6.3 (13.8)									
44 (144'4")	3.5 (7.7)	4.5 (9.9)	5.6 (12.3)									
46 (150'11")	3.3 (7.2)	4.3 (9.4)	5.3 (11.6)									
48 (157'6")	2.7 (5.9)	3.6 (7.9)	5.1 (11.2)									
50 (164'0")	2.5 (5.5)	3.4 (7.4)	4.4 (9.7)	5.5 (12.1)								
52 (170'7")		2.8 (6.1)	4.2 (9.2)	5.2 (11.4)								
54 (177'2")		2.6 (5.7)	3.5 (7.7)	4.5 (9.9)								
56 (183'9")		2.4 (5.2)	3.3 (7.2)	4.3 (9.4)								
58 (190'3")			2.7 (5.9)	3.6 (7.9)								
60 (196'10")			2.5 (5.5)	3.4 (7.4)	4.3 (9.4)							
62 (203'5")				3.2 (7)	4.1 (9)							
64 (209'12")				2.6 (5.7)	3.5 (7.7)							
66 (216'6")				2.4 (5.2)	3.3 (7.2)							
68 (223'1")					2.7 (5.9)							
70 (229'8")					2.5 (5.5)							
72 (236'3")												
74 (242'9")												

Section 4-Load Charts

4.8 Load Charts of Extension Jib Hook for LJ Operating Condition

Combination of Luffing Jib

Jib Length(m)(ft)	Jib Insert (m)(ft)			Boom Length (m)(ft)	Boom Angle
	3(9'10")	6(19'8")	12(39'4")		
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°



LJ Operating Condition

Notes: Figures in framed cells indicate that the rated load depends on the strength.

Notice:

1. The actual hoisting capacity shall be the value of rated hoisting capacity deducting the weight of hook blocks, wire ropes and all the spreaders.
2. The rated load shown in the table is the weight of cargo which is slowly and steadily lifted by crane on flat and hard ground under the non-travel load condition.
3. The load rating is calculated not exceed 75percent of the load depending on stability or structure.

Notes: The grey filling part specified in the above table is determined by strength.
 Notice: 1. the actual hoisting capacity shall be the value of rated hoisting capacity deducting the weight of hook blocks, wire ropes and all the spreaders.
 2. The rated load shown in the table is the weight of cargo which is slowly and steadily lifted by crane on flat and hard ground under the non-travel load condition.
 3. The load rating is calculated not exceed 75percent of the load depending on stability or structure.

Load Charts of extension Jib for LJ Operating condition

(not including boom hook, counterweight (187.8+12.8)×1000lb) Unit:kg(lb)×1000

Length of main boom	(m)	22.5											
	(ft)	(73'10")											
Length of jib	(m)	22						25					
	(ft)	(72'2")						(82'0")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	22.5											
	(ft)	(73'10")											
Length of jib	(m)	28						31					
	(ft)	(91'10")						(101'8")					
Angle of main boom(°)													
Load radius (m) / (ft)		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)						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)	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)	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)	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)	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)
38 (124'8")						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)
42 (137'10")													
44 (144'4")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	22.5											
	(ft)	(73'10")											
Length of jib	(m)	34					37						
	(ft)	(111'7")					(121'5")						
Angle of main boom(°)													
Load radius (m) / (ft)		88	83	78	73	68	63	88	83	78	73	68	63
9.8 (32'2")													
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)	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)	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)	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)	13.4 (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)	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)	13.5 (29.7)
46 (150'11")												13.5 (29.7)	13.5 (29.7)
48 (157'6")													
50 (164'0")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	22.5											
	(ft)	(73'10")											
Length of jib	(m)	40					43						
	(ft)	(131'3")					(141'1")						
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
9.8 (32'2")													
10 (32'10")													
12 (39'4")													
14 (45'11")													
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)	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)	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)	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)	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)	13.5 (29.7)
40 (131'3")		12.1 (26.6)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.3 (29.3)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
42 (137'10")			13.0 (28.6)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	12.1 (26.6)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
44 (144'4")				13.0 (28.6)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	10.5 (23.1)	12.5 (27.5)	13.4 (29.5)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
46 (150'11")					13.5 (29.7)	13.5 (29.7)	13.4 (29.5)		11.2 (24.6)	12.3 (27.1)	13.5 (29.7)	13.5 (29.7)	13.3 (29.3)
48 (157'6")						12.9 (28.4)	12.6 (27.7)			11.5 (25.3)	12.6 (27.7)	12.9 (28.4)	12.5 (27.5)
50 (164'0")							12.0 (26.4)				11.7 (25.7)	12.2 (26.8)	11.9 (26.2)
52 (170'7")													11.3 (24.9)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	22.5											
	(ft)	(73'10")											
Length of jib	(m)	46					49						
	(ft)	(150'11")					(160'9")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
14 (45'11")													
16 (52'6")													
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)	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)	13.5 (29.7)			
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.3 (29.3)	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)				12.6 (27.7)	13.2 (29.1)	13.5 (29.7)			
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.7 (25.7)	12.5 (27.5)	13.3 (29.3)	13.5 (29.7)		
38 (124'8")	12.7 (27.9)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.0 (24.2)	11.8 (26)	12.6 (27.7)	13.2 (29.1)		
40 (131'3")	11.8 (26)	12.9 (28.4)	13.5 (29.7)	13.5 (29.7)				10.3 (22.7)	11.1 (24.4)	11.7 (25.7)	12.5 (27.5)		
42 (137'10")	10.8 (23.8)	12.0 (26.4)	12.7 (27.9)	13.5 (29.7)	13.5 (29.7)			9.6 (21.1)	10.4 (22.9)	11.0 (24.2)	11.8 (26)	12.0 (26.4)	
44 (144'4")	9.6 (21.1)	11.2 (24.6)	11.8 (26)	12.9 (28.4)	12.9 (28.4)			8.7 (19.1)	9.8 (21.6)	10.3 (22.7)	11.1 (24.4)	11.3 (24.9)	
46 (150'11")		10.1 (22.2)	11.0 (24.2)	12.0 (26.4)	12.1 (26.6)				9.0 (19.8)	9.7 (21.3)	10.4 (22.9)	10.7 (23.5)	
48 (157'6")			10.3 (22.7)	11.2 (24.6)	11.5 (25.3)	11.4 (25.1)				9.1 (20)	9.8 (21.6)	10.1 (22.2)	10.3 (22.7)
50 (164'0")			9.5 (20.9)	10.5 (23.1)	10.9 (24)	10.9 (24)				8.5 (18.7)	9.2 (20.2)	9.7 (21.3)	9.8 (21.6)
52 (170'7")				9.4 (20.7)	10.2 (22.4)	10.3 (22.7)					8.5 (18.7)	9.3 (20.5)	9.4 (20.7)
54 (177'2")					9.4 (20.7)	9.6 (21.1)						8.4 (18.5)	9.0 (19.8)
56 (183'9")						9.2 (20.2)							8.3 (18.2)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	22.5											
	(ft)	(73'10")											
Length of jib	(m)	52					55						
	(ft)	(170'7")					(180'5")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)							13.4 (29.5)					
24 (78'9")	13.5 (29.7)	13.5 (29.7)						12.4 (27.3)					
26 (85'4")	13.4 (29.5)	13.5 (29.7)						11.6 (25.5)					
28 (91'10")	12.5 (27.5)	13.4 (29.5)						10.8 (23.8)	11.6 (25.5)				
30 (98'5")	11.7 (25.7)	12.5 (27.5)	13.4 (29.5)					10.1 (22.2)	10.8 (23.8)				
32 (104'12")	11.0 (24.2)	11.7 (25.7)	12.4 (27.3)					9.5 (20.9)	10.1 (22.2)				
34 (111'7")	10.4 (22.9)	11.0 (24.2)	11.7 (25.7)					8.8 (19.4)	9.5 (20.9)	10.1 (22.2)			
36 (118'1")	9.8 (21.6)	10.4 (22.9)	11.0 (24.2)	11.7 (25.7)				8.2 (18)	8.8 (19.4)	9.5 (20.9)			
38 (124'8")	9.3 (20.5)	9.8 (21.6)	10.4 (22.9)	11.0 (24.2)				7.6 (16.7)	8.2 (18)	8.8 (19.4)			
40 (131'3")	8.8 (19.4)	9.3 (20.5)	9.8 (21.6)	10.4 (22.9)				7.1 (15.6)	7.6 (16.7)	8.2 (18)			
42 (137'10")	8.3 (18.2)	8.8 (19.4)	9.3 (20.5)	9.8 (21.6)	10.3 (22.7)			6.6 (14.5)	7.1 (15.6)	7.6 (16.7)	8.2 (18)		
44 (144'4")	7.9 (17.4)	8.4 (18.5)	8.8 (19.4)	9.3 (20.5)	9.8 (21.6)			6.2 (13.6)	6.7 (14.7)	7.1 (15.6)	7.6 (16.7)		
46 (150'11")	7.2 (15.8)	8.0 (17.6)	8.4 (18.5)	8.8 (19.4)	9.3 (20.5)			5.6 (12.3)	6.2 (13.6)	6.7 (14.7)	7.1 (15.6)	6.2 (13.6)	
48 (157'6")	7.1 (15.6)	7.5 (16.5)	8.0 (17.6)	8.4 (18.5)	8.8 (19.4)	9.2 (20.2)		5.4 (11.9)	5.8 (12.7)	6.2 (13.6)	6.6 (14.5)	5.8 (12.7)	
50 (164'0")	6.8 (14.9)	7.1 (15.6)	7.5 (16.5)	8.0 (17.6)	8.4 (18.5)	8.8 (19.4)		5.0 (11)	5.4 (11.9)	5.8 (12.7)	6.2 (13.6)	5.6 (12.3)	
52 (170'7")	6.5 (14.3)	6.8 (14.9)	7.2 (15.8)	7.5 (16.5)	8.0 (17.6)	8.4 (18.5)			5.0 (11)	5.4 (11.9)	5.8 (12.7)	5.3 (11.6)	
54 (177'2")		6.6 (14.5)	6.9 (15.2)	7.2 (15.8)	7.5 (16.5)	8.0 (17.6)				5.0 (11)	5.4 (11.9)	5.0 (11)	
56 (183'9")			6.6 (14.5)	6.9 (15.2)	7.2 (15.8)	7.5 (16.5)					5.1 (11.2)	4.8 (10.5)	
58 (190'3")				6.6 (14.5)	6.9 (15.2)	7.2 (15.8)					4.1 (9)	4.6 (10.1)	
60 (196'10")					6.6 (14.5)	6.9 (15.2)						4.2 (9.2)	
62 (203'5")						6.7 (14.7)							
64 (209'12")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	22.5											
	(ft)	(73'10")											
Length of jib	(m)	58					61						
	(ft)	(190'3")					(200'2")						
Angle of main boom(°)													
Load radius (m) / (ft)		88	83	78	73	68	63	88	83	78	73	68	63
18 (59'1")													
20 (65'7")	12.2 (26.8)							10.0 (22)					
22 (72'2")	11.3 (24.9)							9.3 (20.5)					
24 (78'9")	10.5 (23.1)							8.6 (18.9)					
26 (85'4")	9.8 (21.6)							8.0 (17.6)					
28 (91'10")	9.1 (20)	9.8 (21.6)						7.3 (16)	8.0 (17.6)				
30 (98'5")	8.5 (18.7)	9.1 (20)						6.8 (14.9)	7.3 (16)				
32 (104'12")	7.9 (17.4)	8.5 (18.7)						6.3 (13.8)	6.8 (14.9)				
34 (111'7")	7.2 (15.8)	7.9 (17.4)	8.5 (18.7)					5.6 (12.3)	6.3 (13.8)	6.8 (14.9)			
36 (118'1")	6.5 (14.3)	7.2 (15.8)	7.9 (17.4)					4.9 (10.8)	5.6 (12.3)	6.3 (13.8)			
38 (124'8")	6.0 (13.2)	6.5 (14.3)	7.2 (15.8)					4.3 (9.4)	4.9 (10.8)	5.6 (12.3)			
40 (131'3")	5.4 (11.9)	6.0 (13.2)	6.5 (14.3)					3.8 (8.3)	4.3 (9.4)	4.9 (10.8)			
42 (137'10")	4.9 (10.8)	5.4 (11.9)	6.0 (13.2)	6.5 (14.3)				3.3 (7.2)	3.8 (8.3)	4.3 (9.4)	4.9 (10.8)		
44 (144'4")	4.5 (9.9)	5.0 (11)	5.4 (11.9)	6.0 (13.2)				2.8 (6.1)	3.3 (7.2)	3.8 (8.3)	4.3 (9.4)		
46 (150'11")	4.0 (8.8)	4.5 (9.9)	5.0 (11)	5.4 (11.9)				2.3 (5)	2.8 (6.1)	3.3 (7.2)	3.7 (8.1)		
48 (157'6")	3.6 (7.9)	4.1 (9)	4.5 (9.9)	4.9 (10.8)				1.8 (3.9)	2.3 (5)	2.8 (6.1)	3.2 (7)		
50 (164'0")	3.1 (6.8)	3.6 (7.9)	4.1 (9)	4.5 (9.9)					1.8 (3.9)	2.3 (5)	2.8 (6.1)		
52 (170'7")		3.1 (6.8)	3.6 (7.9)	4.0 (8.8)						1.8 (3.9)	2.2 (4.8)		
54 (177'2")			3.2 (7)	3.6 (7.9)							1.8 (3.9)		
56 (183'9")				3.2 (7)									
58 (190'3")				2.9 (6.3)									
60 (196'10")													
62 (203'5")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	25.5											
	(ft)	(83'8")											
Length of jib	(m)	22					25						
	(ft)	(72'2")					(82'0")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	25.5											
	(ft)	(83'8")											
Length of jib	(m)	28					31						
	(ft)	(91'10")					(101'8")						
Angle of main boom(°)													
Load radius (m) / (ft)		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)					
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)	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)	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)
40 (131'3")						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)
44 (144'4")													
46 (150'11")													
48 (157'6")													
50 (164'0")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	25.5											
	(ft)	(83'8")											
Length of jib	(m)	34						37					
	(ft)	(111'7")						(121'5")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)	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)	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)	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)	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)	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)	13.1 (28.8)
48 (157'6")													12.4 (27.3)
50 (164'0")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	25.5											
	(ft)	(83'8")											
Length of jib	(m)	40					43						
	(ft)	(131'3")					(141'1")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
10 (32'10")													
12 (39'4")													
14 (45'11")													
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)	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)	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)	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)	13.5 (29.7)	
40 (131'3")			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		13.3 (29.3)	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)	12.3 (27.1)	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)	10.7 (23.5)	12.8 (28.2)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
46 (150'11")					13.5 (29.7)	13.4 (29.5)	13.0 (28.6)		11.7 (25.7)	12.6 (27.7)	13.5 (29.7)	13.3 (29.3)	12.9 (28.4)
48 (157'6")						12.6 (27.7)	12.3 (27.1)			11.7 (25.7)	13.1 (28.8)	12.5 (27.5)	12.2 (26.8)
50 (164'0")							11.6 (25.5)				12.1 (26.6)	11.9 (26.2)	11.5 (25.3)
52 (170'7")												11.3 (24.9)	10.9 (24)
54 (177'2")													10.4 (22.9)
56 (183'9")													
58 (190'3")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	25.5											
	(ft)	(83'8")											
Length of jib	(m)	46						49					
	(ft)	(150'11")						(160'9")					
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
10 (32'10")													
12 (39'4")													
14 (45'11")													
16 (52'6")													
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)					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)				
32 (104'12")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.3 (29.3)	13.5 (29.7)	13.5 (29.7)			
34 (111'7")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				12.6 (27.7)	13.3 (29.3)	13.5 (29.7)			
36 (118'1")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.7 (25.7)	12.6 (27.7)	13.5 (29.7)			
38 (124'8")		12.7 (27.9)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			11.0 (24.2)	11.9 (26.2)	12.9 (28.4)	13.5 (29.7)		
40 (131'3")		11.8 (26)	13.1 (28.8)	13.5 (29.7)	13.5 (29.7)			10.3 (22.7)	11.2 (24.6)	12.0 (26.4)	12.6 (27.7)		
42 (137'10")		11.0 (24.2)	12.1 (26.6)	13.0 (28.6)	13.5 (29.7)			9.6 (21.1)	10.5 (23.1)	11.2 (24.6)	11.9 (26.2)		
44 (144'4")		9.8 (21.6)	11.3 (24.9)	12.1 (26.6)	13.0 (28.6)	12.8 (28.2)		8.8 (19.4)	9.8 (21.6)	10.5 (23.1)	11.2 (24.6)	11.4 (25.1)	
46 (150'11")			10.5 (23.1)	11.3 (24.9)	12.2 (26.8)	12.0 (26.4)		7.8 (17.1)	9.2 (20.2)	9.9 (21.8)	10.6 (23.3)	10.7 (23.5)	
48 (157'6")			9.9 (21.8)	10.5 (23.1)	11.6 (25.5)	11.4 (25.1)	11.4 (25.1)		8.6 (18.9)	9.3 (20.5)	10.1 (22.2)	10.2 (22.4)	10.5 (23.1)
50 (164'0")				9.9 (21.8)	10.8 (23.8)	10.8 (23.8)	10.7 (23.5)			8.9 (19.6)	9.5 (20.9)	9.7 (21.3)	9.9 (21.8)
52 (170'7")					9.9 (21.8)	10.3 (22.7)	10.1 (22.2)				8.6 (18.9)	9.2 (20.2)	9.4 (20.7)
54 (177'2")						9.2 (20.2)	9.7 (21.3)					8.5 (18.7)	8.9 (19.6)
56 (183'9")							9.2 (20.2)						8.4 (18.5)
58 (190'3")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	25.5											
	(ft)	(83'8")											
Length of jib	(m)	52					55						
	(ft)	(170'7")					(180'5")						
Angle of main boom(°)	Load radius (m) / (ft)	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)							13.4 (29.5)					
24 (78'9")	13.5 (29.7)							12.4 (27.3)					
26 (85'4")	13.4 (29.5)	13.5 (29.7)						11.6 (25.5)					
28 (91'10")	12.5 (27.5)	13.5 (29.7)						10.8 (23.8)	11.6 (25.5)				
30 (98'5")	11.7 (25.7)	12.6 (27.7)						10.1 (22.2)	10.9 (24)				
32 (104'12")	11.0 (24.2)	11.8 (26)	12.8 (28.2)					9.5 (20.9)	10.2 (22.4)				
34 (111'7")	10.4 (22.9)	11.1 (24.4)	11.9 (26.2)					8.8 (19.4)	9.6 (21.1)				
36 (118'1")	9.8 (21.6)	10.5 (23.1)	11.2 (24.6)					8.2 (18)	8.9 (19.6)	9.7 (21.3)			
38 (124'8")	9.3 (20.5)	9.9 (21.8)	10.6 (23.3)	11.3 (24.9)				7.6 (16.7)	8.3 (18.2)	9.0 (19.8)			
40 (131'3")	8.8 (19.4)	9.4 (20.7)	10.0 (22)	10.6 (23.3)				7.1 (15.6)	7.7 (16.9)	8.4 (18.5)			
42 (137'10")	8.3 (18.2)	8.9 (19.6)	9.4 (20.7)	10.0 (22)				6.6 (14.5)	7.2 (15.8)	7.8 (17.1)	8.4 (18.5)		
44 (144'4")	7.9 (17.4)	8.4 (18.5)	9.0 (19.8)	9.5 (20.9)	10.1 (22.2)			6.2 (13.6)	6.7 (14.7)	7.3 (16)	7.8 (17.1)		
46 (150'11")	7.5 (16.5)	8.0 (17.6)	8.5 (18.7)	9.0 (19.8)	9.5 (20.9)			5.8 (12.7)	6.3 (13.8)	6.8 (14.9)	7.3 (16)	6.3 (13.8)	
48 (157'6")	7.1 (15.6)	7.5 (16.5)	8.1 (17.8)	8.6 (18.9)	9.1 (20)	9.6 (21.1)		5.4 (11.9)	5.8 (12.7)	6.3 (13.8)	6.8 (14.9)	6.1 (13.4)	
50 (164'0")	6.8 (14.9)	7.2 (15.8)	7.7 (16.9)	8.2 (18)	8.6 (18.9)	9.1 (20)		5.0 (11)	5.5 (12.1)	5.9 (13)	6.4 (14.1)	5.7 (12.5)	
52 (170'7")	6.5 (14.3)	6.9 (15.2)	7.3 (16)	7.8 (17.1)	8.2 (18)	8.6 (18.9)			5.1 (11.2)	5.6 (12.3)	6.0 (13.2)	5.4 (11.9)	
54 (177'2")		6.6 (14.5)	6.9 (15.2)	7.3 (16)	7.8 (17.1)	8.2 (18)				5.2 (11.4)	5.6 (12.3)	5.2 (11.4)	
56 (183'9")			6.7 (14.7)	7.0 (15.4)	7.4 (16.3)	7.8 (17.1)					5.2 (11.4)	5.0 (11)	
58 (190'3")				6.7 (14.7)	7.1 (15.6)	7.4 (16.3)						4.8 (10.5)	
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")											
Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb) Unit:kg(lb)×1000													
Length of main boom	(m)	25.5											
	(ft)	(83'8")											
Length of jib	(m)	58						61					
	(ft)	(190'3")						(200'2")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
16 (52'6")													
18 (59'1")													
20 (65'7")	12.2 (26.8)							10.0 (22)					
22 (72'2")	11.4 (25.1)							9.3 (20.5)					
24 (78'9")	10.5 (23.1)							8.6 (18.9)					
26 (85'4")	9.8 (21.6)							8.0 (17.6)					
28 (91'10")	9.1 (20)	9.8 (21.6)						7.3 (16)	8.0 (17.6)				
30 (98'5")	8.5 (18.7)	9.2 (20.2)						6.8 (14.9)	7.4 (16.3)				
32 (104'12")	7.9 (17.4)	8.6 (18.9)						6.3 (13.8)	6.9 (15.2)				
34 (111'7")	7.2 (15.8)	8.0 (17.6)						5.6 (12.3)	6.4 (14.1)				
36 (118'1")	6.5 (14.3)	7.3 (16)	8.1 (17.8)					4.9 (10.8)	5.7 (12.5)	6.5 (14.3)			
38 (124'8")	6.0 (13.2)	6.6 (14.5)	7.4 (16.3)					4.3 (9.4)	5.0 (11)	5.8 (12.7)			
40 (131'3")	5.4 (11.9)	6.1 (13.4)	6.7 (14.7)					3.8 (8.3)	4.4 (9.7)	5.1 (11.2)			
42 (137'10")	4.9 (10.8)	5.5 (12.1)	6.1 (13.4)	6.7 (14.7)				3.3 (7.2)	3.9 (8.5)	4.5 (9.9)	5.1 (11.2)		
44 (144'4")	4.5 (9.9)	5.0 (11)	5.6 (12.3)	6.2 (13.6)				2.8 (6.1)	3.3 (7.2)	3.9 (8.5)	4.5 (9.9)		
46 (150'11")	4.1 (9)	4.6 (10.1)	5.1 (11.2)	5.6 (12.3)				2.3 (5)	2.9 (6.3)	3.4 (7.4)	4.0 (8.8)		
48 (157'6")	3.6 (7.9)	4.1 (9)	4.6 (10.1)	5.1 (11.2)				1.8 (3.9)	2.3 (5)	2.9 (6.3)	3.4 (7.4)		
50 (164'0")	3.1 (6.8)	3.7 (8.1)	4.2 (9.2)	4.7 (10.3)					1.9 (4.1)	2.4 (5.2)	3.0 (6.6)		
52 (170'7")		3.2 (7)	3.8 (8.3)	4.2 (9.2)						2.0 (4.4)	2.4 (5.2)		
54 (177'2")			3.4 (7.4)	3.8 (8.3)							2.0 (4.4)		
56 (183'9")				3.3 (7.2)									
58 (190'3")													
60 (196'10")													
62 (203'5")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	28.5											
	(ft)	(93'6")											
Length of jib	(m)	22						25					
	(ft)	(72'2")						(82'0")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)	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)	
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")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	28.5											
	(ft)	(93'6")											
Length of jib	(m)	28					31						
	(ft)	(91'10")					(101'8")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)					
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)	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)
40 (131'3")						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)	
44 (144'4")												13.5 (29.7)	
46 (150'11")													
48 (157'6")													
50 (164'0")													
52 (170'7")													
54 (177'2")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	28.5											
	(ft)	(93'6")											
Length of jib	(m)	34					37						
	(ft)	(111'7")					(121'5")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)	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)	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)	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)	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)
44 (144'4")						13.5 (29.7)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
46 (150'11")							12.8 (28.2)				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)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	28.5											
	(ft)	(93'6")											
Length of jib	(m)	40					43						
	(ft)	(131'3")					(141'1")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
10 (32'10")													
12 (39'4")													
14 (45'11")													
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)	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)	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)	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")	12.6 (27.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.4 (29.5)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
42 (137'10")		13.4 (29.5)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			12.3 (27.1)	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)	13.3 (29.3)		10.8 (23.8)	12.6 (27.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.2 (29.1)
46 (150'11")				13.5 (29.7)	13.1 (28.8)	12.5 (27.5)			11.7 (25.7)	13.0 (28.6)	13.5 (29.7)	13.0 (28.6)	12.3 (27.1)
48 (157'6")					12.8 (28.2)	12.4 (27.3)	11.9 (26.2)			11.9 (26.2)	12.8 (28.2)	12.2 (26.8)	11.7 (25.7)
50 (164'0")						11.7 (25.7)	11.2 (24.6)				12.1 (26.6)	11.6 (25.5)	11.0 (24.2)
52 (170'7")							10.5 (23.1)				11.3 (24.9)	11.0 (24.2)	10.5 (23.1)
54 (177'2")												10.5 (23.1)	10.0 (22)
56 (183'9")													9.5 (20.9)
58 (190'3")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	28.5											
	(ft)	(93'6")											
Length of jib	(m)	46					49						
	(ft)	(150'11")					(160'9")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
12 (39'4")													
14 (45'11")													
16 (52'6")													
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)						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)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)					13.3 (29.3)	13.5 (29.7)	13.5 (29.7)			
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)					12.6 (27.7)	13.5 (29.7)	13.5 (29.7)			
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)					11.7 (25.7)	12.9 (28.4)	13.5 (29.7)			
38 (124'8")	12.7 (27.9)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.0 (24.2)	12.0 (26.4)	13.0 (28.6)	13.5 (29.7)		
40 (131'3")	11.8 (26)	13.0 (28.6)	13.5 (29.7)	13.5 (29.7)				10.3 (22.7)	11.2 (24.6)	12.2 (26.8)	12.7 (27.9)		
42 (137'10")	11.0 (24.2)	12.1 (26.6)	13.3 (29.3)	13.5 (29.7)				9.7 (21.3)	10.5 (23.1)	11.4 (25.1)	11.9 (26.2)		
44 (144'4")	9.8 (21.6)	11.3 (24.9)	12.3 (27.1)	12.8 (28.2)	12.6 (27.7)			8.8 (19.4)	9.9 (21.8)	10.7 (23.5)	11.2 (24.6)	11.5 (25.3)	
46 (150'11")	8.6 (18.9)	10.5 (23.1)	11.5 (25.3)	12.1 (26.6)	11.9 (26.2)			8.0 (17.6)	9.3 (20.5)	10.0 (22)	10.6 (23.3)	10.8 (23.8)	
48 (157'6")		9.3 (20.5)	10.7 (23.5)	11.4 (25.1)	11.3 (24.9)				8.6 (18.9)	9.4 (20.7)	10.0 (22)	10.3 (22.7)	
50 (164'0")			9.8 (21.6)	10.8 (23.8)	10.7 (23.5)	10.5 (23.1)				8.7 (19.1)	9.6 (21.1)	9.7 (21.3)	9.9 (21.8)
52 (170'7")				10.2 (22.4)	10.1 (22.2)	10.0 (22)					9.0 (19.8)	9.2 (20.2)	9.4 (20.7)
54 (177'2")					9.7 (21.3)	9.5 (20.9)						8.8 (19.4)	9.0 (19.8)
56 (183'9")						9.0 (19.8)							8.5 (18.7)
58 (190'3")													8.0 (17.6)
60 (196'10")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	28.5											
	(ft)	(93'6")											
Length of jib	(m)	52						55					
	(ft)	(170'7")						(180'5")					
Angle of main boom(°)	Load radius (m) / (ft)	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)												
22 (72'2")	13.5 (29.7)							13.4 (29.5)					
24 (78'9")	13.5 (29.7)							12.4 (27.3)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)						11.6 (25.5)					
28 (91'10")	12.5 (27.5)	13.5 (29.7)						10.8 (23.8)	11.8 (26)				
30 (98'5")	11.7 (25.7)	12.8 (28.2)						10.1 (22.2)	11.0 (24.2)				
32 (104'12")	11.0 (24.2)	11.9 (26.2)	13.0 (28.6)					9.5 (20.9)	10.3 (22.7)				
34 (111'7")	10.4 (22.9)	11.2 (24.6)	12.1 (26.6)					8.8 (19.4)	9.7 (21.3)				
36 (118'1")	9.8 (21.6)	10.6 (23.3)	11.4 (25.1)					8.2 (18)	9.0 (19.8)	9.8 (21.6)			
38 (124'8")	9.3 (20.5)	10.0 (22)	10.7 (23.5)	11.5 (25.3)				7.7 (16.9)	8.4 (18.5)	9.1 (20)			
40 (131'3")	8.8 (19.4)	9.4 (20.7)	10.1 (22.2)	10.9 (24)				7.1 (15.6)	7.8 (17.1)	8.5 (18.7)			
42 (137'10")	8.4 (18.5)	8.9 (19.6)	9.6 (21.1)	10.3 (22.7)				6.7 (14.7)	7.2 (15.8)	8.0 (17.6)	8.7 (19.1)		
44 (144'4")	7.9 (17.4)	8.5 (18.7)	9.1 (20)	9.7 (21.3)	10.4 (22.9)			6.2 (13.6)	6.8 (14.9)	7.4 (16.3)	8.1 (17.8)		
46 (150'11")	7.5 (16.5)	8.1 (17.8)	8.6 (18.9)	9.2 (20.2)	9.8 (21.6)			5.8 (12.7)	6.3 (13.8)	6.9 (15.2)	7.5 (16.5)	6.5 (14.3)	
48 (157'6")	7.1 (15.6)	7.7 (16.9)	8.2 (18)	8.7 (19.1)	9.3 (20.5)			5.4 (11.9)	5.9 (13)	6.5 (14.3)	7.0 (15.4)	6.2 (13.6)	
50 (164'0")	6.8 (14.9)	7.2 (15.8)	7.8 (17.1)	8.3 (18.2)	8.8 (19.4)	9.4 (20.7)		5.1 (11.2)	5.5 (12.1)	6.0 (13.2)	6.6 (14.5)	5.8 (12.7)	
52 (170'7")	6.5 (14.3)	6.9 (15.2)	7.4 (16.3)	7.9 (17.4)	8.4 (18.5)	8.9 (19.6)			5.2 (11.4)	5.7 (12.5)	6.1 (13.4)	5.6 (12.3)	
54 (177'2")		6.6 (14.5)	7.1 (15.6)	7.5 (16.5)	8.0 (17.6)	8.5 (18.7)				5.2 (11.4)	5.8 (12.7)	5.3 (11.6)	
56 (183'9")		6.4 (14.1)	6.7 (14.7)	7.1 (15.6)	7.7 (16.9)	8.1 (17.8)				4.9 (10.8)	5.4 (11.9)	5.1 (11.2)	
58 (190'3")			6.5 (14.3)	6.8 (14.9)	7.2 (15.8)	7.7 (16.9)					5.0 (11)	4.8 (10.5)	
60 (196'10")				6.6 (14.5)	6.9 (15.2)	7.3 (16)						4.6 (10.1)	
62 (203'5")					6.6 (14.5)	7.0 (15.4)							
64 (209'12")						6.7 (14.7)							

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	28.5											
	(ft)	(93'6")											
Length of jib	(m)	58					61						
	(ft)	(190'3")					(200'2")						
Angle of main boom(°)													
Load radius (m) / (ft)		88	83	78	73	68	63	88	83	78	73	68	63
14 (45'11")													
16 (52'6")													
18 (59'1")													
20 (65'7")													
22 (72'2")		11.4 (25.1)						9.3 (20.5)					
24 (78'9")		10.5 (23.1)						8.6 (18.9)					
26 (85'4")		9.8 (21.6)						8.0 (17.6)					
28 (91'10")		9.1 (20)	9.9 (21.8)					7.4 (16.3)	8.1 (17.8)				
30 (98'5")		8.5 (18.7)	9.3 (20.5)					6.9 (15.2)	7.5 (16.5)				
32 (104'12")		8.0 (17.6)	8.7 (19.1)					6.4 (14.1)	7.0 (15.4)				
34 (111'7")		7.2 (15.8)	8.1 (17.8)					5.6 (12.3)	6.5 (14.3)				
36 (118'1")		6.6 (14.5)	7.4 (16.3)	8.2 (18)				5.0 (11)	5.8 (12.7)	6.6 (14.5)			
38 (124'8")		6.0 (13.2)	6.7 (14.7)	7.6 (16.7)				4.4 (9.7)	5.1 (11.2)	6.0 (13.2)			
40 (131'3")		5.4 (11.9)	6.1 (13.4)	6.9 (15.2)				3.8 (8.3)	4.5 (9.9)	5.3 (11.6)			
42 (137'10")		5.0 (11)	5.6 (12.3)	6.3 (13.8)	7.0 (15.4)			3.3 (7.2)	4.0 (8.8)	4.7 (10.3)	5.4 (11.9)		
44 (144'4")		4.5 (9.9)	5.1 (11.2)	5.7 (12.5)	6.4 (14.1)			2.8 (6.1)	3.4 (7.4)	4.1 (9)	4.8 (10.5)		
46 (150'11")		4.1 (9)	4.6 (10.1)	5.2 (11.4)	5.8 (12.7)			2.3 (5)	2.9 (6.3)	3.6 (7.9)	4.2 (9.2)		
48 (157'6")		3.7 (8.1)	4.2 (9.2)	4.8 (10.5)	5.3 (11.6)			1.9 (4.1)	2.4 (5.2)	3.1 (6.8)	3.7 (8.1)		
50 (164'0")		3.3 (7.2)	3.8 (8.3)	4.3 (9.4)	4.9 (10.8)				2.0 (4.4)	2.6 (5.7)	3.2 (7)		
52 (170'7")			3.4 (7.4)	3.9 (8.5)	4.4 (9.7)					2.1 (4.6)	2.7 (5.9)		
54 (177'2")				3.4 (7.4)	4.0 (8.8)						2.2 (4.8)		
56 (183'9")					3.6 (7.9)						1.8 (3.9)		
58 (190'3")					3.2 (7)								
60 (196'10")													
62 (203'5")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	31.5											
	(ft)	(103'4")											
Length of jib	(m)	22						25					
	(ft)	(72'2")						(82'0")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)												Unit:kg(lb)×1000	
Length of main boom	(m)	31.5											
	(ft)	(103'4")											
Length of jib	(m)	28						31					
	(ft)	(91'10")						(101'8")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)	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)	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)	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)	
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)	13.5 (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)
44 (144'4")													13.2 (29.1)
46 (150'11")													12.4 (27.3)
48 (157'6")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)												Unit:kg(lb)×1000	
Length of main boom	(m)	31.5											
	(ft)	(103'4")											
Length of jib	(m)	34						37					
	(ft)	(111'7")						(121'5")					
Angle of main boom(°)	Load radius (m) / (ft)	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)	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)	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)	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)	
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)	13.1 (28.8)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.0 (28.6)
46 (150'11")						12.3 (27.1)					13.5 (29.7)	12.9 (28.4)	12.2 (26.8)
48 (157'6")						11.6 (25.5)						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")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	31.5											
	(ft)	(103'4")											
Length of jib	(m)	40					43						
	(ft)	(131'3")					(141'1")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
12 (39'4")													
14 (45'11")													
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)	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)	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)	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")	13.1 (28.8)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.4 (29.5)	13.5 (29.7)	13.5 (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)			12.3 (27.1)	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)			11.0 (24.2)	13.1 (28.8)	13.5 (29.7)	13.5 (29.7)	13.4 (29.5)	
46 (150'11")			13.2 (29.1)	13.4 (29.5)	12.7 (27.9)	12.1 (26.6)			12.1 (26.6)	13.2 (29.1)	13.3 (29.3)	12.5 (27.5)	11.9 (26.2)
48 (157'6")				12.6 (27.7)	12.0 (26.4)	11.4 (25.1)				12.2 (26.8)	12.5 (27.5)	11.8 (26)	11.2 (24.6)
50 (164'0")					11.3 (24.9)	10.8 (23.8)				11.3 (24.9)	11.8 (26)	11.2 (24.6)	10.6 (23.3)
52 (170'7")						10.3 (22.7)					11.3 (24.9)	10.6 (23.3)	10.1 (22.2)
54 (177'2")							9.8 (21.6)					10.1 (22.2)	9.6 (21.1)
56 (183'9")													9.1 (20)
58 (190'3")													
60 (196'10")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	31.5											
	(ft)	(103'4")											
Length of jib	(m)	46					49						
	(ft)	(150'11")					(160'9")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
12 (39'4")													
14 (45'11")													
16 (52'6")													
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)						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)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)					13.3 (29.3)	13.5 (29.7)	13.5 (29.7)			
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)					12.6 (27.7)	13.5 (29.7)	13.5 (29.7)			
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)					11.8 (26)	12.8 (28.2)	13.5 (29.7)			
38 (124'8")	12.8 (28.2)	13.5 (29.7)	13.5 (29.7)					11.0 (24.2)	12.1 (26.6)	13.2 (29.1)			
40 (131'3")	11.8 (26)	13.4 (29.5)	13.5 (29.7)	13.5 (29.7)				10.3 (22.7)	11.4 (25.1)	12.4 (27.3)	12.8 (28.2)		
42 (137'10")	11.0 (24.2)	12.4 (27.3)	13.5 (29.7)	13.5 (29.7)				9.7 (21.3)	10.7 (23.5)	11.6 (25.5)	12.0 (26.4)		
44 (144'4")	10.0 (22)	11.6 (25.5)	12.6 (27.7)	12.7 (27.9)				8.9 (19.6)	10.1 (22.2)	10.9 (24)	11.3 (24.9)		
46 (150'11")	9.0 (19.8)	10.8 (23.8)	11.7 (25.7)	12.0 (26.4)	11.7 (25.7)			8.0 (17.6)	9.4 (20.7)	10.2 (22.4)	10.7 (23.5)	10.9 (24)	
48 (157'6")		9.9 (21.8)	10.9 (24)	11.3 (24.9)	11.1 (24.4)				8.6 (18.9)	9.6 (21.1)	10.1 (22.2)	10.3 (22.7)	
50 (164'0")			10.2 (22.4)	10.7 (23.5)	10.5 (23.1)					9.0 (19.8)	9.5 (20.9)	9.8 (21.6)	
52 (170'7")				10.2 (22.4)	9.9 (21.8)	9.8 (21.6)					9.1 (20)	9.2 (20.2)	9.5 (20.9)
54 (177'2")					9.5 (20.9)	9.3 (20.5)						8.8 (19.4)	9.0 (19.8)
56 (183'9")						8.8 (19.4)							8.5 (18.7)
58 (190'3")						8.5 (18.7)							8.1 (17.8)
60 (196'10")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	31.5											
	(ft)	(103'4")											
Length of jib	(m)	52						55					
	(ft)	(170'7")						(180'5")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
18 (59'1")	13.5 (29.7)												
20 (65'7")	13.5 (29.7)												
22 (72'2")	13.5 (29.7)							13.5 (29.7)					
24 (78'9")	13.5 (29.7)							12.5 (27.5)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)						11.6 (25.5)					
28 (91'10")	12.5 (27.5)	13.5 (29.7)						10.8 (23.8)	12.0 (26.4)				
30 (98'5")	11.7 (25.7)	13.0 (28.6)						10.1 (22.2)	11.2 (24.6)				
32 (104'12")	11.0 (24.2)	12.1 (26.6)	13.3 (29.3)					9.5 (20.9)	10.5 (23.1)				
34 (111'7")	10.4 (22.9)	11.3 (24.9)	12.3 (27.1)					8.8 (19.4)	9.8 (21.6)				
36 (118'1")	9.8 (21.6)	10.7 (23.5)	11.6 (25.5)					8.2 (18)	9.1 (20)	10.0 (22)			
38 (124'8")	9.3 (20.5)	10.1 (22.2)	10.9 (24)					7.7 (16.9)	8.5 (18.7)	9.4 (20.7)			
40 (131'3")	8.8 (19.4)	9.5 (20.9)	10.3 (22.7)	11.1 (24.4)				7.1 (15.6)	7.9 (17.4)	8.7 (19.1)			
42 (137'10")	8.4 (18.5)	9.0 (19.8)	9.7 (21.3)	10.5 (23.1)				6.7 (14.7)	7.3 (16)	8.1 (17.8)			
44 (144'4")	7.9 (17.4)	8.6 (18.9)	9.2 (20.2)	9.9 (21.8)				6.2 (13.6)	6.9 (15.2)	7.5 (16.5)	8.3 (18.2)		
46 (150'11")	7.5 (16.5)	8.1 (17.8)	8.7 (19.1)	9.4 (20.7)	10.1 (22.2)			5.8 (12.7)	6.4 (14.1)	7.0 (15.4)	7.7 (16.9)		
48 (157'6")	7.1 (15.6)	7.7 (16.9)	8.3 (18.2)	8.9 (19.6)	9.6 (21.1)			5.4 (11.9)	6.0 (13.2)	6.6 (14.5)	7.2 (15.8)	6.4 (14.1)	
50 (164'0")	6.8 (14.9)	7.3 (16)	7.9 (17.4)	8.4 (18.5)	9.1 (20)			4.6 (10.1)	5.6 (12.3)	6.1 (13.4)	6.7 (14.7)	6.1 (13.4)	
52 (170'7")	6.5 (14.3)	6.9 (15.2)	7.4 (16.3)	8.1 (17.8)	8.6 (18.9)	9.2 (20.2)			4.6 (10.1)	5.7 (12.5)	6.3 (13.8)	5.7 (12.5)	
54 (177'2")		6.6 (14.5)	7.1 (15.6)	7.7 (16.9)	8.2 (18)	8.8 (19.4)				5.4 (11.9)	5.9 (13)	5.4 (11.9)	
56 (183'9")		6.4 (14.1)	6.8 (14.9)	7.3 (16)	7.8 (17.1)	8.3 (18.2)				4.6 (10.1)	5.5 (12.1)	5.2 (11.4)	
58 (190'3")			6.5 (14.3)	6.9 (15.2)	7.4 (16.3)	8.0 (17.6)					4.6 (10.1)	5.0 (11)	
60 (196'10")				6.7 (14.7)	7.2 (15.8)	7.5 (16.5)					4.5 (9.9)	4.8 (10.5)	
62 (203'5")					6.8 (14.9)	7.2 (15.8)						4.6 (10.1)	
64 (209'12")					6.5 (14.3)	6.9 (15.2)							
66 (216'6")						6.6 (14.5)							

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	31.5											
	(ft)	(103'4")											
Length of jib	(m)	58					61						
	(ft)	(190'3")					(200'2")						
Angle of main boom(°)													
Load radius (m) / (ft)		88	83	78	73	68	63	88	83	78	73	68	63
14 (45'11")													
16 (52'6")													
18 (59'1")													
20 (65'7")													
22 (72'2")		11.4 (25.1)						9.3 (20.5)					
24 (78'9")		10.6 (23.3)						8.7 (19.1)					
26 (85'4")		9.8 (21.6)						8.0 (17.6)					
28 (91'10")		9.1 (20)	10.1 (22.2)					7.4 (16.3)	8.3 (18.2)				
30 (98'5")		8.5 (18.7)	9.4 (20.7)					6.9 (15.2)	7.7 (16.9)				
32 (104'12")		8.0 (17.6)	8.8 (19.4)					6.4 (14.1)	7.1 (15.6)				
34 (111'7")		7.3 (16)	8.2 (18)					5.7 (12.5)	6.6 (14.5)				
36 (118'1")		6.6 (14.5)	7.5 (16.5)	8.4 (18.5)				5.0 (11)	5.9 (13)	6.7 (14.7)			
38 (124'8")		6.0 (13.2)	6.8 (14.9)	7.8 (17.1)				4.4 (9.7)	5.2 (11.4)	6.2 (13.6)			
40 (131'3")		5.4 (11.9)	6.2 (13.6)	7.1 (15.6)				3.8 (8.3)	4.6 (10.1)	5.5 (12.1)			
42 (137'10")		5.0 (11)	5.6 (12.3)	6.4 (14.1)				3.3 (7.2)	4.0 (8.8)	4.8 (10.5)			
44 (144'4")		4.5 (9.9)	5.2 (11.4)	5.8 (12.7)	6.7 (14.7)			2.8 (6.1)	3.5 (7.7)	4.2 (9.2)	5.1 (11.2)		
46 (150'11")		4.1 (9)	4.7 (10.3)	5.3 (11.6)	6.1 (13.4)			2.3 (5)	3.0 (6.6)	3.7 (8.1)	4.4 (9.7)		
48 (157'6")		3.7 (8.1)	4.3 (9.4)	4.9 (10.8)	5.5 (12.1)			1.9 (4.1)	2.6 (5.7)	3.2 (7)	3.9 (8.5)		
50 (164'0")		3.3 (7.2)	3.8 (8.3)	4.4 (9.7)	5.0 (11)				2.0 (4.4)	2.7 (5.9)	3.4 (7.4)		
52 (170'7")			3.4 (7.4)	4.0 (8.8)	4.6 (10.1)					2.2 (4.8)	2.9 (6.3)		
54 (177'2")				3.6 (7.9)	4.1 (9)					1.8 (3.9)	2.3 (5)		
56 (183'9")				3.2 (7)	3.7 (8.1)						1.9 (4.1)		
58 (190'3")					3.3 (7.2)								
60 (196'10")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	34.5											
	(ft)	(113'2")											
Length of jib	(m)	22					25						
	(ft)	(72'2")					(82'0")						
Angle of main boom(°)													
Load radius (m) / (ft)		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)			
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)
38 (124'8")						13.5 (29.7)						13.5 (29.7)	13.5 (29.7)
40 (131'3")													13.5 (29.7)
42 (137'10")													
46 (150'11")													
48 (157'6")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	34.5											
	(ft)	(113'2")											
Length of jib	(m)	28						31					
	(ft)	(91'10")						(101'8")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)	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)	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)	
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)	13.5 (29.7)
42 (137'10")								13.5 (29.7)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)
46 (150'11")													12.0 (26.4)
48 (157'6")													
50 (164'0")													
52 (170'7")													
54 (177'2")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	34.5											
	(ft)	(113'2")											
Length of jib	(m)	34						37					
	(ft)	(111'7")						(121'5")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)	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)	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)	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)		
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)	
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)	13.4 (29.5)
46 (150'11")						11.9 (26.2)					13.3 (29.3)	12.5 (27.5)	11.8 (26)
48 (157'6")						11.3 (24.9)						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")													
56 (183'9")													
58 (190'3")													
60 (196'10")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	34.5											
	(ft)	(113'2")											
Length of jib	(m)	40						43					
	(ft)	(131'3")						(141'1")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
10 (32'10")													
12 (39'4")													
14 (45'11")													
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)	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)	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)	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")		13.2 (29.1)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			13.4 (29.5)	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)		12.3 (27.1)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
44 (144'4")			13.0 (28.6)	13.5 (29.7)	13.5 (29.7)	13.2 (29.1)		11.1 (24.4)	13.3 (29.3)	13.5 (29.7)	13.5 (29.7)	13.0 (28.6)	
46 (150'11")				13.5 (29.7)	13.1 (28.8)	12.4 (27.3)	11.7 (25.7)		12.2 (26.8)	13.5 (29.7)	13.0 (28.6)	12.2 (26.8)	11.5 (25.3)
48 (157'6")					11.8 (26)	11.7 (25.7)	11.0 (24.2)		11.0 (24.2)	12.5 (27.5)	12.2 (26.8)	11.5 (25.3)	10.8 (23.8)
50 (164'0")						11.1 (24.4)	10.4 (22.9)			11.6 (25.5)	11.6 (25.5)	10.9 (24)	10.2 (22.4)
52 (170'7")							9.9 (21.8)				11.0 (24.2)	10.3 (22.7)	9.7 (21.3)
54 (177'2")							9.4 (20.7)					9.8 (21.6)	9.2 (20.2)
56 (183'9")												9.4 (20.7)	8.8 (19.4)
58 (190'3")													8.4 (18.5)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	34.5											
	(ft)	(113'2")											
Length of jib	(m)	46					49						
	(ft)	(150'11")					(160'9")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
16 (52'6")													
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)						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)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)						13.4 (29.5)	13.5 (29.7)				
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)					12.6 (27.7)	13.5 (29.7)	13.5 (29.7)			
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)					11.8 (26)	12.9 (28.4)	13.5 (29.7)			
38 (124'8")	12.8 (28.2)	13.5 (29.7)	13.5 (29.7)					11.0 (24.2)	12.2 (26.8)	13.3 (29.3)			
40 (131'3")	11.8 (26)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				10.3 (22.7)	11.6 (25.5)	12.5 (27.5)	12.8 (28.2)		
42 (137'10")	11.0 (24.2)	12.5 (27.5)	13.5 (29.7)	13.4 (29.5)				9.7 (21.3)	10.8 (23.8)	11.8 (26)	12.1 (26.6)		
44 (144'4")	10.0 (22)	11.7 (25.7)	12.9 (28.4)	12.6 (27.7)				8.9 (19.6)	10.1 (22.2)	11.1 (24.4)	11.4 (25.1)		
46 (150'11")	9.0 (19.8)	10.9 (24)	11.9 (26.2)	11.8 (26)	11.6 (25.5)			8.1 (17.8)	9.5 (20.9)	10.4 (22.9)	10.7 (23.5)	11.0 (24.2)	
48 (157'6")		9.9 (21.8)	11.2 (24.6)	11.2 (24.6)	11.0 (24.2)				8.8 (19.4)	9.8 (21.6)	10.1 (22.2)	10.4 (22.9)	
50 (164'0")			10.4 (22.9)	10.6 (23.3)	10.4 (22.9)					9.2 (20.2)	9.7 (21.3)	9.8 (21.6)	
52 (170'7")				10.1 (22.2)	9.8 (21.6)	9.6 (21.1)					9.1 (20)	9.4 (20.7)	9.6 (21.1)
54 (177'2")					9.3 (20.5)	9.1 (20)						8.8 (19.4)	9.0 (19.8)
56 (183'9")					8.9 (19.6)	8.7 (19.1)						8.4 (18.5)	8.6 (18.9)
58 (190'3")						8.3 (18.2)							8.2 (18)
60 (196'10")							7.9 (17.4)						7.8 (17.1)
62 (203'5")													7.3 (16)
64 (209'12")													

Load Charts of extension Jib for LJ Operating condition

(not including boom hook, counterweight (187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom	(m)	34.5											
	(ft)	(113'2")											
Length of jib	(m)	52						55					
	(ft)	(170'7")						(180'5")					
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
18	13.5 (59'1")	13.5 (29.7)											
20	13.5 (65'7")	13.5 (29.7)											
22	13.5 (72'2")	13.5 (29.7)						13.5 (29.7)					
24	13.5 (78'9")	13.5 (29.7)						12.5 (27.5)					
26	13.5 (85'4")	13.5 (29.7)	13.5 (29.7)					11.7 (25.7)					
28	12.6 (91'10")	12.6 (27.7)	13.5 (29.7)					10.9 (24)					
30	11.8 (98'5")	11.8 (26)	13.1 (28.8)					10.2 (22.4)	11.3 (24.9)				
32	11.1 (104'12")	11.1 (24.4)	12.2 (26.8)					9.6 (21.1)	10.5 (23.1)				
34	10.4 (111'7")	10.4 (22.9)	11.4 (25.1)	12.6 (27.7)				8.8 (19.4)	9.9 (21.8)				
36	9.8 (118'1")	9.8 (21.6)	10.8 (23.8)	11.8 (26)				8.2 (18)	9.2 (20.2)				
38	9.3 (124'8")	9.3 (20.5)	10.2 (22.4)	11.1 (24.4)				7.7 (16.9)	8.6 (18.9)	9.6 (21.1)			
40	8.8 (131'3")	8.8 (19.4)	9.6 (21.1)	10.5 (23.1)	11.4 (25.1)			7.1 (15.6)	8.0 (17.6)	8.9 (19.6)			
42	8.4 (137'10")	8.4 (18.5)	9.1 (20)	9.9 (21.8)	10.8 (23.8)			6.7 (14.7)	7.4 (16.3)	8.3 (18.2)			
44	7.9 (144'4")	7.9 (17.4)	8.6 (18.9)	9.4 (20.7)	10.2 (22.4)			6.2 (13.6)	6.9 (15.2)	7.7 (16.9)	8.6 (18.9)		
46	7.5 (150'11")	7.5 (16.5)	8.2 (18)	8.9 (19.6)	9.6 (21.1)	10.4 (22.9)		5.8 (12.7)	6.5 (14.3)	7.2 (15.8)	8.0 (17.6)		
48	7.1 (157'6")	7.1 (15.6)	7.8 (17.1)	8.4 (18.5)	9.1 (20)	9.9 (21.8)		5.4 (11.9)	6.0 (13.2)	6.7 (14.7)	7.4 (16.3)	6.6 (14.5)	
50	6.8 (164'0")	6.8 (14.9)	7.3 (16)	8.0 (17.6)	8.7 (19.1)	9.3 (20.5)		5.1 (11.2)	5.6 (12.3)	6.3 (13.8)	7.0 (15.4)	6.2 (13.6)	
52	6.5 (170'7")	6.5 (14.3)	7.0 (15.4)	7.5 (16.5)	8.2 (18)	8.9 (19.6)	9.5 (20.9)		5.2 (11.4)	5.8 (12.7)	6.5 (14.3)	5.9 (13)	
54	6.7 (177'2")		6.7 (14.7)	7.2 (15.8)	7.8 (17.1)	8.4 (18.5)	9.0 (19.8)			5.5 (12.1)	6.0 (13.2)	5.6 (12.3)	
56	6.4 (183'9")		6.4 (14.1)	6.9 (15.2)	7.4 (16.3)	8.0 (17.6)	8.6 (18.9)			5.1 (11.2)	5.7 (12.5)	5.3 (11.6)	
58	6.6 (190'3")			6.6 (14.5)	7.1 (15.6)	7.7 (16.9)	8.1 (17.8)				5.3 (11.6)	5.1 (11.2)	
60	6.8 (196'10")				6.8 (14.9)	7.2 (15.8)	7.7 (16.9)				5.0 (11)	4.8 (10.5)	
62	6.5 (203'5")				6.5 (14.3)	6.9 (15.2)	7.3 (16)					4.6 (10.1)	
64	6.6 (209'12")					6.6 (14.5)	6.9 (15.2)					4.4 (9.7)	
66	6.6 (216'6")						6.6 (14.5)						
68	6.3 (223'1")						6.3 (13.8)						

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	34.5											
	(ft)	(113'2")											
Length of jib	(m)	58					61						
	(ft)	(190'3")					(200'2")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
10 (32'10")													
12 (39'4")													
14 (45'11")													
16 (52'6")													
18 (59'1")													
20 (65'7")													
22 (72'2")	11.5 (25.3)							9.4 (20.7)					
24 (78'9")	10.6 (23.3)							8.7 (19.1)					
26 (85'4")	9.9 (21.8)							8.1 (17.8)					
28 (91'10")	9.2 (20.2)							7.4 (16.3)					
30 (98'5")	8.6 (18.9)	9.5 (20.9)						6.9 (15.2)	7.8 (17.1)				
32 (104'12")	8.0 (17.6)	8.8 (19.4)						6.4 (14.1)	7.1 (15.6)				
34 (111'7")	7.3 (16)	8.3 (18.2)						5.7 (12.5)	6.7 (14.7)				
36 (118'1")	6.6 (14.5)	7.6 (16.7)						5.0 (11)	6.0 (13.2)				
38 (124'8")	6.0 (13.2)	7.0 (15.4)	8.0 (17.6)					4.4 (9.7)	5.4 (11.9)	6.4 (14.1)			
40 (131'3")	5.4 (11.9)	6.3 (13.8)	7.3 (16)					3.8 (8.3)	4.7 (10.3)	5.7 (12.5)			
42 (137'10")	5.0 (11)	5.7 (12.5)	6.6 (14.5)					3.3 (7.2)	4.1 (9)	5.0 (11)			
44 (144'4")	4.5 (9.9)	5.2 (11.4)	6.1 (13.4)	6.9 (15.2)				2.8 (6.1)	3.6 (7.9)	4.4 (9.7)	5.3 (11.6)		
46 (150'11")	4.1 (9)	4.8 (10.5)	5.5 (12.1)	6.3 (13.8)				2.3 (5)	3.1 (6.8)	3.9 (8.5)	4.7 (10.3)		
48 (157'6")	3.7 (8.1)	4.3 (9.4)	5.0 (11)	5.7 (12.5)				1.9 (4.1)	2.6 (5.7)	3.3 (7.2)	4.1 (9)		
50 (164'0")	3.3 (7.2)	3.9 (8.5)	4.6 (10.1)	5.3 (11.6)					2.1 (4.6)	2.9 (6.3)	3.6 (7.9)		
52 (170'7")		2.3 (5)	4.1 (9)	4.8 (10.5)						2.3 (5)	3.1 (6.8)		
54 (177'2")			3.7 (8.1)	4.3 (9.4)						1.9 (4.1)	2.6 (5.7)		
56 (183'9")			2.3 (5)	3.9 (8.5)							2.1 (4.6)		
58 (190'3")				3.4 (7.4)									

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	37.5											
	(ft)	(123'0")											
Length of jib	(m)	22					25						
	(ft)	(72'2")					(82'0")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	37.5											
	(ft)	(123'0")											
Length of jib	(m)	28					31						
	(ft)	(91'10")					(101'8")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)	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)	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)		
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)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	
42 (137'10")						13.1 (28.8)				13.5 (29.7)	13.5 (29.7)	13.0 (28.6)	
44 (144'4")						12.2 (26.8)					13.0 (28.6)	12.2 (26.8)	
46 (150'11")												11.5 (25.3)	
48 (157'6")												10.9 (24)	
50 (164'0")													
52 (170'7")													
54 (177'2")													
56 (183'9")													
58 (190'3")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	37.5											
	(ft)	(123'0")											
Length of jib	(m)	34					37						
	(ft)	(111'7")					(121'5")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)					
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)	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)	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)	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)	13.5 (29.7)				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")							10.3 (22.7)					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")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	37.5											
	(ft)	(123'0")											
Length of jib	(m)	40					43						
	(ft)	(131'3")					(141'1")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
12 (39'4")													
14 (45'11")													
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)					
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)	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)	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")	13.3 (29.3)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.4 (29.5)	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)			12.3 (27.1)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.4 (29.5)	
44 (144'4")			13.5 (29.7)	13.5 (29.7)	12.8 (28.2)			11.2 (24.6)	13.4 (29.5)	13.5 (29.7)	13.4 (29.5)	12.5 (27.5)	
46 (150'11")				12.8 (28.2)	11.9 (26.2)				12.4 (27.3)	13.5 (29.7)	12.5 (27.5)	11.7 (25.7)	
48 (157'6")				12.1 (26.6)	11.3 (24.9)	10.6 (23.3)			11.4 (25.1)	12.8 (28.2)	11.8 (26)	11.0 (24.2)	10.3 (22.7)
50 (164'0")					10.7 (23.5)	9.9 (21.8)				11.8 (26)	11.2 (24.6)	10.4 (22.9)	9.7 (21.3)
52 (170'7")					10.2 (22.4)	9.4 (20.7)					10.6 (23.3)	9.9 (21.8)	9.2 (20.2)
54 (177'2")						8.9 (19.6)					10.1 (22.2)	9.4 (20.7)	8.7 (19.1)
56 (183'9")							8.5 (18.7)					9.0 (19.8)	8.3 (18.2)
58 (190'3")													7.9 (17.4)
60 (196'10")													7.5 (16.5)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	37.5											
	(ft)	(123'0")											
Length of jib	(m)	46					49						
	(ft)	(150'11")					(160'9")						
Angle of main boom(°)													
Load radius (m) / (ft)		88	83	78	73	68	63	88	83	78	73	68	63
14 (45'11")													
16 (52'6")													
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)					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)				
32 (104'12")		13.5 (29.7)	13.5 (29.7)					13.4 (29.5)	13.5 (29.7)				
34 (111'7")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				12.6 (27.7)	13.5 (29.7)	13.5 (29.7)			
36 (118'1")		13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				11.8 (26)	13.1 (28.8)	13.5 (29.7)			
38 (124'8")		12.8 (28.2)	13.5 (29.7)	13.5 (29.7)				11.0 (24.2)	12.3 (27.1)	13.3 (29.3)			
40 (131'3")		11.8 (26)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			10.3 (22.7)	11.7 (25.7)	12.5 (27.5)	12.9 (28.4)		
42 (137'10")		11.0 (24.2)	12.7 (27.9)	13.5 (29.7)	13.2 (29.1)			9.7 (21.3)	10.9 (24)	11.8 (26)	12.1 (26.6)		
44 (144'4")		10.1 (22.2)	11.8 (26)	12.7 (27.9)	12.4 (27.3)			9.0 (19.8)	10.2 (22.4)	11.1 (24.4)	11.4 (25.1)		
46 (150'11")		9.1 (20)	11.0 (24.2)	12.0 (26.4)	11.6 (25.5)			8.2 (18)	9.6 (21.1)	10.5 (23.1)	10.7 (23.5)		
48 (157'6")			10.2 (22.4)	11.3 (24.9)	11.0 (24.2)	10.7 (23.5)			9.0 (19.8)	9.9 (21.8)	10.1 (22.2)	10.5 (23.1)	
50 (164'0")				10.6 (23.3)	10.4 (22.9)	10.1 (22.2)				9.3 (20.5)	9.6 (21.1)	9.9 (21.8)	
52 (170'7")					9.9 (21.8)	9.6 (21.1)					9.1 (20)	9.4 (20.7)	
54 (177'2")					9.4 (20.7)	9.1 (20)	8.6 (18.9)				8.7 (19.1)	8.9 (19.6)	8.6 (18.9)
56 (183'9")						8.7 (19.1)	8.2 (18)					8.4 (18.5)	8.1 (17.8)
58 (190'3")							7.8 (17.1)						7.7 (16.9)
60 (196'10")							7.4 (16.3)						7.3 (16)
62 (203'5")							7.0 (15.4)						6.9 (15.2)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	37.5											
	(ft)	(123'0")											
Length of jib	(m)	52					55						
	(ft)	(170'7")					(180'5")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
18 (59'1")	13.5 (29.7)												
20 (65'7")	13.5 (29.7)												
22 (72'2")	13.5 (29.7)							13.5 (29.7)					
24 (78'9")	13.5 (29.7)							12.5 (27.5)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)						11.7 (25.7)					
28 (91'10")	12.6 (27.7)	13.5 (29.7)						10.9 (24)					
30 (98'5")	11.8 (26)	13.2 (29.1)						10.2 (22.4)	11.4 (25.1)				
32 (104'12")	11.1 (24.4)	12.3 (27.1)						9.6 (21.1)	10.6 (23.3)				
34 (111'7")	10.4 (22.9)	11.6 (25.5)	12.9 (28.4)					8.8 (19.4)	10.0 (22)				
36 (118'1")	9.8 (21.6)	10.9 (24)	12.0 (26.4)					8.2 (18)	9.4 (20.7)				
38 (124'8")	9.3 (20.5)	10.2 (22.4)	11.3 (24.9)					7.7 (16.9)	8.6 (18.9)	9.8 (21.6)			
40 (131'3")	8.8 (19.4)	9.7 (21.3)	10.6 (23.3)	11.7 (25.7)				7.1 (15.6)	8.1 (17.8)	9.0 (19.8)			
42 (137'10")	8.4 (18.5)	9.2 (20.2)	10.1 (22.2)	11.0 (24.2)				6.7 (14.7)	7.5 (16.5)	8.5 (18.7)			
44 (144'4")	7.9 (17.4)	8.7 (19.1)	9.5 (20.9)	10.4 (22.9)				6.2 (13.6)	7.0 (15.4)	7.8 (17.1)			
46 (150'11")	7.5 (16.5)	8.2 (18)	9.0 (19.8)	9.8 (21.6)				5.8 (12.7)	6.5 (14.3)	7.3 (16)	8.2 (18)		
48 (157'6")	7.1 (15.6)	7.8 (17.1)	8.5 (18.7)	9.3 (20.5)	10.2 (22.4)			5.4 (11.9)	6.1 (13.4)	6.8 (14.9)	7.7 (16.9)		
50 (164'0")	6.8 (14.9)	7.4 (16.3)	8.1 (17.8)	8.8 (19.4)	9.6 (21.1)			5.1 (11.2)	5.7 (12.5)	6.4 (14.1)	7.1 (15.6)	6.4 (14.1)	
52 (170'7")	6.5 (14.3)	7.0 (15.4)	7.7 (16.9)	8.4 (18.5)	9.1 (20)				5.3 (11.6)	5.9 (13)	6.7 (14.7)	6.1 (13.4)	
54 (177'2")		7.0 (15.4)	7.3 (16)	8.0 (17.6)	8.7 (19.1)	8.6 (18.9)				5.6 (12.3)	6.2 (13.6)	5.8 (12.7)	
56 (183'9")		6.4 (14.1)	7.0 (15.4)	7.5 (16.5)	8.2 (18)	8.1 (17.8)				5.2 (11.4)	5.8 (12.7)	5.4 (11.9)	
58 (190'3")			6.7 (14.7)	7.2 (15.8)	7.9 (17.4)	7.7 (16.9)					5.5 (12.1)	5.2 (11.4)	
60 (196'10")			6.4 (14.1)	6.9 (15.2)	7.4 (16.3)	7.2 (15.8)					5.1 (11.2)	5.0 (11)	
62 (203'5")				6.6 (14.5)	7.1 (15.6)	6.8 (14.9)						4.8 (10.5)	
64 (209'12")					6.8 (14.9)	6.4 (14.1)						4.6 (10.1)	
66 (216'6")					6.5 (14.3)	6.1 (13.4)							
68 (223'1")						5.8 (12.7)							
70 (229'8")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	37.5											
	(ft)	(123'0")											
Length of jib	(m)	58					61						
	(ft)	(190'3")					(200'2")						
Angle of main boom(°)													
Load radius (m) / (ft)		88	83	78	73	68	63	88	83	78	73	68	63
16 (52'6")													
18 (59'1")													
20 (65'7")													
22 (72'2")		11.5 (25.3)						9.4 (20.7)					
24 (78'9")		10.6 (23.3)						8.7 (19.1)					
26 (85'4")		9.9 (21.8)						8.1 (17.8)					
28 (91'10")		9.2 (20.2)						7.4 (16.3)					
30 (98'5")		8.6 (18.9)	9.6 (21.1)					6.9 (15.2)	7.9 (17.4)				
32 (104'12")		8.0 (17.6)	8.9 (19.6)					6.4 (14.1)	7.2 (15.8)				
34 (111'7")		7.3 (16)	8.4 (18.5)					5.7 (12.5)	6.7 (14.7)				
36 (118'1")		6.6 (14.5)	7.8 (17.1)					5.0 (11)	6.2 (13.6)				
38 (124'8")		6.0 (13.2)	7.1 (15.6)	8.2 (18)				4.4 (9.7)	5.5 (12.1)	6.6 (14.5)			
40 (131'3")		5.5 (12.1)	6.4 (14.1)	7.5 (16.5)				3.9 (8.5)	4.8 (10.5)	5.9 (13)			
42 (137'10")		5.0 (11)	5.8 (12.7)	6.8 (14.9)				3.3 (7.2)	4.2 (9.2)	5.2 (11.4)			
44 (144'4")		4.5 (9.9)	5.3 (11.6)	6.0 (13.2)				2.8 (6.1)	3.7 (8.1)	4.3 (9.4)			
46 (150'11")		4.1 (9)	4.8 (10.5)	5.6 (12.3)	6.6 (14.5)			2.3 (5)	3.2 (7)	4.0 (8.8)	5.0 (11)		
48 (157'6")		3.7 (8.1)	4.4 (9.7)	5.1 (11.2)	6.0 (13.2)			1.9 (4.1)	2.7 (5.9)	3.5 (7.7)	4.4 (9.7)		
50 (164'0")		3.1 (6.8)	4.0 (8.8)	4.7 (10.3)	5.4 (11.9)				2.2 (4.8)	3.0 (6.6)	3.8 (8.3)		
52 (170'7")			3.1 (6.8)	4.2 (9.2)	5.0 (11)					2.4 (5.2)	3.3 (7.2)		
54 (177'2")				3.8 (8.3)	4.5 (9.9)					2.0 (4.4)	2.8 (6.1)		
56 (183'9")				3.3 (7.2)	4.1 (9)						2.3 (5)		
58 (190'3")					3.7 (8.1)						1.9 (4.1)		
60 (196'10")					3.2 (7)								
62 (203'5")													
64 (209'12")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	40.5											
	(ft)	(132'10")											
Length of jib	(m)	22					25						
	(ft)	(72'2")					(82'0")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	40.5											
	(ft)	(132'10")											
Length of jib	(m)	28					31						
	(ft)	(91'10")					(101'8")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)	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)	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)	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)	13.5 (29.7)		
42 (137'10")						12.6 (27.7)				13.5 (29.7)	13.3 (29.3)	12.4 (27.3)	
44 (144'4")						11.9 (26.2)					12.4 (27.3)	11.7 (25.7)	
46 (150'11")						11.2 (24.6)					11.8 (26)	11.0 (24.2)	
48 (157'6")												10.4 (22.9)	
50 (164'0")												9.9 (21.8)	
52 (170'7")													
54 (177'2")													
56 (183'9")													
58 (190'3")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	40.5											
	(ft)	(132'10")											
Length of jib	(m)	34						37					
	(ft)	(111'7")						(121'5")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
10 (32'10")													
12 (39'4")													
14 (45'11")													
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)	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)	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)	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)		
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)			13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.3 (29.3)	
44 (144'4")						12.5 (27.5)				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")							9.8 (21.6)					10.5 (23.1)	9.8 (21.6)
52 (170'7")							9.4 (20.7)					10.0 (22)	6.2 (13.6)
54 (177'2")													8.8 (19.4)
56 (183'9")													8.4 (18.5)
58 (190'3")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	40.5											
	(ft)	(132'10")											
Length of jib	(m)	40					43						
	(ft)	(131'3")					(141'1")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
14 (45'11")													
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)					
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)	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)	13.5 (29.7)		
40 (131'3")	13.4 (29.5)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)				13.4 (29.5)	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)				12.4 (27.3)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
44 (144'4")			13.5 (29.7)	13.2 (29.1)	12.3 (27.1)			11.3 (24.9)	13.5 (29.7)	13.5 (29.7)	13.0 (28.6)	12.0 (26.4)	
46 (150'11")			13.4 (29.5)	12.4 (27.3)	11.6 (25.5)				12.5 (27.5)	13.2 (29.1)	12.2 (26.8)	11.3 (24.9)	
48 (157'6")				11.8 (26)	10.9 (24)				11.6 (25.5)	12.4 (27.3)	11.5 (25.3)	10.6 (23.3)	
50 (164'0")					10.3 (22.7)	9.5 (20.9)				11.8 (26)	10.9 (24)	10.0 (22)	9.2 (20.2)
52 (170'7")					9.7 (21.3)	9.0 (19.8)				11.2 (24.6)	10.3 (22.7)	9.5 (20.9)	8.7 (19.1)
54 (177'2")						8.5 (18.7)					9.8 (21.6)	9.0 (19.8)	8.2 (18)
56 (183'9")						8.1 (17.8)						8.6 (18.9)	7.8 (17.1)
58 (190'3")						8.0 (17.6)						8.2 (18)	7.7 (16.9)
60 (196'10")													7.0 (15.4)
62 (203'5")													6.7 (14.7)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	40.5											
	(ft)	(132'10")											
Length of jib	(m)	46						49					
	(ft)	(150'11")						(160'9")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
16 (52'6")													
18 (59'1")													
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)	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)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)						13.4 (29.5)	13.5 (29.7)				
34 (111'7")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)					12.7 (27.9)	13.5 (29.7)	13.5 (29.7)			
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)					11.9 (26.2)	13.2 (29.1)	13.5 (29.7)			
38 (124'8")	12.8 (28.2)	13.5 (29.7)	13.5 (29.7)					11.1 (24.4)	12.4 (27.3)	13.3 (29.3)			
40 (131'3")	11.8 (26)	13.5 (29.7)	13.5 (29.7)					10.3 (22.7)	11.8 (26)	12.5 (27.5)			
42 (137'10")	11.1 (24.4)	12.9 (28.4)	13.3 (29.3)	13.0 (28.6)				9.7 (21.3)	11.0 (24.2)	11.8 (26)	12.2 (26.8)		
44 (144'4")	10.2 (22.4)	12.0 (26.4)	12.5 (27.5)	12.2 (26.8)				9.1 (20)	10.4 (22.9)	11.1 (24.4)	11.5 (25.3)		
46 (150'11")	9.2 (20.2)	11.1 (24.4)	11.8 (26)	11.5 (25.3)				8.3 (18.2)	9.7 (21.3)	10.4 (22.9)	10.8 (23.8)		
48 (157'6")		10.4 (22.9)	11.2 (24.6)	10.8 (23.8)	10.6 (23.3)				9.1 (20)	9.9 (21.8)	10.2 (22.4)	10.5 (23.1)	
50 (164'0")			10.6 (23.3)	10.3 (22.7)	10.0 (22)					9.4 (20.7)	9.6 (21.1)	9.9 (21.8)	
52 (170'7")			10.1 (22.2)	9.8 (21.6)	9.5 (20.9)					8.9 (19.6)	9.2 (20.2)	9.4 (20.7)	
54 (177'2")				9.2 (20.2)	8.9 (19.6)						8.7 (19.1)	8.9 (19.6)	
56 (183'9")					8.5 (18.7)	7.7 (16.9)						8.5 (18.7)	7.6 (16.7)
58 (190'3")					8.1 (17.8)	7.5 (16.5)						8.1 (17.8)	7.3 (16)
60 (196'10")						6.9 (15.2)							6.8 (14.9)
62 (203'5")						6.6 (14.5)							6.5 (14.3)
64 (209'12")													6.2 (13.6)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	40.5											
	(ft)	(132'10")											
Length of jib	(m)	52					55						
	(ft)	(170'7")					(180'5")						
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
18 (59'1")													
20 (65'7")	13.5 (29.7)												
22 (72'2")	13.5 (29.7)							13.5 (29.7)					
24 (78'9")	13.5 (29.7)							12.6 (27.7)					
26 (85'4")	13.5 (29.7)	13.5 (29.7)						11.7 (25.7)					
28 (91'10")	12.6 (27.7)	13.5 (29.7)						10.9 (24)					
30 (98'5")	11.8 (26)	13.4 (29.5)						10.2 (22.4)	11.6 (25.5)				
32 (104'12")	11.1 (24.4)	12.4 (27.3)						9.6 (21.1)	10.7 (23.5)				
34 (111'7")	10.5 (23.1)	11.7 (25.7)	13.2 (29.1)					8.9 (19.6)	10.1 (22.2)				
36 (118'1")	9.9 (21.8)	11.0 (24.2)	12.3 (27.1)					8.3 (18.2)	9.5 (20.9)				
38 (124'8")	9.3 (20.5)	10.3 (22.7)	11.5 (25.3)					7.7 (16.9)	8.7 (19.1)	9.9 (21.8)			
40 (131'3")	8.8 (19.4)	9.8 (21.6)	10.8 (23.8)					7.1 (15.6)	8.2 (18)	9.2 (20.2)			
42 (137'10")	8.4 (18.5)	9.2 (20.2)	10.2 (22.4)	11.3 (24.9)				6.7 (14.7)	7.5 (16.5)	8.6 (18.9)			
44 (144'4")	8.0 (17.6)	8.8 (19.4)	9.7 (21.3)	10.7 (23.5)				6.3 (13.8)	7.1 (15.6)	8.1 (17.8)			
46 (150'11")	7.5 (16.5)	8.3 (18.2)	9.1 (20)	10.1 (22.2)				5.8 (12.7)	6.6 (14.5)	7.4 (16.3)	8.5 (18.7)		
48 (157'6")	7.1 (15.6)	7.9 (17.4)	8.7 (19.1)	9.5 (20.9)	10.5 (23.1)			5.4 (11.9)	6.2 (13.6)	7.0 (15.4)	7.9 (17.4)		
50 (164'0")	6.8 (14.9)	7.4 (16.3)	8.2 (18)	9.0 (19.8)	9.9 (21.8)			5.1 (11.2)	5.7 (12.5)	6.5 (14.3)	7.3 (16)	6.6 (14.5)	
52 (170'7")	6.5 (14.3)	7.1 (15.6)	7.8 (17.1)	8.6 (18.9)	9.4 (20.7)				5.4 (11.9)	6.1 (13.4)	6.9 (15.2)	6.3 (13.8)	
54 (177'2")	6.2 (13.6)	6.8 (14.9)	7.4 (16.3)	8.2 (18)	8.9 (19.6)				5.0 (11)	5.7 (12.5)	6.4 (14.1)	5.9 (13)	
56 (183'9")		6.5 (14.3)	7.0 (15.4)	7.8 (17.1)	8.5 (18.7)	7.5 (16.5)				5.3 (11.6)	6.0 (13.2)	5.6 (12.3)	
58 (190'3")			6.7 (14.7)	7.3 (16)	8.1 (17.8)	7.1 (15.6)				4.9 (10.8)	5.6 (12.3)	5.4 (11.9)	
60 (196'10")			6.5 (14.3)	7.0 (15.4)	7.7 (16.9)	6.7 (14.7)					5.2 (11.4)	5.1 (11.2)	
62 (203'5")				6.7 (14.7)	7.2 (15.8)	6.3 (13.8)						4.8 (10.5)	
64 (209'12")				6.4 (14.1)	6.8 (14.9)	6.0 (13.2)						4.6 (10.1)	
66 (216'6")					6.5 (14.3)	5.7 (12.5)						4.4 (9.7)	
68 (223'1")						5.4 (11.9)							
70 (229'8")						5.1 (11.2)							

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	40.5											
	(ft)	(132'10")											
Length of jib	(m)	58					61						
	(ft)	(190'3")					(200'2")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
16 (52'6")													
18 (59'1")													
20 (65'7")													
22 (72'2")		11.5 (25.3)						9.4 (20.7)					
24 (78'9")		10.6 (23.3)						8.7 (19.1)					
26 (85'4")		9.9 (21.8)						8.1 (17.8)					
28 (91'10")		9.2 (20.2)						7.4 (16.3)					
30 (98'5")		8.6 (18.9)	9.8 (21.6)					6.9 (15.2)	8.0 (17.6)				
32 (104'12")		8.1 (17.8)	9.0 (19.8)					6.5 (14.3)	7.3 (16)				
34 (111'7")		7.3 (16)	8.5 (18.7)					5.7 (12.5)	6.8 (14.9)				
36 (118'1")		6.7 (14.7)	7.9 (17.4)					5.1 (11.2)	6.3 (13.8)				
38 (124'8")		6.0 (13.2)	7.2 (15.8)	8.3 (18.2)				4.4 (9.7)	5.6 (12.3)	6.7 (14.7)			
40 (131'3")		5.5 (12.1)	6.5 (14.3)	7.7 (16.9)				3.9 (8.5)	4.9 (10.8)	6.1 (13.4)			
42 (137'10")		5.0 (11)	5.9 (13)	7.0 (15.4)				3.3 (7.2)	4.3 (9.4)	5.4 (11.9)			
44 (144'4")		4.6 (10.1)	5.4 (11.9)	6.4 (14.1)				2.9 (6.3)	3.8 (8.3)	4.8 (10.5)			
46 (150'11")		4.1 (9)	4.9 (10.8)	5.8 (12.7)	6.8 (14.9)			2.3 (5)	3.2 (7)	4.2 (9.2)	5.2 (11.4)		
48 (157'6")		3.7 (8.1)	4.5 (9.9)	5.3 (11.6)	6.2 (13.6)			1.9 (4.1)	2.8 (6.1)	3.6 (7.9)	4.6 (10.1)		
50 (164'0")		3.3 (7.2)	4.0 (8.8)	4.8 (10.5)	5.6 (12.3)				2.2 (4.8)	3.1 (6.8)	4.0 (8.8)		
52 (170'7")			3.6 (7.9)	4.4 (9.7)	5.2 (11.4)				1.8 (3.9)	2.7 (5.9)	3.5 (7.7)		
54 (177'2")			3.2 (7)	3.9 (8.5)	4.7 (10.3)					2.1 (4.6)	3.0 (6.6)		
56 (183'9")				3.5 (7.7)	4.3 (9.4)						2.6 (5.7)		
58 (190'3")					3.8 (8.3)						2.0 (4.4)		
60 (196'10")					3.4 (7.4)								
62 (203'5")													
64 (209'12")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	43.5											
	(ft)	(142'9")											
Length of jib	(m)	22					25						
	(ft)	(72'2")					(82'0")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	43.5											
	(ft)	(142'9")											
Length of jib	(m)	28					31						
	(ft)	(91'10")					(101'8")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)	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)	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)	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)		
40 (131'3")					13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
42 (137'10")					13.0 (28.6)					13.5 (29.7)	12.8 (28.2)		
44 (144'4")						11.4 (25.1)				13.2 (29.1)	12.0 (26.4)	11.2 (24.6)	
46 (150'11")							10.6 (23.3)				11.3 (24.9)	10.5 (23.1)	
48 (157'6")											10.7 (23.5)	9.9 (21.8)	
50 (164'0")												9.4 (20.7)	
52 (170'7")													
54 (177'2")													
56 (183'9")													
58 (190'3")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	43.5											
	(ft)	(142'9")											
Length of jib	(m)	34					37						
	(ft)	(111'7")					(121'5")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
10 (32'10")													
12 (39'4")													
14 (45'11")													
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)	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)	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)		
40 (131'3")			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")				13.1 (28.8)	12.0 (26.4)				13.5 (29.7)	13.1 (28.8)	12.0 (26.4)		
46 (150'11")					11.3 (24.9)				13.4 (29.5)	12.3 (27.1)	11.3 (24.9)		
48 (157'6")					10.7 (23.5)	9.8 (21.6)				11.6 (25.5)	10.7 (23.5)	9.8 (21.6)	
50 (164'0")						9.3 (20.5)				11.0 (24.2)	10.1 (22.2)	9.2 (20.2)	
52 (170'7")						8.8 (19.4)					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")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	43.5											
	(ft)	(142'9")											
Length of jib	(m)	40					43						
	(ft)	(131'3")					(141'1")						
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
14 (45'11")													
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)					
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)				
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)	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)				12.4 (27.3)	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
44 (144'4")			13.5 (29.7)	12.8 (28.2)	11.8 (26)			11.4 (25.1)	13.5 (29.7)	13.5 (29.7)	12.5 (27.5)	11.5 (25.3)	
46 (150'11")			13.1 (28.8)	12.1 (26.6)	11.1 (24.4)				12.8 (28.2)	12.9 (28.4)	11.8 (26)	10.8 (23.8)	
48 (157'6")				11.4 (25.1)	10.4 (22.9)				11.8 (26)	12.1 (26.6)	11.1 (24.4)	10.1 (22.2)	
50 (164'0")				10.8 (23.8)	9.8 (21.6)					11.5 (25.3)	10.5 (23.1)	9.5 (20.9)	
52 (170'7")					9.3 (20.5)	8.4 (18.5)				10.9 (24)	9.9 (21.8)	9.0 (19.8)	8.2 (18)
54 (177'2")					8.8 (19.4)	8.0 (17.6)					9.4 (20.7)	8.6 (18.9)	7.7 (16.9)
56 (183'9")						7.5 (16.5)					9.0 (19.8)	8.1 (17.8)	7.2 (15.8)
58 (190'3")							7.0 (15.4)					7.7 (16.9)	6.8 (14.9)
60 (196'10")												7.3 (16)	6.5 (14.3)
62 (203'5")													6.2 (13.6)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	43.5											
	(ft)	(142'9")											
Length of jib	(m)	46					49						
	(ft)	(150'11")					(160'9")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
16 (52'6")													
18 (59'1")													
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)						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)						13.4 (29.5)	13.5 (29.7)				
34 (111'7")	13.5 (29.7)	13.5 (29.7)						12.7 (27.9)	13.5 (29.7)				
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)					11.9 (26.2)	13.3 (29.3)	13.5 (29.7)			
38 (124'8")	12.8 (28.2)	13.5 (29.7)	13.5 (29.7)					11.1 (24.4)	12.5 (27.5)	13.3 (29.3)			
40 (131'3")	11.9 (26.2)	13.5 (29.7)	13.5 (29.7)					10.3 (22.7)	11.8 (26)	12.5 (27.5)			
42 (137'10")	11.1 (24.4)	13.0 (28.6)	13.2 (29.1)	13.0 (28.6)				9.7 (21.3)	11.2 (24.6)	11.8 (26)	12.3 (27.1)		
44 (144'4")	10.3 (22.7)	12.1 (26.6)	12.4 (27.3)	12.0 (26.4)				9.1 (20)	10.4 (22.9)	11.1 (24.4)	11.5 (25.3)		
46 (150'11")	9.2 (20.2)	11.3 (24.9)	11.7 (25.7)	11.3 (24.9)				8.3 (18.2)	9.8 (21.6)	10.5 (23.1)	10.8 (23.8)		
48 (157'6")		10.5 (23.1)	11.0 (24.2)	10.7 (23.5)					9.2 (20.2)	9.9 (21.8)	10.2 (22.4)		
50 (164'0")			10.5 (23.1)	10.1 (22.2)	9.5 (20.9)					9.4 (20.7)	9.6 (21.1)	9.6 (21.1)	
52 (170'7")			9.9 (21.8)	9.5 (20.9)	9.0 (19.8)	5.4 (11.9)				8.9 (19.6)	9.1 (20)	9.0 (19.8)	
54 (177'2")				9.0 (19.8)	8.6 (18.9)	5.1 (11.2)					8.6 (18.9)	8.6 (18.9)	
56 (183'9")				8.6 (18.9)	8.1 (17.8)	4.8 (10.5)					8.2 (18)	8.1 (17.8)	
58 (190'3")					7.7 (16.9)	6.7 (14.7)						7.7 (16.9)	6.6 (14.5)
60 (196'10")					7.3 (16)	6.4 (14.1)						7.2 (15.8)	6.3 (13.8)
62 (203'5")						6.1 (13.4)							6.0 (13.2)
64 (209'12")													5.6 (12.3)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	43.5											
	(ft)	(142'9")											
Length of jib	(m)	52					55						
	(ft)	(170'7")					(180'5")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
18 (59'1")													
20 (65'7")	13.5 (29.7)												
22 (72'2")	13.5 (29.7)							13.5 (29.7)					
24 (78'9")	13.5 (29.7)							12.6 (27.7)					
26 (85'4")	13.5 (29.7)							11.7 (25.7)					
28 (91'10")	12.6 (27.7)	13.5 (29.7)						10.9 (24)					
30 (98'5")	11.8 (26)	13.5 (29.7)						10.2 (22.4)	11.7 (25.7)				
32 (104'12")	11.1 (24.4)	12.6 (27.7)						9.6 (21.1)	10.9 (24)				
34 (111'7")	10.5 (23.1)	11.8 (26)						8.9 (19.6)	10.2 (22.4)				
36 (118'1")	9.9 (21.8)	11.1 (24.4)	12.5 (27.5)					8.3 (18.2)	9.6 (21.1)				
38 (124'8")	9.3 (20.5)	10.4 (22.9)	11.7 (25.7)					7.7 (16.9)	8.8 (19.4)				
40 (131'3")	8.8 (19.4)	9.8 (21.6)	11.0 (24.2)					7.1 (15.6)	8.2 (18)	9.5 (20.9)			
42 (137'10")	8.4 (18.5)	9.3 (20.5)	10.4 (22.9)	11.6 (25.5)				6.7 (14.7)	7.7 (16.9)	8.8 (19.4)			
44 (144'4")	8.0 (17.6)	8.8 (19.4)	9.8 (21.6)	10.9 (24)				6.3 (13.8)	7.1 (15.6)	8.2 (18)			
46 (150'11")	7.5 (16.5)	8.4 (18.5)	9.3 (20.5)	10.3 (22.7)				5.8 (12.7)	6.7 (14.7)	7.7 (16.9)			
48 (157'6")	7.1 (15.6)	8.0 (17.6)	8.8 (19.4)	9.8 (21.6)				5.4 (11.9)	6.2 (13.6)	7.1 (15.6)	8.2 (18)		
50 (164'0")	6.8 (14.9)	7.5 (16.5)	8.4 (18.5)	9.2 (20.2)	9.6 (21.1)			5.1 (11.2)	5.8 (12.7)	6.7 (14.7)	7.5 (16.5)		
52 (170'7")	6.5 (14.3)	7.1 (15.6)	7.9 (17.4)	8.8 (19.4)	9.0 (19.8)				5.4 (11.9)	6.2 (13.6)	7.1 (15.6)	6.0 (13.2)	
54 (177'2")	6.2 (13.6)	6.8 (14.9)	7.5 (16.5)	8.3 (18.2)	8.6 (18.9)				5.1 (11.2)	5.8 (12.7)	6.6 (14.5)	5.7 (12.5)	
56 (183'9")		6.5 (14.3)	7.1 (15.6)	7.9 (17.4)	8.1 (17.8)					5.4 (11.9)	6.1 (13.4)	5.4 (11.9)	
58 (190'3")			6.8 (14.9)	7.5 (16.5)	7.7 (16.9)	6.5 (14.3)				5.0 (11)	5.8 (12.7)	5.1 (11.2)	
60 (196'10")			6.5 (14.3)	7.1 (15.6)	7.1 (15.6)	6.1 (13.4)					5.3 (11.6)	4.8 (10.5)	
62 (203'5")				6.8 (14.9)	6.8 (14.9)	5.8 (12.7)					5.0 (11)	4.6 (10.1)	
64 (209'12")				6.5 (14.3)	6.4 (14.1)	5.5 (12.1)						4.3 (9.4)	
66 (216'6")					6.1 (13.4)	5.1 (11.2)						4.1 (9)	
68 (223'1")					5.8 (12.7)	4.9 (10.8)						3.9 (8.5)	
70 (229'8")						4.6 (10.1)							
72 (236'3")						4.4 (9.7)							
74 (242'9")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	43.5											
	(ft)	(142'9")											
Length of jib	(m)	58						61					
	(ft)	(190'3")						(200'2")					
Angle of main boom(°)													
Load radius (m) / (ft)		88	83	78	73	68	63	88	83	78	73	68	63
18 (59'1")													
20 (65'7")													
22 (72'2")		11.6 (25.5)						9.5 (20.9)					
24 (78'9")		10.7 (23.5)						8.8 (19.4)					
26 (85'4")		9.9 (21.8)						8.1 (17.8)					
28 (91'10")		9.2 (20.2)						7.5 (16.5)					
30 (98'5")		8.6 (18.9)	9.9 (21.8)					6.9 (15.2)	8.1 (17.8)				
32 (104'12")		8.1 (17.8)	9.2 (20.2)					6.5 (14.3)	7.4 (16.3)				
34 (111'7")		7.4 (16.3)	8.6 (18.9)					5.8 (12.7)	6.9 (15.2)				
36 (118'1")		6.7 (14.7)	8.0 (17.6)					5.1 (11.2)	6.4 (14.1)				
38 (124'8")		6.1 (13.4)	7.3 (16)					4.5 (9.9)	5.7 (12.5)				
40 (131'3")		5.5 (12.1)	6.6 (14.5)	7.9 (17.4)				3.9 (8.5)	5.0 (11)	6.3 (13.8)			
42 (137'10")		5.0 (11)	6.0 (13.2)	7.2 (15.8)				3.4 (7.4)	4.4 (9.7)	5.6 (12.3)			
44 (144'4")		4.6 (10.1)	5.4 (11.9)	6.6 (14.5)				2.9 (6.3)	3.8 (8.3)	5.0 (11)			
46 (150'11")		4.1 (9)	5.0 (11)	6.0 (13.2)				2.3 (5)	3.3 (7.2)	4.4 (9.7)			
48 (157'6")		3.7 (8.1)	4.5 (9.9)	5.4 (11.9)	6.5 (14.3)			1.9 (4.1)	2.8 (6.1)	3.8 (8.3)	4.9 (10.8)		
50 (164'0")		3.3 (7.2)	4.1 (9)	5.0 (11)	5.9 (13)				2.3 (5)	3.3 (7.2)	4.3 (9.4)		
52 (170'7")			3.7 (8.1)	4.5 (9.9)	5.4 (11.9)				1.9 (4.1)	2.8 (6.1)	3.7 (8.1)		
54 (177'2")			3.3 (7.2)	4.1 (9)	4.9 (10.8)					2.3 (5)	3.2 (7)		
56 (183'9")				3.6 (7.9)	4.4 (9.7)					1.8 (3.9)	2.7 (5.9)		
58 (190'3")				3.1 (6.8)	4.0 (8.8)						2.2 (4.8)		
60 (196'10")					3.5 (7.7)								
62 (203'5")													
64 (209'12")													
66 (216'6")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	46.5											
	(ft)	(152'7")											
Length of jib	(m)	22						25					
	(ft)	(72'2")						(82'0")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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 (196'10")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	46.5											
	(ft)	(152'7")											
Length of jib	(m)	28					31						
	(ft)	(91'10")					(101'8")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)	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)	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)			
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")					13.0 (28.6)				13.5 (29.7)	13.5 (29.7)	13.2 (29.1)		
42 (137'10")						11.2 (24.6)				13.5 (29.7)	12.3 (27.1)		
44 (144'4")							10.6 (23.3)			12.9 (28.4)	11.6 (25.5)	10.7 (23.5)	
46 (150'11")											10.9 (24)	10.1 (22.2)	
48 (157'6")											10.3 (22.7)	9.5 (20.9)	
50 (164'0")												8.9 (19.6)	
52 (170'7")												8.4 (18.5)	
54 (177'2")													
56 (183'9")													
58 (190'3")													
60 (196'10")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	46.5											
	(ft)	(152'7")											
Length of jib	(m)	34						37					
	(ft)	(111'7")						(121'5")					
Angle of main boom(°)													
Load radius (m) / (ft)		88	83	78	73	68	63	88	83	78	73	68	63
14 (45'11")													
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)	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)	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)		
40 (131'3")			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)	12.4 (27.3)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	12.4 (27.3)	
44 (144'4")				12.8 (28.2)	11.6 (25.5)					13.5 (29.7)	12.8 (28.2)	11.6 (25.5)	
46 (150'11")					10.9 (24)					13.2 (29.1)	12.0 (26.4)	10.9 (24)	
48 (157'6")					10.3 (22.7)	9.4 (20.7)					11.3 (24.9)	10.3 (22.7)	9.3 (20.5)
50 (164'0")						8.8 (19.4)					10.7 (23.5)	9.7 (21.3)	8.7 (19.1)
52 (170'7")						8.3 (18.2)						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")													
62 (203'5")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	46.5											
	(ft)	(152'7")											
Length of jib	(m)	40					43						
	(ft)	(131'3")					(141'1")						
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
14 (45'11")													
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)					
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)				
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)	13.5 (29.7)	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)	13.2 (29.1)				12.4 (27.3)	13.5 (29.7)	13.5 (29.7)	12.8 (28.2)		
44 (144'4")			13.5 (29.7)	12.4 (27.3)				11.5 (25.3)	13.5 (29.7)	13.4 (29.5)	12.0 (26.4)		
46 (150'11")			12.9 (28.4)	11.7 (25.7)	10.6 (23.3)				12.9 (28.4)	12.6 (27.7)	11.4 (25.1)	10.3 (22.7)	
48 (157'6")				11.1 (24.4)	10.0 (22)				11.9 (26.2)	11.9 (26.2)	10.8 (23.8)	9.7 (21.3)	
50 (164'0")				10.5 (23.1)	9.4 (20.7)					11.2 (24.6)	10.2 (22.4)	9.2 (20.2)	
52 (170'7")					8.9 (19.6)	8.0 (17.6)				10.7 (23.5)	9.6 (21.1)	8.7 (19.1)	7.8 (17.1)
54 (177'2")					8.5 (18.7)	7.5 (16.5)					9.1 (20)	8.2 (18)	7.2 (15.8)
56 (183'9")						7.1 (15.6)					8.7 (19.1)	7.8 (17.1)	6.9 (15.2)
58 (190'3")						6.7 (14.7)						7.3 (16)	6.4 (14.1)
60 (196'10")												7.0 (15.4)	6.1 (13.4)
62 (203'5")													5.8 (12.7)
64 (209'12")													5.6 (12.3)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	46.5											
	(ft)	(152'7")											
Length of jib	(m)	46					49						
	(ft)	(150'11")					(160'9")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
18 (59'1")													
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)						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)						13.4 (29.5)	13.5 (29.7)				
34 (111'7")	13.5 (29.7)	13.5 (29.7)						12.7 (27.9)	13.5 (29.7)				
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)					11.9 (26.2)	13.4 (29.5)	13.5 (29.7)			
38 (124'8")	12.8 (28.2)	13.5 (29.7)	13.5 (29.7)					11.1 (24.4)	12.6 (27.7)	13.2 (29.1)			
40 (131'3")	11.9 (26.2)	13.5 (29.7)	13.5 (29.7)					10.3 (22.7)	12.0 (26.4)	12.4 (27.3)			
42 (137'10")	11.1 (24.4)	13.2 (29.1)	12.9 (28.4)					9.7 (21.3)	11.3 (24.9)	11.8 (26)			
44 (144'4")	10.3 (22.7)	12.3 (27.1)	12.2 (26.8)	11.8 (26)				9.1 (20)	10.6 (23.3)	11.1 (24.4)	11.5 (25.3)		
46 (150'11")	9.2 (20.2)	11.4 (25.1)	11.7 (25.7)	11.2 (24.6)				8.3 (18.2)	9.9 (21.8)	10.7 (23.5)	10.9 (24)		
48 (157'6")		10.6 (23.3)	10.9 (24)	10.5 (23.1)					9.3 (20.5)	9.9 (21.8)	10.3 (22.7)		
50 (164'0")			10.3 (22.7)	9.9 (21.8)						9.4 (20.7)	9.7 (21.3)		
52 (170'7")			9.8 (21.6)	9.4 (20.7)	8.6 (18.9)					8.9 (19.6)	9.1 (20)	8.6 (18.9)	
54 (177'2")				8.9 (19.6)	8.1 (17.8)						8.7 (19.1)	8.1 (17.8)	
56 (183'9")				8.5 (18.7)	7.7 (16.9)						8.3 (18.2)	7.7 (16.9)	
58 (190'3")					7.3 (16)	6.3 (13.8)						7.2 (15.8)	6.2 (13.6)
60 (196'10")					6.9 (15.2)	6.0 (13.2)						6.8 (14.9)	5.8 (12.7)
62 (203'5")						5.6 (12.3)							5.5 (12.1)
64 (209'12")						5.4 (11.9)							5.2 (11.4)
66 (216'6")													4.8 (10.5)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	46.5											
	(ft)	(152'7")											
Length of jib	(m)	52						55					
	(ft)	(170'7")						(180'5")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
18 (59'1")													
20 (65'7")	13.5 (29.7)												
22 (72'2")	13.5 (29.7)							13.5 (29.7)					
24 (78'9")	13.5 (29.7)							12.6 (27.7)					
26 (85'4")	13.5 (29.7)							11.8 (26)					
28 (91'10")	12.8 (28.2)	13.5 (29.7)						11.0 (24.2)					
30 (98'5")	11.9 (26.2)	13.5 (29.7)						10.3 (22.7)	11.8 (26)				
32 (104'12")	11.1 (24.4)	12.8 (28.2)						9.5 (20.9)	11.0 (24.2)				
34 (111'7")	10.5 (23.1)	11.9 (26.2)						8.9 (19.6)	10.3 (22.7)				
36 (118'1")	9.9 (21.8)	11.2 (24.6)	12.8 (28.2)					8.3 (18.2)	9.7 (21.3)				
38 (124'8")	9.3 (20.5)	10.5 (23.1)	11.9 (26.2)					7.7 (16.9)	8.9 (19.6)				
40 (131'3")	8.8 (19.4)	9.9 (21.8)	11.2 (24.6)					7.1 (15.6)	8.3 (18.2)	9.7 (21.3)			
42 (137'10")	8.4 (18.5)	9.4 (20.7)	10.6 (23.3)					6.7 (14.7)	7.8 (17.1)	9.0 (19.8)			
44 (144'4")	8.0 (17.6)	8.9 (19.6)	10.0 (22)	11.2 (24.6)				6.3 (13.8)	7.2 (15.8)	8.4 (18.5)			
46 (150'11")	7.5 (16.5)	8.4 (18.5)	9.7 (21.3)	10.6 (23.3)				5.8 (12.7)	6.7 (14.7)	8.0 (17.6)			
48 (157'6")	7.1 (15.6)	8.0 (17.6)	8.9 (19.6)	10.0 (22)				5.4 (11.9)	6.3 (13.8)	7.2 (15.8)	8.4 (18.5)		
50 (164'0")	6.8 (14.9)	7.5 (16.5)	8.5 (18.7)	9.4 (20.7)				5.1 (11.2)	5.8 (12.7)	6.8 (14.9)	7.8 (17.1)		
52 (170'7")	6.5 (14.3)	7.2 (15.8)	8.1 (17.8)	8.9 (19.6)	8.6 (18.9)				5.5 (12.1)	6.3 (13.8)	7.2 (15.8)		
54 (177'2")	6.2 (13.6)	6.8 (14.9)	7.7 (16.9)	8.5 (18.7)	8.1 (17.8)				5.0 (11)	5.9 (13)	6.8 (14.9)	5.4 (11.9)	
56 (183'9")		6.5 (14.3)	7.2 (15.8)	8.1 (17.8)	7.7 (16.9)					5.5 (12.1)	6.3 (13.8)	5.1 (11.2)	
58 (190'3")		6.3 (13.8)	6.9 (15.2)	7.7 (16.9)	7.1 (15.6)	6.0 (13.2)				5.1 (11.2)	5.9 (13)	4.8 (10.5)	
60 (196'10")			6.6 (14.5)	7.2 (15.8)	6.7 (14.7)	5.6 (12.3)					5.5 (12.1)	4.5 (9.9)	
62 (203'5")			6.3 (13.8)	6.9 (15.2)	6.4 (14.1)	5.3 (11.6)					5.1 (11.2)	4.3 (9.4)	
64 (209'12")				6.6 (14.5)	6.0 (13.2)	5.0 (11)						4.0 (8.8)	
66 (216'6")				6.4 (14.1)	5.7 (12.5)	4.7 (10.3)						3.8 (8.3)	
68 (223'1")					5.4 (11.9)	4.4 (9.7)						3.6 (7.9)	
70 (229'8")						4.2 (9.2)							
72 (236'3")						4.0 (8.8)							
74 (242'9")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	46.5											
	(ft)	(152'7")											
Length of jib	(m)	58						61					
	(ft)	(190'3")						(200'2")					
Angle of main boom(°)													
Load radius (m) / (ft)		88	83	78	73	68	63	88	83	78	73	68	63
20 (65'7")													
22 (72'2")	11.6 (25.5)							9.5 (20.9)					
24 (78'9")	10.7 (23.5)							8.8 (19.4)					
26 (85'4")	10.0 (22)							8.2 (18)					
28 (91'10")	9.3 (20.5)							7.5 (16.5)					
30 (98'5")	8.7 (19.1)	10.0 (22)						7.0 (15.4)	8.2 (18)				
32 (104'12")	7.9 (17.4)	9.3 (20.5)						6.2 (13.6)	7.5 (16.5)				
34 (111'7")	7.4 (16.3)	8.7 (19.1)						5.8 (12.7)	7.0 (15.4)				
36 (118'1")	6.7 (14.7)	8.1 (17.8)						5.1 (11.2)	6.5 (14.3)				
38 (124'8")	6.1 (13.4)	7.4 (16.3)						4.5 (9.9)	5.8 (12.7)				
40 (131'3")	5.5 (12.1)	6.7 (14.7)	8.1 (17.8)					3.9 (8.5)	5.1 (11.2)	6.5 (14.3)			
42 (137'10")	5.0 (11)	6.1 (13.4)	7.4 (16.3)					3.4 (7.4)	4.5 (9.9)	5.8 (12.7)			
44 (144'4")	4.6 (10.1)	5.5 (12.1)	6.8 (14.9)					2.9 (6.3)	3.9 (8.5)	5.2 (11.4)			
46 (150'11")	4.1 (9)	5.0 (11)	6.2 (13.6)					2.3 (5)	3.4 (7.4)	4.5 (9.9)			
48 (157'6")	3.7 (8.1)	4.6 (10.1)	5.6 (12.3)	6.7 (14.7)				1.9 (4.1)	2.9 (6.3)	4.0 (8.8)	5.1 (11.2)		
50 (164'0")	3.3 (7.2)	4.1 (9)	5.1 (11.2)	6.1 (13.4)					2.4 (5.2)	3.4 (7.4)	4.5 (9.9)		
52 (170'7")		3.7 (8.1)	4.6 (10.1)	5.5 (12.1)					1.9 (4.1)	2.9 (6.3)	3.9 (8.5)		
54 (177'2")		3.2 (7)	4.2 (9.2)	5.1 (11.2)						2.4 (5.2)	3.4 (7.4)		
56 (183'9")			3.8 (8.3)	4.6 (10.1)						2.0 (4.4)	2.9 (6.3)		
58 (190'3")			3.3 (7.2)	4.2 (9.2)							2.4 (5.2)		
60 (196'10")				3.8 (8.3)							2.0 (4.4)		
62 (203'5")				3.3 (7.2)									
64 (209'12")													
66 (216'6")													
68 (223'1")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	49.5											
	(ft)	(162'5")											
Length of jib	(m)	22						25					
	(ft)	(72'2")						(82'0")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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 (196'10")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	49.5											
	(ft)	(162'5")											
Length of jib	(m)	28					31						
	(ft)	(91'10")					(101'8")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)	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)	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)	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)	12.9 (28.4)				13.5 (29.7)	13.5 (29.7)	12.6 (27.7)		
42 (137'10")					12.0 (26.4)				13.5 (29.7)	13.5 (29.7)	11.8 (26)		
44 (144'4")					11.3 (24.9)					12.6 (27.7)	11.1 (24.4)		
46 (150'11")						9.6 (21.1)				11.9 (26.2)	10.4 (22.9)	9.5 (20.9)	
48 (157'6")						9.1 (20)					9.9 (21.8)	8.9 (19.6)	
50 (164'0")						8.5 (18.7)					9.4 (20.7)	8.4 (18.5)	
52 (170'7")												7.9 (17.4)	
54 (177'2")												7.4 (16.3)	
56 (183'9")													
58 (190'3")													
60 (196'10")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	49.5											
	(ft)	(162'5")											
Length of jib	(m)	34					37						
	(ft)	(111'7")					(121'5")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
14 (45'11")													
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)	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)	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)					13.5 (29.7)	13.5 (29.7)	13.5 (29.7)		
42 (137'10")			13.5 (29.7)	13.2 (29.1)					13.5 (29.7)	13.5 (29.7)	13.0 (28.6)		
44 (144'4")				12.5 (27.5)	11.1 (24.4)					13.5 (29.7)	12.3 (27.1)	11.0 (24.2)	
46 (150'11")				11.8 (26)	10.4 (22.9)					12.9 (28.4)	11.6 (25.5)	10.4 (22.9)	
48 (157'6")					9.8 (21.6)					12.1 (26.6)	10.9 (24)	9.8 (21.6)	
50 (164'0")					9.3 (20.5)	8.2 (18)					10.3 (22.7)	9.2 (20.2)	8.0 (17.6)
52 (170'7")						7.7 (16.9)					9.8 (21.6)	8.7 (19.1)	7.5 (16.5)
54 (177'2")						7.2 (15.8)						8.3 (18.2)	7.0 (15.4)
56 (183'9")						6.8 (14.9)						7.9 (17.4)	6.6 (14.5)
58 (190'3")													6.2 (13.6)
60 (196'10")													5.9 (13)
62 (203'5")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	49.5											
	(ft)	(162'5")											
Length of jib	(m)	40						43					
	(ft)	(131'3")						(141'1")					
Angle of main boom(°)													
Load radius (m) / (ft)		88	83	78	73	68	63	88	83	78	73	68	63
14 (45'11")													
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)					
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)				
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)	13.5 (29.7)	13.5 (29.7)	13.3 (29.3)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	12.9 (28.4)		
42 (137'10")		13.5 (29.7)	13.5 (29.7)	12.5 (27.5)				12.4 (27.3)	13.5 (29.7)	13.5 (29.7)	12.1 (26.6)		
44 (144'4")			13.2 (29.1)	11.9 (26.2)				11.5 (25.3)	13.5 (29.7)	12.9 (28.4)	11.4 (25.1)		
46 (150'11")			12.5 (27.5)	11.2 (24.6)					13.1 (28.8)	12.2 (26.8)	10.8 (23.8)		
48 (157'6")			11.9 (26.2)	10.6 (23.3)	9.4 (20.7)				12.0 (26.4)	11.6 (25.5)	10.3 (22.7)	9.1 (20)	
50 (164'0")				10.0 (22)	8.9 (19.6)					11.0 (24.2)	9.8 (21.6)	8.6 (18.9)	
52 (170'7")				9.5 (20.9)	8.4 (18.5)					10.4 (22.9)	9.2 (20.2)	8.2 (18)	
54 (177'2")					8.0 (17.6)	6.9 (15.2)				9.9 (21.8)	8.8 (19.4)	7.7 (16.9)	6.7 (14.7)
56 (183'9")					7.5 (16.5)	6.5 (14.3)					8.3 (18.2)	7.2 (15.8)	6.3 (13.8)
58 (190'3")						6.1 (13.4)					8.0 (17.6)	6.8 (14.9)	5.9 (13)
60 (196'10")						5.8 (12.7)						6.5 (14.3)	5.6 (12.3)
62 (203'5")						5.5 (12.1)						6.2 (13.6)	5.3 (11.6)
64 (209'12")													5.0 (11)
66 (216'6")													4.7 (10.3)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	49.5											
	(ft)	(162'5")											
Length of jib	(m)	46					49						
	(ft)	(150'11")					(160'9")						
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
18 (59'1")													
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)						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)						12.7 (27.9)	13.5 (29.7)				
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)					11.9 (26.2)	13.5 (29.7)	13.5 (29.7)			
38 (124'8")	12.9 (28.4)	13.5 (29.7)	13.5 (29.7)					11.1 (24.4)	12.7 (27.9)	13.2 (29.1)			
40 (131'3")	11.9 (26.2)	13.5 (29.7)	13.3 (29.3)					10.3 (22.7)	12.0 (26.4)	12.4 (27.3)			
42 (137'10")	11.1 (24.4)	13.2 (29.1)	12.6 (27.7)					9.7 (21.3)	11.4 (25.1)	11.7 (25.7)			
44 (144'4")	10.3 (22.7)	12.4 (27.3)	11.9 (26.2)	11.4 (25.1)				9.1 (20)	10.7 (23.5)	11.0 (24.2)	11.4 (25.1)		
46 (150'11")	9.2 (20.2)	11.5 (25.3)	11.4 (25.1)	10.8 (23.8)				8.3 (18.2)	10.0 (22)	10.5 (23.1)	10.8 (23.8)		
48 (157'6")		10.7 (23.5)	10.8 (23.8)	10.3 (22.7)					9.4 (20.7)	9.9 (21.8)	10.2 (22.4)		
50 (164'0")			10.2 (22.4)	9.8 (21.6)						9.4 (20.7)	9.7 (21.3)		
52 (170'7")			9.7 (21.3)	9.1 (20)	8.1 (17.8)					8.9 (19.6)	9.1 (20)	8.1 (17.8)	
54 (177'2")			9.2 (20.2)	8.7 (19.1)	7.6 (16.7)					8.5 (18.7)	8.7 (19.1)	7.6 (16.7)	
56 (183'9")				8.2 (18)	7.2 (15.8)						8.2 (18)	7.2 (15.8)	
58 (190'3")				7.9 (17.4)	6.8 (14.9)						7.8 (17.1)	6.7 (14.7)	
60 (196'10")					6.5 (14.3)	5.4 (11.9)						6.4 (14.1)	5.3 (11.6)
62 (203'5")					6.1 (13.4)	5.1 (11.2)						6.0 (13.2)	4.9 (10.8)
64 (209'12")						4.8 (10.5)							4.6 (10.1)
66 (216'6")						4.5 (9.9)							4.4 (9.7)
68 (223'1")													4.0 (8.8)
70 (229'8")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	49.5											
	(ft)	(162'5")											
Length of jib	(m)	52					55						
	(ft)	(170'7")					(180'5")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
18 (59'1")													
20 (65'7")	13.5 (29.7)												
22 (72'2")	13.5 (29.7)							13.5 (29.7)					
24 (78'9")	13.5 (29.7)							12.7 (27.9)					
26 (85'4")	13.5 (29.7)							11.7 (25.7)					
28 (91'10")	12.8 (28.2)	13.5 (29.7)						10.7 (23.5)					
30 (98'5")	11.9 (26.2)	13.5 (29.7)						9.9 (21.8)					
32 (104'12")	11.2 (24.6)	12.9 (28.4)						9.1 (20)	11.1 (24.4)				
34 (111'7")	10.5 (23.1)	12.0 (26.4)						8.4 (18.5)	10.4 (22.9)				
36 (118'1")	9.9 (21.8)	11.3 (24.9)	13.1 (28.8)					7.8 (17.1)	9.8 (21.6)				
38 (124'8")	9.4 (20.7)	10.6 (23.3)	12.2 (26.8)					7.2 (15.8)	9.0 (19.8)				
40 (131'3")	8.8 (19.4)	10.0 (22)	11.4 (25.1)					6.6 (14.5)	8.4 (18.5)	9.8 (21.6)			
42 (137'10")	8.4 (18.5)	9.5 (20.9)	10.7 (23.5)					6.0 (13.2)	7.9 (17.4)	9.1 (20)			
44 (144'4")	8.0 (17.6)	9.0 (19.8)	10.1 (22.2)	11.4 (25.1)					7.3 (16)	8.5 (18.7)			
46 (150'11")	7.5 (16.5)	8.5 (18.7)	9.6 (21.1)	10.8 (23.8)					6.8 (14.9)	8.0 (17.6)			
48 (157'6")	7.1 (15.6)	8.1 (17.8)	9.1 (20)	10.2 (22.4)					6.4 (14.1)	7.4 (16.3)			
50 (164'0")	6.8 (14.9)	7.7 (16.9)	8.6 (18.9)	9.7 (21.3)					5.9 (13)	6.9 (15.2)	8.1 (17.8)		
52 (170'7")	6.5 (14.3)	7.2 (15.8)	8.2 (18)	9.1 (20)	8.1 (17.8)				5.5 (12.1)	6.5 (14.3)	7.4 (16.3)		
54 (177'2")	6.2 (13.6)	6.9 (15.2)	7.8 (17.1)	8.7 (19.1)	7.5 (16.5)				5.1 (11.2)	6.0 (13.2)	7.0 (15.4)	5.0 (11)	
56 (183'9")		6.6 (14.5)	7.3 (16)	8.2 (18)	7.1 (15.6)					5.6 (12.3)	6.5 (14.3)	4.8 (10.5)	
58 (190'3")		6.3 (13.8)	7.0 (15.4)	7.8 (17.1)	6.6 (14.5)					5.2 (11.4)	6.1 (13.4)	4.4 (9.7)	
60 (196'10")			6.7 (14.7)	7.4 (16.3)	6.3 (13.8)	5.1 (11.2)					5.7 (12.5)	4.2 (9.2)	
62 (203'5")			6.4 (14.1)	7.0 (15.4)	5.9 (13)	4.7 (10.3)					5.2 (11.4)	3.9 (8.5)	
64 (209'12")				6.7 (14.7)	5.6 (12.3)	4.4 (9.7)						3.7 (8.1)	
66 (216'6")				6.4 (14.1)	5.3 (11.6)	4.2 (9.2)						3.5 (7.7)	
68 (223'1")					5.0 (11)	3.9 (8.5)						3.3 (7.2)	
70 (229'8")					4.7 (10.3)	3.7 (8.1)						3.1 (6.8)	
72 (236'3")						3.5 (7.7)							
74 (242'9")						3.3 (7.2)							

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	49.5											
	(ft)	(162'5")											
Length of jib	(m)	58					61						
	(ft)	(190'3")					(200'2")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
20 (65'7")													
22 (72'2")	11.6 (25.5)							9.5 (20.9)					
24 (78'9")	10.7 (23.5)							8.8 (19.4)					
26 (85'4")	9.8 (21.6)							7.9 (17.4)					
28 (91'10")	8.7 (19.1)							6.7 (14.7)					
30 (98'5")	7.9 (17.4)							5.8 (12.7)					
32 (104'12")	7.0 (15.4)	9.4 (20.7)						4.9 (10.8)	7.7 (16.9)				
34 (111'7")	6.3 (13.8)	8.8 (19.4)						4.2 (9.2)	7.1 (15.6)				
36 (118'1")	5.6 (12.3)	8.2 (18)						3.5 (7.7)	6.6 (14.5)				
38 (124'8")	5.0 (11)	7.5 (16.5)						2.8 (6.1)	5.9 (13)				
40 (131'3")	4.4 (9.7)	6.8 (14.9)	8.2 (18)					2.1 (4.6)	5.2 (11.4)	6.6 (14.5)			
42 (137'10")	3.7 (8.1)	6.2 (13.6)	7.6 (16.7)						4.6 (10.1)	6.0 (13.2)			
44 (144'4")	2.7 (5.9)	5.6 (12.3)	6.9 (15.2)						4.0 (8.8)	5.3 (11.6)			
46 (150'11")		5.1 (11.2)	6.3 (13.8)						3.5 (7.7)	4.7 (10.3)			
48 (157'6")		4.7 (10.3)	5.7 (12.5)						3.0 (6.6)	4.1 (9)			
50 (164'0")		4.2 (9.2)	5.2 (11.4)	6.4 (14.1)					2.4 (5.2)	3.6 (7.9)	4.8 (10.5)		
52 (170'7")		3.8 (8.3)	4.8 (10.5)	5.8 (12.7)					2.0 (4.4)	3.1 (6.8)	4.2 (9.2)		
54 (177'2")		3.2 (7)	4.3 (9.4)	5.3 (11.6)						2.6 (5.7)	3.6 (7.9)		
56 (183'9")			3.9 (8.5)	4.8 (10.5)						2.1 (4.6)	3.1 (6.8)		
58 (190'3")			3.4 (7.4)	4.4 (9.7)							2.7 (5.9)		
60 (196'10")				3.9 (8.5)							2.1 (4.6)		
62 (203'5")				3.4 (7.4)									
64 (209'12")													
66 (216'6")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	52.5											
	(ft)	(172'3")											
Length of jib	(m)	22						25					
	(ft)	(72'2")						(82'0")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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 (196'10")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	52.5											
	(ft)	(172'3")											
Length of jib	(m)	28					31						
	(ft)	(91'10")					(101'8")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)	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)	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)	13.5 (29.7)			
40 (131'3")				13.5 (29.7)					13.5 (29.7)	13.5 (29.7)			
42 (137'10")					11.6 (25.5)				13.5 (29.7)	13.1 (28.8)	11.5 (25.3)		
44 (144'4")					10.9 (24)					12.2 (26.8)	10.8 (23.8)		
46 (150'11")						8.9 (19.6)				11.5 (25.3)	10.1 (22.2)		
48 (157'6")						8.3 (18.2)					9.6 (21.1)	8.2 (18)	
50 (164'0")						7.7 (16.9)					9.0 (19.8)	7.7 (16.9)	
52 (170'7")												7.2 (15.8)	
54 (177'2")													6.8 (14.9)
56 (183'9")													
58 (190'3")													
60 (196'10")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	52.5											
	(ft)	(172'3")											
Length of jib	(m)	34					37						
	(ft)	(111'7")					(121'5")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
12 (39'4")													
14 (45'11")													
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)					
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)	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)	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)	12.7 (27.9)					13.5 (29.7)	13.5 (29.7)	12.3 (27.1)		
44 (144'4")				12.0 (26.4)	10.6 (23.3)				13.5 (29.7)	13.3 (29.3)	11.7 (25.7)	10.3 (22.7)	
46 (150'11")				11.3 (24.9)	9.9 (21.8)					12.5 (27.5)	11.1 (24.4)	9.7 (21.3)	
48 (157'6")					9.4 (20.7)					11.8 (26)	10.5 (23.1)	9.3 (20.5)	
50 (164'0")					8.9 (19.6)						9.9 (21.8)	8.8 (19.4)	
52 (170'7")						7.0 (15.4)					9.4 (20.7)	8.3 (18.2)	6.8 (14.9)
54 (177'2")						6.6 (14.5)						7.8 (17.1)	6.4 (14.1)
56 (183'9")						6.2 (13.6)						7.3 (16)	6.0 (13.2)
58 (190'3")													5.6 (12.3)
60 (196'10")													5.3 (11.6)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	52.5											
	(ft)	(172'3")											
Length of jib	(m)	40						43					
	(ft)	(131'3")						(141'1")					
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
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)						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)				
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)	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)	13.5 (29.7)	13.5 (29.7)	13.1 (28.8)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.2 (29.1)		
42 (137'10")		13.5 (29.7)	13.5 (29.7)	12.4 (27.3)				12.4 (27.3)	13.5 (29.7)	13.5 (29.7)	12.4 (27.3)		
44 (144'4")		13.5 (29.7)	13.2 (29.1)	11.7 (25.7)				11.5 (25.3)	13.5 (29.7)	13.1 (28.8)	11.7 (25.7)		
46 (150'11")			12.4 (27.3)	11.2 (24.6)					13.3 (29.3)	12.3 (27.1)	11.2 (24.6)		
48 (157'6")			11.7 (25.7)	10.5 (23.1)	9.1 (20)				12.2 (26.8)	11.6 (25.5)	10.5 (23.1)	8.9 (19.6)	
50 (164'0")				9.9 (21.8)	8.5 (18.7)				11.3 (24.9)	11.0 (24.2)	10.0 (22)	8.3 (18.2)	
52 (170'7")				9.4 (20.7)	8.0 (17.6)					10.4 (22.9)	9.4 (20.7)	7.8 (17.1)	
54 (177'2")					7.5 (16.5)					9.9 (21.8)	9.0 (19.8)	7.3 (16)	
56 (183'9")					7.1 (15.6)	5.9 (13)					8.5 (18.7)	6.8 (14.9)	5.7 (12.5)
58 (190'3")						5.5 (12.1)					8.1 (17.8)	6.5 (14.3)	5.4 (11.9)
60 (196'10")						5.2 (11.4)						6.1 (13.4)	5.1 (11.2)
62 (203'5")						4.8 (10.5)						5.8 (12.7)	4.7 (10.3)
64 (209'12")													4.5 (9.9)
66 (216'6")													4.2 (9.2)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	52.5											
	(ft)	(172'3")											
Length of jib	(m)	46					49						
	(ft)	(150'11")					(160'9")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)					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)					12.7 (27.9)	13.5 (29.7)				
36 (118'1")		13.5 (29.7)	13.5 (29.7)					11.9 (26.2)	13.5 (29.7)				
38 (124'8")		12.9 (28.4)	13.5 (29.7)	13.5 (29.7)				11.2 (24.6)	12.9 (28.4)	13.5 (29.7)			
40 (131'3")		12.0 (26.4)	13.5 (29.7)	13.5 (29.7)				10.4 (22.9)	12.2 (26.8)	12.6 (27.7)			
42 (137'10")		11.1 (24.4)	13.5 (29.7)	13.0 (28.6)				9.7 (21.3)	11.6 (25.5)	11.9 (26.2)			
44 (144'4")		10.3 (22.7)	12.5 (27.5)	12.1 (26.6)				9.1 (20)	10.7 (23.5)	11.2 (24.6)			
46 (150'11")		9.2 (20.2)	11.7 (25.7)	11.5 (25.3)	10.9 (24)			8.3 (18.2)	10.1 (22.2)	10.6 (23.3)	10.5 (23.1)		
48 (157'6")			10.8 (23.8)	10.8 (23.8)	10.2 (22.4)				9.5 (20.9)	10.0 (22)	10.0 (22)		
50 (164'0")			10.1 (22.2)	10.2 (22.4)	9.7 (21.3)				8.9 (19.6)	9.5 (20.9)	9.5 (20.9)		
52 (170'7")				9.7 (21.3)	9.2 (20.2)					9.0 (19.8)	9.0 (19.8)		
54 (177'2")				9.2 (20.2)	8.8 (19.4)	7.2 (15.8)				8.5 (18.7)	8.6 (18.9)	7.1 (15.6)	
56 (183'9")					8.3 (18.2)	6.7 (14.7)					8.1 (17.8)	6.6 (14.5)	
58 (190'3")					7.9 (17.4)	6.4 (14.1)					7.7 (16.9)	6.3 (13.8)	
60 (196'10")						6.0 (13.2)						5.9 (13)	
62 (203'5")						5.7 (12.5)	4.5 (9.9)					5.5 (12.1)	4.4 (9.7)
64 (209'12")							4.3 (9.4)						4.1 (9)
66 (216'6")							4.0 (8.8)						3.8 (8.3)
68 (223'1")													3.6 (7.9)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	52.5											
	(ft)	(172'3")											
Length of jib	(m)	52					55						
	(ft)	(170'7")					(180'5")						
Angle of main boom(°)													
Load radius (m) / (ft)		88	83	78	73	68	63	88	83	78	73	68	63
20 (65'7")	13.5 (29.7)												
22 (72'2")	13.5 (29.7)							13.5 (29.7)					
24 (78'9")	13.5 (29.7)							12.7 (27.9)					
26 (85'4")	13.5 (29.7)							11.7 (25.7)					
28 (91'10")	12.8 (28.2)	13.5 (29.7)						10.8 (23.8)					
30 (98'5")	11.9 (26.2)	13.5 (29.7)						9.9 (21.8)					
32 (104'12")	11.2 (24.6)	13.1 (28.8)						9.1 (20)	11.3 (24.9)				
34 (111'7")	10.5 (23.1)	12.2 (26.8)						8.4 (18.5)	10.5 (23.1)				
36 (118'1")	9.9 (21.8)	11.4 (25.1)						7.8 (17.1)	9.9 (21.8)				
38 (124'8")	9.4 (20.7)	10.7 (23.5)	12.4 (27.3)					7.2 (15.8)	9.2 (20.2)				
40 (131'3")	8.9 (19.6)	10.1 (22.2)	11.6 (25.5)					6.6 (14.5)	8.5 (18.7)	10.0 (22)			
42 (137'10")	8.4 (18.5)	9.6 (21.1)	10.9 (24)					6.0 (13.2)	8.0 (17.6)	9.4 (20.7)			
44 (144'4")	8.0 (17.6)	9.0 (19.8)	10.3 (22.7)						7.3 (16)	8.7 (19.1)			
46 (150'11")	7.5 (16.5)	8.6 (18.9)	9.7 (21.3)	10.2 (22.4)					6.9 (15.2)	8.1 (17.8)			
48 (157'6")	7.1 (15.6)	8.1 (17.8)	9.2 (20.2)	9.7 (21.3)					6.4 (14.1)	7.5 (16.5)			
50 (164'0")	6.8 (14.9)	7.7 (16.9)	8.7 (19.1)	9.2 (20.2)					6.0 (13.2)	7.0 (15.4)	7.8 (17.1)		
52 (170'7")	6.5 (14.3)	7.3 (16)	8.3 (18.2)	8.8 (19.4)					5.6 (12.3)	6.6 (14.5)	7.3 (16)		
54 (177'2")	6.2 (13.6)	6.9 (15.2)	7.9 (17.4)	8.4 (18.5)	7.0 (15.4)				5.2 (11.4)	6.1 (13.4)	6.9 (15.2)		
56 (183'9")		6.6 (14.5)	7.4 (16.3)	8.0 (17.6)	6.5 (14.3)					5.7 (12.5)	6.4 (14.1)	4.4 (9.7)	
58 (190'3")		6.3 (13.8)	7.1 (15.6)	7.5 (16.5)	6.1 (13.4)					5.4 (11.9)	6.0 (13.2)	4.1 (9)	
60 (196'10")			6.7 (14.7)	7.1 (15.6)	5.8 (12.7)					4.9 (10.8)	5.5 (12.1)	3.9 (8.5)	
62 (203'5")			6.5 (14.3)	6.8 (14.9)	5.4 (11.9)	4.2 (9.2)					5.2 (11.4)	3.6 (7.9)	
64 (209'12")				6.4 (14.1)	5.1 (11.2)	3.9 (8.5)					4.8 (10.5)	3.4 (7.4)	
66 (216'6")				6.1 (13.4)	4.8 (10.5)	3.6 (7.9)						3.2 (7)	
68 (223'1")					4.5 (9.9)	3.4 (7.4)						3.0 (6.6)	
70 (229'8")					4.3 (9.4)	3.2 (7)						2.9 (6.3)	
72					4.1 (9)	3.0 (6.6)						2.7 (5.9)	
74						2.8 (6.1)							
76						2.6 (5.7)							

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	52.5											
	(ft)	(172'3")											
Length of jib	(m)	58						61					
	(ft)	(190'3")						(200'2")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
20 (65'7")													
22 (72'2")	11.7 (25.7)							9.6 (21.1)					
24 (78'9")	10.7 (23.5)							8.8 (19.4)					
26 (85'4")	9.8 (21.6)							7.9 (17.4)					
28 (91'10")	8.8 (19.4)							6.8 (14.9)					
30 (98'5")	7.9 (17.4)							5.8 (12.7)					
32 (104'12")	7.1 (15.6)	9.5 (20.9)						5.0 (11)	7.8 (17.1)				
34 (111'7")	6.3 (13.8)	8.8 (19.4)						4.2 (9.2)	7.1 (15.6)				
36 (118'1")	5.6 (12.3)	8.3 (18.2)						3.5 (7.7)	6.7 (14.7)				
38 (124'8")	5.0 (11)	7.7 (16.9)						2.8 (6.1)	6.1 (13.4)				
40 (131'3")	4.4 (9.7)	7.0 (15.4)	8.4 (18.5)					2.1 (4.6)	5.4 (11.9)	6.8 (14.9)			
42 (137'10")	3.7 (8.1)	6.3 (13.8)	7.9 (17.4)						4.7 (10.3)	6.3 (13.8)			
44 (144'4")		5.7 (12.5)	7.2 (15.8)						4.1 (9)	5.6 (12.3)			
46 (150'11")		5.2 (11.4)	6.5 (14.3)						3.6 (7.9)	4.9 (10.8)			
48 (157'6")		4.7 (10.3)	5.9 (13)						3.1 (6.8)	4.3 (9.4)			
50 (164'0")		4.3 (9.4)	5.3 (11.6)	6.4 (14.1)					2.6 (5.7)	3.7 (8.1)	5.0 (11)		
52 (170'7")		3.9 (8.5)	4.9 (10.8)	5.8 (12.7)					2.1 (4.6)	3.2 (7)	4.4 (9.7)		
54 (177'2")		3.4 (7.4)	4.4 (9.7)	5.4 (11.9)						2.7 (5.9)	3.9 (8.5)		
56 (183'9")			4.0 (8.8)	4.8 (10.5)						2.2 (4.8)	3.3 (7.2)		
58 (190'3")			3.6 (7.9)	4.4 (9.7)						1.8 (3.9)	2.9 (6.3)		
60 (196'10")			3.1 (6.8)	3.9 (8.5)							2.3 (5)		
62 (203'5")				3.6 (7.9)							1.9 (4.1)		
64 (209'12")				3.1 (6.8)									
66 (216'6")													
68 (223'1")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	55.5											
	(ft)	(182'1")											
Length of jib	(m)	22					25						
	(ft)	(72'2")					(82'0")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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 (196'10")													
62													



Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	55.5											
	(ft)	(182'1")											
Length of jib	(m)	28					31						
	(ft)	(91'10")					(101'8")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
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)					
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)	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)			
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)	13.5 (29.7)		
40 (131'3")					13.4 (29.5)					13.5 (29.7)	13.1 (28.8)		
42 (137'10")					12.6 (27.7)	11.1 (24.4)				13.5 (29.7)	12.4 (27.3)	10.8 (23.8)	
44 (144'4")						10.4 (22.9)					11.8 (26)	10.1 (22.2)	
46 (150'11")						9.7 (21.3)					11.1 (24.4)	9.5 (20.9)	
48 (157'6")							7.6 (16.7)				10.5 (23.1)	8.9 (19.6)	7.4 (16.3)
50 (164'0")							7.1 (15.6)					8.4 (18.5)	6.9 (15.2)
52 (170'7")							6.7 (14.7)					7.9 (17.4)	6.5 (14.3)
54 (177'2")													6.1 (13.4)
56 (183'9")													5.7 (12.5)
58 (190'3")													
60 (196'10")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	55.5											
	(ft)	(182'1")											
Length of jib	(m)	34					37						
	(ft)	(111'7")					(121'5")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
14 (45'11")													
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)					
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)				
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)	13.5 (29.7)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)	13.1 (28.8)		
40 (131'3")			13.5 (29.7)	12.7 (27.9)				13.5 (29.7)	13.5 (29.7)	12.3 (27.1)			
42 (137'10")			13.5 (29.7)	12.0 (26.4)				13.5 (29.7)	13.4 (29.5)	11.6 (25.5)			
44 (144'4")				11.4 (25.1)				13.5 (29.7)	12.6 (27.7)	11.0 (24.2)			
46 (150'11")				10.8 (23.8)	9.2 (20.2)				12.0 (26.4)	10.4 (22.9)	9.0 (19.8)		
48 (157'6")				10.3 (22.7)	8.7 (19.1)				11.5 (25.3)	10.0 (22)	8.5 (18.7)		
50 (164'0")					8.2 (18)					9.5 (20.9)	8.1 (17.8)		
52 (170'7")					7.8 (17.1)	6.3 (13.8)				9.0 (19.8)	7.7 (16.9)	6.1 (13.4)	
54 (177'2")						5.9 (13)				8.6 (18.9)	7.2 (15.8)	5.7 (12.5)	
56 (183'9")						5.5 (12.1)					6.8 (14.9)	5.3 (11.6)	
58 (190'3")						5.2 (11.4)					6.4 (14.1)	5.0 (11)	
60 (196'10")												4.7 (10.3)	
62 (203'5")												4.4 (9.7)	
64 (209'12")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	55.5											
	(ft)	(182'1")											
Length of jib	(m)	40					43						
	(ft)	(131'3")					(141'1")						
Angle of main boom(°)													
Load radius (m) / (ft)		88	83	78	73	68	63	88	83	78	73	68	63
16 (52'6")													
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)						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)				
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)	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)	13.5 (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)	13.4 (29.5)	11.7 (25.7)				12.5 (27.5)	13.5 (29.7)	13.4 (29.5)	11.8 (26)		
44 (144'4")		13.5 (29.7)	12.7 (27.9)	11.1 (24.4)				11.5 (25.3)	13.5 (29.7)	12.8 (28.2)	11.1 (24.4)		
46 (150'11")			12.0 (26.4)	10.5 (23.1)					13.4 (29.5)	12.0 (26.4)	10.6 (23.3)		
48 (157'6")			11.5 (25.3)	10.0 (22)					12.4 (27.3)	11.4 (25.1)	10.1 (22.2)		
50 (164'0")				9.5 (20.9)	7.9 (17.4)				11.4 (25.1)	10.7 (23.5)	9.6 (21.1)	7.7 (16.9)	
52 (170'7")				9.0 (19.8)	7.4 (16.3)					10.2 (22.4)	9.1 (20)	7.1 (15.6)	
54 (177'2")				8.6 (18.9)	7.0 (15.4)					9.7 (21.3)	8.6 (18.9)	6.7 (14.7)	
56 (183'9")					6.6 (14.5)	5.2 (11.4)					8.2 (18)	6.3 (13.8)	5.1 (11.2)
58 (190'3")					6.2 (13.6)	4.8 (10.5)					7.8 (17.1)	5.9 (13)	4.7 (10.3)
60 (196'10")						4.5 (9.9)					7.3 (16)	5.6 (12.3)	4.4 (9.7)
62 (203'5")						4.2 (9.2)						5.2 (11.4)	4.1 (9)
64 (209'12")												5.0 (11)	3.9 (8.5)
66 (216'6")													3.6 (7.9)
68 (223'1")													3.4 (7.4)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	55.5											
	(ft)	(182'1")											
Length of jib	(m)	46					49						
	(ft)	(150'11")					(160'9")						
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
18 (59'1")													
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)						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)						12.8 (28.2)	13.5 (29.7)				
36 (118'1")	13.5 (29.7)	13.5 (29.7)						11.9 (26.2)	13.5 (29.7)				
38 (124'8")	12.9 (28.4)	13.5 (29.7)	13.5 (29.7)					11.2 (24.6)	12.8 (28.2)	13.4 (29.5)			
40 (131'3")	12.0 (26.4)	13.5 (29.7)	13.4 (29.5)					10.4 (22.9)	12.1 (26.6)	12.6 (27.7)			
42 (137'10")	11.2 (24.6)	13.3 (29.3)	12.6 (27.7)					9.8 (21.6)	11.4 (25.1)	11.9 (26.2)			
44 (144'4")	10.3 (22.7)	12.6 (27.7)	12.0 (26.4)					9.1 (20)	10.8 (23.8)	11.3 (24.9)			
46 (150'11")		11.8 (26)	11.3 (24.9)	10.3 (22.7)					10.2 (22.4)	10.6 (23.3)	10.0 (22)		
48 (157'6")		11.0 (24.2)	10.7 (23.5)	9.8 (21.6)					9.6 (21.1)	10.1 (22.2)	9.5 (20.9)		
50 (164'0")		10.2 (22.4)	10.1 (22.2)	9.3 (20.5)					9.0 (19.8)	9.5 (20.9)	9.0 (19.8)		
52 (170'7")			9.6 (21.1)	8.8 (19.4)						9.0 (19.8)	8.5 (18.7)		
54 (177'2")			9.1 (20)	8.3 (18.2)	6.6 (14.5)					8.5 (18.7)	8.1 (17.8)	6.5 (14.3)	
56 (183'9")				7.9 (17.4)	6.2 (13.6)						7.7 (16.9)	6.1 (13.4)	
58 (190'3")				7.5 (16.5)	5.8 (12.7)						7.3 (16)	5.7 (12.5)	
60 (196'10")				7.1 (15.6)	5.5 (12.1)						6.9 (15.2)	5.3 (11.6)	
62 (203'5")					5.1 (11.2)	3.9 (8.5)						5.0 (11)	3.7 (8.1)
64 (209'12")					4.9 (10.8)	3.7 (8.1)						4.7 (10.3)	3.5 (7.7)
66 (216'6")						3.4 (7.4)							3.2 (7)
68 (223'1")						3.0 (6.6)							2.8 (6.1)
70 (229'8")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	55.5											
	(ft)	(182'1")											
Length of jib	(m)	52					55						
	(ft)	(170'7")					(180'5")						
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
18 (59'1")													
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)						12.7 (27.9)					
26 (85'4")		13.5 (29.7)						11.7 (25.7)					
28 (91'10")		12.8 (28.2)	13.5 (29.7)					10.9 (24)	13.1 (28.8)				
30 (98'5")		11.9 (26.2)	13.5 (29.7)					10.2 (22.4)	12.1 (26.6)				
32 (104'12")		11.2 (24.6)	13.2 (29.1)					9.6 (21.1)	11.3 (24.9)				
34 (111'7")		10.5 (23.1)	12.3 (27.1)					8.8 (19.4)	10.6 (23.3)				
36 (118'1")		9.9 (21.8)	11.5 (25.3)					8.4 (18.5)	9.8 (21.6)				
38 (124'8")		9.4 (20.7)	10.8 (23.8)	12.6 (27.7)				7.9 (17.4)	9.2 (20.2)	10.8 (23.8)			
40 (131'3")		8.9 (19.6)	10.2 (22.4)	11.8 (26)				7.3 (16)	8.6 (18.9)	10.1 (22.2)			
42 (137'10")		8.4 (18.5)	9.6 (21.1)	11.1 (24.4)				6.9 (15.2)	8.1 (17.8)	9.5 (20.9)			
44 (144'4")		8.0 (17.6)	9.1 (20)	10.5 (23.1)				6.5 (14.3)	7.5 (16.5)	8.8 (19.4)			
46 (150'11")		7.5 (16.5)	8.6 (18.9)	9.9 (21.8)	9.7 (21.3)			6.1 (13.4)	7.1 (15.6)	8.3 (18.2)	9.6 (21.1)		
48 (157'6")		7.1 (15.6)	8.2 (18)	9.4 (20.7)	9.2 (20.2)			5.6 (12.3)	6.6 (14.5)	7.9 (17.4)	8.1 (17.8)		
50 (164'0")		6.8 (14.9)	7.8 (17.1)	8.9 (19.6)	8.7 (19.1)			5.4 (11.9)	6.3 (13.8)	7.3 (16)	7.5 (16.5)		
52 (170'7")		6.5 (14.3)	7.3 (16)	8.4 (18.5)	8.3 (18.2)			4.4 (9.7)	5.8 (12.7)	6.9 (15.2)	7.2 (15.8)		
54 (177'2")		6.2 (13.6)	7.0 (15.4)	8.0 (17.6)	7.9 (17.4)	6.4 (14.1)		4.3 (9.4)	5.5 (12.1)	6.4 (14.1)	6.7 (14.7)		
56 (183'9")			6.6 (14.5)	7.5 (16.5)	7.4 (16.3)	6.0 (13.2)			4.4 (9.7)	6.1 (13.4)	6.3 (13.8)	6.7 (14.7)	
58 (190'3")			6.4 (14.1)	7.1 (15.6)	7.1 (15.6)	5.6 (12.3)			4.3 (9.4)	5.6 (12.3)	5.9 (13)	5.2 (11.4)	
60 (196'10")				6.8 (14.9)	6.7 (14.7)	5.2 (11.4)			3.5 (7.7)	5.4 (11.9)	5.6 (12.3)	4.8 (10.5)	
62 (203'5")				6.5 (14.3)	6.4 (14.1)	4.9 (10.8)	3.6 (7.9)			4.3 (9.4)	5.2 (11.4)	4.4 (9.7)	
64 (209'12")				6.3 (13.8)	6.0 (13.2)	4.6 (10.1)	3.3 (7.2)			3.5 (7.7)	4.8 (10.5)	4.2 (9.2)	3.7 (8.1)
66 (216'6")					5.7 (12.5)	4.3 (9.4)	3.1 (6.8)			3.4 (7.4)	4.2 (9.2)	3.8 (8.3)	3.3 (7.2)
68 (223'1")					5.4 (11.9)	4.1 (9)					4.2 (9.2)	3.6 (7.9)	3.0 (6.6)
70 (229'8")						3.8 (8.3)					3.3 (7.2)	3.0 (6.6)	
72 (236'3")						3.6 (7.9)							
74 (242'9")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	55.5											
	(ft)	(182'1")											
Length of jib	(m)	58					61						
	(ft)	(190'3")					(200'2")						
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
18 (59'1")													
20 (65'7")	11.9 (26.2)							9.2 (20.2)					
22 (72'2")	11.2 (24.6)							8.9 (19.6)					
24 (78'9")	10.6 (23.3)							8.5 (18.7)					
26 (85'4")	9.7 (21.3)							7.7 (16.9)					
28 (91'10")	9.1 (20)	10.8 (23.8)						7.3 (16)	8.6 (18.9)				
30 (98'5")	8.4 (18.5)	9.9 (21.8)						6.6 (14.5)	7.8 (17.1)				
32 (104'12")	7.9 (17.4)	9.4 (20.7)						6.3 (13.8)	7.5 (16.5)				
34 (111'7")	7.2 (15.8)	8.8 (19.4)						5.5 (12.1)	7.1 (15.6)				
36 (118'1")	6.8 (14.9)	8.1 (17.8)						5.3 (11.6)	6.4 (14.1)				
38 (124'8")	6.5 (14.3)	7.7 (16.9)	9.0 (19.8)					5.0 (11)	6.1 (13.4)	7.2 (15.8)			
40 (131'3")	5.8 (12.7)	6.9 (15.2)	8.3 (18.2)					4.3 (9.4)	5.3 (11.6)	6.5 (14.3)			
42 (137'10")	5.5 (12.1)	6.6 (14.5)	7.8 (17.1)					4.1 (9)	5.1 (11.2)	6.2 (13.6)			
44 (144'4")	5.0 (11)	6.0 (13.2)	7.1 (15.6)					3.5 (7.7)	4.4 (9.7)	5.4 (11.9)			
46 (150'11")	4.7 (10.3)	5.7 (12.5)	6.8 (14.9)	7.1 (15.6)				3.3 (7.2)	4.2 (9.2)	5.2 (11.4)			
48 (157'6")	4.1 (9)	5.1 (11.2)	6.4 (14.1)	7.0 (15.4)				2.6 (5.7)	3.5 (7.7)	4.9 (10.8)	5.9 (13)		
50 (164'0")	3.9 (8.5)	4.8 (10.5)	5.8 (12.7)	6.4 (14.1)				2.5 (5.5)	3.3 (7.2)	4.2 (9.2)	5.2 (11.4)		
52 (170'7")	2.6 (5.7)	4.2 (9.2)	5.5 (12.1)	6.1 (13.4)					2.7 (5.9)	4.0 (8.8)	5.0 (11)		
54 (177'2")	2.1 (4.6)	4.0 (8.8)	4.9 (10.8)	5.5 (12.1)					2.5 (5.5)	3.4 (7.4)	4.3 (9.4)		
56 (183'9")		2.7 (5.9)	4.6 (10.1)	5.2 (11.4)	5.8 (12.7)					3.2 (7)	4.1 (9)		
58 (190'3")		2.1 (4.6)	4.1 (9)	4.6 (10.1)	4.7 (10.3)					2.6 (5.7)	3.4 (7.4)	4.3 (9.4)	
60 (196'10")			3.9 (8.5)	4.4 (9.7)	4.5 (9.9)					2.4 (5.2)	3.2 (7)	4.1 (9)	
62 (203'5")			2.6 (5.7)	3.9 (8.5)	4.0 (8.8)						2.6 (5.7)	3.5 (7.7)	
64 (209'12")			2.0 (4.4)	3.7 (8.1)	3.7 (8.1)	4.1 (9)					2.5 (5.5)	3.3 (7.2)	
66 (216'6")				2.6 (5.7)	3.2 (7)	3.6 (7.9)						2.7 (5.9)	3.9 (8.5)
68 (223'1")				2.0 (4.4)	3.0 (6.6)	3.1 (6.8)						2.5 (5.5)	3.3 (7.2)
70 (229'8")					2.7 (5.9)	2.9 (6.3)							3.1 (6.8)
72 (236'3")						2.4 (5.2)							2.5 (5.5)
74 (242'9")													2.3 (5)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	58.5											
	(ft)	(191'11")											
Length of jib	(m)	22					25						
	(ft)	(72'2")					(82'0")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
14	13.5							13.5					
(45'11")	(29.7)							(29.7)					
16	13.5							13.5					
(52'6")	(29.7)							(29.7)					
18	13.5	13.5						13.5					
(59'1")	(29.7)	(29.7)						(29.7)					
20	13.5	13.5						13.5	13.5				
(65'7")	(29.7)	(29.7)						(29.7)	(29.7)				
22	13.5	13.5						13.5	13.5				
(72'2")	(29.7)	(29.7)						(29.7)	(29.7)				
24	13.5	13.5						13.5	13.5				
(78'9")	(29.7)	(29.7)						(29.7)	(29.7)				
26		13.5	13.5					13.5	13.5	13.5			
(85'4")		(29.7)	(29.7)					(29.7)	(29.7)	(29.7)			
28		13.5	13.5					13.5	13.5	13.5			
(91'10")		(29.7)	(29.7)					(29.7)	(29.7)	(29.7)			
30		13.5	13.5						13.5	13.5			
(98'5")		(29.7)	(29.7)						(29.7)	(29.7)			
32			13.5	13.5					13.5	13.5			
(104'12")			(29.7)	(29.7)					(29.7)	(29.7)			
34			13.5	13.5						13.5	13.5		
(111'7")			(29.7)	(29.7)						(29.7)	(29.7)		
36				13.5						13.5	13.5		
(118'1")				(29.7)						(29.7)	(29.7)		
38				13.5	12.1					13.5	13.5		
(124'8")				(29.7)	(26.6)					(29.7)	(29.7)		
40				13.4	11.4						13.5	11.5	
(131'3")				(29.5)	(25.1)						(29.7)	(25.3)	
42					10.8						12.5	10.8	
(137'10")					(23.8)						(27.5)	(23.8)	
44					10.2	8.7						10.0	
(144'4")					(22.4)	(19.1)						(22)	
46						8.2						9.4	7.8
(150'11")						(18)						(20.7)	(17.1)
48						7.5						8.8	7.2
(157'6")						(16.5)						(19.4)	(15.8)
50													6.8
(164'0")													(14.9)
52													6.3
(170'7")													(13.8)
54													
(177'2")													
56													
(183'9")													
58													
(190'3")													
60													
(196'10")													
62													
(203'5")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	58.5											
	(ft)	(191'11")											
Length of jib	(m)	28					31						
	(ft)	(91'10")					(101'8")						
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
14	13.5							13.5					
(45'11")	(29.7)							(29.7)					
16	13.5							13.5					
(52'6")	(29.7)							(29.7)					
18	13.5							13.5					
(59'1")	(29.7)							(29.7)					
20	13.5							13.5					
(65'7")	(29.7)							(29.7)					
22	13.5	13.5						13.5	13.5				
(72'2")	(29.7)	(29.7)						(29.7)	(29.7)				
24	13.5	13.5						13.5	13.5				
(78'9")	(29.7)	(29.7)						(29.7)	(29.7)				
26	13.5	13.5						13.5	13.5				
(85'4")	(29.7)	(29.7)						(29.7)	(29.7)				
28	13.5	13.5						13.5	13.5				
(91'10")	(29.7)	(29.7)						(29.7)	(29.7)				
30		13.5	13.5					13.5	13.5	13.5			
(98'5")		(29.7)	(29.7)					(29.7)	(29.7)	(29.7)			
32		13.5	13.5					13.5	13.5	13.5			
(104'12")		(29.7)	(29.7)					(29.7)	(29.7)	(29.7)			
34			13.5					13.5	13.5	13.5			
(111'7")			(29.7)					(29.7)	(29.7)	(29.7)			
36			13.5	13.5				13.5	13.5	13.5			
(118'1")			(29.7)	(29.7)				(29.7)	(29.7)	(29.7)			
38			13.5	13.5				13.5	13.5	13.3			
(124'8")			(29.7)	(29.7)				(29.7)	(29.7)	(29.3)			
40				13.0					13.5	12.4			
(131'3")				(28.6)					(29.7)	(27.3)			
42				12.2					13.5	11.8			
(137'10")				(26.8)					(29.7)	(26)			
44					9.8				13.1	11.2	9.6		
(144'4")					(21.6)				(28.8)	(24.6)	(21.1)		
46					9.2					10.7	9.1		
(150'11")					(20.2)					(23.5)	(20)		
48					8.7					10.2	8.6		
(157'6")					(19.1)					(22.4)	(18.9)		
50						6.5					8.1	6.2	
(164'0")						(14.3)					(17.8)	(13.6)	
52						6.1					7.5	5.8	
(170'7")						(13.4)					(16.5)	(12.7)	
54						5.2						5.5	
(177'2")						(11.4)						(12.1)	
56												5.1	
(183'9")												(11.2)	
58												4.8	
(190'3")												(10.5)	
60													
(196'10")													
62													
(203'5")													

Load Charts of extension Jib for LJ Operating condition

(not including boom hook, counterweight (187.8+12.8)×1000lb)

Unit:kg(lb)×1000

Length of main boom	(m)	58.5											
	(ft)	(191'11")											
Length of jib	(m)	34						37					
	(ft)	(111'7")						(121'5")					
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
14	(45'11")												
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)					
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)				
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)				13.5 (29.7)	13.5 (29.7)	13.5 (29.7)			
40	(131'3")			13.5 (29.7)	12.5 (27.5)			13.5 (29.7)	13.5 (29.7)	12.6 (27.7)			
42	(137'10")			13.5 (29.7)	11.9 (26.2)			13.5 (29.7)	13.5 (29.7)	11.9 (26.2)			
44	(144'4")			13.0 (28.6)	11.2 (24.6)			13.5 (29.7)	12.9 (28.4)	11.2 (24.6)			
46	(150'11")				10.7 (23.5)	8.9 (19.6)				12.1 (26.6)	10.6 (23.3)	8.7 (19.1)	
48	(157'6")				10.1 (22.2)	8.4 (18.5)				11.4 (25.1)	10.0 (22)	8.2 (18)	
50	(164'0")					7.9 (17.4)				10.8 (23.8)	9.4 (20.7)	7.7 (16.9)	
52	(170'7")					7.3 (16)					8.9 (19.6)	7.1 (15.6)	
54	(177'2")						5.3 (11.6)				8.5 (18.7)	6.7 (14.7)	5.1 (11.2)
56	(183'9")						4.9 (10.8)					6.3 (13.8)	4.7 (10.3)
58	(190'3")						4.6 (10.1)					5.9 (13)	4.4 (9.7)
60	(196'10")						4.3 (9.4)						4.1 (9)
62	(203'5")												3.9 (8.5)
64	(209'12")												3.6 (7.9)
66	(216'6")												
68	(223'1")												
70	(229'8")												

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	58.5											
	(ft)	(191'11")											
Length of jib	(m)	40					43						
	(ft)	(131'3")					(141'1")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
14													
(45'11")													
16		13.5						13.5					
(52'6")		(29.7)						(29.7)					
18		13.5						13.5					
(59'1")		(29.7)						(29.7)					
20		13.5						13.5					
(65'7")		(29.7)						(29.7)					
22		13.5						13.5					
(72'2")		(29.7)						(29.7)					
24		13.5	13.5					13.5	13.5				
(78'9")		(29.7)	(29.7)					(29.7)	(29.7)				
26		13.5	13.5					13.5	13.5				
(85'4")		(29.7)	(29.7)					(29.7)	(29.7)				
28		13.5	13.5					13.5	13.5				
(91'10")		(29.7)	(29.7)					(29.7)	(29.7)				
30		13.5	13.5					13.5	13.5				
(98'5")		(29.7)	(29.7)					(29.7)	(29.7)				
32		13.5	13.5	13.5				13.5	13.5	13.5			
(104'12")		(29.7)	(29.7)	(29.7)				(29.7)	(29.7)	(29.7)			
34		13.5	13.5	13.5				13.5	13.5	13.5			
(111'7")		(29.7)	(29.7)	(29.7)				(29.7)	(29.7)	(29.7)			
36		13.5	13.5	13.5				13.5	13.5	13.5			
(118'1")		(29.7)	(29.7)	(29.7)				(29.7)	(29.7)	(29.7)			
38		13.5	13.5	13.5				13.5	13.5	13.5			
(124'8")		(29.7)	(29.7)	(29.7)				(29.7)	(29.7)	(29.7)			
40			13.5	13.5	11.9			12.5	13.5	13.0	11.2		
(131'3")			(29.7)	(29.7)	(26.2)			(27.5)	(29.7)	(28.6)	(24.6)		
42			13.5	13.0	11.3			11.6	13.5	12.2	10.6		
(137'10")			(29.7)	(28.6)	(24.9)			(25.5)	(29.7)	(26.8)	(23.3)		
44			13.5	12.3	10.7				13.4	11.7	10.1		
(144'4")			(29.7)	(27.1)	(23.5)				(29.5)	(25.7)	(22.2)		
46				11.6	10.1				12.5	11.1	9.6		
(150'11")				(25.5)	(22.2)				(27.5)	(24.4)	(21.1)		
48				11.0	9.5	7.6			11.6	10.5	9.1	7.0	
(157'6")				(24.2)	(20.9)	(16.7)			(25.5)	(23.1)	(20)	(15.4)	
50				10.4	9.0	7.1				10.0	8.7	6.6	
(164'0")				(22.9)	(19.8)	(15.6)				(22)	(19.1)	(14.5)	
52					8.6	6.7				9.5	8.3	6.2	
(170'7")					(18.9)	(14.7)				(20.9)	(18.2)	(13.6)	
54					8.1	6.3				9.0	7.8	5.8	
(177'2")					(17.8)	(13.8)				(19.8)	(17.1)	(12.7)	
56						5.9	4.4				7.3	5.4	4.2
(183'9")						(13)	(9.7)				(16)	(11.9)	(9.2)
58						5.5	4.1				6.9	5.1	3.9
(190'3")						(12.1)	(9)				(15.2)	(11.2)	(8.5)
60							3.8					4.8	3.6
(196'10")							(8.3)					(10.5)	(7.9)
62							3.6					4.5	3.4
(203'5")							(7.9)					(9.9)	(7.4)
64							3.3						3.1
(209'12")							(7.2)						(6.8)
66													2.9
(216'6")													(6.3)
68													
(223'1")													
70													
(229'8")													
72													
(236'3")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	58.5											
	(ft)	(191'11")											
Length of jib	(m)	46					49						
	(ft)	(150'11")					(160'9")						
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
18 (59'1")													
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)						13.5 (29.7)	13.5 (29.7)				
32 (104'12")	13.5 (29.7)	13.5 (29.7)						13.2 (29.1)	13.5 (29.7)				
34 (111'7")	13.5 (29.7)	13.5 (29.7)						12.3 (27.1)	13.5 (29.7)				
36 (118'1")	13.1 (28.8)	13.5 (29.7)						11.5 (25.3)	13.2 (29.1)				
38 (124'8")	12.2 (26.8)	13.5 (29.7)	13.4 (29.5)					10.8 (23.8)	12.4 (27.3)	13.2 (29.1)			
40 (131'3")	11.3 (24.9)	13.3 (29.3)	12.7 (27.9)					10.1 (22.2)	11.8 (26)	12.4 (27.3)			
42 (137'10")	10.5 (23.1)	12.6 (27.7)	11.9 (26.2)					9.5 (20.9)	11.2 (24.6)	11.6 (25.5)			
44 (144'4")		12.0 (26.4)	11.4 (25.1)						10.6 (23.3)	11.1 (24.4)			
46 (150'11")		11.3 (24.9)	10.8 (23.8)						10.0 (22)	10.4 (22.9)			
48 (157'6")		10.5 (23.1)	10.2 (22.4)	8.9 (19.6)					9.4 (20.7)	9.8 (21.6)	8.8 (19.4)		
50 (164'0")			9.7 (21.3)	8.5 (18.7)						9.3 (20.5)	8.3 (18.2)		
52 (170'7")			9.1 (20)	8.1 (17.8)						8.8 (19.4)	7.9 (17.4)		
54 (177'2")			8.7 (19.1)	7.6 (16.7)						8.4 (18.5)	7.5 (16.5)		
56 (183'9")				7.2 (15.8)	5.4 (11.9)						7.1 (15.6)	5.5 (12.1)	
58 (190'3")				6.9 (15.2)	5.1 (11.2)						6.8 (14.9)	5.1 (11.2)	
60 (196'10")					4.8 (10.5)	2.4 (5.2)						4.8 (10.5)	
62 (203'5")					4.5 (9.9)	2.2 (4.8)						4.5 (9.9)	
64 (209'12")						2.0 (4.4)						4.2 (9.2)	
66 (216'6")						1.9 (4.1)							

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	58.5											
	(ft)	(191'11")											
Length of jib	(m)	52					55						
	(ft)	(170'7")					(180'5")						
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
18 (59'1")													
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)						12.5 (27.5)					
26 (85'4")		13.5 (29.7)						11.7 (25.7)					
28 (91'10")		12.9 (28.4)						11.0 (24.2)					
30 (98'5")		12.0 (26.4)	13.5 (29.7)					10.2 (22.4)	12.2 (26.8)				
32 (104'12")		11.2 (24.6)	13.4 (29.5)					9.6 (21.1)	11.4 (25.1)				
34 (111'7")		10.5 (23.1)	12.4 (27.3)					8.8 (19.4)	10.7 (23.5)				
36 (118'1")		9.9 (21.8)	11.6 (25.5)					8.4 (18.5)	9.9 (21.8)				
38 (124'8")		9.4 (20.7)	10.9 (24)	13.0 (28.6)				7.8 (17.1)	9.3 (20.5)	11.1 (24.4)			
40 (131'3")		8.9 (19.6)	10.3 (22.7)	12.1 (26.6)				7.3 (16)	8.7 (19.1)	10.3 (22.7)			
42 (137'10")		8.4 (18.5)	9.7 (21.3)	11.3 (24.9)				6.9 (15.2)	8.2 (18)	9.6 (21.1)			
44 (144'4")		8.0 (17.6)	9.2 (20.2)	10.7 (23.5)				6.5 (14.3)	7.6 (16.7)	9.0 (19.8)			
46 (150'11")		7.5 (16.5)	8.7 (19.1)	10.1 (22.2)				6.1 (13.4)	7.2 (15.8)	8.5 (18.7)			
48 (157'6")		7.1 (15.6)	8.3 (18.2)	9.5 (20.9)	8.7 (19.1)			5.7 (12.5)	6.7 (14.7)	8.0 (17.6)	7.8 (17.1)		
50 (164'0")		6.8 (14.9)	7.8 (17.1)	9.0 (19.8)	8.2 (18)			5.4 (11.9)	6.3 (13.8)	7.4 (16.3)	7.2 (15.8)		
52 (170'7")		6.5 (14.3)	7.4 (16.3)	8.5 (18.7)	7.8 (17.1)			4.4 (9.7)	5.9 (13)	7.0 (15.4)	6.9 (15.2)		
54 (177'2")		6.2 (13.6)	7.0 (15.4)	8.1 (17.8)	7.3 (16)			4.3 (9.4)	5.6 (12.3)	6.5 (14.3)	6.4 (14.1)		
56 (183'9")			6.7 (14.7)	7.7 (16.9)	7.0 (15.4)	5.5 (12.1)		3.4 (7.4)	5.3 (11.6)	6.2 (13.6)	6.1 (13.4)	6.8 (14.9)	
58 (190'3")			6.4 (14.1)	7.2 (15.8)	6.7 (14.7)	5.1 (11.2)			4.3 (9.4)	5.7 (12.5)	5.7 (12.5)	5.0 (11)	
60 (196'10")				6.9 (15.2)	6.4 (14.1)	4.8 (10.5)			3.5 (7.7)	5.5 (12.1)	5.4 (11.9)	4.6 (10.1)	
62 (203'5")				6.6 (14.5)	6.0 (13.2)	4.5 (9.9)			3.4 (7.4)	4.4 (9.7)	4.9 (10.8)	4.3 (9.4)	
64 (209'12")				6.3 (13.8)	5.7 (12.5)	4.2 (9.2)				4.2 (9.2)	4.6 (10.1)	3.9 (8.5)	
66 (216'6")					5.4 (11.9)	3.9 (8.5)					4.4 (9.7)	3.7 (8.1)	
68 (223'1")					5.1 (11.2)	3.7 (8.1)					4.2 (9.2)	3.3 (7.2)	
70 (229'8")						3.4 (7.4)					3.2 (7)	3.0 (6.6)	
72 (236'3")						3.2 (7)						2.3 (5)	
74 (242'9")						3.0 (6.6)							
76 (249'4")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	58.5											
	(ft)	(191'11")											
Length of jib	(m)	58					61						
	(ft)	(190'3")					(200'2")						
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
18 (59'1")													
20 (65'7")		11.9 (26.2)						9.2 (20.2)					
22 (72'2")		11.3 (24.9)						8.9 (19.6)					
24 (78'9")		10.3 (22.7)						8.0 (17.6)					
26 (85'4")		9.7 (21.3)						7.7 (16.9)					
28 (91'10")		9.2 (20.2)						7.4 (16.3)					
30 (98'5")		8.4 (18.5)	10.0 (22)					6.6 (14.5)	7.8 (17.1)				
32 (104'12")		7.9 (17.4)	9.5 (20.9)					6.3 (13.8)	7.5 (16.5)				
34 (111'7")		7.2 (15.8)	8.9 (19.6)					5.5 (12.1)	7.2 (15.8)				
36 (118'1")		6.8 (14.9)	8.1 (17.8)					5.3 (11.6)	6.4 (14.1)				
38 (124'8")		6.2 (13.6)	7.7 (16.9)	9.2 (20.2)				4.6 (10.1)	6.1 (13.4)	7.3 (16)			
40 (131'3")		5.8 (12.7)	7.0 (15.4)	8.4 (18.5)				4.3 (9.4)	5.4 (11.9)	6.5 (14.3)			
42 (137'10")		5.5 (12.1)	6.6 (14.5)	8.0 (17.6)				4.1 (9)	5.1 (11.2)	6.3 (13.8)			
44 (144'4")		5.0 (11)	6.0 (13.2)	7.2 (15.8)				3.5 (7.7)	4.4 (9.7)	5.5 (12.1)			
46 (150'11")		4.7 (10.3)	5.7 (12.5)	6.8 (14.9)				3.3 (7.2)	4.2 (9.2)	5.2 (11.4)			
48 (157'6")		4.2 (9.2)	5.2 (11.4)	6.5 (14.3)	7.0 (15.4)			2.7 (5.9)	3.6 (7.9)	5.0 (11)	6.1 (13.4)		
50 (164'0")		3.9 (8.5)	4.9 (10.8)	5.9 (13)	6.3 (13.8)			2.5 (5.5)	3.4 (7.4)	4.3 (9.4)	5.4 (11.9)		
52 (170'7")		3.4 (7.4)	4.3 (9.4)	5.6 (12.3)	6.0 (13.2)				2.7 (5.9)	4.1 (9)	5.1 (11.2)		
54 (177'2")		2.7 (5.9)	4.1 (9)	5.0 (11)	5.4 (11.9)				2.6 (5.7)	3.5 (7.7)	4.4 (9.7)		
56 (183'9")			3.8 (8.4)	4.8 (10.5)	5.1 (11.2)	6.6 (14.5)			2.4 (5.2)	3.3 (7.2)	4.2 (9.2)		
58 (190'3")			2.8 (6.1)	4.1 (9)	4.6 (10.1)	5.0 (11)				2.6 (5.7)	3.5 (7.7)	4.9 (10.8)	
60 (196'10")				4.0 (8.8)	4.3 (9.4)	4.4 (9.7)				2.5 (5.5)	3.3 (7.2)	4.2 (9.2)	
62 (203'5")				3.4 (7.4)	3.8 (8.3)	4.2 (9.2)					2.7 (5.9)	4.0 (8.8)	
64 (209'12")				2.7 (5.9)	3.6 (7.9)	3.7 (8.1)					2.5 (5.5)	3.4 (7.4)	
66 (216'6")					3.4 (7.4)	3.4 (7.4)					2.4 (5.2)	3.2 (7)	
68 (223'1")					2.6 (5.7)	3.0 (6.6)						2.6 (5.7)	
70 (229'8")						2.7 (5.9)						2.4 (5.2)	
72 (236'3")													
74 (242'9")													
76 (249'4")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	61.5											
	(ft)	(201'9")											
Length of jib	(m)	31						34					
	(ft)	(101'8")						(111'7")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
14	13.5												
(45'11")	(29.7)												
16	13.5							13.5					
(52'6")	(29.7)							(29.7)					
18	13.5							13.5					
(59'1")	(29.7)							(29.7)					
20	13.5							13.5					
(65'7")	(29.7)							(29.7)					
22	13.5	13.5						13.5					
(72'2")	(29.7)	(29.7)						(29.7)					
24	13.5	13.5						13.5	13.5				
(78'9")	(29.7)	(29.7)						(29.7)	(29.7)				
26	13.5	13.5						13.5	13.5				
(85'4")	(29.7)	(29.7)						(29.7)	(29.7)				
28	13.5	13.5						13.5	13.5				
(91'10")	(29.7)	(29.7)						(29.7)	(29.7)				
30	13.5	13.5	13.5					13.5	13.5				
(98'5")	(29.7)	(29.7)	(29.7)					(29.7)	(29.7)				
32	13.5	13.5	13.5					13.5	13.5	13.5			
(104'12")	(29.7)	(29.7)	(29.7)					(29.7)	(29.7)	(29.7)			
34	13.5	13.5	13.5					13.5	13.5	13.5			
(111'7")	(29.7)	(29.7)	(29.7)					(29.7)	(29.7)	(29.7)			
36		13.5	13.5					13.5	13.5	13.5			
(118'1")		(29.7)	(29.7)					(29.7)	(29.7)	(29.7)			
38		13.5	13.5	12.4				13.5	13.5				
(124'8")		(29.7)	(29.7)	(27.3)				(29.7)	(29.7)				
40			13.5	11.7						13.5	11.9		
(131'3")			(29.7)	(25.7)						(29.7)	(26.2)		
42			13.1	11.1						13.1	11.2		
(137'10")			(28.8)	(24.4)						(28.8)	(24.6)		
44			12.4	10.5	8.8					12.5	10.6		
(144'4")			(27.3)	(23.1)	(19.4)					(27.5)	(23.3)		
46				10.0	8.3						10.1	4.1	
(150'11")				(22)	(18.2)						(22.2)	(9)	
48				9.6	7.9						9.6	7.7	
(157'6")				(21.1)	(17.4)						(21.1)	(16.9)	
50				9.2	7.3						9.2	7.1	
(164'0")				(20.2)	(16)						(20.2)	(15.6)	
52					6.8	5.1						6.7	
(170'7")					(14.9)	(11.2)						(14.7)	
54					6.4	4.7						6.3	
(177'2")					(14.1)	(10.3)						(13.8)	
56						4.4							4.3
(183'9")						(9.7)							(9.4)
58						4.1							4.0
(190'3")						(9)							(8.8)
60													3.7
(196'10")													(8.1)

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	61.5											
	(ft)	(201'9")											
Length of jib	(m)	37					40						
	(ft)	(121'5")					(131'3")						
Angle of main boom(°)	Load radius (m) / (ft)	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)					
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)	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)	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")	13.0 (28.6)	13.5 (29.7)	13.5 (29.7)	12.0 (26.4)			13.0 (28.6)	13.5 (29.7)	13.5 (29.7)			
42	(137'10")		13.5 (29.7)	13.2 (29.1)	11.3 (24.9)			12.4 (27.3)	13.5 (29.7)	12.8 (28.2)			
44	(144'4")		13.5 (29.7)	12.6 (27.7)	10.7 (23.5)				13.3 (29.3)	12.2 (26.8)	10.4 (22.9)		
46	(150'11")			11.8 (26)	10.2 (22.4)					11.5 (25.3)	9.8 (21.6)		
48	(157'6")			11.2 (24.6)	9.7 (21.3)	7.4 (16.3)				10.9 (24)	9.3 (20.5)		
50	(164'0")			10.6 (23.3)	9.3 (20.5)	6.9 (15.2)				10.4 (22.9)	8.9 (19.6)		
52	(170'7")				8.7 (19.1)	6.5 (14.3)					8.4 (18.5)	6.2 (13.6)	
54	(177'2")				8.2 (18)	6.1 (13.4)					8.0 (17.6)	5.8 (12.7)	
56	(183'9")					5.7 (12.5)	4.3 (9.4)					5.5 (12.1)	
58	(190'3")					5.3 (11.6)	4.0 (8.8)					5.0 (11)	
60	(196'10")					5.0 (11)	3.7 (8.1)					4.7 (10.3)	
62	(203'5")						3.5 (7.7)					4.4 (9.7)	
64	(209'12")						3.2 (7)						

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000		
Length of main boom	(m)	61.5											
	(ft)	(201'9")											
Length of jib	(m)	43						46					
	(ft)	(141'1")						(150'11")					
Angle of main boom(°)	Load radius (m) / (ft)	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)						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)	13.5 (29.7)				
36 (118'1")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)					13.0 (28.6)	13.5 (29.7)				
38 (124'8")	13.5 (29.7)	13.5 (29.7)	13.5 (29.7)					12.3 (27.1)	13.5 (29.7)	13.5 (29.7)			
40 (131'3")	13.1 (28.8)	13.5 (29.7)	13.2 (29.1)					11.7 (25.7)	13.1 (28.8)	12.8 (28.2)			
42 (137'10")	12.4 (27.3)	13.5 (29.7)	12.4 (27.3)					11.1 (24.4)	12.4 (27.3)	12.1 (26.6)			
44 (144'4")	11.6 (25.5)	13.0 (28.6)	11.7 (25.7)	10.0 (22)				10.4 (22.9)	11.7 (25.7)	11.4 (25.1)			
46 (150'11")		12.3 (27.1)	11.2 (24.6)	9.5 (20.9)					11.2 (24.6)	10.9 (24)			
48 (157'6")		11.8 (26)	10.6 (23.3)	9.0 (19.8)					10.6 (23.3)	10.3 (22.7)	8.7 (19.1)		
50 (164'0")		11.4 (25.1)	10.2 (22.4)	8.6 (18.9)					10.2 (22.4)	9.8 (21.6)	8.3 (18.2)		
52 (170'7")			9.7 (21.3)	8.1 (17.8)	5.9 (13)					9.3 (20.5)	7.8 (17.1)		
54 (177'2")			9.2 (20.2)	7.8 (17.1)	5.5 (12.1)					8.8 (19.4)	7.4 (16.3)		
56 (183'9")			8.8 (19.4)	7.2 (15.8)	5.2 (11.4)					8.4 (18.5)	7.0 (15.4)	5.1 (11.2)	
58 (190'3")				6.8 (14.9)	4.8 (10.5)						6.6 (14.5)	4.7 (10.3)	
60 (196'10")				6.5 (14.3)	4.5 (9.9)						6.3 (13.8)	4.4 (9.7)	
62 (203'5")					4.2 (9.2)							4.1 (9)	
64 (209'12")					4.0 (8.8)							3.9 (8.5)	
66 (216'6")					3.7 (8.1)							3.6 (7.9)	
68 (223'1")													

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)												Unit:kg(lb)×1000	
Length of main boom	(m)	61.5											
	(ft)	(201'9")											
Length of jib	(m)	49						52					
	(ft)	(160'9")						(170'7")					
Angle of main boom(°)		88	83	78	73	68	63	88	83	78	73	68	63
Load radius (m) / (ft)													
18	(59'1")												
20	(65'7")	13.5						13.5					
22	(72'2")	13.5						13.5					
24	(78'9")	13.5						13.5					
26	(85'4")	13.5						13.5					
28	(91'10")	13.5						12.9					
30	(98'5")	13.5	13.5					12.0	13.5				
32	(104'12")	12.9	13.5					11.2	13.5				
34	(111'7")	12.2	13.5					10.6	12.6				
36	(118'1")	11.4	13.3					9.9	11.8				
38	(124'8")	10.8	12.4	13.2				9.4	11.0	12.9			
40	(131'3")	10.3	11.7	12.5				8.9	10.4	12.1			
42	(137'10")	9.7	11.1	11.8				8.4	9.8	11.4			
44	(144'4")	9.2	10.5	11.1				8.0	9.3	10.8			
46	(150'11")		10.0	10.5				7.5	8.8	10.2			
48	(157'6")		9.5	10.0	8.4			7.1	8.3	9.7	8.1		
50	(164'0")		9.0	9.5	8.0			6.8	7.9	9.1	7.7		
52	(170'7")			8.9	7.5			6.5	7.4	8.6	7.2		
54	(177'2")			8.5	7.1			6.2	7.1	8.2	6.8		
56	(183'9")			8.1	6.8	5.0			6.7	7.8	6.5	4.9	
58	(190'3")				6.4	4.6			6.4	7.3	6.2	4.5	
60	(196'10")				6.1	4.2			6.2	7.0	5.9	4.1	
62	(203'5")					4.0				6.7	5.6	3.9	
64	(209'12")					3.8				6.4	5.3	3.7	
66	(216'6")					3.5					5.0	3.4	
68	(223'1")					3.3					4.7	3.2	
70	(229'8")										4.4	3.0	
72	(236'3")											2.7	
74	(242'9")												

Load Charts of extension Jib for LJ Operating condition													
(not including boom hook, counterweight (187.8+12.8)×1000lb)												Unit:kg(lb)×1000	
Length of main boom	(m)	61.5											
	(ft)	(201'9")											
Length of jib	(m)	55						58					
	(ft)	(180'5")						(190'3")					
Angle of main boom(°)	Load radius (m) / (ft)	88	83	78	73	68	63	88	83	78	73	68	63
18	(59'1")												
20	(65'7")	13.5						12.0					
22	(72'2")	13.5						11.3					
24	(78'9")	12.5						10.3					
26	(85'4")	11.7						9.7					
28	(91'10")	10.9						8.9					
30	(98'5")	10.2	12.3					8.4	10.1				
32	(104'12")	9.6	11.5					7.9	9.6				
34	(111'7")	8.9	10.7					7.2	8.7				
36	(118'1")	8.4	10.1					6.8	8.3				
38	(124'8")	7.8	9.4	10.8				6.2	7.8				
40	(131'3")	7.3	8.7	10.3				5.8	7.1	8.4			
42	(137'10")	6.8	8.3	9.7				5.3	6.7	8.0			
44	(144'4")	6.5	7.7	9.1				5.0	6.1	7.3			
46	(150'11")	6.1	7.3	8.6				4.7	5.8	6.9			
48	(157'6")	5.7	6.7	8.2	7.9			4.2	5.2	6.6			
50	(164'0")	5.4	6.4	7.5	6.9			3.9	4.9	6.0	6.2		
52	(170'7")	4.4	5.9	7.1	6.6			3.4	4.3	5.7	5.9		
54	(177'2")	4.3	5.6	6.6	6.1			2.1	4.1	5.1	5.3		
56	(183'9")		5.3	6.3	5.8	4.9			3.8	4.8	5.0		
58	(190'3")		4.3	5.8	5.3	4.5			3.4	4.2	4.5	4.6	
60	(196'10")		4.1	5.5	5.1	4.2				4.0	4.2	4.2	
62	(203'5")			4.4	4.8	4.0				3.5	4.0	4.0	
64	(209'12")			4.3	4.4	3.6					3.5	3.6	
66	(216'6")				4.1	3.3					3.3	3.3	
68	(223'1")				3.6	3.0						2.9	
70	(229'8")					2.8						2.7	
72	(236'3")					(6.1)						(5.9)	
74	(242'9")												

Load Charts of extension Jib for LJ Operating condition												
(not including boom hook, counterweight (187.8+12.8)×1000lb)											Unit:kg(lb)×1000	
Length of main boom	(m)	61.5										
	(ft)	(201'9")										
Length of jib	(m)	61										
	(ft)	(180'5")										
Angle of main boom(°)												
Load radius (m) / (ft)		88	83	78	73	68	63					
18 (59'1")												
20 (65'7")	11.2 (24.6)											
22 (72'2")	10.8 (23.8)											
24 (78'9")	10.2 (22.4)											
26 (85'4")	9.7 (21.3)											
28 (91'10")	9.1 (20)											
30 (98'5")	8.6 (18.9)	9.7 (21.3)										
32 (104'12")	8.1 (17.8)	9.4 (20.7)										
34 (111'7")	7.5 (16.5)	8.8 (19.4)										
36 (118'1")	7.0 (15.4)	8.6 (18.9)										
38 (124'8")	6.4 (14.1)	8.1 (17.8)										
40 (131'3")	5.9 (13)	7.6 (16.7)	7.8 (17.1)									
42 (137'10")	5.5 (12.1)	7.1 (15.6)	7.6 (16.7)									
44 (144'4")	5.1 (11.2)	6.5 (14.3)	7.2 (15.8)									
46 (150'11")	4.7 (10.3)	6.1 (13.4)	6.9 (15.2)									
48 (157'6")	4.2 (9.2)	5.4 (11.9)	6.4 (14.1)									
50 (164'0")	3.8 (8.3)	4.9 (10.8)	6.0 (13.2)	6.5 (14.3)								
52 (170'7")	3.4 (7.4)	4.4 (9.7)	5.6 (12.3)	6.1 (13.4)								
54 (177'2")	3.0 (6.6)	4.1 (9)	5.1 (11.2)	5.6 (12.3)								
56 (183'9")		3.7 (8.1)	4.8 (10.5)	5.1 (11.2)								
58 (190'3")		3.3 (7.2)	4.3 (9.4)	4.7 (10.3)								
60 (196'10")		3.0 (6.6)	4.0 (8.8)	4.4 (9.7)	5.2 (11.4)							
62 (203'5")			3.4 (7.4)	4.0 (8.8)	4.9 (10.8)							
64 (209'12")			3.0 (6.6)	3.6 (7.9)	4.4 (9.7)							
66 (216'6")				3.2 (7)	4.0 (8.8)							
68 (223'1")				2.9 (6.3)	3.5 (7.7)							
70 (229'8")				2.5 (5.5)	3.0 (6.6)							
72 (236'3")												