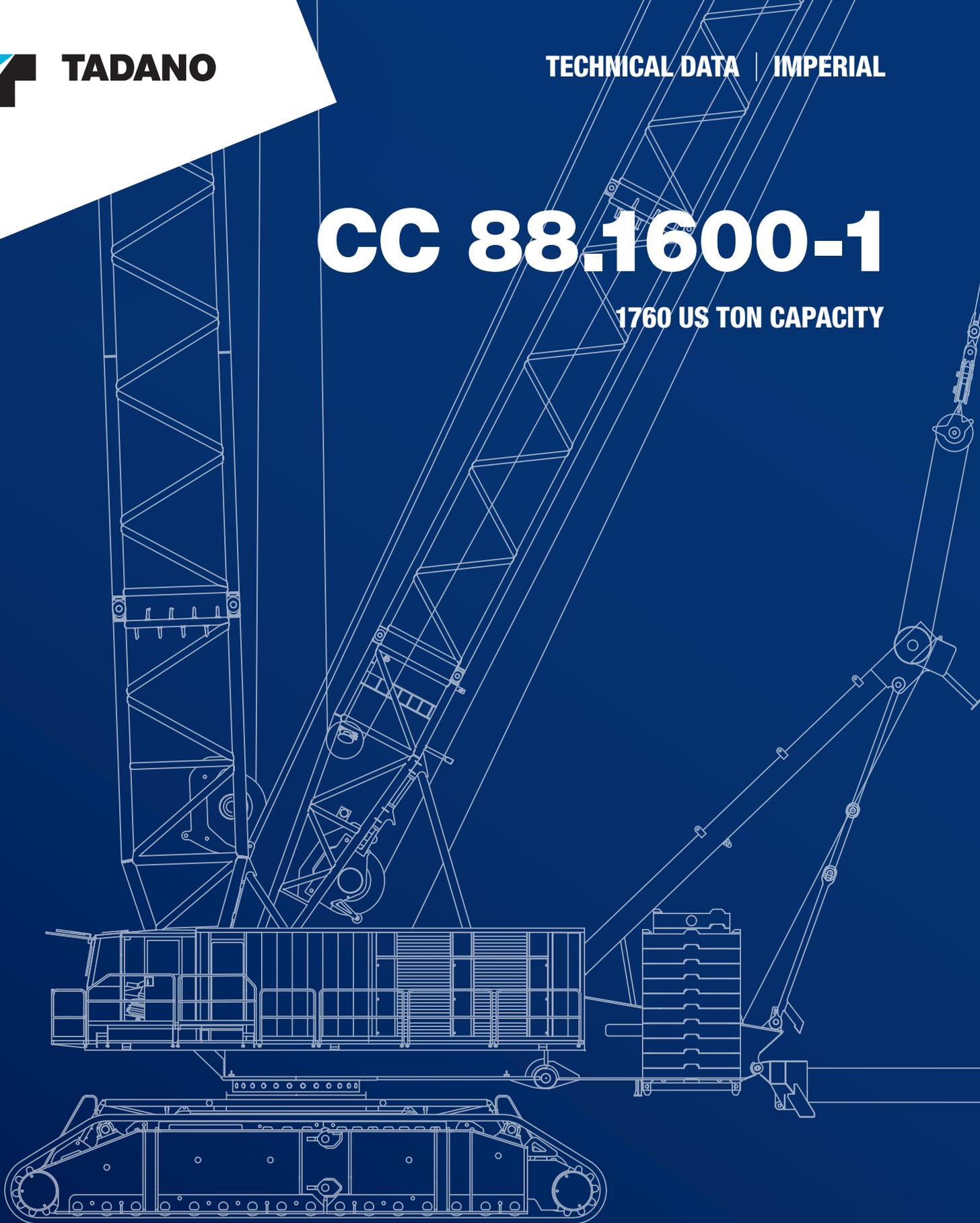


CC 88.1600-1

1760 US TON CAPACITY



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Main boom with SL (SSL, HSSL, SSL / LSL).....	14
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Track



Counterweight + central ballast (ZB)



Superlift counterweight



Superlift radius



Load radius



Main boom



Fly jib



Main boom angle



Fly jib angle



Wind speed in ft/s (feet per second)

„D“



S: heavy

L: light

H/HA: Main boom

HI: Luffing jib

W: Luffing fly jib

F: Fixed fly jib

SL: Superlift

V: Vessellift

SGL: Heavy base length



Central ballast

- ▶ Max. capacity 3528,000 lb
- ▶ Max. load moment 198,586 ft-kips
- ▶ Max. hook height 757.9 ft
- ▶ Superlift radii 62.3 -98.4 ft
- ▶ Excellent capacities at the luffing fly jib
- ▶ Redundant drivelines
- ▶ 400 V power supply
- ▶ Optional TWIN Kit for capacities up to 7056,000 lb
- ▶ Optional Boom Booster Kit



Working speeds (infinitely variable)

Mechanism		Rope ø	Speeds ¹⁾	Single line pull	Length of hoist rope
Hoist I+II	(H1+H2)	40 mm	max. 393.7 ft / min	79.132 lbf	5053 ft
Runner winch R – option	(H3)	40 mm	max. 295.3 ft / min	79.132 lbf	2493 ft
Boom derricking	(W2)	40 mm	max. 393.7 ft / min		
Boom hoist	(E)	40 mm	max. 131.2 ft / min		
Jib luffing	(W1)	40 mm	max. 344.5 ft / min		
Slewing (rpm)			0 – 0.6		

¹⁾ top layer

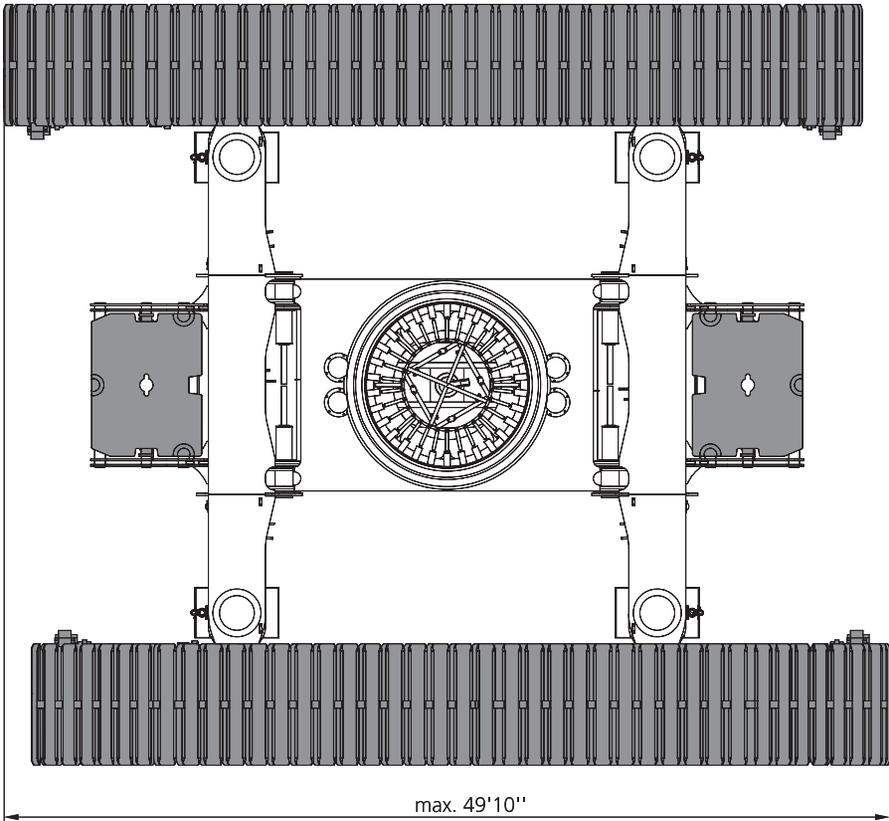
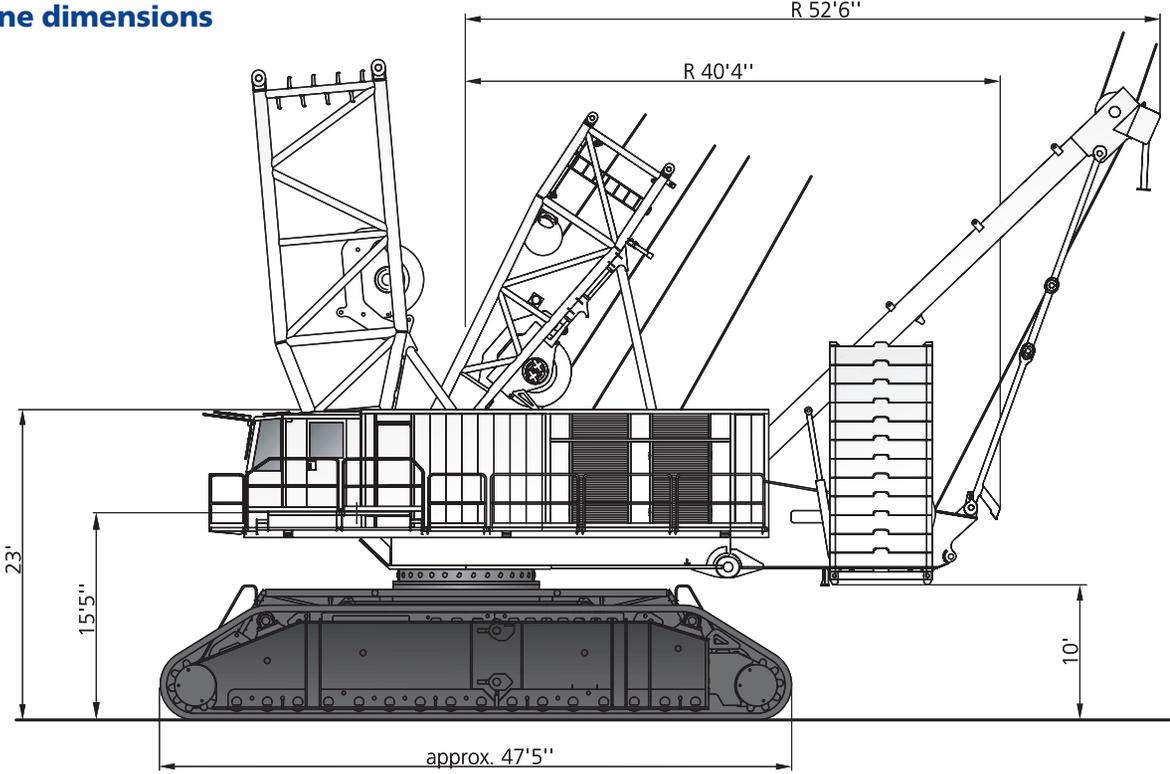
Carrier performance

1 st gear	max. 0.25 mph
2 nd gear	max. 0.50 mph

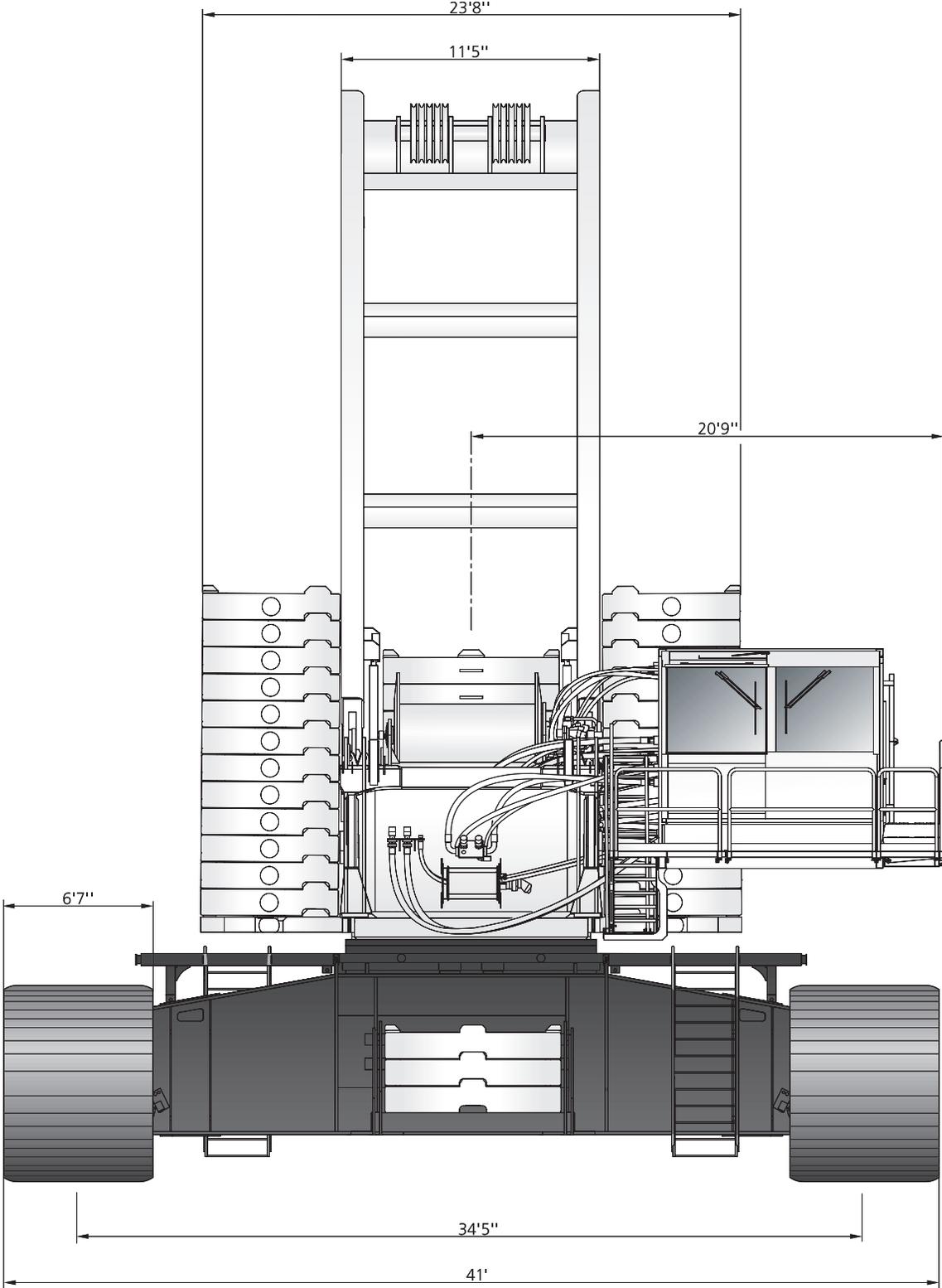
Hook block system

Type	Possible load	Number of sheaves	Number of lines	Weight	„D“
2 x 800	3528,000 lb	2 x 13	2 x 26	97,000 lb	28.5 ft
	1764,000 lb	2 x 7	2 x 12	61,700 lb / 39,700 lb	21.3 ft
	1764,000 lb	1 x 13	2 x 12	61,700 lb / 39,700 lb	20.3 ft
	1091,500 lb	1 x 7	1 x 14	48,500 lb / 18,700 lb	21.3 ft
2 x 675	2977,000 lb	2 x 10	2 x 21	88,200 lb / 46,300 lb	27.9 ft
	1488,000 lb	2 x 5	2 x 11	35,300 lb / 27,600 lb	19.7 ft
	1488,000 lb	1 x 10	1 x 21	35,300 lb / 27,600 lb	19.7 ft
	816,000 lb	1 x 5	1 x 11	32,000 lb / 17,600 lb	19.7 ft
2 x 200	882,000 lb	2 x 3	2 x 6	44,100 lb / 22,050 lb	20.3 ft
100	220,500 lb	1 x 1	1 x 3	17,000 lb / 8,150 lb	14.8 ft

Basic crane dimensions



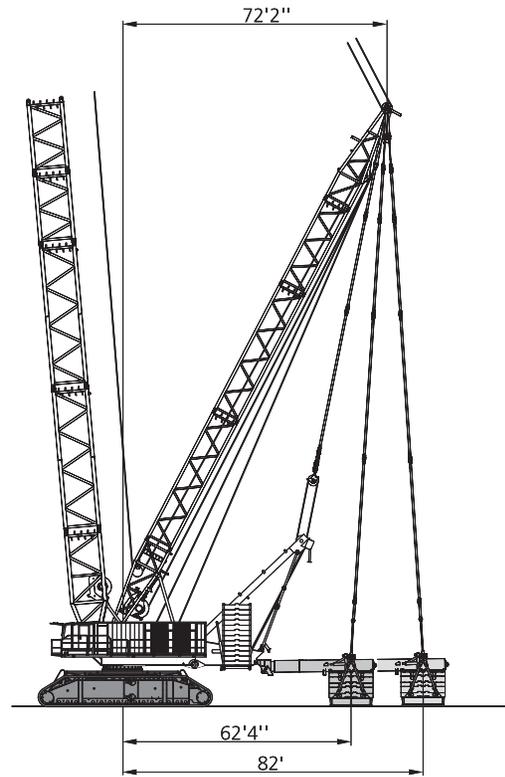
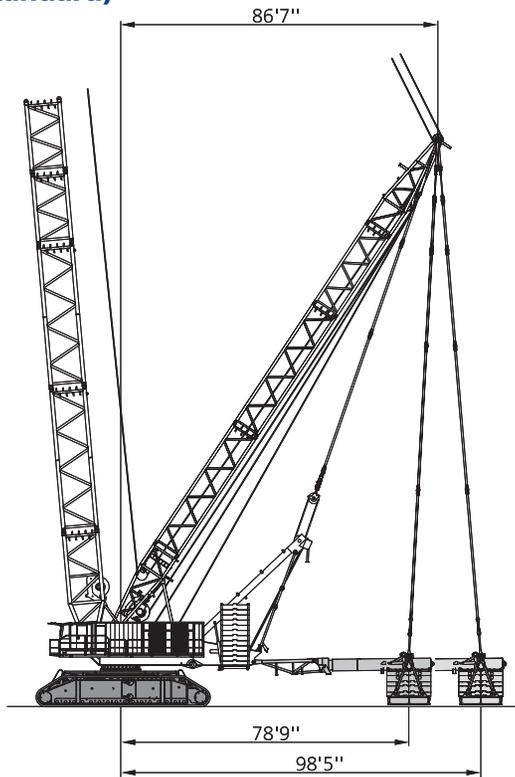
Basic crane dimensions



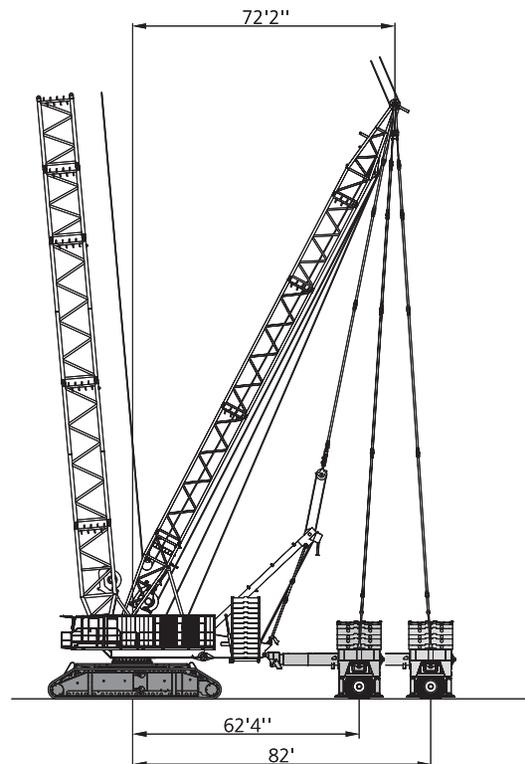
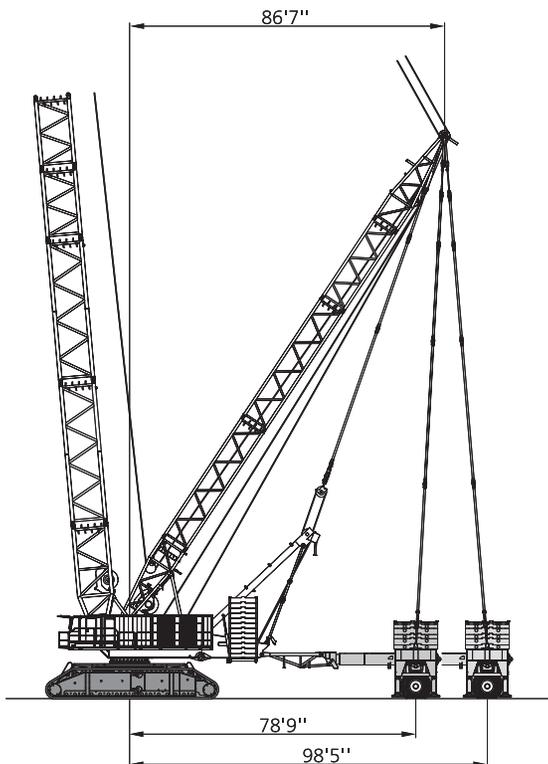
Superlift Configurations

CC 88.1600-1

Tele-SL (Standard)*



Tele-SL (Wagon, optional)**



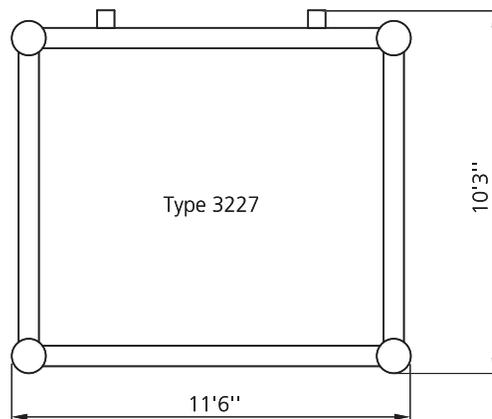
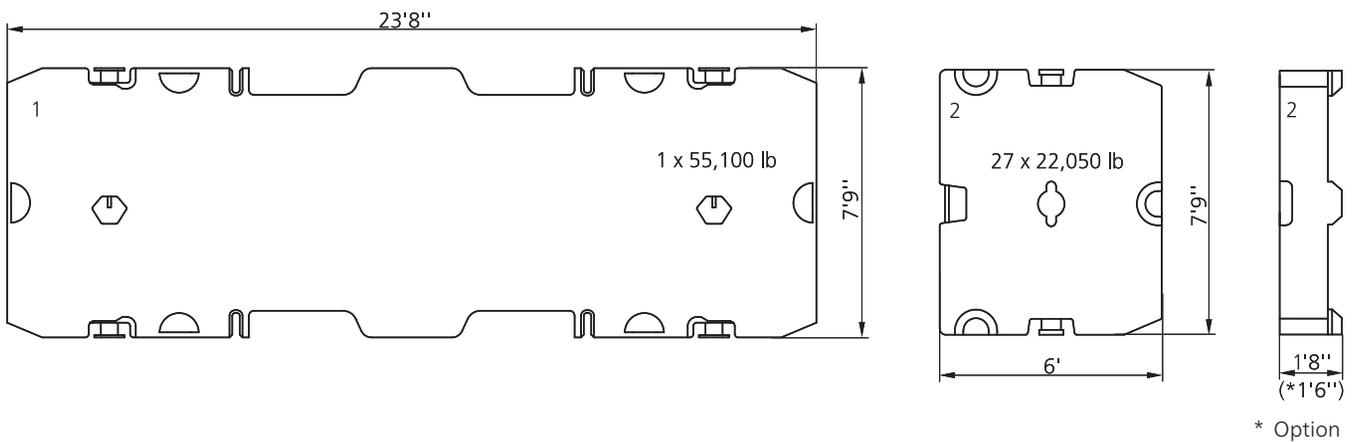
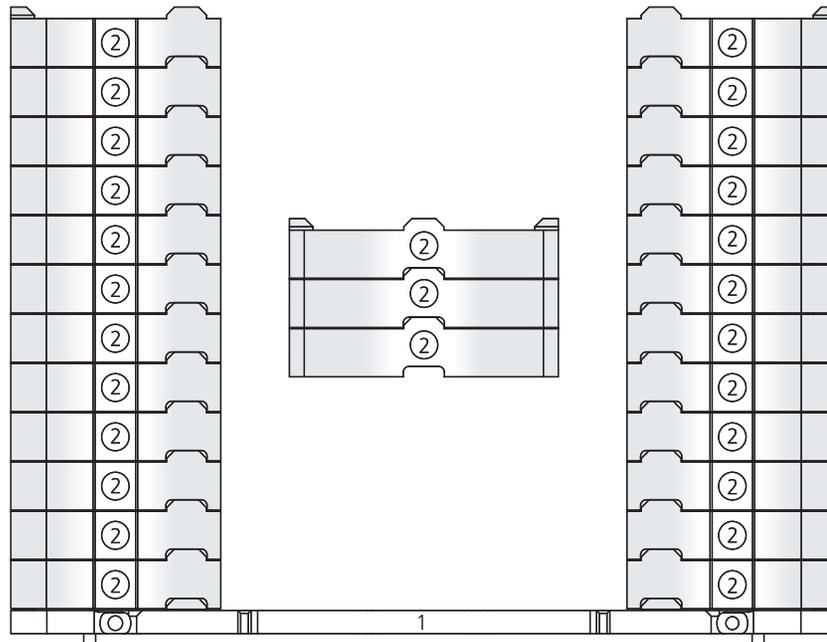
* Standard 1411,000 lb (optional 1764,000 lb)

** Wagon operates with 1411,000 lb (lifting with 1764,000 lb possible)

Specifications

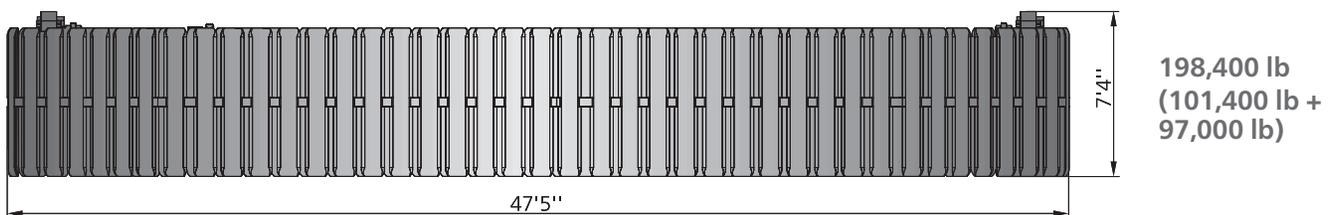
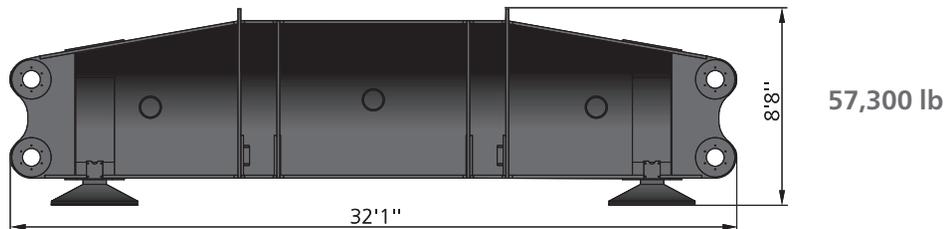
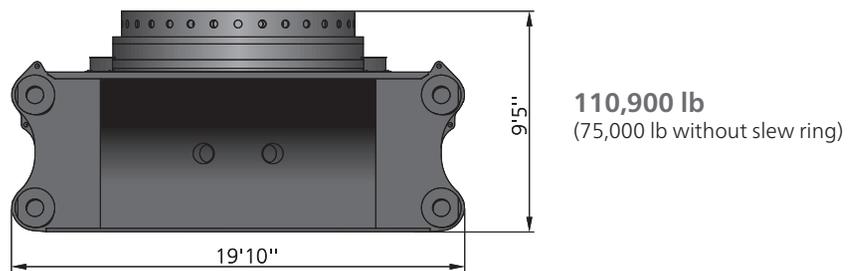
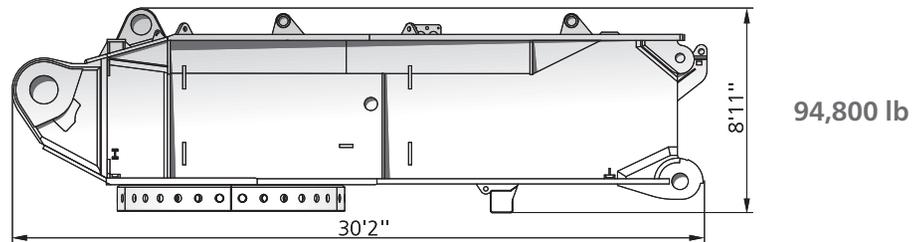
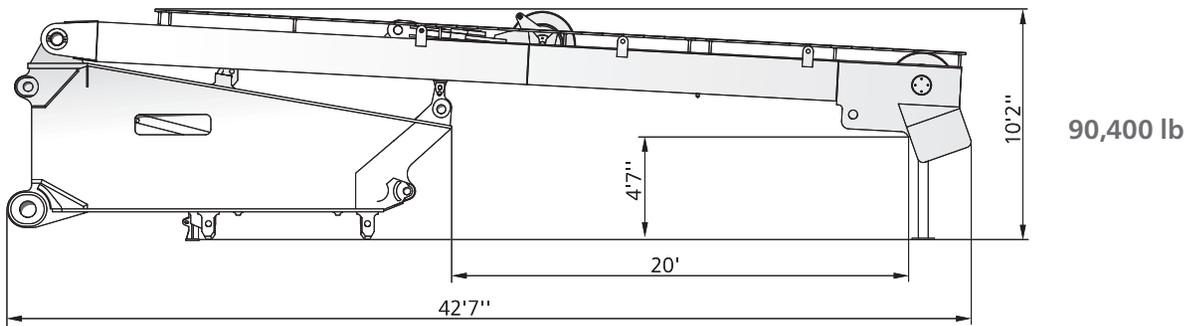
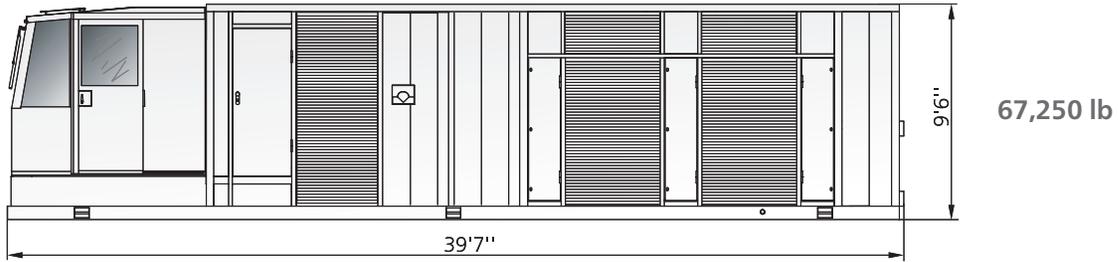
CC 88.1600-1

Counterweight



Specifications

CC 88.1600-1



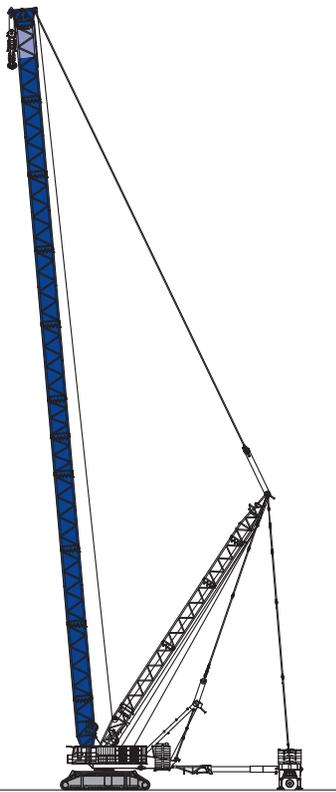
Boom Combinations

CC 88.1600-1

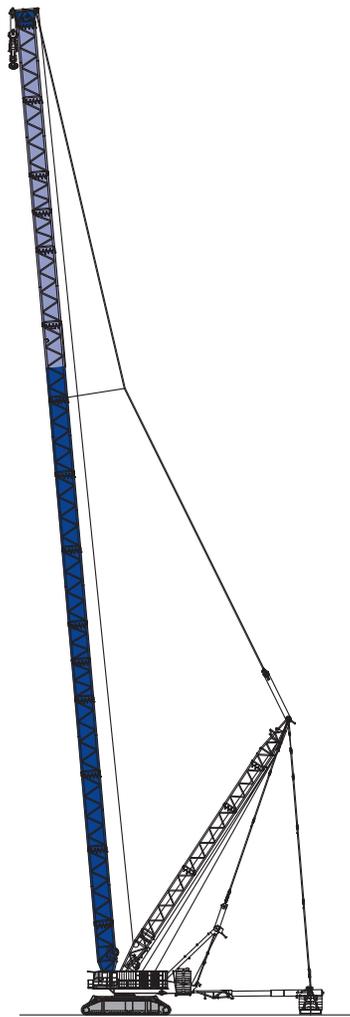
Runner
max. 220,500 lb



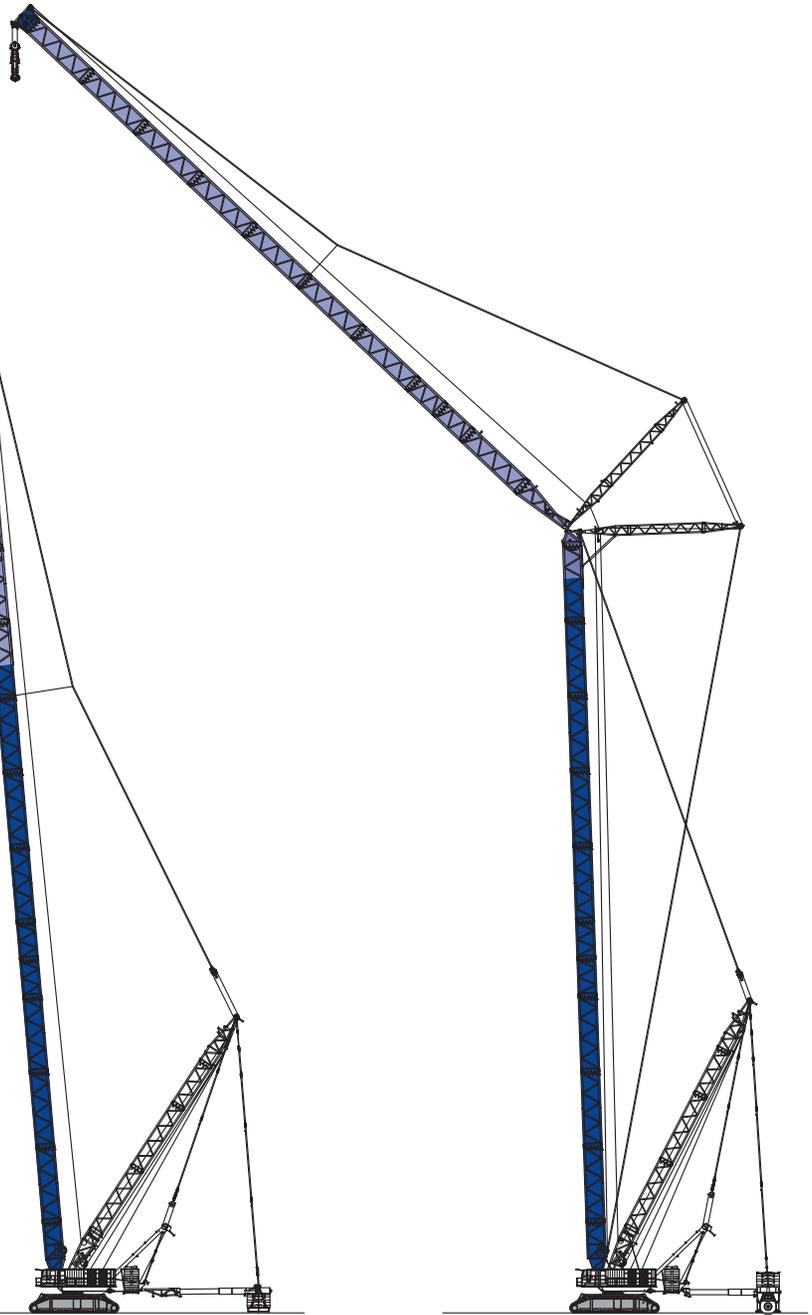
SSL, SSL/LSL, SWSL, SFVL



HSSL/SSL
HA 177.2 ft ... 275.6 ft / 393.7 ft



SSL/LSL
HA 374.0 ft ... 511.8 ft



SWSL
HA 177.2 ft ... 393.7 ft
HI 118.1 ft ... 393.7 ft

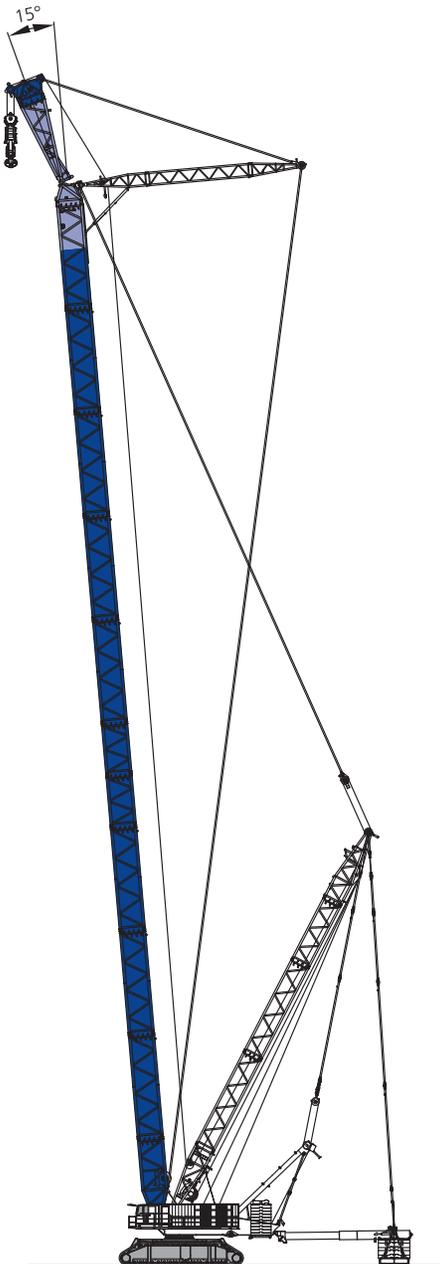
Boom Combinations

CC 88.1600-1

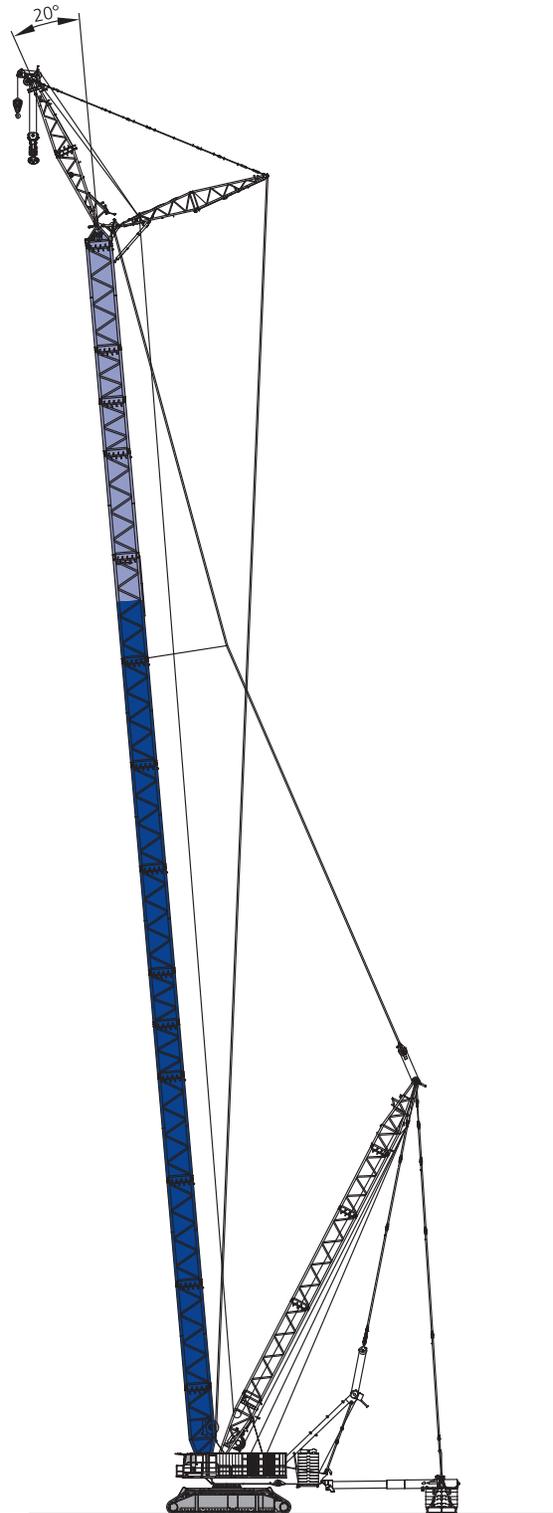
Runner
max. 220,500 lb



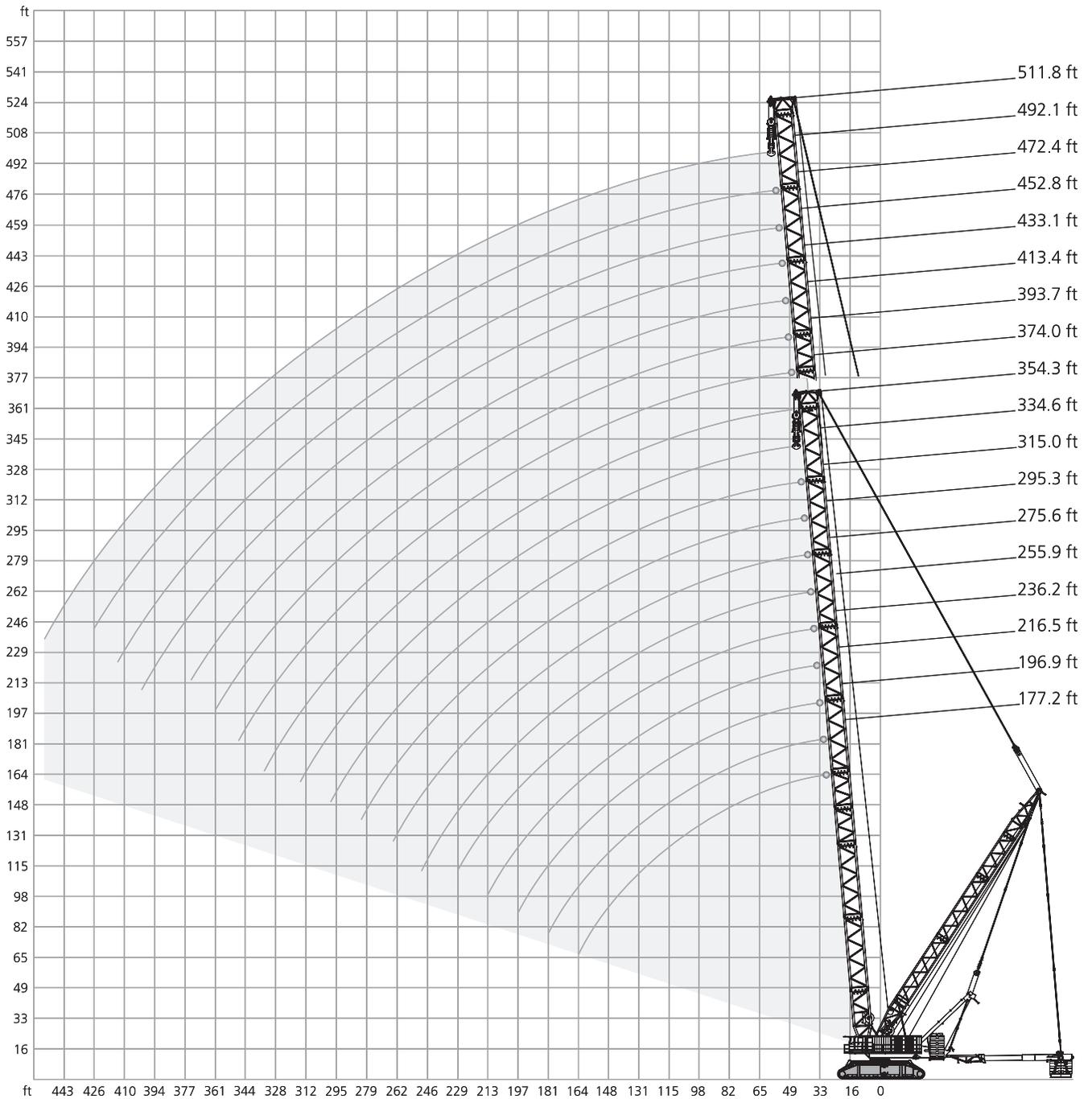
SSL, SSL/LSL, SWSL, SFVL



SFVL
HA 177.2 ft ... 393.7 ft
HI 39.4 ft



SSL/LSL+LF S2
HA 374.0 ft ... 472.5 ft
HI 59.0 ft



650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5										
ft	177.2 ft			196.9 ft			216.5 ft			ft
	0 lb	0-1411 klb	1764 klb	0 lb	0-1411 klb	1764 klb	0 lb	0-1411 klb	1764 klb	
1,000 lb										
32.8	1865.1	3527.4	3527.4	1761.5	3428.2	3428.2	-	-	-	32.8
36.1	1689.8	3485.5	3485.5	1601.7	3423.8	3423.8	1508.0	3097.5	3097.5	36.1
39.4	1514.6	3443.6	3443.6	1441.8	3423.8	3423.8	1373.5	3097.5	3097.5	39.4
45.9	1269.9	3278.3	3278.3	1214.7	3258.4	3258.4	1161.8	3049.0	3049.0	45.9
52.5	1089.1	3128.4	3128.4	1045.0	3108.5	3108.5	1003.1	3049.0	3049.0	52.5
59.1	950.2	2885.9	2989.5	912.7	2870.4	2969.6	877.4	2844.0	2932.1	59.1
65.6	835.6	2627.9	2874.8	809.1	2612.5	2855.0	778.2	2597.0	2808.7	65.6
72.2	720.9	2392.0	2751.4	712.1	2378.8	2735.9	694.5	2365.6	2687.4	72.2
78.7	630.5	2187.0	2462.6	621.7	2173.8	2502.2	612.9	2160.5	2489.0	78.7
85.3	557.8	2012.8	2211.2	549.0	1999.6	2303.8	540.1	1986.4	2290.6	85.3
91.9	498.2	1862.9	1997.4	489.4	1849.7	2101.0	480.6	1836.5	2118.6	91.9
98.4	447.5	1730.6	1814.4	438.7	1717.4	1915.8	429.9	1706.4	1970.9	98.4
111.5	370.4	1514.6	1541.0	359.4	1503.6	1609.4	350.5	1490.3	1675.5	111.5
124.7	310.9	1278.7	1327.2	299.8	1331.6	1369.1	291.0	1320.6	1433.0	124.7
137.8	266.8	1082.5	1128.8	255.7	1172.9	1214.7	244.7	1181.7	1239.0	137.8
147.6	240.3	988.2	1003.1	228.5	1048.8	1092.4	216.6	1095.7	1116.6	147.6
150.9	231.5	961.2	961.2	219.4	1007.5	1051.6	207.2	1067.0	1086.9	150.9
164.0	202.8	809.1	809.1	189.6	864.2	908.3	176.4	934.8	974.4	164.0
177.2	-	-	-	165.3	778.2	778.2	151.0	813.5	853.2	177.2
180.4	-	-	-	160.9	747.4	747.4	146.1	785.4	825.1	180.4
190.3	-	-	-	-	-	-	131.2	714.3	740.8	190.3
196.9	-	-	-	-	-	-	122.4	687.8	687.8	196.9

ft	236.2 ft			255.9 ft			275.6 ft			295.3 ft			ft
	0 lb	0-1411 klb	1764 klb	0 lb	0-1411 klb	1764 klb	0 lb	0-1411 klb	1764 klb	0 lb	0-1411 klb	1764 klb	
1,000 lb													
36.1	1435.2	2729.3	2729.3	-	-	-	-	-	-	-	-	-	36.1
39.4	1309.5	2729.3	2729.3	1252.2	2420.7	2420.7	1197.1	2151.7	2151.7	-	-	-	39.4
42.7	1211.4	2729.3	2729.3	1159.6	2420.7	2420.7	1108.9	2151.7	2151.7	1056.0	1911.4	1911.4	42.7
45.9	1113.3	2729.3	2729.3	1067.0	2420.7	2420.7	1020.7	2151.7	2151.7	981.1	1911.4	1911.4	45.9
52.5	961.2	2729.3	2729.3	923.7	2420.7	2420.7	886.3	2151.7	2151.7	853.2	1911.4	1911.4	52.5
59.1	844.4	2654.4	2713.9	811.3	2420.7	2420.7	778.2	2151.7	2151.7	749.6	1911.4	1911.4	59.1
65.6	747.4	2575.0	2581.6	718.7	2336.9	2376.6	692.3	2145.1	2145.1	665.8	1911.4	1911.4	65.6
72.2	668.0	2356.7	2497.8	643.8	2288.4	2312.7	619.5	2072.3	2103.2	595.2	1891.6	1891.6	72.2
78.7	601.9	2151.7	2418.5	579.8	2145.1	2239.9	557.8	2043.7	2061.3	537.9	1865.1	1865.1	78.7
85.3	533.5	1977.5	2281.8	526.9	1968.7	2184.8	504.9	1957.7	2012.8	485.0	1827.6	1838.7	85.3
91.9	474.0	1827.6	2109.8	469.6	1818.8	2094.4	458.6	1807.8	1968.7	440.9	1803.4	1812.2	91.9
98.4	423.3	1697.6	1959.9	418.9	1688.7	1953.3	412.3	1677.7	1893.8	403.4	1673.3	1768.1	98.4
111.5	343.9	1481.5	1715.2	339.5	1472.7	1706.4	330.7	1461.7	1695.4	328.5	1457.3	1649.1	111.5
124.7	284.4	1309.5	1479.3	277.8	1302.9	1505.8	271.2	1291.9	1501.3	266.8	1285.3	1496.9	124.7
137.8	238.1	1172.9	1285.3	229.3	1164.0	1316.2	220.5	1153.0	1329.4	217.2	1148.6	1336.0	137.8
150.9	198.4	1056.0	1124.4	191.8	1049.4	1159.6	181.9	1038.4	1175.1	177.5	1031.8	1186.1	150.9
164.0	167.6	959.0	987.7	158.7	950.2	1025.2	149.9	939.2	1045.0	144.4	932.6	1060.4	164.0
177.2	141.1	868.6	897.3	133.4	866.4	908.3	122.4	855.4	930.4	117.9	848.8	950.2	177.2
190.3	120.2	762.8	798.1	111.3	795.9	817.9	101.0	782.6	831.1	95.2	778.2	853.2	190.3
203.4	103.2	665.8	701.1	93.3	714.3	745.2	82.2	720.9	743.0	76.3	714.3	767.2	203.4
213.3	92.4	612.9	632.7	81.8	649.8	682.3	70.5	677.9	701.6	64.0	674.6	709.3	213.3
216.5	-	-	-	78.0	628.3	661.4	66.6	663.6	687.8	60.0	661.4	690.0	216.5
229.7	-	-	-	65.7	549.0	582.0	53.4	588.6	619.5	46.1	612.9	632.7	229.7
242.8	-	-	-	-	-	-	42.3	520.3	551.2	34.2	555.6	582.0	242.8
249.3	-	-	-	-	-	-	37.5	485.0	515.9	29.2	524.7	551.2	249.3
255.9	-	-	-	-	-	-	-	-	-	24.3	493.8	520.3	255.9
259.2	-	-	-	-	-	-	-	-	-	22.0	478.4	505.6	259.2
265.7	-	-	-	-	-	-	-	-	-	-	447.5	476.2	265.7

0 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb 1764,000 lb

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5										
315.0 ft			334.6 ft			354.3 ft				
0 lb	0-1411 klb	1764 klb	0 lb	0-1411 klb	1764 klb	0 lb	0-1411 klb	1764 klb		
ft	1,000 lb									ft
42.7	1011.9	1708.6	1708.6	-	-	-	-	-	-	42.7
45.9	939.2	1708.6	1708.6	901.7	1532.2	1532.2	864.2	1377.9	1377.9	45.9
52.5	817.9	1708.6	1708.6	787.1	1532.2	1532.2	754.0	1377.9	1377.9	52.5
59.1	720.9	1708.6	1708.6	692.3	1532.2	1532.2	665.8	1377.9	1377.9	59.1
65.6	639.3	1708.6	1708.6	615.1	1532.2	1532.2	590.8	1377.9	1377.9	65.6
72.2	573.2	1706.4	1706.4	551.2	1532.2	1532.2	529.1	1377.9	1377.9	72.2
78.7	515.9	1688.7	1688.7	496.0	1525.6	1525.6	474.0	1375.7	1375.7	78.7
85.3	467.4	1673.3	1673.3	447.5	1514.6	1514.6	427.7	1369.1	1369.1	85.3
91.9	423.3	1646.9	1655.7	405.7	1505.8	1505.8	388.0	1360.3	1360.3	91.9
98.4	385.8	1638.0	1638.0	370.4	1485.9	1494.7	352.7	1351.4	1351.4	98.4
111.5	321.9	1448.4	1545.4	308.6	1439.6	1457.3	293.2	1322.8	1333.8	111.5
124.7	260.1	1276.5	1446.2	253.5	1269.9	1358.0	244.7	1254.4	1272.1	124.7
137.8	209.4	1137.6	1329.4	202.8	1131.0	1276.5	198.4	1124.4	1188.3	137.8
150.9	169.8	1022.9	1183.9	162.0	1016.3	1177.3	157.6	1009.7	1119.9	150.9
164.0	136.7	923.7	1060.4	129.0	917.1	1058.2	124.6	910.5	1051.6	164.0
177.2	109.6	840.0	954.6	102.5	833.3	954.6	97.7	826.7	952.4	177.2
190.3	86.9	767.2	859.8	79.6	760.6	864.2	74.5	754.0	864.2	190.3
203.4	67.5	705.5	778.2	60.0	696.7	782.6	54.7	692.3	787.1	203.4
216.5	50.9	650.4	703.3	43.2	643.8	712.1	37.5	637.1	716.5	216.5
229.7	36.6	604.1	634.9	28.7	595.2	646.0	22.7	588.6	654.8	229.7
236.2	30.5	582.0	604.1	22.3	573.2	616.2	-	566.6	625.0	236.2
242.8	24.5	560.0	577.6	-	551.2	586.4	-	544.5	595.2	242.8
255.9	-	515.9	540.1	-	513.7	531.3	-	507.1	544.5	255.9
269.0	-	460.8	487.2	-	480.6	496.0	-	471.8	493.8	269.0
282.2	-	407.9	434.3	-	432.1	454.2	-	440.9	456.4	282.2
295.3	-	-	-	-	385.8	410.1	-	403.4	423.3	295.3
298.6	-	-	-	-	372.6	396.8	-	393.0	413.4	298.6
308.4	-	-	-	-	-	-	-	361.6	383.6	308.4
315.0	-	-	-	-	-	-	-	339.5	363.8	315.0

	0 lb	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb	1764,000 lb
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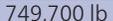
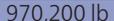
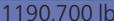
650,500 lb +  132,300 lb		 62.3-98.4 ft		 34.5 ft		 32.2 ft/s		360° ASME B30.5		
374.0 ft			393.7 ft							
0 lb			0-1411 klb			1764 klb				
0 lb			0-1411 klb			1764 klb				
ft	1,000 lb						ft			
49.2	773.8	1212.5	1217.0	740.8	1091.3	1093.5	49.2			
52.5	725.3	1212.5	1217.0	694.5	1091.3	1093.5	52.5			
59.1	639.3	1212.5	1217.0	612.9	1091.3	1093.5	59.1			
65.6	568.8	1212.5	1217.0	544.5	1091.3	1093.5	65.6			
72.2	507.1	1212.5	1217.0	485.0	1091.3	1093.5	72.2			
78.7	456.4	1212.5	1217.0	434.3	1091.3	1093.5	78.7			
85.3	410.1	1212.5	1217.0	392.4	1091.3	1093.5	85.3			
91.9	370.4	1212.5	1217.0	352.7	1089.1	1091.3	91.9			
98.4	337.3	1212.5	1217.0	319.7	1086.9	1091.3	98.4			
111.5	277.8	1208.1	1210.3	262.4	1084.7	1086.9	111.5			
124.7	231.5	1137.6	1166.2	217.2	1058.2	1060.4	124.7			
137.8	189.6	1073.7	1108.9	178.6	998.7	1025.2	137.8			
150.9	148.8	996.5	1067.0	142.2	948.0	978.9	150.9			
164.0	115.7	901.7	1027.4	109.6	884.1	948.0	164.0			
177.2	88.8	817.9	939.2	81.8	809.1	914.9	177.2			
190.3	65.5	745.2	853.2	58.2	736.3	844.4	190.3			
196.9	55.4	713.2	815.7	47.8	703.3	806.9	196.9			
203.4	45.4	681.2	778.2	-	674.6	769.4	203.4			
216.5	-	626.1	712.1	-	619.5	705.5	216.5			
229.7	-	577.6	650.4	-	571.0	646.0	229.7			
242.8	-	535.7	595.2	-	526.9	593.0	242.8			
255.9	-	496.0	544.5	-	487.2	544.5	255.9			
269.0	-	463.0	498.2	-	454.2	498.2	269.0			
282.2	-	432.1	454.2	-	423.3	456.4	282.2			
295.3	-	403.4	418.9	-	394.6	416.7	295.3			
308.4	-	372.6	390.2	-	368.2	381.4	308.4			
321.5	-	335.1	354.9	-	343.9	359.4	321.5			
334.6	-	297.6	319.7	-	308.6	328.5	334.6			
347.8	-	-	-	-	275.6	295.4	347.8			
351.1	-	-	-	-	266.8	286.6	351.1			

	0 lb	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb	1764,000 lb
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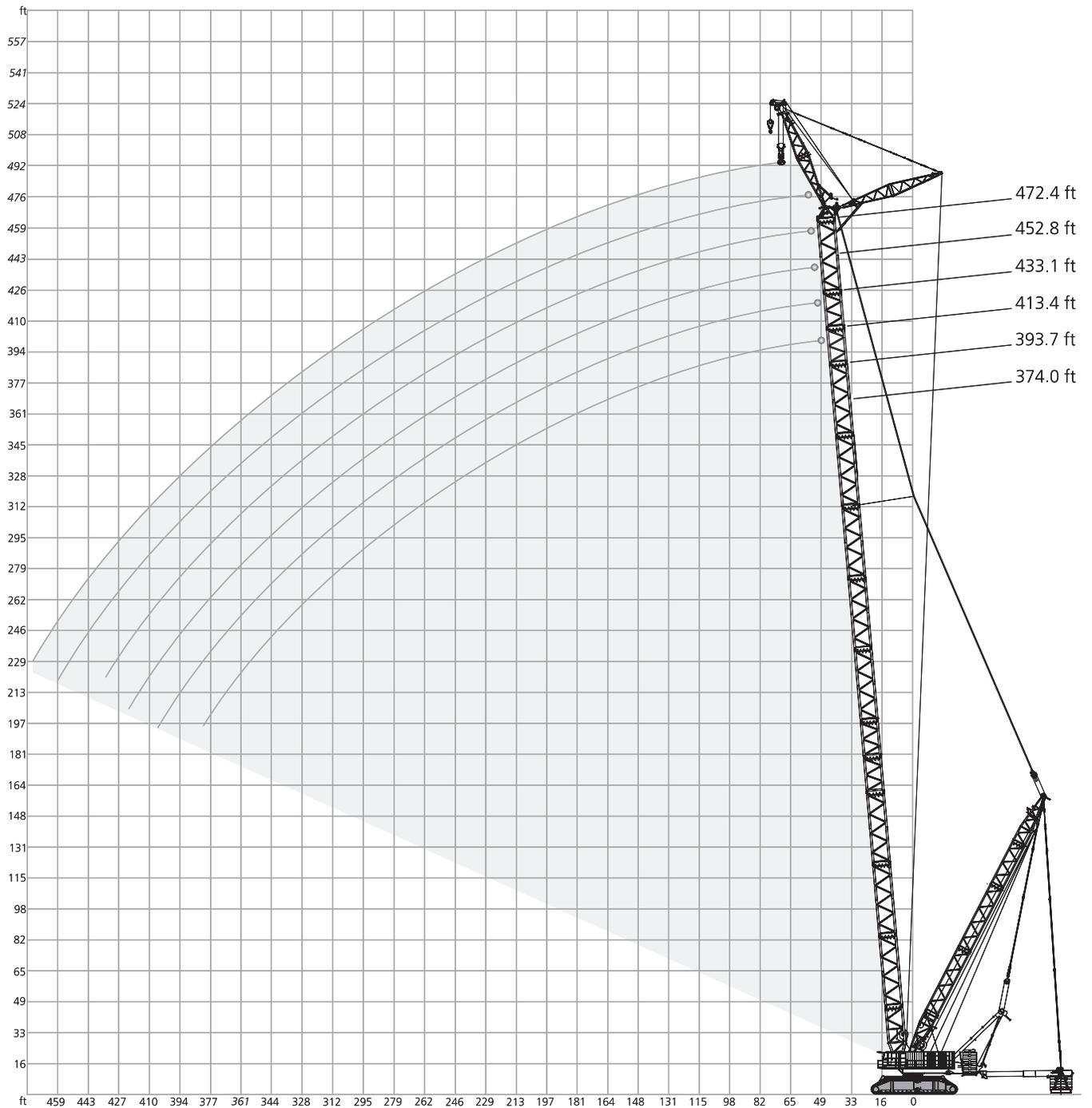
 650,500 lb + 132,300 lb  62.3-98.4 ft  34.5 ft  32.2 ft/s  360° ASME B30.5													
 374.0 ft  393.7 ft  413.4 ft  433.1 ft													
 0 lb  0-1411 klb  1764 klb  0 lb  0-1411 klb  1764 klb  0 lb  0-1411 klb  1764 klb  0 lb  0-1411 klb  1764 klb													
ft	1,000 lb												ft
52.5	734.1	1239.0	1247.8	707.7	1115.5	1119.9	685.6	1007.5	1009.7	661.4	903.9	906.1	52.5
59.1	650.4	1239.0	1247.8	626.1	1115.5	1119.9	608.5	1007.5	1009.7	586.4	903.9	906.1	59.1
65.6	579.8	1239.0	1247.8	555.6	1115.5	1119.9	542.3	1007.5	1009.7	522.5	903.9	906.1	65.6
72.2	518.1	1239.0	1247.8	498.2	1115.5	1119.9	485.0	1005.3	1007.5	467.4	903.9	906.1	72.2
78.7	467.4	1239.0	1247.8	447.5	1115.5	1119.9	436.5	1005.3	1007.5	421.1	903.9	906.1	78.7
85.3	421.1	1236.8	1247.8	405.7	1115.5	1119.9	394.6	1005.3	1007.5	381.4	903.9	906.1	85.3
91.9	383.6	1232.4	1239.0	366.0	1111.1	1115.5	357.1	998.7	998.7	343.9	903.9	901.7	91.9
98.4	348.3	1225.8	1221.4	332.9	1104.5	1102.3	324.1	985.5	983.3	313.1	903.9	897.3	98.4
111.5	288.8	1217.0	1188.3	275.6	1091.3	1080.3	269.0	959.0	950.2	257.9	901.7	888.5	111.5
124.7	242.5	1166.2	1155.2	229.3	1078.1	1058.2	224.9	932.6	919.3	215.0	899.5	877.4	124.7
137.8	200.6	1111.1	1122.2	191.8	1009.7	1034.0	187.4	892.9	888.5	177.5	888.5	868.6	137.8
150.9	159.8	1011.9	1071.4	155.4	965.6	1005.3	155.4	855.4	862.0	146.6	855.4	859.8	150.9
164.0	126.8	914.9	1014.1	121.3	908.3	948.0	123.5	815.7	826.7	120.2	804.7	844.4	164.0
177.2	99.6	828.9	952.4	94.4	824.5	901.7	95.9	776.0	787.1	93.5	776.0	811.3	177.2
190.3	76.3	756.2	866.4	70.8	751.8	853.2	72.3	736.3	745.2	69.9	747.4	769.4	190.3
203.4	56.4	694.5	791.5	50.7	687.8	787.1	52.2	687.8	705.5	49.6	685.6	736.3	203.4
216.5	39.2	639.3	725.3	33.5	632.7	723.1	34.8	632.7	665.8	32.2	630.5	703.3	216.5
229.7	24.5	590.8	663.6	-	584.2	663.6	-	584.2	626.1	-	582.0	661.4	229.7
242.8	-	546.7	608.5	-	540.1	610.7	-	540.1	593.0	-	537.9	610.7	242.8
255.9	-	509.3	557.8	-	502.7	562.2	-	502.7	560.0	-	498.2	564.4	255.9
269.0	-	474.0	511.5	-	467.4	515.9	-	467.4	522.5	-	463.0	522.5	269.0
282.2	-	443.1	467.4	-	436.5	474.0	-	436.5	482.8	-	432.1	482.8	282.2
295.3	-	414.5	429.9	-	407.9	434.3	-	407.9	445.3	-	403.4	445.3	295.3
308.4	-	385.8	403.4	-	381.4	396.8	-	381.4	410.1	-	377.0	412.3	308.4
321.5	-	348.3	368.2	-	359.4	374.8	-	357.1	374.8	-	352.7	379.2	321.5
334.6	-	310.9	332.9	-	324.1	343.9	-	337.3	350.5	-	332.9	348.3	334.6
347.8	-	-	-	-	291.0	313.1	-	308.6	328.5	-	310.9	324.1	347.8
360.9	-	-	-	-	-	-	-	277.8	297.6	-	288.8	304.2	360.9
374.0	-	-	-	-	-	-	-	-	-	-	262.4	277.8	374.0

	0 lb	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb	1764,000 lb
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		452.8 ft			472.4 ft			492.1 ft			511.8 ft				
		0 lb	0-1411 klb	1764 klb	0 lb	0-1411 klb	1764 klb	0 lb	0-1411 klb	1764 klb	0 lb	0-1411 klb	1764 klb		
ft		1,000 lb												ft	
59.1	568.8	813.5	817.9	546.7	729.7	731.9	535.7	659.2	659.2	515.9	590.8	590.8	59.1		
65.6	507.1	813.5	817.9	487.2	729.7	731.9	478.4	659.2	659.2	460.8	590.8	590.8	65.6		
72.2	454.2	813.5	817.9	436.5	729.7	731.9	429.9	659.2	659.2	412.3	590.8	590.8	72.2		
78.7	407.9	813.5	817.9	394.6	729.7	731.9	385.8	659.2	659.2	372.6	590.8	590.8	78.7		
85.3	368.2	813.5	817.9	354.9	729.7	731.9	348.3	659.2	659.2	335.1	588.6	590.8	85.3		
91.9	332.9	813.5	817.9	319.7	729.7	731.9	315.3	659.2	659.2	302.0	588.6	590.8	91.9		
98.4	302.0	813.5	817.9	291.0	729.7	731.9	286.6	659.2	659.2	273.4	588.6	590.8	98.4		
111.5	249.1	811.3	809.1	238.1	729.7	725.3	235.9	657.0	657.0	224.9	584.2	586.4	111.5		
124.7	207.2	809.1	795.9	196.2	727.5	714.3	195.1	652.6	650.4	184.1	577.6	579.8	124.7		
137.8	170.9	806.9	784.8	160.9	725.3	705.5	159.8	648.2	643.8	149.9	571.0	573.2	137.8		
150.9	140.0	782.6	773.8	131.2	712.1	696.7	130.1	641.5	637.1	121.3	564.4	566.6	150.9		
164.0	114.6	758.4	760.6	105.8	690.0	687.8	105.6	623.9	632.7	97.0	553.4	560.0	164.0		
177.2	89.9	712.1	749.6	83.3	670.2	679.0	83.8	608.5	626.1	75.2	542.3	553.4	177.2		
190.3	66.1	690.0	736.3	63.9	639.3	668.0	64.4	593.0	617.3	56.0	529.1	546.7	190.3		
203.4	45.9	668.0	701.1	43.4	615.1	643.8	45.2	577.6	599.7	39.2	518.1	540.1	203.4		
216.5	28.2	626.1	670.2	25.8	595.2	619.5	27.6	551.2	579.8	24.3	504.9	524.7	216.5		
229.7	-	577.6	641.5	-	573.2	593.0	-	537.9	562.2	-	487.2	509.3	229.7		
242.8	-	533.5	604.1	-	529.1	566.6	-	522.5	542.3	-	474.0	493.8	242.8		
255.9	-	493.8	560.0	-	491.6	544.5	-	491.6	518.1	-	463.0	478.4	255.9		
269.0	-	458.6	518.1	-	456.4	515.9	-	456.4	500.4	-	451.9	463.0	269.0		
282.2	-	427.7	480.6	-	425.5	478.4	-	425.5	478.4	-	423.3	443.1	282.2		
295.3	-	399.0	445.3	-	394.6	443.1	-	396.8	445.3	-	394.6	429.9	295.3		
308.4	-	372.6	412.3	-	370.4	412.3	-	370.4	414.5	-	368.2	407.9	308.4		
321.5	-	348.3	381.4	-	346.1	381.4	-	346.1	383.6	-	343.9	379.2	321.5		
334.6	-	326.3	350.5	-	324.1	352.7	-	324.1	357.1	-	321.9	352.7	334.6		
347.8	-	306.4	324.1	-	302.0	326.3	-	304.2	330.7	-	299.8	328.5	347.8		
360.9	-	288.8	299.8	-	284.4	299.8	-	284.4	306.4	-	282.2	304.2	360.9		
374.0	-	269.0	282.2	-	266.8	277.8	-	269.0	282.2	-	264.6	282.2	374.0		
387.1	-	244.7	257.9	-	251.3	262.4	-	251.3	262.4	-	246.9	260.1	387.1		
400.3	-	219.4	235.9	-	227.1	240.3	-	238.1	246.9	-	233.7	242.5	400.3		
413.4	-	-	-	-	205.0	219.4	-	216.1	227.1	-	219.4	227.1	413.4		
426.5	-	-	-	-	-	-	-	195.1	208.3	-	199.5	209.4	426.5		
439.6	-	-	-	-	-	-	-	-	-	-	179.7	191.8	439.6		
452.8	-	-	-	-	-	-	-	-	-	-	159.8	173.1	452.8		

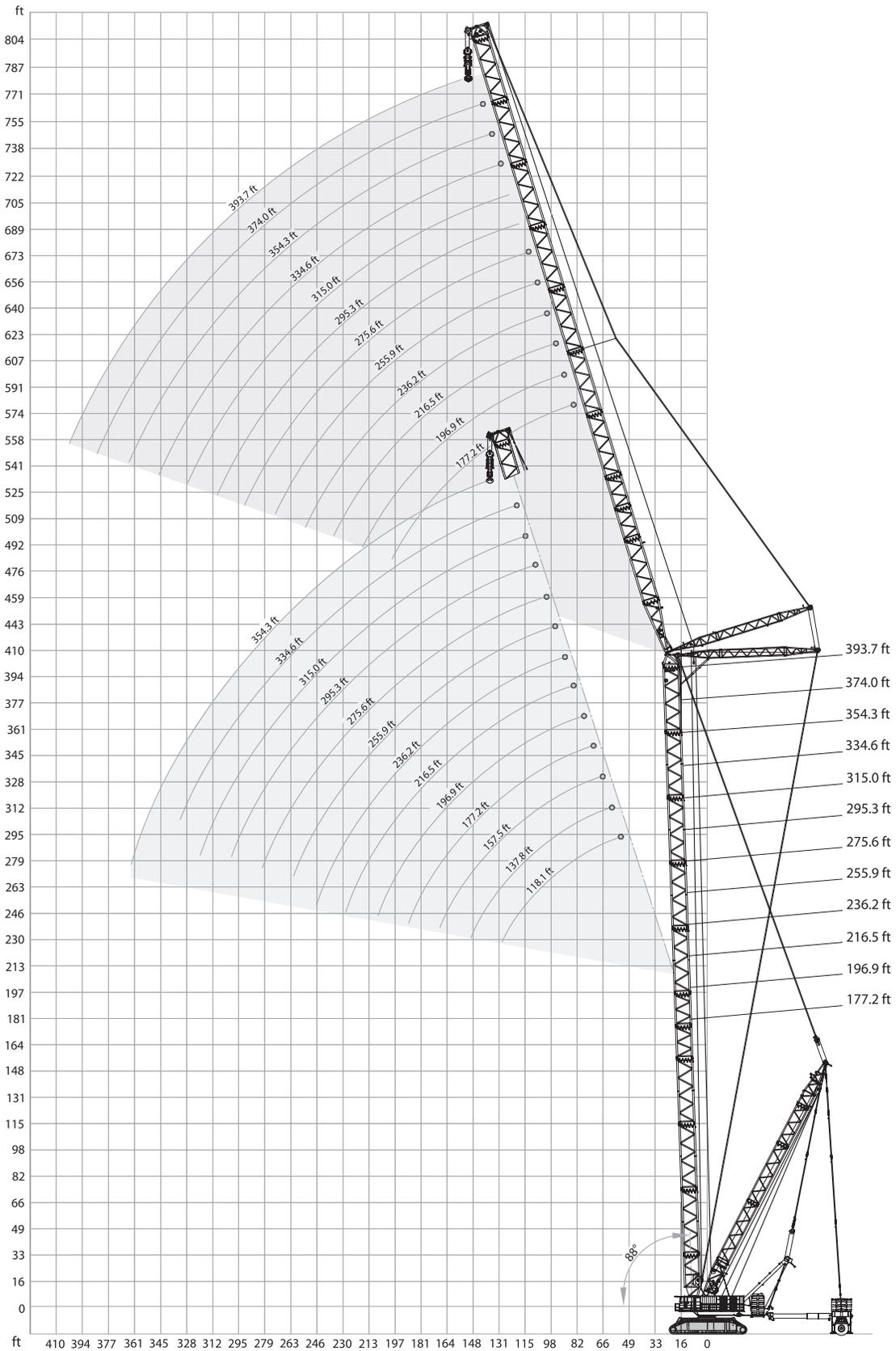









    													
374.0 ft		393.7 ft		413.4 ft		433.1 ft		452.8 ft		472.4 ft			
0-1411 klb		0-1411 klb		0-1411 klb		0-1411 klb		0-1411 klb		0-1411 klb			
0 lb		0 lb		0 lb		0 lb		0 lb		0 lb			
1,000 lb													
ft													ft
72.2	-	806.9	-	727.5	-	668.0	-	-	-	-	-	-	72.2
78.7	458.6	806.9	440.9	727.5	423.3	668.0	-	601.9	-	542.3	-	476.2	78.7
85.3	414.5	806.9	399.0	727.5	381.4	665.8	363.8	601.9	352.7	540.1	337.3	476.2	85.3
91.9	377.0	806.9	361.6	727.5	343.9	665.8	328.5	601.9	317.5	540.1	304.2	476.2	91.9
98.4	345.0	805.8	330.7	726.4	314.2	665.8	298.7	601.9	288.8	540.1	275.6	475.1	98.4
111.5	286.6	801.4	274.5	723.1	259.0	664.7	244.7	601.9	235.9	539.0	223.2	472.9	111.5
124.7	239.2	794.8	228.2	718.7	213.3	661.4	200.1	599.7	191.8	534.6	180.2	470.7	124.7
137.8	200.1	788.2	189.6	713.2	175.3	655.9	162.6	594.1	155.4	528.0	144.4	468.5	137.8
150.9	167.0	776.0	156.5	704.4	142.7	649.3	130.6	588.6	124.6	521.4	113.8	465.2	150.9
164.0	138.9	757.3	128.4	691.1	115.5	640.4	103.5	580.9	97.7	513.7	87.3	460.8	164.0
177.2	114.3	733.0	104.6	675.7	91.9	628.3	80.2	569.9	74.2	504.9	64.3	456.4	177.2
183.7	103.0	723.1	93.5	668.0	80.7	621.7	69.2	564.4	63.3	500.4	53.6	454.2	183.7
190.3	91.3	713.2	83.1	660.3	70.9	616.2	59.4	558.9	-	494.9	-	450.8	190.3
196.9	79.6	703.3	72.8	652.6	61.1	610.7	49.6	553.4	-	489.4	-	447.5	196.9
203.4	69.3	685.6	62.4	644.9	-	601.9	-	547.8	-	485.0	-	445.3	203.4
210.0	59.1	668.0	52.0	637.1	-	595.2	-	542.3	-	480.6	-	443.1	210.0
216.5	-	643.8	-	618.4	-	585.3	-	531.3	-	475.1	-	440.9	216.5
229.7	-	595.2	-	579.8	-	562.2	-	511.5	-	463.0	-	436.5	229.7
242.8	-	550.1	-	540.1	-	530.2	-	478.4	-	437.6	-	426.6	242.8
255.9	-	510.4	-	500.4	-	492.7	-	444.2	-	402.3	-	414.5	255.9
269.0	-	475.1	-	465.2	-	456.4	-	410.1	-	369.3	-	402.3	269.0
282.2	-	443.1	-	434.3	-	423.3	-	377.0	-	334.0	-	390.2	282.2
295.3	-	413.4	-	404.5	-	393.5	-	351.6	-	302.0	-	370.4	295.3
308.4	-	385.8	-	378.1	-	367.1	-	330.7	-	280.0	-	343.9	308.4
321.5	-	361.6	-	353.8	-	342.8	-	309.7	-	261.2	-	318.6	321.5
334.6	-	338.4	-	330.7	-	319.7	-	289.9	-	242.5	-	296.5	334.6
347.8	-	310.9	-	309.7	-	298.7	-	270.1	-	224.9	-	275.6	347.8
360.9	-	281.1	-	285.5	-	278.9	-	249.1	-	206.7	-	255.7	360.9
374.0	-	252.4	-	257.9	-	255.7	-	234.8	-	187.9	-	238.1	374.0
380.6	-	238.1	-	244.7	-	242.5	-	231.5	-	178.6	-	229.3	380.6
387.1	-	-	-	231.5	-	230.9	-	224.3	-	175.3	-	221.6	387.1
400.3	-	-	-	205.0	-	207.2	-	205.6	-	168.7	-	203.4	400.3
406.8	-	-	-	191.8	-	195.1	-	194.0	-	165.3	-	192.9	406.8
413.4	-	-	-	-	-	183.0	-	183.0	-	161.5	-	183.5	413.4
419.9	-	-	-	-	-	170.9	-	172.0	-	157.6	-	174.2	419.9
426.5	-	-	-	-	-	-	-	160.9	-	154.3	-	164.2	426.5
433.1	-	-	-	-	-	-	-	149.9	-	151.0	-	154.3	433.1
439.6	-	-	-	-	-	-	-	-	-	143.3	-	145.0	439.6
452.8	-	-	-	-	-	-	-	-	-	125.7	-	126.2	452.8
459.3	-	-	-	-	-	-	-	-	-	115.7	-	116.8	459.3
465.9	-	-	-	-	-	-	-	-	-	-	-	107.8	465.9
472.4	-	-	-	-	-	-	-	-	-	-	-	100.8	472.4

	0 lb	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb
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SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5

177.2 ft + 118.1 ft

ft	SWSL						SFSL
	0 lb	0 lb - 1411,000 lb					
	88°/85°	88°/85°	75°	65°	55°	45°	
	1,000 lb						
59.1	888.5*	1386.7*	-	-	-	-	-
65.6	802.5*	1353.6*	-	-	-	-	-
72.2	729.7*	1309.5*	-	-	-	-	-
78.7	670.2*	1439.6	-	-	-	-	-
85.3	617.3*	1408.8	-	-	-	-	1411.0
91.9	573.2*	1329.4	-	-	-	-	1411.0
98.4	533.5*	1197.1	-	-	-	-	1411.0
111.5	451.9*	992.1	-	-	-	-	1393.3
121.4	402.3*	878.5	1351.4	-	-	-	1348.1
124.7	388.0*	844.4	1283.1	-	-	-	1318.4
137.8	321.9	731.9	1053.8	-	-	-	1172.9
150.9	-	-	888.5	-	-	-	1051.6
164.0	-	-	767.2	-	-	-	950.2
167.3	-	-	741.9	934.8	-	-	927.0
170.6	-	-	716.5	912.7	-	-	903.9
177.2	-	-	-	875.2	-	-	857.6
190.3	-	-	-	793.7	-	-	760.6
200.1	-	-	-	716.5	-	-	696.1
203.4	-	-	-	-	-	-	674.6
210.0	-	-	-	-	641.5	-	636.0
216.5	-	-	-	-	617.3	-	597.5
226.4	-	-	-	-	584.2	-	546.2
229.7	-	-	-	-	-	-	529.1
242.8	-	-	-	-	-	489.4	485.0
249.3	-	-	-	-	-	474.0	458.6
255.9	-	-	-	-	-	-	432.1
269.0	-	-	-	-	-	-	374.8

177.2 ft + 196.9 ft

ft	SWSL						SFSL
	0 lb	0 lb - 1411,000 lb					
	88°/85°	88°/85°	75°	65°	55°	45°	
	1,000 lb						
85.3	549.0*	868.6*	-	-	-	-	-
91.9	509.3*	851.0*	-	-	-	-	-
98.4	474.0*	833.3*	-	-	-	-	-
105.0	443.1*	906.1	-	-	-	-	884.1
111.5	414.5*	895.1	-	-	-	-	884.1
124.7	366.0*	873.0	-	-	-	-	884.1
137.8	328.5*	809.1	-	-	-	-	884.1
150.9	288.8*	709.9	-	-	-	-	884.1
160.8	263.5*	647.1	881.8	-	-	-	862.0
164.0	255.7*	628.3	848.8	-	-	-	853.2
177.2	227.1*	562.2	740.8	-	-	-	800.3
190.3	203.9*	504.9	654.8	-	-	-	749.6
203.4	184.1*	458.6	582.0	-	-	-	703.3
210.0	165.3	434.3	551.2	-	-	-	683.4
216.5	-	-	524.7	-	-	-	663.6
219.8	-	-	511.5	652.6	-	-	650.9
229.7	-	-	474.0	597.5	-	-	612.9
242.8	-	-	429.9	535.7	-	-	553.4
255.9	-	-	-	485.0	-	-	500.4
269.0	-	-	-	440.9	451.9	-	449.7
282.2	-	-	-	-	425.5	-	405.7
295.3	-	-	-	-	401.2	-	368.2
301.8	-	-	-	-	388.0	-	354.9
308.4	-	-	-	-	-	-	341.7
311.7	-	-	-	-	-	337.3	332.3
321.5	-	-	-	-	-	321.9	304.2
324.8	-	-	-	-	-	317.5	295.4
334.6	-	-	-	-	-	-	269.0
347.8	-	-	-	-	-	-	231.5

177.2 ft + 157.5 ft

ft	SWSL						SFSL
	0 lb	0 lb - 1411,000 lb					
	88°/85°	88°/85°	75°	65°	55°	45°	
	1,000 lb						
72.2	685.6*	1093.5*	-	-	-	-	-
78.7	630.5*	1067.0*	-	-	-	-	-
85.3	582.0*	1038.4*	-	-	-	-	-
91.9	537.9*	1137.6	-	-	-	-	1111.1
98.4	500.4*	1119.9	-	-	-	-	1111.1
111.5	438.7*	1067.0	-	-	-	-	1111.1
124.7	381.4*	906.1	-	-	-	-	1111.1
137.8	330.7*	784.8	-	-	-	-	1093.5
141.1	319.7*	759.5	1080.3	-	-	-	1075.9
150.9	288.8*	690.0	956.8	-	-	-	1020.7
164.0	255.7*	612.9	822.3	-	-	-	950.2
177.2	218.3	537.9	718.7	-	-	-	866.4
190.3	-	-	637.1	-	-	-	789.3
193.6	-	-	619.5	780.4	-	-	770.5
203.4	-	-	571.0	734.1	-	-	714.3
216.5	-	-	-	654.8	-	-	641.5
229.7	-	-	-	584.2	-	-	573.2
236.2	-	-	-	555.6	-	-	543.4
239.5	-	-	-	-	531.3	-	528.6
242.8	-	-	-	-	522.5	-	513.7
255.9	-	-	-	-	489.4	-	458.6
262.5	-	-	-	-	474.0	-	435.4
269.0	-	-	-	-	-	-	418.9
278.9	-	-	-	-	-	399.0	390.8
282.2	-	-	-	-	-	392.4	381.4
285.4	-	-	-	-	-	388.0	369.8
295.3	-	-	-	-	-	-	335.1
308.4	-	-	-	-	-	-	291.0

177.2 ft + 236.2 ft

ft	SWSL						SFSL
	0 lb	0 lb - 1411,000 lb					
	88°/85°	88°/85°	75°	65°	55°	45°	
	1,000 lb						
98.4	447.5*	694.5*	-	-	-	-	-
111.5	390.2*	674.6*	-	-	-	-	-
118.1	368.2*	723.1	-	-	-	-	707.7
124.7	346.1*	716.5	-	-	-	-	707.7
137.8	308.6*	705.5	-	-	-	-	707.7
150.9	275.6*	692.3	-	-	-	-	707.7
164.0	249.1*	623.9	-	-	-	-	707.7
177.2	220.5*	557.8	-	-	-	-	694.5
183.7	209.4*	529.1	692.3	-	-	-	682.3
190.3	197.3*	500.4	650.4	-	-	-	670.2
203.4	177.5*	454.2	579.8	-	-	-	630.5
216.5	159.8*	412.3	520.3	-	-	-	593.0
229.7	144.4*	377.0	469.6	-	-	-	557.8
242.8	131.2*	346.1	425.5	531.3	-	-	526.9
249.3	114.6	321.9	407.9	504.9	-	-	513.7
255.9	-	-	388.0	480.6	-	-	500.4
269.0	-	-	357.1	436.5	-	-	474.0
282.2	-	-	328.5	396.8	-	-	432.1
295.3	-	-	-	363.8	-	-	392.4
298.6	-	-	-	356.0	383.6	-	382.5
308.4	-	-	-	335.1	366.0	-	352.7
321.5	-	-	-	-	346.1	-	319.7
334.6	-	-	-	-	326.3	-	299.8
344.5	-	-	-	-	-	280.0	278.3
347.8	-	-	-	-	-	275.6	271.2
360.9	-	-	-	-	-	260.1	240.3
374.0	-	-	-	-	-	-	210.5

For explanations see page 24

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5																			
177.2 ft + 275.6 ft					177.2 ft + 315.0 ft														
SWSL					SFSL														
0 lb					0 lb - 1411,000 lb														
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°														
ft					ft														
1,000 lb					1,000 lb														
105.0	388.0*	560.0*	-	-	-	-	-	-	-	118.1	319.7*	443.1*	-	-	-	-	-	-	-
111.5	363.8*	557.8*	-	-	-	-	-	-	-	124.7	299.8*	440.9*	-	-	-	-	-	-	-
124.7	319.7*	544.5*	-	-	-	-	-	-	-	137.8	264.6*	434.3*	-	-	-	-	-	-	-
131.2	302.0*	575.4	-	-	-	-	-	-	-	144.4	249.1*	447.5	-	-	-	-	-	-	447.5
137.8	284.4*	573.2	-	-	-	-	-	-	568.8	150.9	235.9*	447.5	-	-	-	-	-	-	447.5
150.9	253.5*	564.4	-	-	-	-	-	-	568.8	164.0	210.5*	440.9	-	-	-	-	-	-	447.5
164.0	227.1*	555.6	-	-	-	-	-	-	568.8	177.2	188.5*	436.5	-	-	-	-	-	-	443.1
177.2	205.0*	544.5	-	-	-	-	-	-	568.8	190.3	168.7*	432.1	-	-	-	-	-	-	440.9
190.3	185.2*	487.2	-	-	-	-	-	-	564.4	203.4	152.1*	425.5	-	-	-	-	-	-	438.7
203.4	165.3*	438.7	560.0	-	-	-	-	-	546.7	216.5	136.7*	394.6	-	-	-	-	-	-	429.9
216.5	147.7*	399.0	504.9	-	-	-	-	-	529.1	223.1	130.1*	377.0	425.5	-	-	-	-	-	426.6
229.7	131.2*	363.8	456.4	-	-	-	-	-	498.2	229.7	123.5*	359.4	425.5	-	-	-	-	-	423.3
242.8	116.8*	332.9	412.3	-	-	-	-	-	467.4	242.8	110.0*	326.3	407.9	-	-	-	-	-	414.5
255.9	104.5*	304.2	374.8	-	-	-	-	-	440.9	255.9	97.0*	299.8	370.4	-	-	-	-	-	405.7
269.0	93.6*	280.0	341.7	421.1	-	-	-	-	418.9	269.0	85.6*	274.5	337.3	-	-	-	-	-	381.4
275.6	88.4*	269.0	328.5	401.2	-	-	-	-	407.9	282.2	75.5*	252.4	308.6	-	-	-	-	-	361.6
282.2	74.2	254.6	313.1	383.6	-	-	-	-	396.8	295.3	66.5*	232.6	282.2	343.9	-	-	-	-	341.7
288.7	69.9	240.3	299.8	366.0	-	-	-	-	386.9	308.4	58.4*	215.0	260.1	315.3	-	-	-	-	324.1
295.3	-	-	288.8	350.5	-	-	-	-	377.0	315.0	54.7*	207.2	249.1	302.0	-	-	-	-	315.3
308.4	-	-	266.8	319.7	-	-	-	-	357.1	321.5	-	-	240.3	288.8	-	-	-	-	306.4
315.0	-	-	255.7	306.4	-	-	-	-	343.9	334.6	-	-	220.5	264.6	-	-	-	-	293.2
321.5	-	-	-	295.4	-	-	-	-	330.7	347.8	-	-	205.0	244.7	-	-	-	-	277.8
328.1	-	-	-	282.2	315.3	-	-	-	315.3	354.3	-	-	197.3	233.7	-	-	-	-	269.0
334.6	-	-	-	271.2	306.4	-	-	-	299.8	360.9	-	-	-	224.9	262.4	-	-	-	260.1
347.8	-	-	-	251.3	288.8	-	-	-	271.2	374.0	-	-	-	208.3	244.7	-	-	-	235.9
360.9	-	-	-	-	273.4	-	-	-	253.5	387.1	-	-	-	192.9	227.1	-	-	-	220.5
374.0	-	-	-	-	251.3	-	-	-	231.5	400.3	-	-	-	-	210.5	-	-	-	201.7
380.6	-	-	-	-	-	220.5	218.3	-	-	413.4	-	-	-	-	194.0	179.7	-	-	178.6
387.1	-	-	-	-	-	215.0	205.0	-	-	426.5	-	-	-	-	-	169.8	-	-	156.5
400.3	-	-	-	-	-	203.9	179.7	-	-	433.1	-	-	-	-	-	165.3	-	-	146.1
413.4	-	-	-	-	-	-	154.3	-	-	439.6	-	-	-	-	-	-	-	-	135.6
										452.8	-	-	-	-	-	-	-	-	113.5

	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
177.2 ft + 354.3 ft					196.9 ft + 118.1 ft				
SWSL					SFSL				
0 lb - 1411,000 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
131.2	262.4*	339.5*	-	-	-	-	-	-	-
137.8	246.9*	339.5*	-	-	-	-	-	-	-
150.9	218.3*	332.9*	-	-	-	-	-	-	-
157.5	206.1*	341.7	-	-	-	-	-	-	-
164.0	194.0*	339.5	-	-	-	-	-	-	341.7
177.2	173.1*	335.1	-	-	-	-	-	-	339.5
190.3	154.3*	330.7	-	-	-	-	-	-	335.1
203.4	137.8*	326.3	-	-	-	-	-	-	332.9
216.5	122.4*	321.9	-	-	-	-	-	-	328.5
229.7	109.8*	319.7	-	-	-	-	-	-	324.1
242.8	97.9*	315.3	315.3	-	-	-	-	-	317.5
255.9	86.6*	288.8	315.3	-	-	-	-	-	313.1
269.0	75.3*	264.6	315.3	-	-	-	-	-	306.4
282.2	65.0*	242.5	297.6	-	-	-	-	-	302.0
295.3	55.8*	222.7	273.4	-	-	-	-	-	297.6
308.4	47.4*	205.0	249.1	-	-	-	-	-	291.0
321.5	39.9*	188.5	229.3	273.4	-	-	-	-	275.6
328.1	36.6*	180.8	220.5	266.8	-	-	-	-	267.9
334.6	33.3*	173.6	211.6	255.7	-	-	-	-	260.1
347.8	27.3*	160.4	194.0	233.7	-	-	-	-	246.9
354.3	24.5*	154.3	186.3	224.9	-	-	-	-	240.3
360.9	-	-	178.6	215.0	-	-	-	-	233.7
374.0	-	-	165.3	198.4	-	-	-	-	222.7
387.1	-	-	152.1	183.0	-	-	-	-	212.7
393.7	-	-	146.6	175.3	208.3	-	-	-	206.7
400.3	-	-	-	168.7	199.5	-	-	-	200.6
413.4	-	-	-	155.4	184.1	-	-	-	186.3
419.9	-	-	-	149.9	176.4	-	-	-	178.0
426.5	-	-	-	-	169.8	-	-	-	169.8
439.6	-	-	-	-	156.5	-	-	-	151.0
446.2	-	-	-	-	151.0	-	-	-	141.1
452.8	-	-	-	-	-	136.7	-	-	131.2
465.9	-	-	-	-	-	129.0	-	-	113.5
472.4	-	-	-	-	-	125.7	-	-	104.4
479.0	-	-	-	-	-	-	95.2	-	95.2
492.1	-	-	-	-	-	-	-	76.7	76.7

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
196.9 ft + 157.5 ft					196.9 ft + 196.9 ft				
SWSL					SFSL				
0 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
72.2	663.6*	1007.5*	-	-	-	-	-	-	-
78.7	610.7*	983.3*	-	-	-	-	-	-	-
85.3	564.4*	956.8*	-	-	-	-	-	-	-
91.9	524.7*	1049.4	-	-	-	-	-	-	1020.7
98.4	487.2*	1031.8	-	-	-	-	-	-	1020.7
111.5	427.7*	998.7	-	-	-	-	-	-	1020.7
124.7	379.2*	923.7	-	-	-	-	-	-	1020.7
137.8	328.5*	798.1	-	-	-	-	-	-	1018.5
147.6	297.6*	722.0	1022.9	-	-	-	-	-	985.5
150.9	288.8*	698.9	1016.3	-	-	-	-	-	972.2
164.0	255.7*	619.5	868.6	-	-	-	-	-	921.5
177.2	215.0	546.7	754.0	-	-	-	-	-	857.6
190.3	-	-	665.8	-	-	-	-	-	780.4
203.4	-	-	593.0	720.9	-	-	-	-	714.3
210.0	-	-	562.2	696.7	-	-	-	-	684.5
216.5	-	-	-	672.4	-	-	-	-	654.8
229.7	-	-	-	626.1	-	-	-	-	604.1
242.8	-	-	-	562.2	-	-	-	-	544.5
246.1	-	-	-	546.7	-	-	-	-	530.8
249.3	-	-	-	-	518.1	-	-	-	517.0
255.9	-	-	-	-	500.4	-	-	-	489.4
269.0	-	-	-	-	469.6	-	-	-	438.7
275.6	-	-	-	-	456.4	-	-	-	414.5
282.2	-	-	-	-	-	-	-	-	390.2
292.0	-	-	-	-	-	-	-	-	361.6
295.3	-	-	-	-	-	-	-	-	357.7
301.8	-	-	-	-	-	-	-	-	354.9
308.4	-	-	-	-	-	-	-	-	346.1
308.4	-	-	-	-	-	-	-	-	338.4
321.5	-	-	-	-	-	-	-	-	326.3
321.5	-	-	-	-	-	-	-	-	284.4
85.3	533.5*	802.5*	-	-	-	-	-	-	-
91.9	493.8*	787.1*	-	-	-	-	-	-	-
98.4	460.8*	771.6*	-	-	-	-	-	-	-
105.0	429.9*	837.8	-	-	-	-	-	-	815.7
111.5	403.4*	828.9	-	-	-	-	-	-	815.7
124.7	357.1*	809.1	-	-	-	-	-	-	815.7
137.8	319.7*	787.1	-	-	-	-	-	-	815.7
150.9	286.6*	734.1	-	-	-	-	-	-	815.7
164.0	253.5*	650.4	-	-	-	-	-	-	800.3
170.6	238.1*	612.9	846.6	-	-	-	-	-	781.5
177.2	224.9*	582.0	793.7	846.6	-	-	-	-	765.0
190.3	202.8*	524.7	696.7	793.7	-	-	-	-	736.3
203.4	183.0*	476.2	621.7	696.7	-	-	-	-	707.7
216.5	154.3	401.2	557.8	476.2	-	-	-	-	665.8
226.4	-	-	517.0	401.2	630.5	-	-	-	626.1
229.7	-	-	504.9	517.0	621.7	-	-	-	612.9
242.8	-	-	458.6	504.9	582.0	-	-	-	566.6
249.3	-	-	438.7	458.6	555.6	-	-	-	546.7
255.9	-	-	-	438.7	529.1	-	-	-	526.9
269.0	-	-	-	-	480.6	-	-	-	478.4
282.2	-	-	-	-	438.7	436.5	-	-	432.1
295.3	-	-	-	-	-	410.1	-	-	390.2
308.4	-	-	-	-	-	388.0	-	-	348.3
311.7	-	-	-	-	-	383.6	-	-	339.0
321.5	-	-	-	-	-	-	-	-	310.9
324.8	-	-	-	-	-	-	306.4	-	303.7
334.6	-	-	-	-	-	-	295.4	-	288.8
337.9	-	-	-	-	-	-	291.0	-	281.6
347.8	-	-	-	-	-	-	-	-	260.1
360.9	-	-	-	-	-	-	-	-	227.1

	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5							
196.9 ft + 236.2 ft				196.9 ft + 275.6 ft			
SWSL				SFSL			
0 lb				0 lb - 1411,000 lb			
88°/85° 88°/85° 75° 65° 55° 45°				88°/85° 88°/85° 75° 65° 55° 45°			
ft				ft			
1,000 lb				1,000 lb			
98.4	434.3*	646.0*	-	-	-	-	-
111.5	381.4*	626.1*	-	-	-	-	-
118.1	357.1*	670.2	-	-	-	-	657.0
124.7	337.3*	668.0	-	-	-	-	657.0
137.8	299.8*	654.8	-	-	-	-	657.0
150.9	269.0*	643.8	-	-	-	-	657.0
164.0	242.5*	628.3	-	-	-	-	657.0
177.2	219.4*	586.4	-	-	-	-	650.4
190.3	196.2*	526.9	683.4	-	-	-	630.5
203.4	176.4*	476.2	626.1	-	-	-	612.9
216.5	158.7*	434.3	560.0	-	-	-	590.8
229.7	143.3*	396.8	504.9	-	-	-	573.2
242.8	130.1*	348.3	458.6	-	-	-	553.4
249.3	111.3	324.1	438.7	-	-	-	541.2
252.6	-	-	428.8	535.7	-	-	535.2
255.9	-	-	418.9	531.3	-	-	529.1
269.0	-	-	383.6	480.6	-	-	491.6
282.2	-	-	352.7	436.5	-	-	456.4
295.3	-	-	-	399.0	-	-	414.5
308.4	-	-	-	366.0	-	-	377.0
311.7	-	-	-	358.3	370.4	-	368.2
315.0	-	-	-	350.5	366.0	-	359.4
321.5	-	-	-	-	354.9	-	341.7
334.6	-	-	-	-	335.1	-	306.4
347.8	-	-	-	-	317.5	-	275.6
360.9	-	-	-	-	-	253.5	251.3
374.0	-	-	-	-	-	242.5	233.7
387.1	-	-	-	-	-	-	205.0
400.3	-	-	-	-	-	-	176.4
105.0	377.0*	522.5*	-	-	-	-	-
111.5	352.7*	520.3*	-	-	-	-	-
124.7	310.9*	507.1*	-	-	-	-	-
131.2	293.2*	537.9	-	-	-	-	529.1
137.8	275.6*	535.7	-	-	-	-	529.1
150.9	246.9*	529.1	-	-	-	-	529.1
164.0	220.5*	520.3	-	-	-	-	529.1
177.2	198.4*	511.5	-	-	-	-	529.1
190.3	179.7*	502.7	-	-	-	-	529.1
203.4	162.0*	463.0	-	-	-	-	518.1
210.0	154.3*	440.9	533.5	-	-	-	511.5
216.5	145.5*	418.9	533.5	-	-	-	504.9
229.7	130.1*	381.4	491.6	-	-	-	491.6
242.8	115.7*	350.5	445.3	-	-	-	478.4
255.9	103.2*	321.9	403.4	-	-	-	465.2
269.0	92.3*	293.2	368.2	-	-	-	449.7
275.6	87.1*	277.8	352.7	-	-	-	437.6
282.2	71.3	259.0	337.3	423.3	-	-	425.5
288.7	67.0	240.3	324.1	403.4	-	-	415.6
295.3	-	-	310.9	385.8	-	-	405.7
308.4	-	-	286.6	352.7	-	-	385.8
321.5	-	-	264.6	324.1	-	-	350.5
334.6	-	-	-	297.6	-	-	319.7
341.2	-	-	-	286.6	306.4	-	304.2
347.8	-	-	-	275.6	297.6	-	288.8
354.3	-	-	-	264.6	288.8	-	274.5
360.9	-	-	-	-	280.0	-	260.1
374.0	-	-	-	-	266.8	-	231.5
387.1	-	-	-	-	253.5	-	211.6
393.7	-	-	-	-	-	206.1	204.5
400.3	-	-	-	-	-	201.7	197.3
413.4	-	-	-	-	-	191.8	174.2
426.5	-	-	-	-	-	-	149.9
439.6	-	-	-	-	-	-	125.7

	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5							
196.9 ft + 315.0 ft				196.9 ft + 354.3 ft			
SWSL		SFSL		SWSL		SFSL	
0 lb		0 lb - 1411,000 lb		0 lb		0 lb - 1411,000 lb	
88°/85°		88°/85°		75°		65°	
55°		45°		88°/85°		88°/85°	
ft		1,000 lb		ft		1,000 lb	
118.1	308.6*	418.9*	-	-	-	-	-
124.7	291.0*	416.7*	-	-	-	-	-
137.8	255.7*	407.9*	-	-	-	-	-
144.4	242.5*	425.5	-	-	-	-	423.3
150.9	227.1*	425.5	-	-	-	-	423.3
164.0	203.9*	418.9	-	-	-	-	423.3
177.2	183.0*	414.5	-	-	-	-	421.1
190.3	164.2*	410.1	-	-	-	-	421.1
203.4	146.6*	405.7	-	-	-	-	418.9
216.5	132.3*	399.0	-	-	-	-	412.3
229.7	119.0*	377.0	407.9	-	-	-	405.7
242.8	107.4*	343.9	407.9	-	-	-	399.0
255.9	95.9*	315.3	399.0	-	-	-	392.4
269.0	84.5*	289.9	363.8	-	-	-	383.6
282.2	74.4*	266.8	332.9	-	-	-	377.0
295.3	65.4*	245.8	304.2	-	-	-	368.2
301.8	61.1*	235.9	293.2	363.8	-	-	359.4
308.4	57.2*	223.8	280.0	348.3	-	-	350.5
315.0	53.4*	211.6	269.0	332.9	-	-	341.7
321.5	40.0	197.9	257.9	317.5	-	-	332.9
328.1	36.8	184.1	249.1	304.2	-	-	325.2
334.6	-	-	238.1	293.2	-	-	317.5
347.8	-	-	220.5	269.0	-	-	302.0
360.9	-	-	205.0	249.1	-	-	277.8
374.0	-	-	-	229.3	255.7	-	251.3
387.1	-	-	-	212.7	240.3	-	224.9
393.7	-	-	-	205.0	233.7	-	213.8
400.3	-	-	-	-	227.1	-	202.8
413.4	-	-	-	-	216.1	-	181.9
419.9	-	-	-	-	209.4	-	175.3
426.5	-	-	-	-	-	170.9	168.7
439.6	-	-	-	-	-	162.0	152.1
446.2	-	-	-	-	-	158.7	141.6
452.8	-	-	-	-	-	-	131.2
465.9	-	-	-	-	-	-	110.2
131.2	253.5*	324.1*	-	-	-	-	-
137.8	238.1*	321.9*	-	-	-	-	-
150.9	211.6*	315.3*	-	-	-	-	-
157.5	198.4*	324.1	-	-	-	-	324.1
164.0	187.4*	324.1	-	-	-	-	324.1
177.2	166.4*	319.7	-	-	-	-	324.1
190.3	148.8*	317.5	-	-	-	-	321.9
203.4	132.3*	313.1	-	-	-	-	317.5
216.5	117.9*	308.6	-	-	-	-	315.3
229.7	105.4*	304.2	-	-	-	-	310.9
242.8	93.7*	302.0	-	-	-	-	306.4
249.3	88.2*	299.8	297.6	-	-	-	304.2
255.9	83.1*	297.6	297.6	-	-	-	302.0
269.0	73.3*	280.0	297.6	-	-	-	297.6
282.2	63.7*	256.8	297.6	-	-	-	291.0
295.3	54.6*	237.0	295.4	-	-	-	286.6
308.4	46.3*	218.3	271.2	-	-	-	282.2
321.5	38.8*	201.2	249.1	-	-	-	275.6
328.1	35.3*	192.9	238.1	262.4	-	-	273.4
334.6	32.1*	185.2	229.3	262.4	-	-	271.2
347.8	26.1*	167.0	210.5	257.9	-	-	266.8
354.3	23.4*	156.5	202.8	246.9	-	-	261.2
360.9	-	-	194.0	238.1	-	-	255.7
374.0	-	-	179.7	219.4	-	-	242.5
387.1	-	-	166.4	202.8	-	-	231.5
400.3	-	-	153.2	187.4	213.8	-	212.7
413.4	-	-	-	173.1	201.7	-	190.7
426.5	-	-	-	159.8	190.7	-	169.8
433.1	-	-	-	154.3	184.1	-	159.8
439.6	-	-	-	-	177.5	-	152.1
452.8	-	-	-	-	164.2	-	141.1
459.3	-	-	-	-	157.6	-	133.9
465.9	-	-	-	-	-	131.2	126.8
479.0	-	-	-	-	-	123.5	109.1
485.6	-	-	-	-	-	120.2	100.3
492.1	-	-	-	-	-	-	91.5
505.3	-	-	-	-	-	-	73.6

	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1,190,700 lb	1,411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5							
216.5 ft + 118.1 ft				216.5 ft + 157.5 ft			
SWSL		SFSL		SWSL		SFSL	
0 lb		0 lb - 1411,000 lb		0 lb		0 lb - 1411,000 lb	
88°/85°		88°/85°		75°		65°	
55°		45°		88°/85°		88°/85°	
ft		1,000 lb		ft		1,000 lb	
59.1	828.9*	1181.7*	-	-	-	-	-
65.6	751.8*	1164.0*	-	-	-	-	-
72.2	685.6*	1126.6*	-	-	-	-	-
78.7	630.5*	1239.0	-	-	-	-	-
85.3	584.2*	1214.7	-	-	-	-	1203.7
91.9	542.3*	1188.3	-	-	-	-	1203.7
98.4	504.9*	1164.0	-	-	-	-	1203.7
111.5	443.1*	1034.0	-	-	-	-	1203.7
124.7	383.6*	873.0	-	-	-	-	1186.1
131.2	354.9*	809.1	-	-	-	-	1161.8
134.5	325.2	781.5	1183.9	-	-	-	1146.4
137.8	313.1	754.0	1168.5	-	-	-	1131.0
150.9	-	-	1007.5	-	-	-	1031.8
164.0	-	-	855.4	-	-	-	928.1
177.2	-	-	738.5	-	-	-	840.0
183.7	-	-	-	806.9	-	-	801.4
190.3	-	-	-	776.0	-	-	762.8
203.4	-	-	-	718.7	-	-	696.7
216.5	-	-	-	670.2	-	-	639.3
229.7	-	-	-	-	-	-	588.6
232.9	-	-	-	-	582.0	-	574.3
242.8	-	-	-	-	555.6	-	531.3
249.3	-	-	-	-	537.9	-	502.7
255.9	-	-	-	-	-	-	474.0
269.0	-	-	-	-	-	-	418.9
282.2	-	-	-	-	-	-	368.2
295.3	-	-	-	-	-	-	337.3
72.2	643.8*	934.8*	-	-	-	-	-
78.7	593.0*	923.7*	-	-	-	-	-
85.3	546.7*	899.5*	-	-	-	-	-
91.9	509.3*	981.1	-	-	-	-	954.6
98.4	474.0*	972.2	-	-	-	-	954.6
111.5	416.7*	941.4	-	-	-	-	954.6
124.7	368.2*	908.3	-	-	-	-	954.6
137.8	326.3*	811.3	-	-	-	-	954.6
150.9	286.6*	707.7	-	-	-	-	930.4
154.2	277.8*	686.7	972.2	-	-	-	918.2
164.0	253.5*	628.3	919.3	-	-	-	884.1
177.2	210.5	562.2	793.7	-	-	-	844.4
190.3	-	-	696.7	-	-	-	769.4
203.4	-	-	617.3	-	-	-	703.3
210.0	-	-	584.2	679.0	-	-	674.6
216.5	-	-	553.4	654.8	-	-	646.0
229.7	-	-	-	612.9	-	-	593.0
242.8	-	-	-	575.4	-	-	546.7
252.6	-	-	-	549.0	-	-	517.0
255.9	-	-	-	-	-	-	507.1
262.5	-	-	-	-	489.4	-	483.9
269.0	-	-	-	-	474.0	-	460.8
282.2	-	-	-	-	445.3	-	412.3
285.4	-	-	-	-	440.9	-	401.2
295.3	-	-	-	-	-	-	368.2
305.1	-	-	-	-	-	339.5	336.8
308.4	-	-	-	-	-	335.1	326.3
315.0	-	-	-	-	-	326.3	306.4
321.5	-	-	-	-	-	-	293.2
334.6	-	-	-	-	-	-	271.2

	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5													
216.5 ft + 196.9 ft					216.5 ft + 236.2 ft								
SWSL		SFSL			SWSL		SFSL						
0 lb		0 lb - 1411,000 lb			0 lb		0 lb - 1411,000 lb						
88°/85°		88°/85°			75°		65°						
55°		45°			88°/85°		88°/85°						
ft		1,000 lb			ft		1,000 lb						
85.3	515.9*	758.4*	-	-	-	-	98.4	421.1*	610.7*	-	-	-	-
91.9	480.6*	743.0*	-	-	-	-	111.5	370.4*	593.0*	-	-	-	-
98.4	447.5*	729.7*	-	-	-	-	118.1	346.1*	634.9	-	-	-	621.7
105.0	418.9*	787.1	-	-	-	-	124.7	326.3*	632.7	-	-	-	621.7
111.5	392.4*	782.6	-	-	-	-	137.8	291.0*	621.7	-	-	-	621.7
124.7	348.3*	762.8	-	-	-	-	150.9	260.1*	608.5	-	-	-	621.7
137.8	310.9*	743.0	-	-	-	-	164.0	235.9*	595.2	-	-	-	621.7
150.9	280.0*	723.1	-	-	-	-	177.2	213.8*	582.0	-	-	-	621.7
164.0	251.3*	659.2	-	-	-	-	190.3	194.0*	537.9	-	-	-	604.1
177.2	224.9*	588.6	809.1	-	-	-	196.9	185.2*	511.5	650.4	-	-	593.0
190.3	201.7*	529.1	731.9	-	-	-	203.4	175.3*	485.0	646.0	-	-	584.2
203.4	180.8*	480.6	648.2	-	-	-	216.5	157.6*	440.9	588.6	-	-	566.6
216.5	151.0	414.5	579.8	-	-	-	229.7	142.2*	403.4	529.1	-	-	546.7
229.7	-	-	522.5	-	-	-	242.8	129.0*	357.1	478.4	-	-	529.1
236.2	-	-	498.2	586.4	-	-	255.9	103.6	306.4	436.5	-	-	511.5
242.8	-	-	474.0	566.6	-	-	262.5	-	-	416.7	507.1	-	497.1
255.9	-	-	434.3	533.5	-	-	269.0	-	-	399.0	491.6	-	482.8
269.0	-	-	-	502.7	-	-	282.2	-	-	366.0	463.0	-	447.5
282.2	-	-	-	463.0	-	-	288.7	-	-	350.5	445.3	-	432.1
288.7	-	-	-	443.1	-	-	295.3	-	-	-	425.5	-	416.7
292.0	-	-	-	-	421.1	-	308.4	-	-	-	390.2	-	388.0
295.3	-	-	-	-	414.5	-	321.5	-	-	-	357.1	357.1	357.1
308.4	-	-	-	-	390.2	-	328.1	-	-	-	343.9	348.3	339.5
321.5	-	-	-	-	370.4	-	334.6	-	-	-	-	337.3	321.9
334.6	-	-	-	-	-	-	347.8	-	-	-	-	319.7	291.0
337.9	-	-	-	-	-	-	360.9	-	-	-	-	304.2	260.1
347.8	-	-	-	-	-	-	374.0	-	-	-	-	-	231.5
351.1	-	-	-	-	-	-	387.1	-	-	-	-	222.7	209.4
360.9	-	-	-	-	-	-	390.4	-	-	-	-	220.5	205.6
374.0	-	-	-	-	-	-	400.3	-	-	-	-	-	194.0
							413.4	-	-	-	-	-	168.7

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5							
216.5 ft + 275.6 ft				216.5 ft + 315.0 ft			
SWSL		SFSL		SWSL		SFSL	
0 lb		0 lb - 1411,000 lb		0 lb		0 lb - 1411,000 lb	
88°/85°		88°/85°		75°		65°	
55°		45°		88°/85°		88°/85°	
ft		1,000 lb		ft		1,000 lb	
105.0	366.0*	493.8*	-	-	-	-	-
111.5	341.7*	493.8*	-	-	-	-	-
124.7	302.0*	480.6*	-	-	-	-	-
131.2	284.4*	511.5	-	-	-	-	502.7
137.8	266.8*	511.5	-	-	-	-	502.7
150.9	238.1*	502.7	-	-	-	-	502.7
164.0	213.8*	496.0	-	-	-	-	502.7
177.2	192.9*	487.2	-	-	-	-	502.7
190.3	174.2*	478.4	-	-	-	-	502.7
203.4	156.5*	469.6	-	-	-	-	493.8
216.5	142.2*	427.7	511.5	-	-	-	482.8
229.7	127.9*	390.2	511.5	-	-	-	471.8
242.8	113.5*	354.9	465.2	-	-	-	460.8
255.9	101.6*	326.3	421.1	-	-	-	447.5
269.0	90.9*	297.6	383.6	-	-	-	436.5
275.6	85.8*	282.2	368.2	-	-	-	431.0
282.2	68.5	264.6	352.7	-	-	-	425.5
288.7	64.2	246.9	337.3	429.9	-	-	417.8
295.3	-	-	321.9	412.3	-	-	410.1
308.4	-	-	297.6	374.8	-	-	381.4
321.5	-	-	273.4	343.9	-	-	354.9
328.1	-	-	262.4	328.5	-	-	342.8
334.6	-	-	-	315.3	-	-	330.7
347.8	-	-	-	291.0	-	-	302.0
354.3	-	-	-	280.0	291.0	-	287.7
360.9	-	-	-	269.0	282.2	-	273.4
374.0	-	-	-	-	266.8	-	244.7
387.1	-	-	-	-	253.5	-	220.5
393.7	-	-	-	-	246.9	-	207.8
400.3	-	-	-	-	-	-	195.1
406.8	-	-	-	-	-	185.2	183.0
413.4	-	-	-	-	-	179.7	173.1
426.5	-	-	-	-	-	169.8	159.8
439.6	-	-	-	-	-	-	141.1
452.8	-	-	-	-	-	-	119.0
118.1	299.8*	399.0*	-	-	-	-	-
124.7	280.0*	396.8*	-	-	-	-	-
137.8	249.1*	388.0*	-	-	-	-	-
144.4	233.7*	407.9	-	-	-	-	403.4
150.9	220.5*	407.9	-	-	-	-	403.4
164.0	197.3*	403.4	-	-	-	-	403.4
177.2	176.4*	396.8	-	-	-	-	403.4
190.3	157.6*	392.4	-	-	-	-	403.4
203.4	142.2*	385.8	-	-	-	-	403.4
216.5	127.9*	381.4	-	-	-	-	401.2
229.7	114.6*	374.8	-	-	-	-	392.4
236.2	108.9*	368.2	392.4	-	-	-	389.1
242.8	103.2*	350.5	392.4	-	-	-	385.8
255.9	92.4*	321.9	392.4	-	-	-	379.2
269.0	82.8*	295.4	381.4	-	-	-	372.6
282.2	73.2*	271.2	346.1	-	-	-	366.0
295.3	64.0*	250.2	317.5	-	-	-	357.1
308.4	56.0*	228.7	291.0	-	-	-	350.5
315.0	52.2*	217.2	280.0	350.5	-	-	346.1
321.5	37.4	202.8	269.0	339.5	-	-	341.7
328.1	34.2	188.5	257.9	324.1	-	-	336.2
334.6	-	-	246.9	310.9	-	-	330.7
347.8	-	-	229.3	286.6	-	-	308.6
360.9	-	-	212.7	262.4	-	-	288.8
367.5	-	-	203.9	253.5	-	-	275.6
374.0	-	-	-	242.5	-	-	262.4
387.1	-	-	-	224.9	242.5	-	235.9
400.3	-	-	-	208.3	229.3	-	213.8
413.4	-	-	-	-	217.2	-	190.7
426.5	-	-	-	-	206.1	-	168.7
433.1	-	-	-	-	201.7	-	158.2
439.6	-	-	-	-	-	-	147.7
446.2	-	-	-	-	-	144.4	141.6
452.8	-	-	-	-	-	141.1	135.6
459.3	-	-	-	-	-	137.8	129.0
465.9	-	-	-	-	-	-	122.4
479.0	-	-	-	-	-	-	103.4
492.1	-	-	-	-	-	-	83.6

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
216.5 ft + 354.3 ft					236.2 ft + 118.1 ft				
SWSL					SFSL				
0 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
131.2	244.7*	310.9*	-	-	-	-	-	-	-
137.8	229.3*	308.6*	-	-	-	-	-	-	-
150.9	203.9*	304.2*	-	-	-	-	-	-	-
157.5	191.8*	313.1	-	-	-	-	-	-	-
164.0	180.8*	313.1	-	-	-	-	-	-	313.1
177.2	160.9*	308.6	-	-	-	-	-	-	313.1
190.3	143.3*	306.4	-	-	-	-	-	-	310.9
203.4	126.8*	302.0	-	-	-	-	-	-	308.6
216.5	113.5*	297.6	-	-	-	-	-	-	304.2
229.7	101.0*	295.4	-	-	-	-	-	-	302.0
242.8	89.5*	291.0	-	-	-	-	-	-	297.6
255.9	79.1*	288.8	288.8	-	-	-	-	-	293.2
269.0	69.8*	280.0	288.8	-	-	-	-	-	288.8
282.2	61.1*	262.4	288.8	-	-	-	-	-	284.4
295.3	52.9*	240.3	286.6	-	-	-	-	-	277.8
308.4	45.1*	221.0	282.2	-	-	-	-	-	273.4
321.5	37.7*	204.5	257.9	-	-	-	-	-	269.0
328.1	34.3*	196.2	246.9	-	-	-	-	-	266.8
334.6	31.0*	188.5	238.1	-	-	-	-	-	264.6
341.2	27.8*	180.8	227.1	251.3	-	-	-	-	262.4
347.8	25.0*	170.9	219.4	251.3	-	-	-	-	260.1
354.3	22.3*	160.9	210.5	251.3	-	-	-	-	256.8
360.9	-	149.9	202.8	251.3	-	-	-	-	253.5
367.5	-	138.9	194.0	242.5	-	-	-	-	251.3
374.0	-	-	186.3	231.5	-	-	-	-	249.1
387.1	-	-	173.1	215.0	-	-	-	-	242.5
400.3	-	-	159.8	198.4	-	-	-	-	220.5
413.4	-	-	-	183.0	202.8	-	-	-	200.6
426.5	-	-	-	169.8	190.7	-	-	-	179.7
439.6	-	-	-	156.5	180.8	-	-	-	159.8
452.8	-	-	-	-	170.9	-	-	-	140.0
465.9	-	-	-	-	162.0	-	-	-	122.4
472.4	-	-	-	-	157.6	-	-	-	115.2
479.0	-	-	-	-	-	112.4	-	-	110.2
492.1	-	-	-	-	-	107.4	-	-	101.0
498.7	-	-	-	-	-	104.7	-	-	92.5
518.4	-	-	-	-	-	-	67.0	-	67.0
531.5	-	-	-	-	-	-	-	49.6	49.6

0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1,190,700 lb	1,411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
236.2 ft + 157.5 ft					236.2 ft + 196.9 ft				
SWSL					SFSL				
0 lb - 1411,000 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
72.2	621.7*	859.8*	-	-	-	-	-	-	-
78.7	573.2*	848.8*	-	-	-	-	-	-	-
85.3	531.3*	828.9*	-	-	-	-	-	-	-
91.9	493.8*	901.7	-	-	-	-	-	-	875.2
98.4	460.8*	892.9	-	-	-	-	-	-	875.2
111.5	403.4*	864.2	-	-	-	-	-	-	875.2
124.7	359.4*	833.3	-	-	-	-	-	-	875.2
137.8	321.9*	804.7	-	-	-	-	-	-	875.2
150.9	284.4*	718.7	-	-	-	-	-	-	864.2
157.5	266.8*	674.6	912.7	-	-	-	-	-	846.6
164.0	251.3*	634.9	912.7	-	-	-	-	-	826.7
170.6	235.9*	599.7	897.3	-	-	-	-	-	806.9
177.2	207.2	566.6	837.8	-	-	-	-	-	791.5
190.3	-	-	729.7	-	-	-	-	-	760.6
203.4	-	-	643.8	-	-	-	-	-	694.5
216.5	-	-	575.4	-	-	-	-	-	634.9
219.8	-	-	560.0	628.3	-	-	-	-	621.7
223.1	-	-	544.5	617.3	-	-	-	-	608.5
229.7	-	-	-	597.5	-	-	-	-	582.0
242.8	-	-	-	560.0	-	-	-	-	537.9
255.9	-	-	-	526.9	-	-	-	-	496.0
262.5	-	-	-	511.5	-	-	-	-	477.3
269.0	-	-	-	-	-	-	-	-	458.6
272.3	-	-	-	-	454.2	-	-	-	450.3
282.2	-	-	-	-	434.3	-	-	-	425.5
295.3	-	-	-	-	412.3	-	-	-	383.6
308.4	-	-	-	-	-	-	-	-	343.9
318.2	-	-	-	-	-	-	-	317.5	315.8
321.5	-	-	-	-	-	-	-	313.1	306.4
328.1	-	-	-	-	-	-	-	304.2	287.7
334.6	-	-	-	-	-	-	-	-	269.0
347.8	-	-	-	-	-	-	-	-	240.3
85.3	500.4*	698.9*	-	-	-	-	-	-	-
91.9	465.2*	685.6*	-	-	-	-	-	-	-
98.4	434.3*	672.4*	-	-	-	-	-	-	-
105.0	405.7*	727.5	-	-	-	-	-	-	707.7
111.5	381.4*	723.1	-	-	-	-	-	-	707.7
124.7	337.3*	705.5	-	-	-	-	-	-	707.7
137.8	302.0*	685.6	-	-	-	-	-	-	707.7
150.9	271.2*	665.8	-	-	-	-	-	-	707.7
164.0	244.7*	646.0	-	-	-	-	-	-	707.7
177.2	222.7*	595.2	738.5	-	-	-	-	-	685.6
190.3	199.5*	535.7	734.1	-	-	-	-	-	663.6
203.4	179.7*	485.0	676.8	-	-	-	-	-	634.9
216.5	147.7	425.5	604.1	-	-	-	-	-	615.1
229.7	-	-	542.3	-	-	-	-	-	593.0
242.8	-	-	491.6	553.4	-	-	-	-	549.0
255.9	-	-	447.5	520.3	-	-	-	-	507.1
269.0	-	-	-	489.4	-	-	-	-	469.6
282.2	-	-	-	460.8	-	-	-	-	434.3
295.3	-	-	-	436.5	-	-	-	-	403.4
301.8	-	-	-	-	-	-	392.4	-	389.1
308.4	-	-	-	-	-	-	381.4	-	374.8
321.5	-	-	-	-	-	-	363.8	-	343.9
334.6	-	-	-	-	-	-	346.1	-	308.6
347.8	-	-	-	-	-	-	-	-	275.6
354.3	-	-	-	-	-	-	-	264.6	260.1
360.9	-	-	-	-	-	-	-	257.9	244.7
364.2	-	-	-	-	-	-	-	253.5	237.3
374.0	-	-	-	-	-	-	-	-	215.0
387.1	-	-	-	-	-	-	-	-	197.3

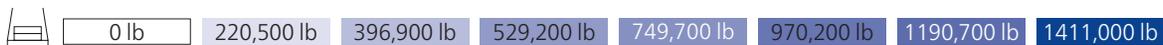
0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
236.2 ft + 236.2 ft					236.2 ft + 275.6 ft				
SWSL					SFSL				
0 lb - 1411,000 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
98.4	407.9*	566.6*	-	-	-	-	-	-	-
111.5	357.1*	549.0*	-	-	-	-	-	-	-
118.1	337.3*	586.4	-	-	-	-	-	-	573.2
124.7	317.5*	586.4	-	-	-	-	-	-	573.2
137.8	282.2*	575.4	-	-	-	-	-	-	573.2
150.9	253.5*	564.4	-	-	-	-	-	-	573.2
164.0	229.3*	551.2	-	-	-	-	-	-	573.2
177.2	207.2*	537.9	-	-	-	-	-	-	573.2
190.3	188.5*	524.7	-	-	-	-	-	-	564.4
196.9	179.7*	518.1	599.7	-	-	-	-	-	556.7
203.4	170.9*	493.8	599.7	-	-	-	-	-	549.0
216.5	156.5*	449.7	593.0	-	-	-	-	-	533.5
229.7	141.1*	410.1	553.4	-	-	-	-	-	515.9
242.8	126.8*	366.0	500.4	-	-	-	-	-	502.7
255.9	100.5	315.3	454.2	-	-	-	-	-	487.2
269.0	-	-	414.5	478.4	-	-	-	-	474.0
282.2	-	-	379.2	449.7	-	-	-	-	438.7
295.3	-	-	346.1	425.5	-	-	-	-	407.9
308.4	-	-	-	403.4	-	-	-	-	379.2
321.5	-	-	-	379.2	-	-	-	-	352.7
334.6	-	-	-	348.3	332.9	-	-	-	328.5
347.8	-	-	-	-	317.5	-	-	-	302.0
360.9	-	-	-	-	302.0	-	-	-	271.2
367.5	-	-	-	-	293.2	-	-	-	256.8
374.0	-	-	-	-	-	242.5	-	-	242.5
387.1	-	-	-	-	-	-	219.4	-	217.2
400.3	-	-	-	-	-	-	208.3	-	190.7
413.4	-	-	-	-	-	-	-	170.9	170.9
426.5	-	-	-	-	-	-	-	-	156.5
111.5	330.7*	458.6*	-	-	-	-	-	-	-
124.7	291.0*	445.3*	-	-	-	-	-	-	-
137.8	257.9*	476.2	-	-	-	-	-	-	465.2
150.9	231.5*	467.4	-	-	-	-	-	-	465.2
164.0	207.2*	458.6	-	-	-	-	-	-	465.2
177.2	186.3*	451.9	-	-	-	-	-	-	465.2
190.3	167.6*	443.1	-	-	-	-	-	-	465.2
203.4	152.1*	434.3	-	-	-	-	-	-	463.0
216.5	136.7*	425.5	476.2	-	-	-	-	-	454.2
229.7	124.6*	394.6	476.2	-	-	-	-	-	445.3
242.8	112.4*	361.6	476.2	-	-	-	-	-	436.5
255.9	100.3*	330.7	440.9	-	-	-	-	-	427.7
269.0	89.4*	303.1	401.2	-	-	-	-	-	414.5
275.6	84.2*	288.8	381.4	-	-	-	-	-	409.0
282.2	65.5	271.2	366.0	-	-	-	-	-	403.4
288.7	61.3	253.5	350.5	-	-	-	-	-	399.0
295.3	-	-	335.1	405.7	-	-	-	-	394.6
308.4	-	-	308.6	383.6	-	-	-	-	372.6
321.5	-	-	284.4	363.8	-	-	-	-	346.1
334.6	-	-	260.1	335.1	-	-	-	-	321.9
347.8	-	-	-	308.6	-	-	-	-	299.8
360.9	-	-	-	284.4	-	-	-	-	280.0
367.5	-	-	-	273.4	271.2	-	-	-	266.8
374.0	-	-	-	262.4	264.6	-	-	-	253.5
387.1	-	-	-	-	251.3	-	-	-	227.1
400.3	-	-	-	-	238.1	-	-	-	203.9
406.8	-	-	-	-	231.5	-	-	-	192.4
413.4	-	-	-	-	-	-	-	-	180.8
426.5	-	-	-	-	-	-	-	165.3	157.6
439.6	-	-	-	-	-	-	-	156.5	137.8
452.8	-	-	-	-	-	-	-	-	126.8
465.9	-	-	-	-	-	-	-	-	109.3



19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5																			
236.2 ft + 315.0 ft					236.2 ft + 354.3 ft														
SWSL					SFSL														
0 lb					0 lb - 1411,000 lb														
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°														
ft					ft														
1,000 lb					1,000 lb														
118.1	288.8*	368.2*	-	-	-	-	-	-	-	131.2	235.9*	293.2*	-	-	-	-	-	-	-
124.7	271.2*	368.2*	-	-	-	-	-	-	-	137.8	222.7*	291.0*	-	-	-	-	-	-	-
137.8	240.3*	361.6*	-	-	-	-	-	-	-	150.9	196.2*	286.6*	-	-	-	-	-	-	-
150.9	213.8*	381.4	-	-	-	-	-	-	374.8	164.0	174.2*	295.4	-	-	-	-	-	-	293.2
164.0	190.7*	374.8	-	-	-	-	-	-	374.8	177.2	154.3*	291.0	-	-	-	-	-	-	293.2
177.2	169.8*	370.4	-	-	-	-	-	-	374.8	190.3	137.8*	288.8	-	-	-	-	-	-	293.2
190.3	152.1*	366.0	-	-	-	-	-	-	374.8	203.4	122.4*	284.4	-	-	-	-	-	-	291.0
203.4	136.7*	359.4	-	-	-	-	-	-	374.8	216.5	108.7*	280.0	-	-	-	-	-	-	288.8
216.5	122.4*	354.9	-	-	-	-	-	-	374.8	229.7	96.3*	275.6	-	-	-	-	-	-	284.4
229.7	110.2*	348.3	-	-	-	-	-	-	368.2	242.8	85.1*	271.2	-	-	-	-	-	-	282.2
236.2	104.3*	346.1	370.4	-	-	-	-	-	366.0	255.9	75.0*	266.8	273.4	-	-	-	-	-	275.6
242.8	98.8*	343.9	370.4	-	-	-	-	-	363.8	269.0	65.9*	262.4	273.4	-	-	-	-	-	271.2
255.9	88.4*	326.3	370.4	-	-	-	-	-	357.1	282.2	57.4*	256.8	273.4	-	-	-	-	-	266.8
269.0	79.0*	299.8	370.4	-	-	-	-	-	350.5	295.3	49.6*	243.6	273.4	-	-	-	-	-	262.4
282.2	70.3*	275.6	361.6	-	-	-	-	-	346.1	308.4	42.4*	224.9	273.4	-	-	-	-	-	257.9
295.3	62.4*	254.6	330.7	-	-	-	-	-	337.3	315.0	39.1*	216.1	273.4	-	-	-	-	-	255.7
308.4	54.9*	232.6	304.2	-	-	-	-	-	330.7	321.5	35.8*	207.8	269.0	-	-	-	-	-	253.5
315.0	51.1*	220.5	291.0	-	-	-	-	-	327.4	334.6	29.7*	191.8	246.9	-	-	-	-	-	249.1
321.5	34.8	207.2	280.0	330.7	-	-	-	-	324.1	341.2	26.7*	184.1	235.9	-	-	-	-	-	245.8
328.1	31.7	194.0	266.8	330.7	-	-	-	-	320.8	347.8	-	174.2	227.1	240.3	-	-	-	-	242.5
334.6	-	-	257.9	330.7	-	-	-	-	317.5	354.3	-	164.2	218.3	240.3	-	-	-	-	240.3
347.8	-	-	238.1	302.0	-	-	-	-	302.0	360.9	-	153.2	209.4	240.3	-	-	-	-	238.1
360.9	-	-	220.5	277.8	-	-	-	-	280.0	367.5	-	142.2	201.7	240.3	-	-	-	-	235.9
367.5	-	-	211.6	266.8	-	-	-	-	270.1	374.0	-	-	194.0	240.3	-	-	-	-	233.7
374.0	-	-	-	257.9	-	-	-	-	260.1	387.1	-	-	178.6	227.1	-	-	-	-	229.3
387.1	-	-	-	238.1	-	-	-	-	242.5	400.3	-	-	165.3	209.4	-	-	-	-	222.7
393.7	-	-	-	229.3	233.7	-	-	-	231.5	406.8	-	-	158.7	201.7	-	-	-	-	213.8
400.3	-	-	-	220.5	227.1	-	-	-	220.5	413.4	-	-	-	194.0	-	-	-	-	205.0
406.8	-	-	-	211.6	220.5	-	-	-	208.9	426.5	-	-	-	178.6	188.5	-	-	-	184.1
413.4	-	-	-	-	215.0	-	-	-	197.3	439.6	-	-	-	165.3	177.5	-	-	-	165.3
426.5	-	-	-	-	203.9	-	-	-	176.4	446.2	-	-	-	159.8	173.1	-	-	-	155.4
439.6	-	-	-	-	192.9	-	-	-	155.4	452.8	-	-	-	-	167.6	-	-	-	145.5
446.2	-	-	-	-	188.5	-	-	-	145.5	465.9	-	-	-	-	158.7	-	-	-	127.9
452.8	-	-	-	-	-	-	-	-	135.6	479.0	-	-	-	-	151.0	-	-	-	110.2
459.3	-	-	-	-	-	-	-	-	131.2	485.6	-	-	-	-	146.6	-	-	-	102.0
465.9	-	-	-	-	-	-	-	-	127.9	492.1	-	-	-	-	-	-	97.9	-	94.8
479.0	-	-	-	-	-	-	-	-	120.2	511.8	-	-	-	-	-	-	89.9	-	80.4
492.1	-	-	-	-	-	-	-	-	93.3	518.4	-	-	-	-	-	-	-	-	73.9
505.3	-	-	-	-	-	-	-	-	74.7	531.5	-	-	-	-	-	-	-	-	57.8
										544.6	-	-	-	-	-	-	-	-	41.7

	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
255.9 ft + 118.1 ft					255.9 ft + 157.5 ft				
SWSL					SFSL				
0 lb - 1411,000 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft	1,000 lb								
65.6	701.1*	989.9*	-	-	-	-	-	-	-
72.2	641.5*	961.2*	-	-	-	-	-	-	-
78.7	593.0*	930.4*	-	-	-	-	-	-	-
85.3	549.0*	1034.0	-	-	-	-	-	-	1014.1
91.9	509.3*	1011.9	-	-	-	-	-	-	1014.1
98.4	476.2*	989.9	-	-	-	-	-	-	1014.1
111.5	418.9*	945.8	-	-	-	-	-	-	1014.1
124.7	374.8*	903.9	-	-	-	-	-	-	1014.1
131.2	350.5*	837.8	-	-	-	-	-	-	1014.1
137.8	304.2	778.2	-	-	-	-	-	-	994.3
144.4	284.4	725.3	1020.7	-	-	-	-	-	967.8
150.9	-	-	1020.7	-	-	-	-	-	941.4
164.0	-	-	941.4	-	-	-	-	-	899.5
177.2	-	-	822.3	-	-	-	-	-	820.1
190.3	-	-	712.1	-	-	-	-	-	743.0
200.1	-	-	-	696.7	-	-	-	-	693.4
203.4	-	-	-	685.6	-	-	-	-	676.8
216.5	-	-	-	637.1	-	-	-	-	617.3
229.7	-	-	-	595.2	-	-	-	-	566.6
232.9	-	-	-	586.4	-	-	-	-	555.0
242.8	-	-	-	-	-	-	-	-	520.3
252.6	-	-	-	-	493.8	-	-	-	490.5
255.9	-	-	-	-	485.0	-	-	-	480.6
269.0	-	-	-	-	458.6	-	-	-	443.1
282.2	-	-	-	-	-	-	-	-	405.7
295.3	-	-	-	-	-	-	-	-	361.6
298.6	-	-	-	-	-	-	-	354.9	351.1
305.1	-	-	-	-	-	-	-	343.9	330.1
308.4	-	-	-	-	-	-	-	-	319.7
321.5	-	-	-	-	-	-	-	-	280.0
334.6	-	-	-	-	-	-	-	-	246.9
72.2	601.9*	798.1*	-	-	-	-	-	-	-
78.7	555.6*	789.3*	-	-	-	-	-	-	-
85.3	513.7*	769.4*	-	-	-	-	-	-	-
91.9	478.4*	749.6*	-	-	-	-	-	-	-
98.4	447.5*	831.1	-	-	-	-	-	-	811.3
111.5	392.4*	802.5	-	-	-	-	-	-	811.3
124.7	348.3*	773.8	-	-	-	-	-	-	811.3
137.8	313.1*	745.2	-	-	-	-	-	-	811.3
150.9	282.2*	718.7	-	-	-	-	-	-	809.1
164.0	249.1*	643.8	851.0	-	-	-	-	-	782.6
170.6	233.7*	606.3	851.0	-	-	-	-	-	760.6
177.2	202.8	573.2	835.6	-	-	-	-	-	747.4
183.7	191.8	529.1	815.7	-	-	-	-	-	734.1
190.3	-	-	767.2	-	-	-	-	-	720.9
203.4	-	-	672.4	-	-	-	-	-	683.4
216.5	-	-	597.5	-	-	-	-	-	626.1
223.1	-	-	566.6	-	-	-	-	-	599.7
226.4	-	-	-	590.8	-	-	-	-	586.4
229.7	-	-	-	582.0	-	-	-	-	573.2
242.8	-	-	-	544.5	-	-	-	-	526.9
255.9	-	-	-	511.5	-	-	-	-	485.0
269.0	-	-	-	482.8	-	-	-	-	447.5
282.2	-	-	-	-	-	-	-	-	414.5
285.4	-	-	-	-	-	-	412.3	-	406.8
295.3	-	-	-	-	-	-	394.6	-	383.6
308.4	-	-	-	-	-	-	374.8	-	354.9
321.5	-	-	-	-	-	-	-	-	317.5
334.6	-	-	-	-	-	-	-	-	282.2
341.2	-	-	-	-	-	-	-	288.8	265.7
347.8	-	-	-	-	-	-	-	280.0	249.1
360.9	-	-	-	-	-	-	-	-	217.2
374.0	-	-	-	-	-	-	-	-	197.3

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
255.9 ft + 196.9 ft					255.9 ft + 236.2 ft				
SWSL					SFSL				
0 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
85.3	485.0*	646.0*	-	-	-	-	-	-	-
91.9	451.9*	639.3*	-	-	-	-	-	-	-
98.4	421.1*	628.3*	-	-	-	-	-	-	-
111.5	370.4*	676.8	-	-	-	-	-	-	659.2
124.7	328.5*	657.0	-	-	-	-	-	-	659.2
137.8	293.2*	639.3	-	-	-	-	-	-	659.2
150.9	264.6*	621.7	-	-	-	-	-	-	659.2
164.0	238.1*	601.9	-	-	-	-	-	-	659.2
177.2	217.2*	584.2	-	-	-	-	-	-	646.0
183.7	207.2*	571.0	692.3	-	-	-	-	-	636.0
190.3	198.4*	542.3	690.0	-	-	-	-	-	626.1
203.4	178.6*	489.4	676.8	-	-	-	-	-	601.9
216.5	144.4	429.9	628.3	-	-	-	-	-	584.2
229.7	-	-	562.2	-	-	-	-	-	566.6
242.8	-	-	509.3	-	-	-	-	-	540.1
252.6	-	-	474.0	513.7	-	-	-	-	508.7
255.9	-	-	463.0	504.9	-	-	-	-	498.2
262.5	-	-	440.9	489.4	-	-	-	-	479.5
269.0	-	-	-	476.2	-	-	-	-	460.8
282.2	-	-	-	449.7	-	-	-	-	425.5
295.3	-	-	-	425.5	-	-	-	-	394.6
308.4	-	-	-	403.4	-	-	-	-	366.0
315.0	-	-	-	-	357.1	-	-	-	352.7
321.5	-	-	-	-	348.3	-	-	-	339.5
334.6	-	-	-	-	330.7	-	-	-	317.5
341.2	-	-	-	-	321.9	-	-	-	302.0
347.8	-	-	-	-	-	286.6	-	-	286.6
360.9	-	-	-	-	-	255.7	-	-	255.7
367.5	-	-	-	-	-	244.7	241.4	-	241.4
374.0	-	-	-	-	-	238.1	227.1	-	227.1
380.6	-	-	-	-	-	231.5	212.7	-	212.7
387.1	-	-	-	-	-	-	198.4	-	198.4
400.3	-	-	-	-	-	-	173.1	-	173.1
413.4	-	-	-	-	-	-	159.8	-	159.8
98.4	394.6*	529.1*	-	-	-	-	-	-	-
111.5	346.1*	513.7*	-	-	-	-	-	-	-
124.7	306.4*	551.2	-	-	-	-	-	-	535.7
137.8	273.4*	537.9	-	-	-	-	-	-	535.7
150.9	244.7*	526.9	-	-	-	-	-	-	535.7
164.0	220.5*	513.7	-	-	-	-	-	-	535.7
177.2	200.6*	502.7	-	-	-	-	-	-	535.7
190.3	181.9*	489.4	-	-	-	-	-	-	531.3
203.4	165.3*	478.4	560.0	-	-	-	-	-	518.1
216.5	151.0*	456.4	560.0	-	-	-	-	-	507.1
229.7	138.9*	416.7	551.2	-	-	-	-	-	493.8
242.8	125.7*	366.0	520.3	-	-	-	-	-	476.2
255.9	97.2	315.3	471.8	-	-	-	-	-	465.2
269.0	-	-	432.1	-	-	-	-	-	451.9
282.2	-	-	394.6	436.5	-	-	-	-	429.9
295.3	-	-	359.4	412.3	-	-	-	-	399.0
301.8	-	-	335.1	401.2	-	-	-	-	384.7
308.4	-	-	-	390.2	-	-	-	-	370.4
321.5	-	-	-	370.4	-	-	-	-	343.9
334.6	-	-	-	352.7	-	-	-	-	319.7
341.2	-	-	-	343.9	-	-	-	-	308.6
347.8	-	-	-	-	302.0	-	-	-	297.6
360.9	-	-	-	-	286.6	-	-	-	275.6
374.0	-	-	-	-	273.4	-	-	-	251.3
380.6	-	-	-	-	269.0	-	-	-	238.1
387.1	-	-	-	-	-	-	-	-	224.9
400.3	-	-	-	-	-	-	201.7	-	199.5
413.4	-	-	-	-	-	-	190.7	-	175.3
426.5	-	-	-	-	-	-	-	-	151.0
439.6	-	-	-	-	-	-	-	-	135.6

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5															
255.9 ft + 275.6 ft					255.9 ft + 315.0 ft										
		SWSL				SFSL									
0 lb		0 lb - 1411,000 lb				0 lb		0 lb - 1411,000 lb							
		88°/85°	88°/85°	75°	65°	55°	45°			88°/85°	88°/85°	75°	65°	55°	45°
ft		1,000 lb													
111.5	319.7*	429.9*	-	-	-	-	-	118.1	280.0*	346.1*	-	-	-	-	-
124.7	282.2*	418.9*	-	-	-	-	-	124.7	262.4*	346.1*	-	-	-	-	-
137.8	251.3*	445.3	-	-	-	-	436.5	137.8	231.5*	337.3*	-	-	-	-	-
150.9	222.7*	438.7	-	-	-	-	436.5	150.9	206.1*	357.1	-	-	-	-	350.5
164.0	200.6*	429.9	-	-	-	-	436.5	164.0	184.1*	352.7	-	-	-	-	350.5
177.2	179.7*	423.3	-	-	-	-	436.5	177.2	164.2*	348.3	-	-	-	-	350.5
190.3	162.0*	414.5	-	-	-	-	436.5	190.3	146.6*	343.9	-	-	-	-	350.5
203.4	146.6*	405.7	-	-	-	-	434.3	203.4	131.2*	337.3	-	-	-	-	350.5
216.5	132.3*	396.8	-	-	-	-	427.7	216.5	117.9*	332.9	-	-	-	-	350.5
223.1	125.7*	394.6	445.3	-	-	-	423.3	229.7	105.4*	326.3	-	-	-	-	348.3
229.7	119.0*	390.2	445.3	-	-	-	418.9	242.8	94.4*	321.9	348.3	-	-	-	341.7
242.8	108.2*	370.4	445.3	-	-	-	412.3	255.9	84.2*	315.3	348.3	-	-	-	337.3
255.9	98.1*	339.5	445.3	-	-	-	403.4	269.0	75.0*	304.2	348.3	-	-	-	332.9
269.0	88.0*	307.5	418.9	-	-	-	392.4	282.2	66.6*	285.5	348.3	-	-	-	326.3
275.6	82.9*	288.8	401.2	-	-	-	388.0	295.3	58.9*	261.2	348.3	-	-	-	321.9
282.2	62.4	271.2	383.6	-	-	-	383.6	308.4	51.7*	234.8	319.7	-	-	-	313.1
288.7	58.2	253.5	366.0	-	-	-	379.2	315.0	48.3*	220.5	306.4	-	-	-	309.7
295.3	-	-	350.5	-	-	-	374.8	321.5	30.8	206.7	295.4	-	-	-	306.4
301.8	-	-	337.3	381.4	-	-	369.3	328.1	27.8	192.9	282.2	310.9	-	-	304.2
308.4	-	-	324.1	370.4	-	-	363.8	334.6	-	-	271.2	310.9	-	-	302.0
321.5	-	-	297.6	350.5	-	-	337.3	347.8	-	-	251.3	306.4	-	-	293.2
334.6	-	-	269.0	332.9	-	-	313.1	360.9	-	-	233.7	288.8	-	-	271.2
341.2	-	-	251.3	324.1	-	-	302.0	374.0	-	-	208.3	275.6	-	-	253.5
347.8	-	-	-	315.3	-	-	291.0	387.1	-	-	-	255.7	-	-	233.7
360.9	-	-	-	299.8	-	-	271.2	400.3	-	-	-	238.1	-	-	218.3
374.0	-	-	-	282.2	253.5	-	251.3	406.8	-	-	-	229.3	213.8	-	209.4
380.6	-	-	-	271.2	246.9	-	241.4	413.4	-	-	-	220.5	208.3	-	200.6
387.1	-	-	-	-	242.5	-	231.5	419.9	-	-	-	212.7	202.8	-	190.1
400.3	-	-	-	-	229.3	-	209.4	426.5	-	-	-	-	198.4	-	179.7
413.4	-	-	-	-	220.5	-	186.3	439.6	-	-	-	-	188.5	-	159.8
419.9	-	-	-	-	216.1	-	175.3	452.8	-	-	-	-	178.6	-	140.0
426.5	-	-	-	-	-	-	164.2	459.3	-	-	-	-	174.2	-	130.6
439.6	-	-	-	-	-	-	149.9	465.9	-	-	-	-	-	-	121.3
452.8	-	-	-	-	-	-	142.2	472.4	-	-	-	-	-	116.8	112.5
465.9	-	-	-	-	-	-	107.6	479.0	-	-	-	-	-	113.5	103.8
479.0	-	-	-	-	-	-	97.7	492.1	-	-	-	-	-	107.6	90.6
								518.4	-	-	-	-	-	-	64.4

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1,190,700 lb 1,411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
255.9 ft + 354.3 ft					275.6 ft + 118.1 ft				
SWSL					SFSL				
0 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
131.2	227.1*	277.8*	-	-	-	-	-	-	-
137.8	213.8*	275.6*	-	-	-	-	-	-	-
150.9	188.5*	271.2*	-	-	-	-	-	-	-
164.0	167.6*	280.0	-	-	-	-	-	-	280.0
177.2	147.7*	277.8	-	-	-	-	-	-	280.0
190.3	131.2*	275.6	-	-	-	-	-	-	277.8
203.4	116.8*	271.2	-	-	-	-	-	-	277.8
216.5	103.6*	266.8	-	-	-	-	-	-	275.6
229.7	91.5*	262.4	-	-	-	-	-	-	273.4
242.8	80.7*	257.9	-	-	-	-	-	-	271.2
255.9	70.8*	253.5	-	-	-	-	-	-	266.8
262.5	66.1*	253.5	262.4	-	-	-	-	-	264.6
269.0	61.8*	251.3	262.4	-	-	-	-	-	262.4
282.2	53.6*	245.8	262.4	-	-	-	-	-	257.9
295.3	46.0*	234.8	262.4	-	-	-	-	-	253.5
301.8	42.4*	227.1	262.4	-	-	-	-	-	250.2
308.4	38.9*	219.9	262.4	-	-	-	-	-	246.9
321.5	32.4*	205.6	260.1	-	-	-	-	-	242.5
334.6	26.5*	190.7	260.1	-	-	-	-	-	238.1
341.2	23.6*	183.0	251.3	-	-	-	-	-	235.9
347.8	-	173.1	240.3	-	-	-	-	-	233.7
354.3	-	163.1	231.5	229.3	-	-	-	-	231.5
360.9	-	152.1	222.7	229.3	-	-	-	-	229.3
367.5	-	141.1	215.0	229.3	-	-	-	-	226.0
374.0	-	-	206.1	229.3	-	-	-	-	222.7
387.1	-	-	190.7	229.3	-	-	-	-	219.4
400.3	-	-	176.4	227.1	-	-	-	-	215.0
413.4	-	-	155.4	210.5	-	-	-	-	199.5
426.5	-	-	-	195.1	-	-	-	-	184.1
439.6	-	-	-	179.7	172.0	-	-	-	167.6
452.8	-	-	-	167.6	162.0	-	-	-	148.8
465.9	-	-	-	-	153.2	-	-	-	131.2
479.0	-	-	-	-	145.5	-	-	-	113.5
492.1	-	-	-	-	137.8	-	-	-	97.4
505.3	-	-	-	-	-	-	-	84.9	81.4
518.4	-	-	-	-	-	-	-	79.1	69.7
524.9	-	-	-	-	-	-	-	76.5	65.1
531.5	-	-	-	-	-	-	-	-	60.6
544.6	-	-	-	-	-	-	-	-	47.4
557.7	-	-	-	-	-	-	-	-	32.0

0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb
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19.7 ft steps of luffing jib is standard
 * Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
275.6 ft + 157.5 ft					275.6 ft + 196.9 ft				
SWSL					SFSL				
0 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
78.7	535.7*	727.5*	-	-	-	-	-	-	-
85.3	498.2*	709.9*	-	-	-	-	-	-	-
91.9	463.0*	692.3*	-	-	-	-	-	-	-
98.4	432.1*	765.0	-	-	-	-	-	-	-
111.5	381.4*	738.5	-	-	-	-	-	-	743.0
124.7	339.5*	712.1	-	-	-	-	-	-	743.0
137.8	304.2*	683.4	-	-	-	-	-	-	743.0
150.9	273.4*	657.0	-	-	-	-	-	-	743.0
164.0	246.9*	634.9	-	-	-	-	-	-	725.3
170.6	231.5*	615.1	778.2	-	-	-	-	-	713.2
177.2	198.4	579.8	776.0	-	-	-	-	-	701.1
183.7	187.4	544.5	767.2	-	-	-	-	-	681.2
190.3	-	-	754.0	-	-	-	-	-	670.2
203.4	-	-	705.5	-	-	-	-	-	646.0
216.5	-	-	623.9	-	-	-	-	-	615.1
229.7	-	-	557.8	-	-	-	-	-	562.2
236.2	-	-	-	546.7	-	-	-	-	539.0
242.8	-	-	-	529.1	-	-	-	-	515.9
255.9	-	-	-	496.0	-	-	-	-	474.0
269.0	-	-	-	467.4	-	-	-	-	438.7
275.6	-	-	-	454.2	-	-	-	-	421.1
282.2	-	-	-	-	-	-	-	-	403.4
295.3	-	-	-	-	377.0	-	-	-	372.6
308.4	-	-	-	-	357.1	-	-	-	346.1
318.2	-	-	-	-	343.9	-	-	-	326.3
321.5	-	-	-	-	-	-	-	-	319.7
334.6	-	-	-	-	-	-	-	-	288.8
347.8	-	-	-	-	-	-	-	262.4	257.9
357.6	-	-	-	-	-	-	-	253.5	234.8
360.9	-	-	-	-	-	-	-	-	227.1
374.0	-	-	-	-	-	-	-	-	197.3
387.1	-	-	-	-	-	-	-	-	170.9
85.3	467.4*	595.2*	-	-	-	-	-	-	-
91.9	436.5*	590.8*	-	-	-	-	-	-	-
98.4	407.9*	579.8*	-	-	-	-	-	-	-
111.5	357.1*	619.5	-	-	-	-	-	-	606.3
124.7	317.5*	606.3	-	-	-	-	-	-	606.3
137.8	284.4*	588.6	-	-	-	-	-	-	606.3
150.9	255.7*	571.0	-	-	-	-	-	-	606.3
164.0	231.5*	553.4	-	-	-	-	-	-	606.3
177.2	210.5*	535.7	-	-	-	-	-	-	597.5
190.3	191.8*	515.9	637.1	-	-	-	-	-	582.0
203.4	175.3*	496.0	626.1	-	-	-	-	-	564.4
216.5	140.0	438.7	615.1	-	-	-	-	-	542.3
223.1	132.3	401.2	606.3	-	-	-	-	-	534.6
229.7	-	-	586.4	-	-	-	-	-	526.9
242.8	-	-	526.9	-	-	-	-	-	511.5
255.9	-	-	478.4	-	-	-	-	-	487.2
259.2	-	-	467.4	482.8	-	-	-	-	477.9
269.0	-	-	436.5	460.8	-	-	-	-	449.7
282.2	-	-	-	434.3	-	-	-	-	416.7
295.3	-	-	-	412.3	-	-	-	-	385.8
308.4	-	-	-	390.2	-	-	-	-	357.1
315.0	-	-	-	379.2	-	-	-	-	343.9
321.5	-	-	-	-	-	-	-	-	330.7
324.8	-	-	-	-	326.3	-	-	-	324.6
334.6	-	-	-	-	315.3	-	-	-	306.4
347.8	-	-	-	-	299.8	-	-	-	284.4
354.3	-	-	-	-	293.2	-	-	-	272.3
360.9	-	-	-	-	-	-	-	-	260.1
374.0	-	-	-	-	-	-	-	-	231.5
380.6	-	-	-	-	-	-	222.7	-	218.8
387.1	-	-	-	-	-	-	216.1	-	206.1
393.7	-	-	-	-	-	-	210.5	-	192.9
400.3	-	-	-	-	-	-	-	-	179.7
413.4	-	-	-	-	-	-	-	-	154.3
426.5	-	-	-	-	-	-	-	-	136.7



19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5																			
275.6 ft + 236.2 ft					275.6 ft + 275.6 ft														
SWSL					SFSL														
0 lb					0 lb - 1411,000 lb														
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°														
ft					ft														
1,000 lb					1,000 lb														
98.4	381.4*	485.0*	-	-	-	-	-	-	-	111.5	308.6*	396.8*	-	-	-	-	-	-	-
111.5	335.1*	474.0*	-	-	-	-	-	-	-	124.7	273.4*	385.8*	-	-	-	-	-	-	-
124.7	297.6*	507.1	-	-	-	-	-	-	493.8	137.8	242.5*	410.1	-	-	-	-	-	-	401.2
137.8	264.6*	496.0	-	-	-	-	-	-	493.8	150.9	216.1*	405.7	-	-	-	-	-	-	401.2
150.9	238.1*	485.0	-	-	-	-	-	-	493.8	164.0	192.9*	396.8	-	-	-	-	-	-	401.2
164.0	215.0*	474.0	-	-	-	-	-	-	493.8	177.2	173.1*	390.2	-	-	-	-	-	-	401.2
177.2	194.0*	460.8	-	-	-	-	-	-	493.8	190.3	156.5*	381.4	-	-	-	-	-	-	401.2
190.3	176.4*	449.7	-	-	-	-	-	-	493.8	203.4	141.1*	372.6	-	-	-	-	-	-	401.2
203.4	159.8*	438.7	-	-	-	-	-	-	482.8	216.5	126.8*	366.0	-	-	-	-	-	-	396.8
210.0	153.2*	429.9	513.7	-	-	-	-	-	477.3	229.7	114.6*	357.1	410.1	-	-	-	-	-	390.2
216.5	146.6*	423.3	513.7	-	-	-	-	-	471.8	242.8	103.6*	346.1	410.1	-	-	-	-	-	383.6
229.7	133.4*	407.9	511.5	-	-	-	-	-	463.0	255.9	93.7*	335.1	410.1	-	-	-	-	-	377.0
242.8	122.4*	372.6	498.2	-	-	-	-	-	451.9	269.0	84.7*	310.9	407.9	-	-	-	-	-	370.4
255.9	93.5	324.1	489.4	-	-	-	-	-	436.5	275.6	80.2*	293.2	401.2	-	-	-	-	-	362.7
269.0	-	-	445.3	-	-	-	-	-	425.5	282.2	58.6	275.6	394.6	-	-	-	-	-	359.4
282.2	-	-	407.9	-	-	-	-	-	414.5	288.7	54.9	257.9	379.2	-	-	-	-	-	356.0
288.7	-	-	390.2	412.3	-	-	-	-	402.3	295.3	-	-	361.6	-	-	-	-	-	352.7
295.3	-	-	374.8	399.0	-	-	-	-	390.2	308.4	-	-	332.9	-	-	-	-	-	346.1
308.4	-	-	330.7	379.2	-	-	-	-	361.6	315.0	-	-	319.7	348.3	-	-	-	-	337.3
321.5	-	-	-	359.4	-	-	-	-	335.1	321.5	-	-	306.4	339.5	-	-	-	-	328.5
334.6	-	-	-	339.5	-	-	-	-	310.9	334.6	-	-	284.4	319.7	-	-	-	-	304.2
347.8	-	-	-	324.1	-	-	-	-	288.8	341.2	-	-	266.8	313.1	-	-	-	-	293.2
354.3	-	-	-	-	280.0	-	-	-	277.8	347.8	-	-	-	304.2	-	-	-	-	282.2
360.9	-	-	-	-	273.4	-	-	-	266.8	360.9	-	-	-	288.8	-	-	-	-	260.1
374.0	-	-	-	-	260.1	-	-	-	246.9	374.0	-	-	-	275.6	-	-	-	-	242.5
387.1	-	-	-	-	249.1	-	-	-	227.1	387.1	-	-	-	262.4	227.1	-	-	-	222.7
393.7	-	-	-	-	242.5	-	-	-	215.5	400.3	-	-	-	-	217.2	-	-	-	207.2
400.3	-	-	-	-	-	-	-	-	203.9	413.4	-	-	-	-	206.1	-	-	-	188.5
413.4	-	-	-	-	-	-	-	-	179.7	426.5	-	-	-	-	197.3	-	-	-	166.4
419.9	-	-	-	-	-	-	-	-	176.4	433.1	-	-	-	-	192.9	-	-	-	156.5
426.5	-	-	-	-	-	-	-	-	172.0	439.6	-	-	-	-	-	-	-	-	146.6
439.6	-	-	-	-	-	-	-	-	134.5	452.8	-	-	-	-	-	-	132.3	-	126.8
452.8	-	-	-	-	-	-	-	-	114.6	465.9	-	-	-	-	-	-	125.7	-	107.4
465.9	-	-	-	-	-	-	-	-	105.4	479.0	-	-	-	-	-	-	-	-	91.5
										492.1	-	-	-	-	-	-	-	-	82.0
										505.3	-	-	-	-	-	-	-	-	65.0

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb

19.7 ft steps of luffing jib is standard

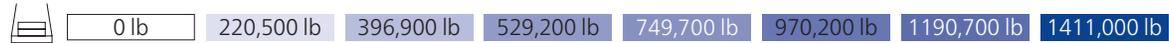
* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5													
275.6 ft + 315.0 ft					275.6 ft + 354.3 ft								
SWSL		SFSL			SWSL		SFSL						
0 lb		0 lb - 1411,000 lb			0 lb		0 lb - 1411,000 lb						
88°/85°		88°/85°			75°		65°						
55°		45°			88°/85°		88°/85°						
ft		1,000 lb			ft		1,000 lb						
124.7	253.5*	319.7*	-	-	-	-	131.2	219.4*	257.9*	-	-	-	-
137.8	222.7*	313.1*	-	-	-	-	137.8	205.0*	257.9*	-	-	-	-
150.9	198.4*	330.7	-	-	-	324.1	150.9	180.8*	251.3*	-	-	-	-
164.0	176.4*	326.3	-	-	-	324.1	164.0	159.8*	262.4	-	-	-	260.1
177.2	157.6*	321.9	-	-	-	324.1	177.2	141.1*	260.1	-	-	-	260.1
190.3	140.0*	315.3	-	-	-	324.1	190.3	125.7*	255.7	-	-	-	260.1
203.4	125.7*	310.9	-	-	-	324.1	203.4	111.3*	251.3	-	-	-	257.9
216.5	112.4*	304.2	-	-	-	324.1	216.5	98.3*	249.1	-	-	-	257.9
229.7	100.5*	299.8	-	-	-	321.9	229.7	86.6*	244.7	-	-	-	255.7
242.8	89.7*	293.2	-	-	-	317.5	242.8	76.1*	240.3	-	-	-	255.7
249.3	84.7*	291.0	321.9	-	-	315.3	255.9	66.6*	235.9	-	-	-	251.3
255.9	79.8*	288.8	321.9	-	-	313.1	269.0	57.8*	233.7	246.9	-	-	246.9
269.0	70.9*	280.0	321.9	-	-	308.6	282.2	49.6*	229.3	246.9	-	-	242.5
282.2	62.6*	271.2	321.9	-	-	304.2	288.7	45.8*	227.1	246.9	-	-	240.3
295.3	55.0*	259.0	321.9	-	-	299.8	295.3	42.1*	221.0	246.9	-	-	238.1
308.4	48.2*	238.1	321.9	-	-	295.4	308.4	35.3*	208.3	246.9	-	-	233.7
315.0	45.0*	224.9	315.3	-	-	288.8	321.5	29.0*	195.7	246.9	-	-	231.5
321.5	25.9	211.1	302.0	-	-	286.6	328.1	26.0	189.6	246.9	-	-	229.3
328.1	23.1	197.3	291.0	-	-	284.4	334.6	-	183.5	246.9	-	-	227.1
334.6	-	-	280.0	-	-	282.2	347.8	-	171.4	246.9	-	-	222.7
341.2	-	-	269.0	273.4	-	280.0	354.3	-	165.3	238.1	-	-	218.3
347.8	-	-	257.9	273.4	-	277.8	360.9	-	154.9	229.3	215.0	-	216.1
360.9	-	-	238.1	271.2	-	262.4	367.5	-	144.4	220.5	215.0	-	213.8
374.0	-	-	219.4	264.6	-	244.7	374.0	-	-	211.6	215.0	-	211.6
380.6	-	-	205.0	257.9	-	234.8	387.1	-	-	196.2	215.0	-	207.2
387.1	-	-	-	251.3	-	224.9	400.3	-	-	181.9	215.0	-	202.8
400.3	-	-	-	238.1	-	209.4	413.4	-	-	164.2	213.8	-	190.7
413.4	-	-	-	227.1	-	192.9	419.9	-	-	153.2	208.3	-	183.0
419.9	-	-	-	222.7	189.6	185.7	426.5	-	-	-	203.9	-	175.3
426.5	-	-	-	215.0	185.2	178.6	439.6	-	-	-	188.5	-	160.9
439.6	-	-	-	-	176.4	160.9	446.2	-	-	-	181.9	157.6	154.3
452.8	-	-	-	-	167.6	141.1	452.8	-	-	-	175.3	153.2	147.7
465.9	-	-	-	-	160.9	123.5	465.9	-	-	-	163.1	145.5	130.1
479.0	-	-	-	-	-	106.0	479.0	-	-	-	-	136.7	113.5
485.6	-	-	-	-	-	101.9	492.1	-	-	-	-	129.0	98.1
492.1	-	-	-	-	-	98.8	505.3	-	-	-	-	122.4	82.2
505.3	-	-	-	-	-	92.6	518.4	-	-	-	-	-	70.3
518.4	-	-	-	-	-	63.3	531.5	-	-	-	-	-	65.0
531.5	-	-	-	-	-	51.6	544.6	-	-	-	-	-	60.2
							557.7	-	-	-	-	-	32.4



19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
295.3 ft + 118.1 ft					295.3 ft + 157.5 ft				
SWSL					SWSL				
SFSL					SFSL				
0 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
65.6	652.6*	826.7*	-	-	-	-	-	-	-
72.2	599.7*	802.5*	-	-	-	-	-	-	-
78.7	553.4*	778.2*	-	-	-	-	-	-	-
85.3	513.7*	868.6	-	-	-	-	-	-	-
91.9	478.4*	848.8	-	-	-	-	-	840.0	-
98.4	447.5*	828.9	-	-	-	-	-	840.0	-
111.5	394.6*	789.3	-	-	-	-	-	840.0	-
124.7	352.7*	751.8	-	-	-	-	-	840.0	-
131.2	335.1*	736.3	-	-	-	-	-	840.0	-
137.8	284.4	723.1	-	-	-	-	-	840.0	-
144.4	269.0	707.7	-	-	-	-	-	831.1	-
150.9	-	-	-	-	-	-	-	815.7	-
154.2	-	-	866.4	-	-	-	-	809.1	-
164.0	-	-	857.6	-	-	-	-	776.0	-
177.2	-	-	824.5	-	-	-	-	749.6	-
190.3	-	-	769.4	-	-	-	-	723.1	-
196.9	-	-	736.3	-	-	-	-	688.9	-
203.4	-	-	-	-	-	-	-	654.8	-
216.5	-	-	-	-	-	-	-	597.5	-
219.8	-	-	-	590.8	-	-	-	584.2	-
229.7	-	-	-	562.2	-	-	-	544.5	-
242.8	-	-	-	526.9	-	-	-	500.4	-
249.3	-	-	-	511.5	-	-	-	479.5	-
255.9	-	-	-	-	-	-	-	458.6	-
269.0	-	-	-	-	-	-	-	421.1	-
275.6	-	-	-	-	407.9	-	-	404.5	-
282.2	-	-	-	-	396.8	-	-	388.0	-
292.0	-	-	-	-	381.4	-	-	364.9	-
295.3	-	-	-	-	-	-	-	357.1	-
308.4	-	-	-	-	-	-	-	330.7	-
321.5	-	-	-	-	-	-	-	299.8	-
334.6	-	-	-	-	-	-	-	266.8	-
347.8	-	-	-	-	-	-	-	233.7	-
360.9	-	-	-	-	-	-	-	200.6	-
78.7	518.1*	668.0*	-	-	-	-	-	-	-
85.3	480.6*	650.4*	-	-	-	-	-	-	-
91.9	447.5*	634.9*	-	-	-	-	-	-	-
98.4	418.9*	696.7	-	-	-	-	-	-	681.2
111.5	368.2*	676.8	-	-	-	-	-	-	681.2
124.7	328.5*	652.6	-	-	-	-	-	-	681.2
137.8	293.2*	626.1	-	-	-	-	-	-	681.2
150.9	264.6*	599.7	-	-	-	-	-	-	681.2
164.0	240.3*	579.8	-	-	-	-	-	-	670.2
170.6	229.3*	568.8	-	-	-	-	-	-	661.4
177.2	192.9	560.0	707.7	-	-	-	-	-	652.6
183.7	183.0	549.0	698.9	-	-	-	-	-	641.5
190.3	-	-	690.0	-	-	-	-	-	630.5
203.4	-	-	668.0	-	-	-	-	-	604.1
216.5	-	-	646.0	-	-	-	-	-	584.2
229.7	-	-	579.8	-	-	-	-	-	553.4
236.2	-	-	549.0	-	-	-	-	-	530.2
242.8	-	-	-	511.5	-	-	-	-	507.1
255.9	-	-	-	480.6	-	-	-	-	465.2
269.0	-	-	-	451.9	-	-	-	-	427.7
282.2	-	-	-	427.7	-	-	-	-	394.6
295.3	-	-	-	-	-	-	-	-	363.8
308.4	-	-	-	-	-	341.7	-	-	335.1
321.5	-	-	-	-	-	324.1	-	-	310.9
328.1	-	-	-	-	-	315.3	-	-	298.7
334.6	-	-	-	-	-	-	-	-	286.6
347.8	-	-	-	-	-	-	-	-	262.4
360.9	-	-	-	-	-	-	-	238.1	233.7
370.7	-	-	-	-	-	-	-	229.3	212.2
374.0	-	-	-	-	-	-	-	-	205.0
387.1	-	-	-	-	-	-	-	-	177.5
400.3	-	-	-	-	-	-	-	-	149.9

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5													
295.3 ft + 196.9 ft					295.3 ft + 236.2 ft								
SWSL		SFSL			SWSL		SFSL						
0 lb		0 lb - 1411,000 lb			0 lb		0 lb - 1411,000 lb						
88°/85°		88°/85°			75°		65°						
55°		45°			88°/85°		88°/85°						
ft		1,000 lb			ft		1,000 lb						
85.3	451.9*	549.0*	-	-	-	-	98.4	370.4*	447.5*	-	-	-	-
91.9	421.1*	544.5*	-	-	-	-	111.5	324.1*	436.5*	-	-	-	-
98.4	394.6*	533.5*	-	-	-	-	124.7	286.6*	465.2	-	-	-	454.2
111.5	346.1*	571.0	-	-	-	-	137.8	255.7*	456.4	-	-	-	454.2
124.7	308.6*	557.8	-	-	-	-	150.9	229.3*	445.3	-	-	-	454.2
137.8	275.6*	540.1	-	-	-	-	164.0	207.2*	434.3	-	-	-	454.2
150.9	246.9*	522.5	-	-	-	-	177.2	187.4*	423.3	-	-	-	454.2
164.0	224.9*	504.9	-	-	-	-	190.3	169.8*	412.3	-	-	-	454.2
177.2	203.9*	487.2	-	-	-	-	203.4	154.3*	399.0	-	-	-	447.5
190.3	186.3*	474.0	-	-	-	-	216.5	141.1*	388.0	467.4	-	-	438.7
196.9	177.5*	465.2	577.6	-	-	-	229.7	129.0*	374.8	467.4	-	-	429.9
203.4	169.8*	458.6	577.6	-	-	-	242.8	117.9*	361.6	465.2	-	-	421.1
210.0	163.1*	449.7	575.4	-	-	-	255.9	87.5	330.7	449.7	-	-	410.1
216.5	132.3	443.1	562.2	-	-	-	262.5	83.3	304.2	447.5	-	-	403.4
223.1	126.8	412.3	555.6	-	-	-	269.0	-	-	445.3	-	-	399.0
229.7	-	-	549.0	-	-	-	282.2	-	-	421.1	-	-	390.2
242.8	-	-	535.7	-	-	-	295.3	-	-	385.8	385.8	-	381.4
255.9	-	-	496.0	-	-	-	308.4	-	-	350.5	366.0	-	352.7
269.0	-	-	449.7	447.5	-	-	321.5	-	-	-	346.1	-	326.3
275.6	-	-	429.9	434.3	-	-	334.6	-	-	-	328.5	-	302.0
282.2	-	-	-	421.1	-	-	347.8	-	-	-	313.1	-	280.0
295.3	-	-	-	399.0	-	-	360.9	-	-	-	297.6	-	257.9
308.4	-	-	-	377.0	-	-	367.5	-	-	-	-	251.3	249.1
321.5	-	-	-	359.4	-	-	374.0	-	-	-	-	246.9	240.3
334.6	-	-	-	-	-	-	387.1	-	-	-	-	233.7	220.5
341.2	-	-	-	-	293.2	-	400.3	-	-	-	-	224.9	205.0
347.8	-	-	-	-	284.4	-	406.8	-	-	-	-	219.4	194.0
360.9	-	-	-	-	271.2	-	413.4	-	-	-	-	-	183.0
367.5	-	-	-	-	264.6	-	426.5	-	-	-	-	-	160.9
374.0	-	-	-	-	-	-	433.1	-	-	-	-	157.6	150.5
387.1	-	-	-	-	-	-	439.6	-	-	-	-	153.2	140.0
393.7	-	-	-	-	-	200.6	446.2	-	-	-	-	148.8	129.5
400.3	-	-	-	-	-	195.1	452.8	-	-	-	-	-	119.0
406.8	-	-	-	-	-	189.6	465.9	-	-	-	-	-	98.8
413.4	-	-	-	-	-	160.9	479.0	-	-	-	-	-	89.7
426.5	-	-	-	-	-	137.8	-	-	-	-	-	-	-
439.6	-	-	-	-	-	115.7	-	-	-	-	-	-	-

	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1,190,700 lb	1,411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5																			
295.3 ft + 275.6 ft					295.3 ft + 315.0 ft														
SWSL					SFSL														
0 lb					0 lb - 1411,000 lb														
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°														
ft					ft														
1,000 lb					1,000 lb														
111.5	297.6*	366.0*	-	-	-	-	-	-	-	124.7	242.5*	297.6*	-	-	-	-	-	-	-
124.7	262.4*	354.9*	-	-	-	-	-	-	-	137.8	215.0*	291.0*	-	-	-	-	-	-	-
137.8	233.7*	377.0	-	-	-	-	-	-	370.4	150.9	190.7*	302.0	-	-	-	-	-	-	299.8
150.9	208.3*	372.6	-	-	-	-	-	-	370.4	164.0	169.8*	299.8	-	-	-	-	-	-	299.8
164.0	186.3*	363.8	-	-	-	-	-	-	370.4	177.2	151.0*	295.4	-	-	-	-	-	-	299.8
177.2	166.4*	357.1	-	-	-	-	-	-	370.4	190.3	134.5*	288.8	-	-	-	-	-	-	299.8
190.3	149.9*	348.3	-	-	-	-	-	-	370.4	203.4	120.2*	284.4	-	-	-	-	-	-	299.8
203.4	134.5*	341.7	-	-	-	-	-	-	370.4	216.5	107.4*	277.8	-	-	-	-	-	-	299.8
216.5	121.3*	332.9	-	-	-	-	-	-	368.2	229.7	95.9*	273.4	-	-	-	-	-	-	299.8
229.7	110.0*	326.3	-	-	-	-	-	-	361.6	242.8	85.1*	266.8	-	-	-	-	-	-	293.2
236.2	104.5*	321.9	374.8	-	-	-	-	-	358.3	255.9	75.4*	262.4	293.2	-	-	-	-	-	288.8
242.8	99.2*	315.3	374.8	-	-	-	-	-	354.9	269.0	66.8*	255.7	293.2	-	-	-	-	-	282.2
255.9	89.3*	306.4	374.8	-	-	-	-	-	350.5	282.2	58.8*	246.9	293.2	-	-	-	-	-	277.8
269.0	80.5*	296.5	372.6	-	-	-	-	-	343.9	295.3	51.4*	239.2	293.2	-	-	-	-	-	271.2
275.6	76.3*	291.0	372.6	-	-	-	-	-	341.7	308.4	44.6*	231.5	291.0	-	-	-	-	-	264.6
282.2	53.2	276.7	370.4	-	-	-	-	-	339.5	315.0	41.4*	227.1	291.0	-	-	-	-	-	262.4
288.7	49.6	262.4	366.0	-	-	-	-	-	330.7	321.5	-	214.4	291.0	-	-	-	-	-	260.1
295.3	-	-	361.6	-	-	-	-	-	328.5	328.1	-	201.7	288.8	-	-	-	-	-	254.6
308.4	-	-	341.7	-	-	-	-	-	321.9	334.6	-	-	286.6	-	-	-	-	-	251.3
321.5	-	-	315.3	326.3	-	-	-	-	315.3	347.8	-	-	264.6	253.5	-	-	-	-	244.7
334.6	-	-	291.0	308.6	-	-	-	-	295.4	360.9	-	-	244.7	253.5	-	-	-	-	240.3
347.8	-	-	262.4	293.2	-	-	-	-	273.4	374.0	-	-	227.1	251.3	-	-	-	-	233.7
360.9	-	-	-	277.8	-	-	-	-	253.5	387.1	-	-	202.8	240.3	-	-	-	-	218.3
374.0	-	-	-	264.6	-	-	-	-	233.7	400.3	-	-	-	229.3	-	-	-	-	200.6
387.1	-	-	-	251.3	-	-	-	-	216.1	413.4	-	-	-	218.3	-	-	-	-	185.2
393.7	-	-	-	244.7	-	-	-	-	207.2	426.5	-	-	-	208.3	172.0	-	-	-	169.8
400.3	-	-	-	-	202.8	-	-	-	198.4	433.1	-	-	-	203.9	167.6	-	-	-	163.1
413.4	-	-	-	-	192.9	-	-	-	183.0	439.6	-	-	-	-	164.2	-	-	-	156.5
426.5	-	-	-	-	184.1	-	-	-	166.4	452.8	-	-	-	-	155.4	-	-	-	141.1
439.6	-	-	-	-	176.4	-	-	-	146.6	465.9	-	-	-	-	148.8	-	-	-	123.5
452.8	-	-	-	-	-	-	-	-	127.9	479.0	-	-	-	-	142.2	-	-	-	106.7
465.9	-	-	-	-	-	-	-	-	109.8	492.1	-	-	-	-	-	-	-	-	89.9
479.0	-	-	-	-	-	-	-	-	108.9	498.7	-	-	-	-	-	-	-	86.0	81.9
492.1	-	-	-	-	-	-	-	-	73.9	518.4	-	-	-	-	-	-	-	77.6	57.8
518.4	-	-	-	-	-	-	-	-	52.2	531.5	-	-	-	-	-	-	-	-	44.1
										544.6	-	-	-	-	-	-	-	-	35.1
										557.7	-	-	-	-	-	-	-	-	23.4

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1,190,700 lb 1,411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
295.3 ft + 354.3 ft					315.0 ft + 118.1 ft				
SWSL					SFSL				
0 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
131.2	210.5*	238.1*	-	-	-	-	-	-	-
137.8	197.3*	238.1*	-	-	-	-	-	-	-
150.9	173.1*	233.7*	-	-	-	-	-	-	-
164.0	153.2*	242.5	-	-	-	-	-	-	240.3
177.2	135.6*	240.3	-	-	-	-	-	-	240.3
190.3	119.0*	235.9	-	-	-	-	-	-	240.3
203.4	105.8*	231.5	-	-	-	-	-	-	238.1
216.5	93.3*	229.3	-	-	-	-	-	-	238.1
229.7	81.8*	224.9	-	-	-	-	-	-	235.9
242.8	71.4*	220.5	-	-	-	-	-	-	235.9
255.9	62.2*	217.2	-	-	-	-	-	-	233.7
269.0	53.6*	213.3	-	-	-	-	-	-	229.3
275.6	49.4*	211.6	229.3	-	-	-	-	-	227.1
282.2	45.7*	209.4	229.3	-	-	-	-	-	224.9
288.7	42.1*	207.2	229.3	-	-	-	-	-	223.8
295.3	38.6*	202.3	229.3	-	-	-	-	-	222.7
308.4	31.9*	192.9	229.3	-	-	-	-	-	218.3
321.5	25.7*	183.5	229.3	-	-	-	-	-	215.0
328.1	22.7*	178.6	229.3	-	-	-	-	-	213.3
334.6	-	174.2	229.3	-	-	-	-	-	211.6
347.8	-	164.8	227.1	-	-	-	-	-	207.2
354.3	-	159.8	227.1	-	-	-	-	-	203.9
360.9	-	153.8	227.1	-	-	-	-	-	200.6
367.5	-	147.7	227.1	-	-	-	-	-	199.0
374.0	-	-	218.3	197.3	-	-	-	-	197.3
387.1	-	-	201.7	197.3	-	-	-	-	192.9
400.3	-	-	186.3	197.3	-	-	-	-	189.6
413.4	-	-	172.0	197.3	-	-	-	-	183.0
419.9	-	-	162.0	197.3	-	-	-	-	175.3
426.5	-	-	-	194.0	-	-	-	-	167.6
439.6	-	-	-	184.1	-	-	-	-	153.2
452.8	-	-	-	175.3	-	-	-	-	140.0
459.3	-	-	-	170.9	136.7	-	-	-	133.9
465.9	-	-	-	167.6	133.4	-	-	-	127.9
472.4	-	-	-	164.2	130.1	-	-	-	120.2
479.0	-	-	-	-	126.8	-	-	-	112.4
492.1	-	-	-	-	120.2	-	-	-	97.0
518.4	-	-	-	-	107.6	-	-	-	67.0
531.5	-	-	-	-	-	55.6	-	-	52.5
544.6	-	-	-	-	-	50.7	-	-	38.4
557.7	-	-	-	-	-	46.3	-	-	24.5

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5													
315.0 ft + 157.5 ft					315.0 ft + 196.9 ft								
SWSL		SFSL			SWSL		SFSL						
0 lb		0 lb - 1411,000 lb			0 lb		0 lb - 1411,000 lb						
88°/85°		88°/85°			75°		65°						
55°		45°			88°/85°		88°/85°						
ft		1,000 lb			ft		1,000 lb						
78.7	500.4*	610.7*	-	-	-	-	85.3	436.5*	504.9*	-	-	-	-
85.3	465.2*	595.2*	-	-	-	-	91.9	407.9*	498.2*	-	-	-	-
91.9	434.3*	579.8*	-	-	-	-	98.4	381.4*	489.4*	-	-	-	-
98.4	405.7*	639.3	-	-	-	-	111.5	335.1*	518.1	-	-	-	509.3
111.5	357.1*	621.7	-	-	-	-	124.7	297.6*	511.5	-	-	-	509.3
124.7	317.5*	595.2	-	-	-	-	137.8	266.8*	496.0	-	-	-	509.3
137.8	284.4*	571.0	-	-	-	-	150.9	240.3*	478.4	-	-	-	509.3
150.9	257.9*	546.7	-	-	-	-	164.0	217.2*	463.0	-	-	-	509.3
164.0	233.7*	529.1	-	-	-	-	177.2	197.3*	445.3	-	-	-	509.3
170.6	222.7*	518.1	-	-	-	-	190.3	179.7*	432.1	-	-	-	500.4
177.2	184.1	509.3	643.8	-	-	599.7	196.9	172.0*	425.5	522.5	-	-	493.8
183.7	175.3	500.4	643.8	-	-	590.8	203.4	164.2*	418.9	522.5	-	-	487.2
190.3	-	-	641.5	-	-	582.0	210.0	157.6*	412.3	522.5	-	-	481.7
203.4	-	-	615.1	-	-	560.0	216.5	124.6	405.7	518.1	-	-	476.2
216.5	-	-	599.7	-	-	540.1	223.1	119.0	399.0	515.9	-	-	470.7
229.7	-	-	582.0	-	-	522.5	229.7	-	-	509.3	-	-	465.2
242.8	-	-	540.1	-	-	496.0	242.8	-	-	491.6	-	-	447.5
252.6	-	-	-	471.8	-	466.3	255.9	-	-	482.8	-	-	436.5
255.9	-	-	-	465.2	-	456.4	269.0	-	-	465.2	-	-	423.3
269.0	-	-	-	436.5	-	418.9	275.6	-	-	445.3	-	-	411.2
282.2	-	-	-	412.3	-	383.6	282.2	-	-	-	405.7	-	399.0
295.3	-	-	-	390.2	-	352.7	295.3	-	-	-	383.6	-	366.0
308.4	-	-	-	-	-	324.1	308.4	-	-	-	363.8	-	337.3
318.2	-	-	-	-	-	305.9	321.5	-	-	-	343.9	-	310.9
321.5	-	-	-	-	308.6	299.8	328.1	-	-	-	335.1	-	298.7
334.6	-	-	-	-	306.4	275.6	334.6	-	-	-	-	-	286.6
341.2	-	-	-	-	291.0	264.6	347.8	-	-	-	-	-	264.6
347.8	-	-	-	-	284.4	253.5	360.9	-	-	-	269.0	-	244.7
360.9	-	-	-	-	-	233.7	374.0	-	-	-	255.7	-	224.9
374.0	-	-	-	-	-	207.2	380.6	-	-	-	244.7	-	216.6
383.9	-	-	-	-	-	187.4	387.1	-	-	-	238.1	-	208.3
387.1	-	-	-	-	-	180.8	400.3	-	-	-	-	-	186.3
400.3	-	-	-	-	-	155.4	413.4	-	-	-	-	172.0	163.1
413.4	-	-	-	-	-	130.1	419.9	-	-	-	-	167.6	151.6
426.5	-	-	-	-	-	112.4	426.5	-	-	-	-	-	140.0
							439.6	-	-	-	-	-	117.9
							452.8	-	-	-	-	-	98.3

	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1,190,700 lb	1,411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5													
315.0 ft + 236.2 ft					315.0 ft + 275.6 ft								
		SWSL				SFSL							
0 lb		0 lb - 1411,000 lb				0 lb		0 lb - 1411,000 lb					
		88°/85°	88°/85°	75°	65°	55°	45°	88°/85°	88°/85°	75°	65°	55°	45°
ft		1,000 lb											
98.4	357.1*	412.3*	-	-	-	-	-	111.5	286.6*	332.9*	-	-	-
111.5	313.1*	401.2*	-	-	-	-	-	124.7	253.5*	326.3*	-	-	-
124.7	277.8*	388.0*	-	-	-	-	-	137.8	224.9*	317.5*	-	-	-
131.2	262.4*	423.3	-	-	-	-	-	144.4	211.6*	343.9	-	-	-
137.8	246.9*	418.9	-	-	-	-	416.7	150.9	200.6*	341.7	-	-	339.5
150.9	222.7*	407.9	-	-	-	-	416.7	164.0	178.6*	332.9	-	-	339.5
164.0	200.6*	396.8	-	-	-	-	416.7	177.2	159.8*	326.3	-	-	339.5
177.2	180.8*	385.8	-	-	-	-	416.7	190.3	143.3*	317.5	-	-	339.5
190.3	164.2*	374.8	-	-	-	-	416.7	203.4	129.0*	310.9	-	-	339.5
203.4	148.8*	363.8	-	-	-	-	412.3	216.5	115.7*	302.0	-	-	337.3
216.5	135.6*	352.7	423.3	-	-	-	405.7	229.7	104.7*	295.4	-	-	332.9
229.7	123.5*	343.9	423.3	-	-	-	399.0	236.2	99.4*	291.0	339.5	-	330.7
242.8	112.4*	332.9	421.1	-	-	-	390.2	242.8	94.4*	286.6	339.5	-	328.5
255.9	81.1	321.9	416.7	-	-	-	383.6	255.9	84.7*	280.0	339.5	-	324.1
262.5	77.2	310.9	414.5	-	-	-	374.8	269.0	76.2*	271.2	339.5	-	317.5
269.0	-	-	410.1	-	-	-	370.4	275.6	72.1*	266.8	337.3	-	315.3
282.2	-	-	399.0	-	-	-	361.6	282.2	47.3	262.4	335.1	-	313.1
295.3	-	-	392.4	-	-	-	354.9	295.3	40.7	243.6	332.9	-	302.0
301.8	-	-	381.4	361.6	-	-	349.4	301.8	37.5	229.3	330.7	-	299.8
308.4	-	-	366.0	352.7	-	-	343.9	308.4	-	-	324.1	-	297.6
315.0	-	-	343.9	341.7	-	-	330.7	321.5	-	-	319.7	-	291.0
321.5	-	-	-	332.9	-	-	317.5	328.1	-	-	310.9	280.0	288.8
334.6	-	-	-	315.3	-	-	293.2	334.6	-	-	299.8	280.0	286.6
347.8	-	-	-	299.8	-	-	269.0	347.8	-	-	275.6	277.8	264.6
360.9	-	-	-	286.6	-	-	249.1	354.3	-	-	257.9	271.2	253.5
367.5	-	-	-	280.0	-	-	239.2	360.9	-	-	-	264.6	242.5
374.0	-	-	-	-	-	-	229.3	374.0	-	-	-	251.3	224.9
380.6	-	-	-	-	224.9	-	221.0	387.1	-	-	-	240.3	206.1
387.1	-	-	-	-	220.5	-	212.7	400.3	-	-	-	229.3	189.6
400.3	-	-	-	-	209.4	-	195.1	406.8	-	-	-	222.7	181.9
413.4	-	-	-	-	200.6	-	179.7	413.4	-	-	-	-	174.2
426.5	-	-	-	-	-	-	159.8	426.5	-	-	-	178.6	158.7
439.6	-	-	-	-	-	-	140.0	439.6	-	-	-	169.8	144.4
446.2	-	-	-	-	-	-	136.7	452.8	-	-	-	162.0	144.4
452.8	-	-	-	-	-	132.3	120.2	465.9	-	-	-	155.4	125.7
459.3	-	-	-	-	-	129.0	110.6	479.0	-	-	-	-	108.5
465.9	-	-	-	-	-	-	101.0	492.1	-	-	-	96.3	91.1
479.0	-	-	-	-	-	-	82.0	518.4	-	-	-	90.4	74.1
492.1	-	-	-	-	-	-	69.9	531.5	-	-	-	-	42.1
													32.8



19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5															
315.0 ft + 315.0 ft					315.0 ft + 354.3 ft										
		SWSL				SFSL									
0 lb		0 lb - 1411,000 lb				0 lb		0 lb - 1411,000 lb							
ft		88°/85°	88°/85°	75°	65°	55°	45°	ft		88°/85°	88°/85°	75°	65°	55°	45°
		1,000 lb													
124.7	233.7*	273.4*	-	-	-	-	-	137.8	188.5*	218.3*	-	-	-	-	-
137.8	206.1*	266.8*	-	-	-	-	-	150.9	165.3*	213.8*	-	-	-	-	-
150.9	183.0*	260.1*	-	-	-	-	-	164.0	145.5*	209.4*	-	-	-	-	-
157.5	172.0*	275.6	-	-	-	-	273.4	170.6	137.2*	220.5	-	-	-	-	-
164.0	162.0*	275.6	-	-	-	-	273.4	177.2	129.0*	220.5	-	-	-	-	220.5
177.2	144.4*	271.2	-	-	-	-	273.4	190.3	113.5*	217.2	-	-	-	-	220.5
190.3	127.9*	264.6	-	-	-	-	273.4	203.4	100.1*	213.8	-	-	-	-	219.4
203.4	114.6*	257.9	-	-	-	-	273.4	216.5	87.7*	209.4	-	-	-	-	218.3
216.5	101.9*	253.5	-	-	-	-	273.4	229.7	76.5*	205.0	-	-	-	-	217.2
229.7	90.6*	249.1	-	-	-	-	273.4	242.8	66.6*	201.7	-	-	-	-	216.1
242.8	80.2*	242.5	-	-	-	-	271.2	255.9	57.5*	197.3	-	-	-	-	215.0
255.9	71.0*	238.1	266.8	-	-	-	266.8	269.0	49.2*	193.5	-	-	-	-	211.6
269.0	62.5*	232.6	266.8	-	-	-	260.1	275.6	45.2*	191.8	209.4	-	-	-	210.0
282.2	54.7*	226.0	266.8	-	-	-	255.7	282.2	41.6*	189.6	209.4	-	-	-	208.3
295.3	47.5*	219.4	266.8	-	-	-	251.3	295.3	34.5*	184.1	209.4	-	-	-	205.0
301.8	44.2*	216.1	266.8	-	-	-	249.1	308.4	28.0*	177.5	209.4	-	-	-	201.7
308.4	40.9*	212.7	264.6	-	-	-	246.9	315.0	24.9*	174.2	209.4	-	-	-	200.1
315.0	37.7*	209.4	264.6	-	-	-	243.6	321.5	-	170.3	209.4	-	-	-	198.4
321.5	-	206.1	262.4	-	-	-	240.3	334.6	-	163.1	208.3	-	-	-	195.1
328.1	-	202.8	262.4	-	-	-	237.0	347.8	-	156.5	208.3	-	-	-	191.8
334.6	-	-	260.1	-	-	-	233.7	354.3	-	153.2	207.2	-	-	-	190.1
347.8	-	-	260.1	-	-	-	227.1	360.9	-	149.4	207.2	-	-	-	188.5
354.3	-	-	257.9	231.5	-	-	224.9	367.5	-	145.5	207.2	-	-	-	183.0
360.9	-	-	251.3	231.5	-	-	222.7	374.0	-	206.1	-	-	-	-	180.8
374.0	-	-	233.7	231.5	-	-	217.2	380.6	-	203.9	179.7	-	-	-	179.1
387.1	-	-	212.7	229.3	-	-	209.4	387.1	-	200.6	179.7	-	-	-	177.5
393.7	-	-	199.5	222.7	-	-	200.6	400.3	-	191.8	179.7	-	-	-	174.2
400.3	-	-	-	218.3	-	-	191.8	413.4	-	177.5	179.7	-	-	-	170.9
413.4	-	-	-	207.2	-	-	176.4	426.5	-	158.7	179.7	-	-	-	158.7
426.5	-	-	-	197.3	-	-	160.9	439.6	-	-	174.2	-	-	-	144.4
439.6	-	-	-	188.5	149.9	-	146.6	452.8	-	-	165.3	-	-	-	131.2
452.8	-	-	-	-	142.2	-	133.4	465.9	-	-	157.6	-	-	-	119.0
465.9	-	-	-	-	135.6	-	120.2	472.4	-	-	153.2	117.9	-	-	113.8
479.0	-	-	-	-	129.0	-	104.1	479.0	-	-	149.9	114.6	-	-	108.5
492.1	-	-	-	-	122.4	-	88.0	492.1	-	-	-	109.8	-	-	93.3
511.8	-	-	-	-	-	68.6	64.6	518.4	-	-	-	96.8	-	-	63.9
518.4	-	-	-	-	-	65.9	56.9	524.9	-	-	-	93.9	-	-	57.0
531.5	-	-	-	-	-	60.8	41.9	531.5	-	-	-	-	-	-	50.0
544.6	-	-	-	-	-	-	27.1	544.6	-	-	-	-	-	39.2	36.4
								557.7	-	-	-	-	-	34.8	23.1
								570.9	-	-	-	-	-	30.9	-

	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5															
334.6 ft + 118.1 ft					334.6 ft + 157.5 ft										
		SWSL				SFSL									
0 lb		0 lb - 1411,000 lb				0 lb		0 lb - 1411,000 lb							
ft		88°/85°	88°/85°	75°	65°	55°	45°	ft		88°/85°	88°/85°	75°	65°	55°	45°
		1,000 lb													
65.6	608.5*	687.8*	-	-	-	-	-	78.7	482.8*	557.8*	-	-	-	-	-
72.2	560.0*	670.2*	-	-	-	-	-	85.3	449.7*	544.5*	-	-	-	-	-
78.7	518.1*	650.4*	-	-	-	-	-	91.9	418.9*	531.3*	-	-	-	-	-
85.3	480.6*	632.7*	-	-	-	-	-	98.4	392.4*	518.1*	-	-	-	-	-
91.9	447.5*	707.7	-	-	-	-	692.3	105.0	368.2*	577.6	-	-	-	-	564.4
98.4	418.9*	692.3	-	-	-	-	692.3	111.5	346.1*	566.6	-	-	-	-	564.4
111.5	370.4*	657.0	-	-	-	-	692.3	124.7	306.4*	544.5	-	-	-	-	564.4
124.7	330.7*	626.1	-	-	-	-	692.3	137.8	275.6*	522.5	-	-	-	-	564.4
131.2	315.3*	615.1	-	-	-	-	692.3	150.9	249.1*	500.4	-	-	-	-	564.4
137.8	260.1	601.9	-	-	-	-	692.3	164.0	224.9*	482.8	-	-	-	-	564.4
150.9	233.7	579.8	-	-	-	-	687.8	170.6	216.1*	474.0	-	-	-	-	557.8
164.0	-	-	709.9	-	-	-	668.0	177.2	174.2	465.2	-	-	-	-	551.2
177.2	-	-	696.7	-	-	-	646.0	183.7	166.4	458.6	577.6	-	-	-	544.5
190.3	-	-	668.0	-	-	-	617.3	190.3	158.7	449.7	577.6	-	-	-	537.9
203.4	-	-	648.2	-	-	-	597.5	203.4	-	-	568.8	-	-	-	522.5
210.0	-	-	639.3	-	-	-	587.5	216.5	-	-	540.1	-	-	-	500.4
216.5	-	-	-	-	-	-	577.6	229.7	-	-	526.9	-	-	-	487.2
229.7	-	-	-	-	-	-	524.7	242.8	-	-	515.9	-	-	-	471.8
236.2	-	-	-	509.3	-	-	501.6	249.3	-	-	509.3	-	-	-	458.6
242.8	-	-	-	491.6	-	-	478.4	255.9	-	-	-	-	-	-	445.3
255.9	-	-	-	463.0	-	-	436.5	259.2	-	-	-	440.9	-	-	436.0
262.5	-	-	-	447.5	-	-	418.9	269.0	-	-	-	421.1	-	-	407.9
269.0	-	-	-	-	-	-	401.2	282.2	-	-	-	396.8	-	-	374.8
282.2	-	-	-	-	-	-	366.0	295.3	-	-	-	374.8	-	-	343.9
295.3	-	-	-	-	-	-	337.3	301.8	-	-	-	366.0	-	-	329.6
298.6	-	-	-	-	332.9	-	330.1	308.4	-	-	-	-	-	-	315.3
308.4	-	-	-	-	319.7	-	308.6	321.5	-	-	-	-	-	-	288.8
315.0	-	-	-	-	313.1	-	296.5	328.1	-	-	-	-	280.0	-	277.8
321.5	-	-	-	-	-	-	284.4	334.6	-	-	-	-	273.4	-	266.8
334.6	-	-	-	-	-	-	260.1	347.8	-	-	-	-	260.1	-	244.7
347.8	-	-	-	-	-	-	238.1	354.3	-	-	-	-	253.5	-	234.8
354.3	-	-	-	-	-	229.3	224.3	360.9	-	-	-	-	-	-	224.9
360.9	-	-	-	-	222.7	210.5	210.5	374.0	-	-	-	-	-	-	206.1
374.0	-	-	-	-	-	183.0	183.0	387.1	-	-	-	-	-	-	181.9
387.1	-	-	-	-	-	155.4	155.4	390.4	-	-	-	-	183.0	-	175.8
400.3	-	-	-	-	-	129.0	129.0	393.7	-	-	-	-	179.7	-	169.8
								400.3	-	-	-	-	-	-	157.6
								413.4	-	-	-	-	-	-	134.5
								426.5	-	-	-	-	-	-	111.3
								439.6	-	-	-	-	-	-	94.1

	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1,190,700 lb	1,411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
334.6 ft + 196.9 ft					334.6 ft + 236.2 ft				
SWSL					SFSL				
0 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
91.9	392.4*	456.4*	-	-	-	-	-	-	-
98.4	368.2*	447.5*	-	-	-	-	-	-	-
111.5	324.1*	427.7*	-	-	-	-	-	-	-
118.1	304.2*	474.0	-	-	-	-	-	-	465.2
124.7	286.6*	467.4	-	-	-	-	-	-	465.2
137.8	257.9*	451.9	-	-	-	-	-	-	465.2
150.9	231.5*	436.5	-	-	-	-	-	-	465.2
164.0	209.4*	421.1	-	-	-	-	-	-	465.2
177.2	189.6*	405.7	-	-	-	-	-	-	465.2
190.3	173.1*	392.4	-	-	-	-	-	-	458.6
203.4	157.6*	381.4	469.6	-	-	-	-	-	449.7
210.0	151.0*	374.8	469.6	-	-	-	-	-	445.3
216.5	117.9	368.2	469.6	-	-	-	-	-	440.9
223.1	112.4	363.8	467.4	-	-	-	-	-	435.4
229.7	-	-	463.0	-	-	-	-	-	429.9
242.8	-	-	454.2	-	-	-	-	-	421.1
255.9	-	-	436.5	-	-	-	-	-	403.4
269.0	-	-	427.7	-	-	-	-	-	394.6
282.2	-	-	416.7	-	-	-	-	-	383.6
288.7	-	-	-	381.4	-	-	-	-	370.4
295.3	-	-	-	370.4	-	-	-	-	357.1
308.4	-	-	-	350.5	-	-	-	-	328.5
321.5	-	-	-	330.7	-	-	-	-	302.0
334.6	-	-	-	315.3	-	-	-	-	280.0
341.2	-	-	-	306.4	-	-	-	-	267.9
347.8	-	-	-	-	-	-	-	-	255.7
360.9	-	-	-	-	240.3	-	-	-	235.9
374.0	-	-	-	-	229.3	-	-	-	217.2
387.1	-	-	-	-	218.3	-	-	-	199.5
400.3	-	-	-	-	-	-	-	-	183.0
413.4	-	-	-	-	-	-	-	-	163.1
426.5	-	-	-	-	-	-	-	-	149.9
433.1	-	-	-	-	-	-	-	-	145.5
439.6	-	-	-	-	-	-	-	-	120.2
452.8	-	-	-	-	-	-	-	-	100.3
465.9	-	-	-	-	-	-	-	-	80.2
479.0	-	-	-	-	-	-	-	-	68.6
98.4	343.9*	377.0*	-	-	-	-	-	-	-
111.5	302.0*	368.2*	-	-	-	-	-	-	-
124.7	266.8*	352.7*	-	-	-	-	-	-	-
131.2	251.3*	388.0	-	-	-	-	-	-	381.4
137.8	238.1*	383.6	-	-	-	-	-	-	381.4
150.9	213.8*	372.6	-	-	-	-	-	-	381.4
164.0	192.9*	361.6	-	-	-	-	-	-	381.4
177.2	174.2*	350.5	-	-	-	-	-	-	381.4
190.3	157.6*	339.5	-	-	-	-	-	-	381.4
203.4	143.3*	330.7	-	-	-	-	-	-	379.2
216.5	130.1*	319.7	-	-	-	-	-	-	374.8
223.1	123.5*	315.3	381.4	-	-	-	-	-	371.5
229.7	117.9*	310.9	381.4	-	-	-	-	-	368.2
242.8	108.5*	302.0	379.2	-	-	-	-	-	361.6
255.9	74.7	293.2	377.0	-	-	-	-	-	354.9
262.5	70.8	288.8	372.6	-	-	-	-	-	351.6
269.0	-	-	370.4	-	-	-	-	-	348.3
282.2	-	-	366.0	-	-	-	-	-	335.1
295.3	-	-	354.9	-	-	-	-	-	328.5
308.4	-	-	346.1	-	-	-	-	-	319.7
315.0	-	-	343.9	328.5	-	-	-	-	314.2
321.5	-	-	339.5	319.7	-	-	-	-	308.6
334.6	-	-	-	304.2	-	-	-	-	284.4
347.8	-	-	-	288.8	-	-	-	-	262.4
360.9	-	-	-	273.4	-	-	-	-	240.3
374.0	-	-	-	260.1	-	-	-	-	220.5
387.1	-	-	-	-	-	-	-	-	203.9
393.7	-	-	-	-	200.6	-	-	-	195.7
400.3	-	-	-	-	195.1	-	-	-	187.4
413.4	-	-	-	-	186.3	-	-	-	170.9
426.5	-	-	-	-	178.6	-	-	-	156.5
439.6	-	-	-	-	-	-	-	-	137.8
452.8	-	-	-	-	-	-	-	-	119.0
459.3	-	-	-	-	-	-	-	116.8	110.2
465.9	-	-	-	-	-	-	-	113.5	101.4
472.4	-	-	-	-	-	-	-	110.2	92.4
479.0	-	-	-	-	-	-	-	-	83.3
492.1	-	-	-	-	-	-	-	-	65.5
505.3	-	-	-	-	-	-	-	-	49.8

	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5															
334.6 ft + 275.6 ft					334.6 ft + 315.0 ft										
		SWSL				SFSL									
0 lb		0 lb - 1411,000 lb				0 lb		0 lb - 1411,000 lb							
ft		88°/85°	88°/85°	75°	65°	55°	45°	ft		88°/85°	88°/85°	75°	65°	55°	45°
		1,000 lb													
111.5	275.6*	306.4*	-	-	-	-	-	124.7	222.7*	249.1*	-	-	-	-	-
124.7	242.5*	299.8*	-	-	-	-	-	137.8	197.3*	244.7*	-	-	-	-	-
137.8	216.1*	291.0*	-	-	-	-	-	150.9	174.2*	238.1*	-	-	-	-	-
144.4	203.9*	313.1	-	-	-	-	-	157.5	164.2*	253.5	-	-	-	-	-
150.9	191.8*	310.9	-	-	-	-	-	164.0	154.3*	251.3	-	-	-	-	251.3
164.0	172.0*	304.2	-	-	-	-	-	177.2	137.8*	246.9	-	-	-	-	251.3
177.2	153.2*	295.4	-	-	-	-	-	190.3	122.4*	240.3	-	-	-	-	251.3
190.3	137.8*	288.8	-	-	-	-	-	203.4	108.7*	235.9	-	-	-	-	249.1
203.4	123.5*	280.0	-	-	-	-	-	216.5	96.6*	229.3	-	-	-	-	249.1
216.5	110.2*	273.4	-	-	-	-	-	229.7	85.5*	224.9	-	-	-	-	249.1
229.7	99.9*	264.6	-	-	-	-	-	242.8	75.4*	219.4	-	-	-	-	246.9
242.8	89.5*	257.9	302.0	-	-	-	-	255.9	66.4*	213.8	-	-	-	-	242.5
255.9	80.0*	251.3	302.0	-	-	-	-	262.5	62.2*	211.6	240.3	-	-	-	240.3
269.0	71.8*	245.8	299.8	-	-	-	-	269.0	58.2*	208.9	240.3	-	-	-	238.1
275.6	67.7*	242.5	299.8	-	-	-	-	282.2	50.6*	203.4	240.3	-	-	-	233.7
282.2	41.7	239.2	297.6	-	-	-	-	288.7	47.0*	200.6	240.3	-	-	-	231.5
295.3	35.3	232.6	293.2	-	-	-	-	295.3	43.5*	197.9	240.3	-	-	-	229.3
301.8	32.2	229.3	291.0	-	-	-	-	308.4	37.0*	192.4	238.1	-	-	-	224.9
308.4	-	-	288.8	-	-	-	-	315.0	34.0*	189.6	238.1	-	-	-	222.7
321.5	-	-	286.6	-	-	-	-	321.5	-	187.4	235.9	-	-	-	220.5
334.6	-	-	282.2	255.7	-	-	-	334.6	-	182.4	233.7	-	-	-	217.2
347.8	-	-	271.2	255.7	-	-	-	341.2	-	179.7	233.7	-	-	-	211.1
360.9	-	-	253.5	253.5	-	-	-	347.8	-	-	231.5	-	-	-	208.3
374.0	-	-	-	240.3	-	-	-	360.9	-	-	229.3	208.3	-	-	203.9
387.1	-	-	-	229.3	-	-	-	374.0	-	-	227.1	208.3	-	-	199.5
400.3	-	-	-	218.3	-	-	-	387.1	-	-	219.4	208.3	-	-	195.1
413.4	-	-	-	208.3	-	-	-	393.7	-	-	210.5	208.3	-	-	189.6
419.9	-	-	-	-	160.9	-	-	400.3	-	-	-	207.2	-	-	184.1
426.5	-	-	-	-	156.5	-	-	413.4	-	-	-	196.2	-	-	168.7
439.6	-	-	-	-	148.8	-	-	426.5	-	-	-	187.4	-	-	153.2
452.8	-	-	-	-	141.1	-	-	439.6	-	-	-	178.6	-	-	138.9
465.9	-	-	-	-	135.6	-	-	452.8	-	-	-	169.8	130.1	-	125.7
479.0	-	-	-	-	-	-	-	465.9	-	-	-	-	122.4	-	115.7
492.1	-	-	-	-	-	-	-	479.0	-	-	-	-	116.8	-	100.3
511.8	-	-	-	-	-	-	-	492.1	-	-	-	-	111.3	-	84.7
518.4	-	-	-	-	-	-	-	498.7	-	-	-	-	109.8	-	77.2
531.5	-	-	-	-	-	-	-	518.4	-	-	-	-	-	-	54.9
								524.9	-	-	-	-	-	51.4	47.7
								531.5	-	-	-	-	-	48.9	40.6
								544.6	-	-	-	-	-	44.5	26.5

	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1,190,700 lb	1,411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
334.6 ft + 354.3 ft					354.3 ft + 118.1 ft				
SWSL					SFSL				
0 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
137.8	179.7*	199.5*	-	-	-	-	-	-	-
150.9	157.6*	195.1*	-	-	-	-	-	-	-
164.0	138.9*	190.7*	-	-	-	-	-	-	-
170.6	130.6*	201.7	-	-	-	-	-	-	-
177.2	122.4*	201.7	-	-	-	-	-	-	200.6
190.3	107.4*	197.3	-	-	-	-	-	-	200.6
203.4	94.1*	194.0	-	-	-	-	-	-	200.6
216.5	82.2*	189.6	-	-	-	-	-	-	199.5
229.7	71.7*	186.3	-	-	-	-	-	-	198.4
242.8	61.7*	181.9	-	-	-	-	-	-	197.3
255.9	52.9*	177.5	-	-	-	-	-	-	195.1
269.0	44.9*	174.2	-	-	-	-	-	-	192.9
282.2	37.5*	169.8	188.5	-	-	-	-	-	189.6
295.3	30.6*	165.3	188.5	-	-	-	-	-	186.3
301.8	27.3*	163.1	188.5	-	-	-	-	-	184.6
308.4	-	160.9	188.5	-	-	-	-	-	183.0
321.5	-	156.0	188.5	-	-	-	-	-	180.8
334.6	-	151.0	188.5	-	-	-	-	-	177.5
347.8	-	146.6	186.3	-	-	-	-	-	174.2
354.3	-	144.4	186.3	-	-	-	-	-	172.5
360.9	-	141.6	185.2	-	-	-	-	-	170.9
367.5	-	138.9	184.1	-	-	-	-	-	168.7
374.0	-	-	184.1	-	-	-	-	-	166.4
387.1	-	-	181.9	159.8	-	-	-	-	160.9
400.3	-	-	179.7	159.8	-	-	-	-	158.7
413.4	-	-	176.4	159.8	-	-	-	-	155.4
426.5	-	-	167.6	159.8	-	-	-	-	151.0
433.1	-	-	156.5	159.8	-	-	-	-	143.9
439.6	-	-	-	159.8	-	-	-	-	136.7
452.8	-	-	-	155.4	-	-	-	-	123.5
465.9	-	-	-	147.7	-	-	-	-	113.5
479.0	-	-	-	140.0	105.6	-	-	-	103.4
485.6	-	-	-	136.7	102.1	-	-	-	96.0
492.1	-	-	-	-	98.5	-	-	-	88.6
518.4	-	-	-	-	85.8	-	-	-	60.2
531.5	-	-	-	-	80.1	-	-	-	46.7
538.1	-	-	-	-	77.4	-	-	-	40.1
544.6	-	-	-	-	-	-	-	-	33.5
65.6	584.2*	623.9*	-	-	-	-	-	-	-
72.2	537.9*	608.5*	-	-	-	-	-	-	-
78.7	498.2*	593.0*	-	-	-	-	-	-	-
85.3	463.0*	577.6*	-	-	-	-	-	-	-
91.9	432.1*	641.5	-	-	-	-	-	-	628.3
98.4	405.7*	628.3	-	-	-	-	-	-	628.3
111.5	359.4*	599.7	-	-	-	-	-	-	628.3
124.7	319.7*	573.2	-	-	-	-	-	-	628.3
131.2	304.2*	560.0	-	-	-	-	-	-	628.3
137.8	246.9	549.0	-	-	-	-	-	-	628.3
150.9	222.7	529.1	-	-	-	-	-	-	628.3
164.0	-	-	-	-	-	-	-	-	608.5
170.6	-	-	634.9	-	-	-	-	-	599.7
177.2	-	-	634.9	-	-	-	-	-	590.8
190.3	-	-	617.3	-	-	-	-	-	573.2
203.4	-	-	586.4	-	-	-	-	-	549.0
216.5	-	-	571.0	-	-	-	-	-	529.1
229.7	-	-	-	-	-	-	-	-	511.5
242.8	-	-	-	474.0	-	-	-	-	467.4
255.9	-	-	-	443.1	-	-	-	-	425.5
269.0	-	-	-	418.9	-	-	-	-	390.2
282.2	-	-	-	-	-	-	-	-	354.9
295.3	-	-	-	-	-	-	-	-	324.1
308.4	-	-	-	-	-	-	-	-	297.6
311.7	-	-	-	-	295.4	-	-	-	291.0
321.5	-	-	-	-	284.4	-	-	-	271.2
328.1	-	-	-	-	277.8	-	-	-	260.1
334.6	-	-	-	-	-	-	-	-	249.1
347.8	-	-	-	-	-	-	-	-	227.1
360.9	-	-	-	-	-	-	-	-	208.3
367.5	-	-	-	-	-	-	199.5	-	195.1
374.0	-	-	-	-	-	-	194.0	-	181.9
387.1	-	-	-	-	-	-	-	-	156.5
400.3	-	-	-	-	-	-	-	-	132.3
413.4	-	-	-	-	-	-	-	-	108.0

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5													
354.3 ft + 157.5 ft					354.3 ft + 196.9 ft								
SWSL		SFSL			SWSL		SFSL						
0 lb		0 lb - 1411,000 lb			0 lb		0 lb - 1411,000 lb						
88°/85°		88°/85°			75°		65°						
55°		45°			88°/85°		88°/85°						
ft		1,000 lb			ft		1,000 lb						
78.7	465.2*	507.1*	-	-	-	-	91.9	379.2*	416.7*	-	-	-	-
85.3	432.1*	496.0*	-	-	-	-	98.4	352.7*	407.9*	-	-	-	-
91.9	403.4*	485.0*	-	-	-	-	111.5	310.9*	390.2*	-	-	-	-
98.4	377.0*	471.8*	-	-	-	-	118.1	293.2*	427.7	-	-	-	-
105.0	354.9*	522.5	-	-	-	-	124.7	277.8*	423.3	-	-	-	421.1
111.5	332.9*	513.7	-	-	-	-	137.8	246.9*	410.1	-	-	-	421.1
124.7	297.6*	493.8	-	-	-	-	150.9	222.7*	394.6	-	-	-	421.1
137.8	266.8*	474.0	-	-	-	-	164.0	201.7*	379.2	-	-	-	421.1
150.9	240.3*	454.2	-	-	-	-	177.2	183.0*	366.0	-	-	-	421.1
164.0	218.3*	438.7	-	-	-	-	190.3	166.4*	354.9	-	-	-	418.9
170.6	208.3*	429.9	-	-	-	-	203.4	152.1*	343.9	-	-	-	412.3
177.2	164.2	423.3	-	-	-	-	210.0	145.5*	337.3	423.3	-	-	407.9
190.3	149.9	407.9	515.9	-	-	-	216.5	110.0	332.9	423.3	-	-	403.4
203.4	-	-	511.5	-	-	-	229.7	99.6	321.9	416.7	-	-	394.6
216.5	-	-	498.2	-	-	-	242.8	-	-	407.9	-	-	385.8
229.7	-	-	485.0	-	-	-	255.9	-	-	396.8	-	-	377.0
242.8	-	-	463.0	-	-	-	269.0	-	-	388.0	-	-	363.8
249.3	-	-	456.4	-	-	-	282.2	-	-	374.8	-	-	354.9
255.9	-	-	-	-	-	-	288.7	-	-	368.2	-	-	350.5
269.0	-	-	-	403.4	-	-	295.3	-	-	-	354.9	-	346.1
282.2	-	-	-	381.4	-	-	308.4	-	-	-	335.1	-	319.7
295.3	-	-	-	359.4	-	-	321.5	-	-	-	317.5	-	293.2
308.4	-	-	-	339.5	-	-	334.6	-	-	-	302.0	-	269.0
321.5	-	-	-	-	-	-	347.8	-	-	-	286.6	-	246.9
334.6	-	-	-	-	-	-	360.9	-	-	-	-	-	227.1
341.2	-	-	-	-	249.1	-	374.0	-	-	-	-	212.7	207.2
347.8	-	-	-	-	242.5	-	387.1	-	-	-	-	202.8	189.6
360.9	-	-	-	-	231.5	-	400.3	-	-	-	-	192.9	173.1
374.0	-	-	-	-	-	-	413.4	-	-	-	-	-	157.6
387.1	-	-	-	-	-	-	426.5	-	-	-	-	-	137.8
400.3	-	-	-	-	-	-	439.6	-	-	-	-	-	117.9
406.8	-	-	-	-	-	154.3	446.2	-	-	-	-	125.7	108.6
413.4	-	-	-	-	-	149.9	452.8	-	-	-	-	-	99.2
426.5	-	-	-	-	-	-	465.9	-	-	-	-	-	80.2
439.6	-	-	-	-	-	-	479.0	-	-	-	-	-	61.7
452.8	-	-	-	-	-	-	492.1	-	-	-	-	-	46.1

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5																			
354.3 ft + 236.2 ft					354.3 ft + 275.6 ft														
SWSL					SFSL														
0 lb					0 lb - 1411,000 lb														
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°														
ft					ft														
1,000 lb					1,000 lb														
98.4	324.1*	341.7*	-	-	-	-	-	-	-	111.5	264.6*	277.8*	-	-	-	-	-	-	-
111.5	291.0*	332.9*	-	-	-	-	-	-	-	124.7	233.7*	273.4*	-	-	-	-	-	-	-
124.7	257.9*	321.9*	-	-	-	-	-	-	-	137.8	206.1*	264.6*	-	-	-	-	-	-	-
131.2	242.5*	350.5	-	-	-	-	-	-	-	144.4	195.1*	284.4	-	-	-	-	-	-	280.0
137.8	229.3*	348.3	-	-	-	-	-	-	343.9	150.9	184.1*	282.2	-	-	-	-	-	-	280.0
150.9	206.1*	337.3	-	-	-	-	-	-	343.9	164.0	164.2*	275.6	-	-	-	-	-	-	280.0
164.0	185.2*	326.3	-	-	-	-	-	-	343.9	177.2	146.6*	266.8	-	-	-	-	-	-	280.0
177.2	167.6*	315.3	-	-	-	-	-	-	343.9	190.3	131.2*	260.1	-	-	-	-	-	-	280.0
190.3	151.0*	306.4	-	-	-	-	-	-	343.9	203.4	116.8*	251.3	-	-	-	-	-	-	280.0
203.4	136.7*	295.4	-	-	-	-	-	-	343.9	216.5	105.6*	244.7	-	-	-	-	-	-	280.0
216.5	124.6*	286.6	-	-	-	-	-	-	339.5	229.7	94.4*	235.9	-	-	-	-	-	-	275.6
229.7	113.5*	277.8	343.9	-	-	-	-	-	335.1	242.8	84.4*	229.3	-	-	-	-	-	-	271.2
242.8	103.2*	271.2	341.7	-	-	-	-	-	328.5	249.3	79.6*	227.1	271.2	-	-	-	-	-	267.9
249.3	98.5*	266.8	339.5	-	-	-	-	-	326.3	255.9	75.4*	222.7	271.2	-	-	-	-	-	264.6
255.9	67.9	262.4	337.3	-	-	-	-	-	324.1	269.0	67.2*	217.2	269.0	-	-	-	-	-	260.1
262.5	64.2	260.1	335.1	-	-	-	-	-	320.8	275.6	63.3*	213.8	266.8	-	-	-	-	-	257.9
269.0	-	-	332.9	-	-	-	-	-	317.5	282.2	35.4	211.1	266.8	-	-	-	-	-	255.7
282.2	-	-	326.3	-	-	-	-	-	310.9	295.3	29.3	205.0	262.4	-	-	-	-	-	249.1
295.3	-	-	319.7	-	-	-	-	-	299.8	301.8	26.5	201.7	260.1	-	-	-	-	-	246.9
308.4	-	-	313.1	-	-	-	-	-	293.2	308.4	-	-	257.9	-	-	-	-	-	244.7
321.5	-	-	306.4	277.8	-	-	-	-	286.6	321.5	-	-	253.5	-	-	-	-	-	235.9
328.1	-	-	299.8	277.8	-	-	-	-	281.1	334.6	-	-	249.1	-	-	-	-	-	227.1
334.6	-	-	-	277.8	-	-	-	-	275.6	347.8	-	-	242.5	229.3	-	-	-	-	222.7
347.8	-	-	-	271.2	-	-	-	-	251.3	360.9	-	-	238.1	229.3	-	-	-	-	217.2
360.9	-	-	-	260.1	-	-	-	-	231.5	374.0	-	-	-	227.1	-	-	-	-	207.2
374.0	-	-	-	249.1	-	-	-	-	212.7	387.1	-	-	-	216.1	-	-	-	-	188.5
387.1	-	-	-	235.9	-	-	-	-	194.0	400.3	-	-	-	206.1	-	-	-	-	172.0
400.3	-	-	-	-	179.7	-	-	-	177.5	413.4	-	-	-	196.2	-	-	-	-	155.4
413.4	-	-	-	-	170.9	-	-	-	162.0	419.9	-	-	-	191.8	-	-	-	-	148.3
426.5	-	-	-	-	163.1	-	-	-	146.6	426.5	-	-	-	-	-	-	-	-	141.1
439.6	-	-	-	-	156.5	-	-	-	132.3	433.1	-	-	-	-	137.8	-	-	-	134.5
452.8	-	-	-	-	-	-	-	-	115.7	439.6	-	-	-	-	134.5	-	-	-	127.9
465.9	-	-	-	-	-	-	-	-	98.1	452.8	-	-	-	-	126.8	-	-	-	116.8
472.4	-	-	-	-	-	-	-	-	89.5	465.9	-	-	-	-	121.3	-	-	-	100.5
479.0	-	-	-	-	-	-	-	-	95.5	472.4	-	-	-	-	119.0	-	-	-	92.4
485.6	-	-	-	-	-	-	-	-	89.7	479.0	-	-	-	-	-	-	-	-	84.2
492.1	-	-	-	-	-	-	-	-	64.2	492.1	-	-	-	-	-	-	-	-	68.6
518.4	-	-	-	-	-	-	-	-	31.1	505.3	-	-	-	-	-	-	58.0	-	53.4
										518.4	-	-	-	-	-	-	53.4	-	38.4
										524.9	-	-	-	-	-	-	51.1	-	31.1
										531.5	-	-	-	-	-	-	-	-	23.8

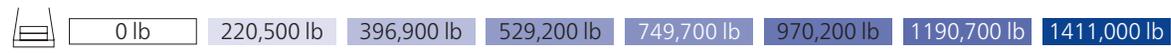
	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
354.3 ft + 315.0 ft					354.3 ft + 354.3 ft				
SWSL					SFSL				
0 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
124.7	213.8*	224.9*	-	-	-	-	-	-	-
137.8	188.5*	220.5*	-	-	-	-	-	-	-
150.9	166.4*	216.1*	-	-	-	-	-	-	-
157.5	156.5*	229.3	-	-	-	-	-	-	227.1
164.0	146.6*	229.3	-	-	-	-	-	-	227.1
177.2	130.1*	222.7	-	-	-	-	-	-	227.1
190.3	115.7*	219.4	-	-	-	-	-	-	227.1
203.4	102.7*	213.8	-	-	-	-	-	-	227.1
216.5	90.8*	207.2	-	-	-	-	-	-	224.9
229.7	80.0*	201.7	-	-	-	-	-	-	224.9
242.8	70.5*	196.2	-	-	-	-	-	-	222.7
255.9	61.5*	190.7	-	-	-	-	-	-	219.4
269.0	53.5*	184.6	216.1	-	-	-	-	-	216.1
275.6	49.8*	181.9	216.1	-	-	-	-	-	213.8
282.2	46.1*	179.7	216.1	-	-	-	-	-	211.6
295.3	39.2*	174.7	215.0	-	-	-	-	-	208.3
308.4	33.0*	169.8	213.8	-	-	-	-	-	203.9
315.0	30.0*	167.6	211.6	-	-	-	-	-	202.3
321.5	-	164.8	210.5	-	-	-	-	-	200.6
334.6	-	159.8	208.3	-	-	-	-	-	197.3
341.2	-	157.6	207.2	-	-	-	-	-	195.1
347.8	-	-	205.0	-	-	-	-	-	192.9
360.9	-	-	202.8	-	-	-	-	-	185.2
374.0	-	-	198.4	183.0	-	-	-	-	180.8
387.1	-	-	195.1	183.0	-	-	-	-	176.4
400.3	-	-	191.8	183.0	-	-	-	-	173.1
413.4	-	-	-	183.0	-	-	-	-	159.8
426.5	-	-	-	175.3	-	-	-	-	144.4
439.6	-	-	-	166.4	-	-	-	-	130.1
452.8	-	-	-	158.7	-	-	-	-	119.0
459.3	-	-	-	155.4	-	-	-	-	114.0
465.9	-	-	-	-	112.4	-	-	-	108.9
479.0	-	-	-	-	107.1	-	-	-	94.1
492.1	-	-	-	-	102.1	-	-	-	79.1
511.8	-	-	-	-	92.6	-	-	-	57.3
518.4	-	-	-	-	-	-	-	-	50.3
531.5	-	-	-	-	-	-	-	-	36.4
538.1	-	-	-	-	-	-	-	33.1	29.7
544.6	-	-	-	-	-	-	-	31.1	22.9
557.7	-	-	-	-	-	-	-	27.1	-
137.8	170.9*	180.8*	-	-	-	-	-	-	-
150.9	149.9*	176.4*	-	-	-	-	-	-	-
164.0	131.2*	172.0*	-	-	-	-	-	-	-
170.6	122.9*	181.9	-	-	-	-	-	-	-
177.2	114.6*	181.9	-	-	-	-	-	-	181.9
190.3	101.0*	178.6	-	-	-	-	-	-	181.9
203.4	88.0*	175.3	-	-	-	-	-	-	180.8
216.5	76.5*	170.9	-	-	-	-	-	-	179.7
229.7	66.1*	166.4	-	-	-	-	-	-	178.6
242.8	56.7*	162.0	-	-	-	-	-	-	177.5
255.9	48.1*	157.6	-	-	-	-	-	-	175.3
269.0	40.3*	153.8	-	-	-	-	-	-	173.1
282.2	33.1*	149.9	-	-	-	-	-	-	169.8
288.7	29.5*	147.7	168.7	-	-	-	-	-	168.7
295.3	26.3*	145.5	168.7	-	-	-	-	-	167.6
301.8	23.1*	143.3	168.7	-	-	-	-	-	165.9
308.4	-	141.6	168.7	-	-	-	-	-	164.2
321.5	-	137.8	167.6	-	-	-	-	-	160.9
334.6	-	133.9	166.4	-	-	-	-	-	158.7
347.8	-	130.1	165.3	-	-	-	-	-	155.4
354.3	-	127.9	164.2	-	-	-	-	-	153.8
360.9	-	126.2	163.1	-	-	-	-	-	152.1
374.0	-	122.4	162.0	-	-	-	-	-	148.8
380.6	-	120.2	160.9	-	-	-	-	-	145.0
387.1	-	-	159.8	-	-	-	-	-	143.3
393.7	-	-	158.7	140.0	-	-	-	-	141.6
400.3	-	-	157.6	140.0	-	-	-	-	140.0
413.4	-	-	155.4	140.0	-	-	-	-	136.7
426.5	-	-	153.2	140.0	-	-	-	-	133.4
439.6	-	-	149.9	140.0	-	-	-	-	129.0
452.8	-	-	-	140.0	-	-	-	-	116.8
465.9	-	-	-	136.7	-	-	-	-	107.4
479.0	-	-	-	129.0	-	-	-	-	96.1
492.1	-	-	-	123.5	85.3	-	-	-	81.6
518.4	-	-	-	-	73.0	-	-	-	54.0
531.5	-	-	-	-	67.5	-	-	-	41.0
544.6	-	-	-	-	62.4	-	-	-	28.2
551.2	-	-	-	-	60.0	-	-	-	-



19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
374.0 ft + 157.5 ft					374.0 ft + 196.9 ft				
SWSL					SFSL				
0 lb - 1411,000 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
78.7	-	438.7*	-	-	-	-	-	-	-
85.3	-	432.1*	-	-	-	-	-	-	-
91.9	392.4*	423.3*	-	-	-	-	-	-	-
98.4	368.2*	414.5*	-	-	-	-	-	-	-
108.3	334.0*	447.5	-	-	-	-	-	449.7	-
111.5	321.9*	445.3	-	-	-	-	-	449.7	-
124.7	280.0*	427.7	-	-	-	-	-	449.7	-
137.8	246.9*	407.9	-	-	-	-	-	449.7	-
150.9	217.2*	390.2	-	-	-	-	-	449.7	-
164.0	192.9*	374.8	-	-	-	-	-	445.3	-
173.9	178.6*	364.9	-	-	-	-	-	443.1	-
177.2	135.6	361.6	-	-	-	-	-	440.9	-
190.3	121.3	348.3	-	-	-	-	-	438.7	-
193.6	117.9	346.1	-	-	-	-	-	436.5	-
200.1	-	-	432.1	-	-	-	-	432.1	-
203.4	-	-	429.9	-	-	-	-	429.9	-
216.5	-	-	416.7	-	-	-	-	421.1	-
229.7	-	-	403.4	-	-	-	-	411.2	-
242.8	-	-	390.2	-	-	-	-	401.2	-
255.9	-	-	379.2	-	-	-	-	391.3	-
269.0	-	-	-	-	-	-	-	381.4	-
282.2	-	-	-	-	-	-	-	366.0	-
292.0	-	-	-	363.8	-	-	-	359.4	-
295.3	-	-	-	361.6	-	-	-	357.1	-
308.4	-	-	-	350.5	-	-	-	329.6	-
318.2	-	-	-	341.7	-	-	-	308.9	-
321.5	-	-	-	-	-	-	-	302.0	-
334.6	-	-	-	-	-	-	-	274.5	-
347.8	-	-	-	-	-	-	-	246.9	-
360.9	-	-	-	-	-	-	-	221.7	-
374.0	-	-	-	-	-	-	-	196.2	-
387.1	-	-	-	-	-	-	-	178.6	-
400.3	-	-	-	-	-	-	-	158.7	-
413.4	-	-	-	-	-	-	-	139.2	-
426.5	-	-	-	-	-	-	-	119.0	-
95.1	-	357.1*	-	-	-	-	-	-	-
98.4	-	352.7*	-	-	-	-	-	-	-
105.0	315.3*	346.1*	-	-	-	-	-	-	-
111.5	293.2*	339.5*	-	-	-	-	-	-	-
121.4	263.5*	366.0	-	-	-	-	-	-	368.2
124.7	253.5*	363.8	-	-	-	-	-	-	368.2
137.8	222.7*	350.5	-	-	-	-	-	-	368.2
150.9	196.2*	337.3	-	-	-	-	-	-	366.0
164.0	173.1*	324.1	-	-	-	-	-	-	366.0
177.2	152.1*	310.9	-	-	-	-	-	-	363.8
190.3	134.5*	299.8	-	-	-	-	-	-	361.6
203.4	121.3*	288.8	-	-	-	-	-	-	357.1
210.0	115.7*	284.4	-	-	-	-	-	-	354.9
216.5	76.7	277.8	-	-	-	-	-	-	352.7
219.8	74.4	275.6	352.7	-	-	-	-	-	351.1
229.7	67.9	269.0	346.1	-	-	-	-	-	346.1
242.8	-	-	337.3	-	-	-	-	-	339.5
255.9	-	-	326.3	-	-	-	-	-	331.8
269.0	-	-	317.5	-	-	-	-	-	324.1
282.2	-	-	308.6	-	-	-	-	-	316.7
295.3	-	-	299.8	-	-	-	-	-	308.6
308.4	-	-	-	-	-	-	-	-	301.3
318.2	-	-	-	295.4	-	-	-	-	294.3
321.5	-	-	-	293.2	-	-	-	-	291.0
334.6	-	-	-	284.4	-	-	-	-	277.8
347.8	-	-	-	277.8	-	-	-	-	266.8
354.3	-	-	-	273.4	-	-	-	-	254.6
360.9	-	-	-	-	-	-	-	-	242.5
374.0	-	-	-	-	-	-	-	-	218.3
387.1	-	-	-	-	-	-	-	-	196.2
400.3	-	-	-	-	-	-	-	-	174.2
413.4	-	-	-	-	-	-	-	-	157.1
426.5	-	-	-	-	-	-	-	-	140.0
439.6	-	-	-	-	-	-	-	-	122.6
452.8	-	-	-	-	-	-	-	-	105.4
459.3	-	-	-	-	-	-	-	-	96.8

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
374.0 ft + 236.2 ft					374.0 ft + 275.6 ft				
SWSL					SFSL				
0 lb - 1411,000 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
108.3	-	288.8*	-	-	-	-	-	-	-
111.5	-	284.4*	-	-	-	-	-	-	-
118.1	222.7*	280.0*	-	-	-	-	-	-	-
124.7	206.1*	275.6*	-	-	-	-	-	-	-
137.8	178.6*	293.2	-	-	-	-	-	295.4	-
150.9	155.4*	284.4	-	-	-	-	-	295.4	-
164.0	136.7*	275.6	-	-	-	-	-	295.4	-
177.2	120.2*	264.6	-	-	-	-	-	295.4	-
190.3	105.4*	255.7	-	-	-	-	-	293.2	-
203.4	92.2*	246.9	-	-	-	-	-	291.0	-
216.5	80.9*	235.9	-	-	-	-	-	288.8	-
229.7	71.4*	229.3	-	-	-	-	-	284.4	-
242.8	63.9*	220.5	282.2	-	-	-	-	280.0	-
249.3	53.8*	217.2	277.8	-	-	-	-	277.2	-
255.9	-	213.8	275.6	-	-	-	-	274.5	-
269.0	-	206.1	269.0	-	-	-	-	269.0	-
282.2	-	-	262.4	-	-	-	-	262.4	-
295.3	-	-	253.5	-	-	-	-	255.7	-
308.4	-	-	246.9	-	-	-	-	250.2	-
321.5	-	-	240.3	-	-	-	-	244.7	-
328.1	-	-	235.9	-	-	-	-	241.8	-
334.6	-	-	-	-	-	-	-	238.8	-
344.5	-	-	-	235.9	-	-	-	232.6	-
347.8	-	-	-	233.7	-	-	-	229.3	-
360.9	-	-	-	229.3	-	-	-	221.6	-
374.0	-	-	-	224.9	-	-	-	216.1	-
387.1	-	-	-	218.3	-	-	-	199.5	-
393.7	-	-	-	215.0	-	-	-	191.3	-
400.3	-	-	-	-	-	-	-	183.0	-
413.4	-	-	-	-	-	-	-	163.7	-
426.5	-	-	-	-	-	-	-	144.4	-
439.6	-	-	-	-	-	-	-	126.7	-
452.8	-	-	-	-	-	-	-	108.9	-
465.9	-	-	-	-	-	-	-	92.2	-
479.0	-	-	-	-	-	-	-	75.8	-
492.1	-	-	-	-	-	-	-	60.3	-
495.4	-	-	-	-	-	-	-	56.4	-
121.4	-	229.3*	-	-	-	-	-	-	-
124.7	-	229.3*	-	-	-	-	-	-	-
131.2	160.9*	224.9*	-	-	-	-	-	-	-
137.8	148.8*	220.5*	-	-	-	-	-	-	-
150.9	126.8*	235.9	-	-	-	-	-	-	238.1
164.0	108.9*	229.3	-	-	-	-	-	-	235.9
177.2	93.9*	222.7	-	-	-	-	-	-	235.9
190.3	80.7*	215.0	-	-	-	-	-	-	235.9
203.4	68.6*	207.2	-	-	-	-	-	-	235.9
216.5	57.8*	200.6	-	-	-	-	-	-	233.7
229.7	48.3*	192.9	-	-	-	-	-	-	230.6
232.9	46.1*	191.3	-	-	-	-	-	-	229.7
242.8	-	186.3	-	-	-	-	-	-	227.1
255.9	-	179.7	-	-	-	-	-	-	223.8
262.5	-	176.4	224.9	-	-	-	-	-	222.1
269.0	-	173.1	222.7	-	-	-	-	-	220.5
282.2	-	166.4	218.3	-	-	-	-	-	216.1
285.4	-	164.8	217.2	-	-	-	-	-	215.0
295.3	-	160.4	213.8	-	-	-	-	-	211.6
305.1	-	156.5	209.4	-	-	-	-	-	207.9
308.4	-	-	208.3	-	-	-	-	-	206.7
321.5	-	-	202.8	-	-	-	-	-	201.7
334.6	-	-	197.3	-	-	-	-	-	196.7
347.8	-	-	191.8	-	-	-	-	-	191.8
360.9	-	-	187.4	-	-	-	-	-	187.4
367.5	-	-	185.2	-	-	-	-	-	185.2
370.7	-	-	-	186.3	-	-	-	-	183.5
374.0	-	-	-	184.1	-	-	-	-	181.9
387.1	-	-	-	180.8	-	-	-	-	172.5
400.3	-	-	-	177.5	-	-	-	-	167.6
413.4	-	-	-	173.1	-	-	-	-	156.0
426.5	-	-	-	168.7	-	-	-	-	144.4
433.1	-	-	-	166.4	-	-	-	-	135.9
439.6	-	-	-	-	-	-	-	-	127.3
452.8	-	-	-	-	-	-	-	-	110.2
465.9	-	-	-	-	-	-	-	-	94.5
479.0	-	-	-	-	-	-	-	-	78.7
492.1	-	-	-	-	-	-	-	-	63.7
508.5	-	-	-	-	-	-	-	-	45.6

	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
374.0 ft + 315.0 ft					374.0 ft + 354.3 ft				
SWSL		SFSL			SWSL		SFSL		
0 lb		0 lb - 1411,000 lb			0 lb		0 lb - 1411,000 lb		
88°/85°		88°/85°			75°		65°		
55°		45°			88°/85°		88°/85°		
ft		1,000 lb			ft		1,000 lb		
134.5	-	181.9*	-	-	-	-	147.6	-	140.0*
137.8	-	180.8*	-	-	-	-	150.9	-	138.9*
144.4	111.3*	177.5*	-	-	-	-	157.5	67.9*	135.6*
150.9	103.0*	175.3*	-	-	-	-	164.0	60.2*	133.4*
164.0	84.4*	187.4	-	-	-	-	177.2	46.3*	126.8*
177.2	69.9*	183.0	-	-	-	-	180.4	-	143.3
190.3	56.7*	177.5	-	-	-	-	190.3	-	141.1
203.4	45.0*	172.0	-	-	-	-	203.4	-	136.7
216.5	-	166.4	-	-	-	-	216.5	-	133.4
229.7	-	159.8	-	-	-	-	229.7	-	129.0
242.8	-	154.3	-	-	-	-	242.8	-	124.6
255.9	-	148.8	-	-	-	-	255.9	-	119.0
269.0	-	143.3	-	-	-	-	269.0	-	114.6
282.2	-	137.8	175.3	-	-	-	282.2	-	110.2
295.3	-	132.8	173.1	-	-	-	295.3	-	105.3
308.4	-	127.3	169.8	-	-	-	305.1	-	101.2
321.5	-	121.3	166.4	-	-	-	308.4	-	99.9
334.6	-	114.6	163.1	-	-	-	321.5	-	94.6
341.2	-	111.3	160.9	-	-	-	334.6	-	89.3
347.8	-	-	158.7	-	-	-	347.8	-	84.1
360.9	-	-	155.4	-	-	-	357.6	-	80.2
374.0	-	-	151.0	-	-	-	360.9	-	78.9
387.1	-	-	147.7	-	-	-	374.0	-	73.7
400.3	-	-	143.3	143.3	-	-	380.6	-	71.2
406.8	-	-	141.1	141.1	-	-	387.1	-	116.8
413.4	-	-	-	140.0	-	-	400.3	-	114.6
426.5	-	-	-	136.7	-	-	413.4	-	111.3
439.6	-	-	-	134.5	-	-	426.5	-	109.1
452.8	-	-	-	131.2	-	-	439.6	-	106.0
465.9	-	-	-	127.9	-	-	446.2	-	104.7
479.0	-	-	-	-	-	-	452.8	-	101.4
492.1	-	-	-	-	-	-	465.9	-	99.9
518.4	-	-	-	-	-	-	479.0	-	97.9
							492.1	-	95.7
							505.3	-	93.3
							518.4	-	-
							521.7	-	-

	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1,190,700 lb	1,411,000 lb
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
374.0 ft + 374.0 ft					393.7 ft + 196.9 ft				
SWSL		SFSL			SWSL		SFSL		
0 lb		0 lb - 1411,000 lb			0 lb		0 lb - 1411,000 lb		
88°/85°		88°/85°			75°		65°		
55°		45°			88°/85°		88°/85°		
ft		1,000 lb			ft		1,000 lb		
160.8	-	99.4*	-	-	-	-	95.1	-	319.7*
164.0	-	98.3*	-	-	-	-	98.4	-	317.5*
177.2	-	94.1*	-	-	-	-	105.0	291.0*	310.9*
190.3	-	89.3*	-	-	-	-	111.5	273.4*	306.4*
193.6	-	105.8	-	-	-	-	124.7	238.1*	328.5
203.4	-	103.8	-	-	-	-	137.8	208.3*	315.3
216.5	-	101.0	-	-	-	-	150.9	183.0*	304.2
229.7	-	97.9	-	-	-	-	164.0	160.9*	291.0
242.8	-	93.9	-	-	-	-	177.2	141.1*	280.0
255.9	-	90.2	-	-	-	-	190.3	124.6*	269.0
269.0	-	86.0	-	-	-	-	203.4	111.3*	257.9
282.2	-	81.4	-	-	-	-	213.3	95.5*	251.3
295.3	-	76.9	-	-	-	-	216.5	65.3	249.1
308.4	-	72.4	-	-	-	-	226.4	59.0	242.5
311.7	-	71.3	-	-	-	-	229.7	57.1	240.3
321.5	-	67.9	-	-	-	-	232.9	55.3	238.1
324.8	-	66.8	94.4	-	-	-	242.8	-	295.4
334.6	-	63.5	93.5	-	-	-	255.9	-	284.4
347.8	-	59.1	92.6	-	-	-	269.0	-	275.6
360.9	-	54.7	91.3	-	-	-	282.2	-	266.8
374.0	-	50.3	89.3	-	-	-	295.3	-	257.9
387.1	-	45.9	87.3	-	-	-	301.8	-	253.5
390.4	-	44.8	86.9	-	-	-	308.4	-	-
400.3	-	-	85.3	-	-	-	321.5	-	-
413.4	-	-	83.6	-	-	-	328.1	-	-
426.5	-	-	81.4	-	-	-	334.6	-	246.9
439.6	-	-	79.1	-	-	-	347.8	-	242.5
449.5	-	-	77.6	-	-	-	360.9	-	233.7
452.8	-	-	77.2	71.0	-	-	374.0	-	224.9
465.9	-	-	75.0	68.6	-	-	387.1	-	-
479.0	-	-	72.8	67.9	-	-	400.3	-	-
492.1	-	-	-	67.2	-	-	413.4	-	-
518.4	-	-	-	65.0	-	-	426.5	-	-
531.5	-	-	-	63.5	-	-	439.6	-	-
544.6	-	-	-	61.7	-	-	452.8	-	-
							465.9	-	-
							475.7	-	-

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
393.7 ft + 236.2 ft					393.7 ft + 275.6 ft				
SWSL					SFSL				
0 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
108.3	-	257.9*	-	-	-	-	-	-	-
111.5	-	255.7*	-	-	-	-	-	-	-
118.1	203.9*	251.3*	-	-	-	-	-	-	-
124.7	188.5*	246.9*	-	-	-	-	-	-	-
137.8	163.1*	264.6	-	-	-	-	-	264.6	-
150.9	141.1*	255.7	-	-	-	-	-	262.4	-
164.0	123.5*	246.9	-	-	-	-	-	262.4	-
177.2	108.5*	238.1	-	-	-	-	-	262.4	-
190.3	94.4*	227.1	-	-	-	-	-	260.1	-
203.4	82.0*	219.4	-	-	-	-	-	255.7	-
216.5	71.4*	211.6	-	-	-	-	-	253.5	-
229.7	62.6*	203.9	-	-	-	-	-	249.1	-
242.8	55.6*	196.2	-	-	-	-	-	244.7	-
246.1	54.1*	194.0	244.7	-	-	-	-	243.1	-
249.3	52.7*	191.8	242.5	-	-	-	-	241.4	-
255.9	-	188.5	240.3	-	-	-	-	238.1	-
269.0	-	181.9	233.7	-	-	-	-	231.5	-
282.2	-	-	227.1	-	-	-	-	226.0	-
295.3	-	-	220.5	-	-	-	-	220.5	-
308.4	-	-	213.8	-	-	-	-	213.8	-
321.5	-	-	206.1	-	-	-	-	207.2	-
334.6	-	-	199.5	-	-	-	-	200.6	-
347.8	-	-	-	-	-	-	-	194.0	-
354.3	-	-	-	196.2	-	-	-	190.2	-
360.9	-	-	-	192.9	-	-	-	187.1	-
374.0	-	-	-	187.4	-	-	-	180.8	-
387.1	-	-	-	179.7	-	-	-	170.3	-
400.3	-	-	-	172.0	-	-	-	163.1	-
413.4	-	-	-	-	-	-	-	149.4	-
426.5	-	-	-	-	-	-	-	135.6	-
439.6	-	-	-	-	-	-	-	118.6	-
452.8	-	-	-	-	-	-	-	101.6	-
465.9	-	-	-	-	-	-	-	85.4	-
479.0	-	-	-	-	-	-	-	69.2	-
492.1	-	-	-	-	-	-	-	53.8	-
498.7	-	-	-	-	-	-	-	46.1	-
121.4	-	205.0*	-	-	-	-	-	-	-
124.7	-	202.8*	-	-	-	-	-	-	-
131.2	144.4*	199.5*	-	-	-	-	-	-	-
137.8	132.3*	196.2*	-	-	-	-	-	-	-
150.9	112.4*	188.5*	-	-	-	-	-	-	-
154.2	108.1*	209.4	-	-	-	-	-	210.5	-
164.0	95.5*	203.9	-	-	-	-	-	209.4	-
177.2	81.4*	197.3	-	-	-	-	-	208.3	-
190.3	69.0*	190.7	-	-	-	-	-	207.2	-
203.4	57.8*	184.1	-	-	-	-	-	206.1	-
216.5	47.8*	176.4	-	-	-	-	-	203.9	-
219.8	45.4*	174.7	-	-	-	-	-	203.2	-
229.7	-	169.8	-	-	-	-	-	201.2	-
242.8	-	163.1	-	-	-	-	-	198.4	-
255.9	-	157.6	-	-	-	-	-	195.1	-
269.0	-	151.0	191.8	-	-	-	-	190.7	-
282.2	-	145.0	188.5	-	-	-	-	185.7	-
285.4	-	143.6	186.8	-	-	-	-	184.5	-
295.3	-	139.4	183.0	-	-	-	-	180.8	-
308.4	-	134.5	177.5	-	-	-	-	175.3	-
321.5	-	-	172.0	-	-	-	-	169.8	-
334.6	-	-	167.6	-	-	-	-	164.2	-
347.8	-	-	162.0	-	-	-	-	158.7	-
360.9	-	-	156.5	-	-	-	-	153.8	-
374.0	-	-	152.1	-	-	-	-	148.8	-
380.6	-	-	-	151.0	-	-	-	143.0	-
387.1	-	-	-	148.8	-	-	-	140.2	-
400.3	-	-	-	144.4	-	-	-	134.5	-
413.4	-	-	-	138.9	-	-	-	129.0	-
426.5	-	-	-	133.4	-	-	-	123.5	-
439.6	-	-	-	127.9	-	-	-	112.8	-
452.8	-	-	-	-	-	-	-	102.1	-
465.9	-	-	-	-	-	-	-	86.5	-
479.0	-	-	-	-	-	-	-	71.0	-
492.1	-	-	-	-	-	-	-	56.5	-
502.0	-	-	-	-	-	-	-	45.6	-

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5									
393.7 ft + 315.0 ft					393.7 ft + 354.3 ft				
SWSL					SFSL				
0 lb					0 lb - 1411,000 lb				
88°/85° 88°/85° 75° 65° 55° 45°					88°/85° 88°/85° 75° 65° 55° 45°				
ft					ft				
1,000 lb					1,000 lb				
134.5	-	159.8*	-	-	-	-	-	-	-
137.8	-	158.7*	-	-	-	-	-	-	-
144.4	96.1*	156.5*	-	-	-	-	-	-	-
150.9	87.7*	153.2*	-	-	-	-	-	-	-
164.0	71.0*	146.6*	-	-	-	-	-	-	-
167.3	67.5*	164.2	-	-	-	-	-	164.2	-
177.2	57.3*	159.8	-	-	-	-	-	164.2	-
190.3	45.0*	155.4	-	-	-	-	-	163.1	-
203.4	-	149.9	-	-	-	-	-	162.0	-
216.5	-	144.4	-	-	-	-	-	160.9	-
229.7	-	138.9	-	-	-	-	-	158.7	-
242.8	-	134.5	-	-	-	-	-	156.5	-
255.9	-	127.9	-	-	-	-	-	154.3	-
269.0	-	122.9	-	-	-	-	-	152.1	-
282.2	-	117.9	-	-	-	-	-	148.8	-
288.7	-	115.7	147.7	-	-	-	-	147.2	-
295.3	-	113.0	146.6	-	-	-	-	145.5	-
308.4	-	107.4	143.3	-	-	-	-	141.1	-
321.5	-	101.6	140.0	-	-	-	-	136.7	-
334.6	-	95.9	136.7	-	-	-	-	132.3	-
344.5	-	91.7	133.4	-	-	-	-	129.0	-
347.8	-	-	132.3	-	-	-	-	127.9	-
360.9	-	-	127.9	-	-	-	-	123.5	-
374.0	-	-	124.6	-	-	-	-	119.0	-
387.1	-	-	120.2	-	-	-	-	114.6	-
400.3	-	-	115.7	-	-	-	-	110.2	-
406.8	-	-	114.6	113.5	-	-	-	105.6	-
413.4	-	-	112.4	111.3	-	-	-	103.3	-
426.5	-	-	-	108.9	-	-	-	98.8	-
439.6	-	-	-	103.8	-	-	-	93.9	-
452.8	-	-	-	100.1	-	-	-	89.1	-
465.9	-	-	-	96.3	-	-	-	82.7	-
479.0	-	-	-	92.8	-	-	-	76.3	-
492.1	-	-	-	-	-	-	-	63.6	-
511.8	-	-	-	-	-	-	-	44.3	-
147.6	-	117.9*	-	-	-	-	-	-	-
150.9	-	116.8*	-	-	-	-	-	-	-
164.0	-	111.3*	-	-	-	-	-	-	-
177.2	-	106.7*	-	-	-	-	-	-	-
180.4	-	124.6	-	-	-	-	-	-	124.6
190.3	-	121.3	-	-	-	-	-	-	123.5
203.4	-	117.9	-	-	-	-	-	-	123.5
216.5	-	113.5	-	-	-	-	-	-	122.4
229.7	-	109.8	-	-	-	-	-	-	121.3
242.8	-	104.9	-	-	-	-	-	-	120.2
255.9	-	100.8	-	-	-	-	-	-	117.9
269.0	-	95.8	-	-	-	-	-	-	115.7
282.2	-	90.7	-	-	-	-	-	-	113.5
295.3	-	85.6	-	-	-	-	-	-	111.3
308.4	-	80.6	109.8	-	-	-	-	-	108.4
321.5	-	75.7	108.0	-	-	-	-	-	105.4
331.4	-	72.0	106.4	-	-	-	-	-	102.7
334.6	-	70.8	105.8	-	-	-	-	-	101.9
347.8	-	66.0	103.2	-	-	-	-	-	98.3
360.9	-	61.3	100.1	-	-	-	-	-	94.7
374.0	-	56.5	97.0	-	-	-	-	-	91.1
380.6	-	54.2	95.5	-	-	-	-	-	89.3
387.1	-	-	93.9	-	-	-	-	-	87.5
400.3	-	-	91.1	-	-	-	-	-	84.0
413.4	-	-	88.0	-	-	-	-	-	80.4
426.5	-	-	84.9	-	-	-	-	-	76.7
429.8	-	-	84.1	-	-	-	-	-	75.8
436.4	-	-	82.6	79.1	-	-	-	-	-
439.6	-	-	81.8	78.7	-	-	-	-	-
446.2	-	-	80.2	77.6	-	-	-	-	-
452.8	-	-	-	76.5	-	-	-	-	-
465.9	-	-	-	71.4	-	-	-	-	-
479.0	-	-	-	65.9	-	-	-	-	-
492.1	-	-	-	61.1	-	-	-	-	-
505.3	-	-	-	56.7	-	-	-	-	-

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL/SFSL 15°

CC 88.1600-1

650,500 lb + 132,300 lb 62.3-98.4 ft 34.5 ft 32.2 ft/s 360° ASME B30.5

393.7 ft + 374.0 ft

SWSL SFSL
 0 lb 0 lb - 1411,000 lb
 88°/85° 88°/85° 75° 65° 55° 45°
 ft 1,000 lb

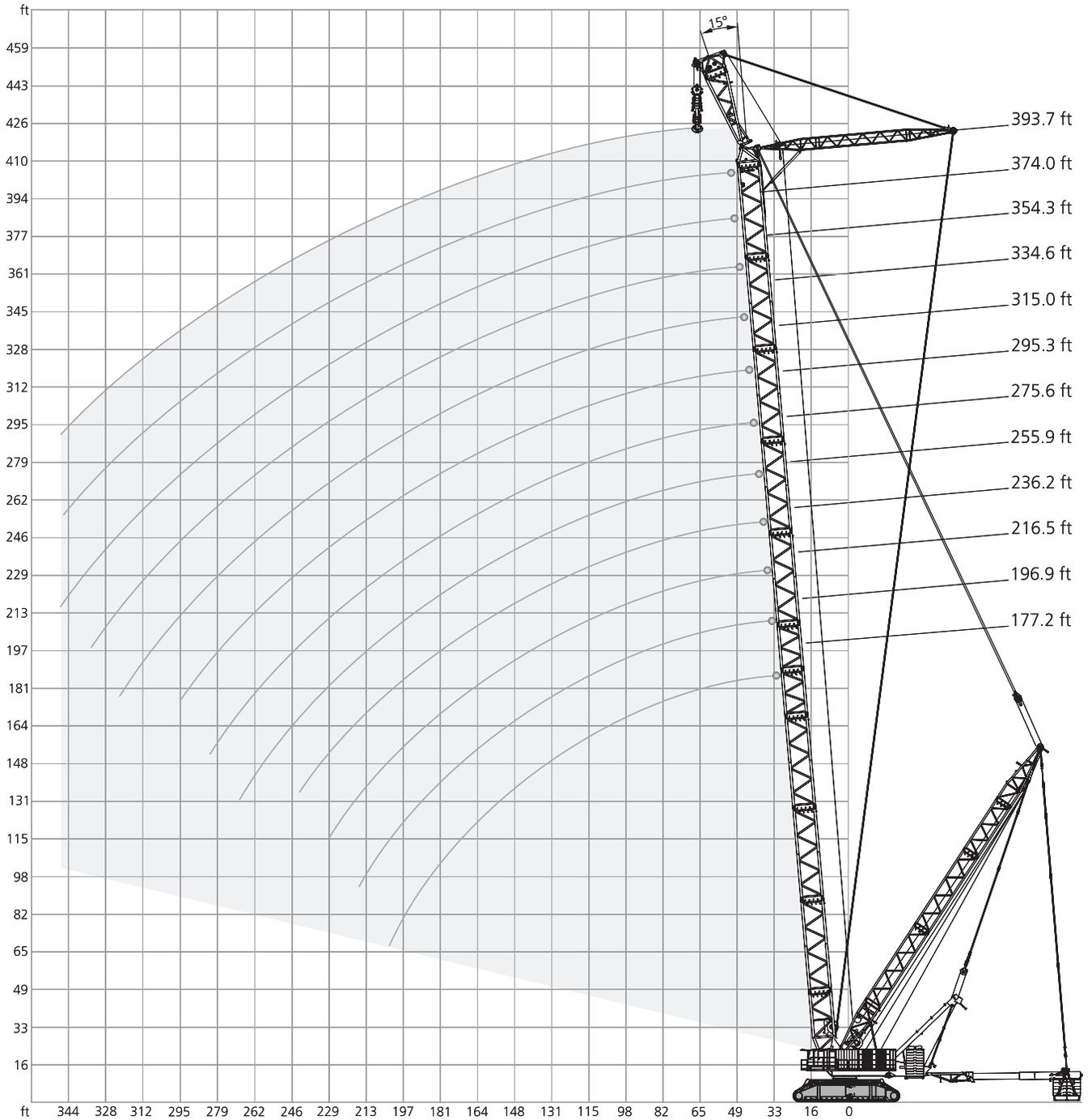
ft	88°/85°	88°/85°	75°	65°	55°	45°
160.8	-	79.4*	-	-	-	-
164.0	-	78.7*	-	-	-	-
177.2	-	74.7*	-	-	-	-
190.3	-	70.3*	-	-	-	-
196.9	-	87.5	-	-	-	88.6
203.4	-	85.8	-	-	-	88.6
216.5	-	82.7	-	-	-	87.7
229.7	-	78.9	-	-	-	86.9
242.8	-	75.2	-	-	-	86.0
255.9	-	71.2	-	-	-	84.9
262.5	-	69.0	-	-	-	84.2
269.0	-	66.8	-	-	-	83.3
282.2	-	62.7	-	-	-	81.5
295.3	-	58.5	-	-	-	79.6
308.4	-	54.3	-	-	-	77.7
321.5	-	50.2	-	-	-	75.8
331.4	-	47.0	74.7	-	-	73.6
334.6	-	46.0	74.5	-	-	72.9
337.9	-	45.0	74.1	-	-	72.1
347.8	-	-	73.2	-	-	69.9
360.9	-	-	71.4	-	-	66.9
374.0	-	-	69.4	-	-	63.9
387.1	-	-	67.2	-	-	61.0
400.3	-	-	65.0	-	-	58.0
413.4	-	-	62.8	-	-	55.0
426.5	-	-	60.4	-	-	52.0
439.6	-	-	58.0	-	-	49.1
452.8	-	-	55.6	-	-	46.1
456.0	-	-	55.0	-	-	45.4
462.6	-	-	53.9	48.3	-	-
465.9	-	-	53.4	48.1	-	-
479.0	-	-	50.9	45.6	-	-
482.3	-	-	50.4	44.3	-	-
485.6	-	-	49.8	-	-	-

19.7 ft steps of luffing jib is standard

* Main boom angle 88°

Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

0 lb 220,500 lb 396,900 lb 529,200 lb 749,700 lb 970,200 lb 1190,700 lb 1411,000 lb



      													
           													
ft	1,000 lb												ft
45.9	2361.2	-	-	-	-	-	-	-	-	-	-	-	45.9
52.5	2220.1	2167.1	2142.9	1931.3	1748.3	-	-	-	-	-	-	-	52.5
59.1	2096.6	2059.1	2142.9	1931.3	1748.3	1565.3	1404.3	1261.0	-	-	-	-	59.1
65.6	1986.4	1962.1	2085.6	1931.3	1748.3	1565.3	1404.3	1261.0	1137.6	1022.9	903.9	-	65.6
68.9	1937.9	1918.0	2039.3	1931.3	1748.3	1565.3	1404.3	1261.0	1137.6	1022.9	903.9	806.9	68.9
72.2	1889.4	1873.9	1993.0	1931.3	1748.3	1565.3	1404.3	1261.0	1137.6	1022.9	903.9	806.9	72.2
78.7	1801.2	1794.6	1909.2	1885.0	1748.3	1565.3	1404.3	1261.0	1137.6	1022.9	901.7	804.7	78.7
85.3	1721.8	1721.8	1832.0	1832.0	1699.8	1558.7	1404.3	1261.0	1137.6	1022.9	901.7	804.7	85.3
91.9	1649.1	1655.7	1759.3	1765.9	1684.3	1543.2	1397.7	1261.0	1137.6	1022.9	899.5	802.5	91.9
98.4	1582.9	1593.9	1655.7	1642.4	1629.2	1519.0	1388.9	1256.6	1135.4	1022.9	899.5	800.3	98.4
111.5	1461.7	1448.4	1435.2	1422.0	1408.8	1395.5	1373.5	1241.2	1131.0	1016.3	886.3	791.5	111.5
124.7	1287.5	1274.3	1261.0	1247.8	1234.6	1221.4	1210.3	1197.1	1117.7	1011.9	873.0	778.2	124.7
137.8	1124.4	1133.2	1119.9	1106.7	1093.5	1080.3	1067.0	1053.8	1042.8	965.6	857.6	762.8	137.8
150.9	965.6	1018.5	1003.1	989.9	976.6	963.4	950.2	937.0	923.7	910.5	828.9	740.8	150.9
164.0	831.1	895.1	901.7	888.5	875.2	862.0	851.0	837.8	824.5	811.3	800.3	716.5	164.0
177.2	736.3	776.0	817.9	804.7	789.3	776.0	765.0	751.8	738.5	725.3	765.0	692.3	177.2
190.3	641.5	672.4	718.7	729.7	716.5	703.3	690.0	676.8	665.8	650.4	727.5	661.4	190.3
203.4	540.1	601.9	626.1	661.4	654.8	639.3	628.3	612.9	601.9	586.4	654.8	634.9	203.4
216.5	-	522.5	542.3	579.8	599.7	584.2	571.0	557.8	544.5	531.3	590.8	573.2	216.5
229.7	-	-	496.0	504.9	533.5	535.7	522.5	509.3	496.0	482.8	531.3	515.9	229.7
242.8	-	-	-	443.1	467.4	485.0	480.6	467.4	454.2	438.7	478.4	465.2	242.8
255.9	-	-	-	-	405.7	427.7	440.9	427.7	414.5	401.2	429.9	416.7	255.9
269.0	-	-	-	-	366.0	372.6	390.2	394.6	381.4	366.0	385.8	374.8	269.0
282.2	-	-	-	-	-	324.1	341.7	350.5	350.5	335.1	346.1	335.1	282.2
295.3	-	-	-	-	-	-	295.4	306.4	313.1	306.4	308.6	299.8	295.3
308.4	-	-	-	-	-	-	-	264.6	273.4	275.6	282.2	266.8	308.4
321.5	-	-	-	-	-	-	-	231.5	238.1	240.3	253.5	242.5	321.5
334.6	-	-	-	-	-	-	-	-	201.7	207.2	222.7	215.0	334.6
347.8	-	-	-	-	-	-	-	-	-	175.3	195.1	188.5	347.8
360.9	-	-	-	-	-	-	-	-	-	-	167.6	163.1	360.9
374.0	-	-	-	-	-	-	-	-	-	-	140.0	137.8	374.0
387.1	-	-	-	-	-	-	-	-	-	-	-	113.5	387.1
390.4	-	-	-	-	-	-	-	-	-	-	-	108.5	390.4

	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb	1588,000 lb	1764,000 lb
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Ratings are in compliance with ASME B 30.5.

Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.

Consult operation manual for further details.

Note: Data published herein is intended as a guide only and shall not be construed to warrant applicability for lifting purposes. Crane operation is subject to the computer charts and operation manual both supplied with the crane.

In some instances the superlift counterweight does not lift off the ground with the indicated load.

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Crawler Carrier

5-section carrier comprising car body, two cross axles and two split-type crawler side frames.
Car body, cross axles and side frames are pin-connected hydraulically.
Track width: 34.5 ft.

Car body	Bending- and torsion-resistant welded structure fabricated from high-strength fine grain structural steel. Quick-disconnect fittings (optional) facilitate removal of slew ring from car body to minimise weight for transportation.
Cross axles	Bending- and torsion-resistant welded structure fabricated from high-strength fine grain structural steel incl. hydraulic jack legs.
Crawler side frames	Bending- and torsion-resistant welded structure fabricated from high-strength fine grain structural steel. Split-type side frames to minimise weight for transportation. Centralised lubrication included as standard.
Crawlers	Crawler pads made of heat-treated high-strength cast steel. 15 rollers per crawler with hardened rolling surfaces.
Drive	The crawlers are each driven by two hydraulic motors through closed planetary gear reduction units running in oil bath, equipped with spring loaded, hydraulically released holding brakes. Each crawler provides independent, infinitely variable control and counter-rotation capability. Quadro-Drive as standard.
Slew unit	Four slew gearboxes in car body powered by hydraulic motors through closed planetary gear units running in oil bath. Spring loaded, hydraulically released holding brake and non-wearing hydraulic braking.

Superstructure

Counterweight	650,500 lb in combination with 132,300 lb central ballast.
Frame	Torsion-resistant welded structure fabricated from high-strength fine grain structural steel. Longitudinal beam construction to accommodate three rope drums and boom hoist. Split-type superstructure for ease of transportation.
Power and control module	<p>Two independent drive units incl. pump transfer gearbox and pumps are contained in a separate module which is connected to the side of the superstructure. Power comes from two Mercedes-Benz diesel engine type OM 471 LA. Output: 390 kW (523 HP) at 1700 ¹/min, torque 2460 Nm at 1300 ¹/min each. The engine complies with emission standard EU Stage IV / EPA Tier 4f regulations. The system is equipped with Ad-Blue and a SCR catalytic converter.</p> <p>Optional for non-regulated markets: Mercedes-Benz diesel engine type OM 502 LA. Output: 390 kW (523 HP) at 1800 ¹/min, torque 2400 Nm at 1300 ¹/min each. The engine complies with emission standard EU Stage III A / EPA Tier 3 regulations.</p> <p>Pump transfer gearbox with five variable displacement axial piston pumps and gear pumps. The power and control module includes cabin, complete electrics and electric generators as standard. Fuel tank capacity: 528 gallons.</p>
Rope drums	Standard superstructure equipment includes three rope drums – hoist 1, hoist 2 and boom hoist. Rope drums powered through closed planetary gear units running in oil bath. All rope drums have hydraulically released multi-disc brakes and non-wearing hydraulic braking for load lowering. Rope ends of all drums provided with quick-connect rope end fittings. Hydraulically pinned hoists H1 and H2 (optional H3) can be removed in order to minimise weight for transportation.
Control system	IC-1: Electronic proportional valve pilot control integrated in stored-program control system incl. diagnostic. Two multi-color monitors, load indicator operated via a touch screen. Working speeds infinitely variable controlled by the lever position. Automatic power control for optimal utilisation of engine output. Standard working range limitation and ground pressure indicator.
Cabin	Spacious comfortable cab located at front end of power module. Large laminated glass for front and roof windows, computerised air conditioner as standard and self-contained hot air heater. Front console includes instrumentation and crane controls as well as two graphic displays. It can be tilted back, together with the operator seat, for an improved operator view of the boom point. Camera systems for monitoring the rope drums and SL ballast, hour meter, load moment indicator, two working lights, storage cabinets and refrigerator are included as standard.
Electrical equipment	24 V system (2 batteries 12 V / 180 Ah). 3-phase alternator 24 V, 80 A. Plus 3-phase generator 400 V 50 Hz 20 kVA for air conditioner, heater, lighting and multiple use on the job site. Emergency generator 400 V 50 Hz 16 kVA.
Quick-connection	Hydraulic quick-disconnect fittings on superstructure and carrier as standard.

Boom Configurations

General	Tubular chord lattice structure fabricated from high-strength fine grain structural steel. Walkways on boom, jib and mast. Hydraulic pinning.
SSL	Main boom: foot section 32.8 ft, inserts 19.7 ft and 39.4 ft, boom head 6.6 ft with 2 sheave-sets. Superlift equipment. Main boom lengths: 177.2-393.7 ft.
HSSL	Main boom: Using the heavy sections of main boom SSL 354.3 ft. Superlift equipment. Main boom lengths: 157.5-275.6 ft.
SSL / LSL (SGL 354.3 ft)	Main boom: foot section 32.8 ft, inserts 19.7 ft and 39.4 ft, extended by jib inserts 19.7 ft and 39.4 ft, heavy-lift top 6.6 ft with 1 sheave-set from main boom SSL. Superlift equipment. Main boom lengths: 374.0-511.8 ft.
SSL / LSL+LF S2	Main boom: foot section 32.8 ft, inserts 19.7 ft and 39.4 ft, extended by jib inserts 19.7 ft and 39.4 ft, heavy-lift top 6.6 ft with 1 sheave-set from main boom SSL. Fixed fly jib: foot section 29.5 ft, jib top section 29.5 ft. Jib length: 59.0 ft. Main boom lengths: 374.0-472.4 ft. Offset: 20°.
SWSL	Main boom: same as SSL. Offset 88° to 45°. Luffing fly jib: foot section 32.8 ft, inserts 19.7 ft and 39.4 ft, heavy-lift top 6.6 ft with 1 sheave-set from main boom SSL. Superlift equipment. Main boom lengths: 177.2-393.7 ft. Jib lengths: 118.1-393.7 ft.
FSFL	Same as SWSL. Offset fly jib 15°.
SFVL	Main boom: same as SSL. Fixed fly jib: foot section 32.8 ft, heavy-lift top 6.6 ft with 2 sheave-sets from main boom SSL. Superlift equipment. Main boom lengths: 177.2-393.7 ft. Jib length: 39.4 ft. Offset: 15°.
Pinning of boom	Hydraulic assisted pinning of boom sections as standard.
Reeving winch	Mounted on superstructure as standard.
Operator aids	Electronic load indicator, hoist limit switch, limit switches for boom movements, hydraulic boom backstops, anemometer.

Superlift Configurations

Tele-SL	Mast 164.0 ft (type 2621), counterweight tray 1411,000 lb or 1764,000 lb or counterweight carrier for max. 1411,000 lb optional. Superlift radius infinitely variable during operation: 62.3 ft to 82.0 ft with a mast radius of 72.2 ft and 78.7 ft to 98.4 ft with a mast radius of 86.6 ft.
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Optional Equipment

Counterweight carrier	The counterweight carrier with a max. total weight of 1411,000 lb is adjustable from 62.3 ft to 82 ft or from 78.7 ft to 98.4 ft from the centre of rotation, and can be operated in the circular path, trailing and ± 30° parallel travel modes. Deadweight 286,650 lb, strips down to three components for easy transport.
Superlift counterweights	
Runner equipment 9.8 ft – 154,350 lb	For 2 lines, mounted on main boom or jib heads. Distance to sheave set in steep boom position approx. 4.3 ft. Lifting capacity: max. 154,350 lb.
Hoist H3	Mounted on superstructure.
Fire suppression system	Automatic fire suppression system incl. shutters at container.
Fire detection system	Detection only.
Bunk bed in cabin	Foldable bunk-bed.
Folding seats in cabin	Two folding sets in cabin.
Fall protection	For main boom, jib and SL mast.
1764,000 lb Superlift-Tray	
Boom Booster Kit	Details on request.
TWIN Kit	Details on request.

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