

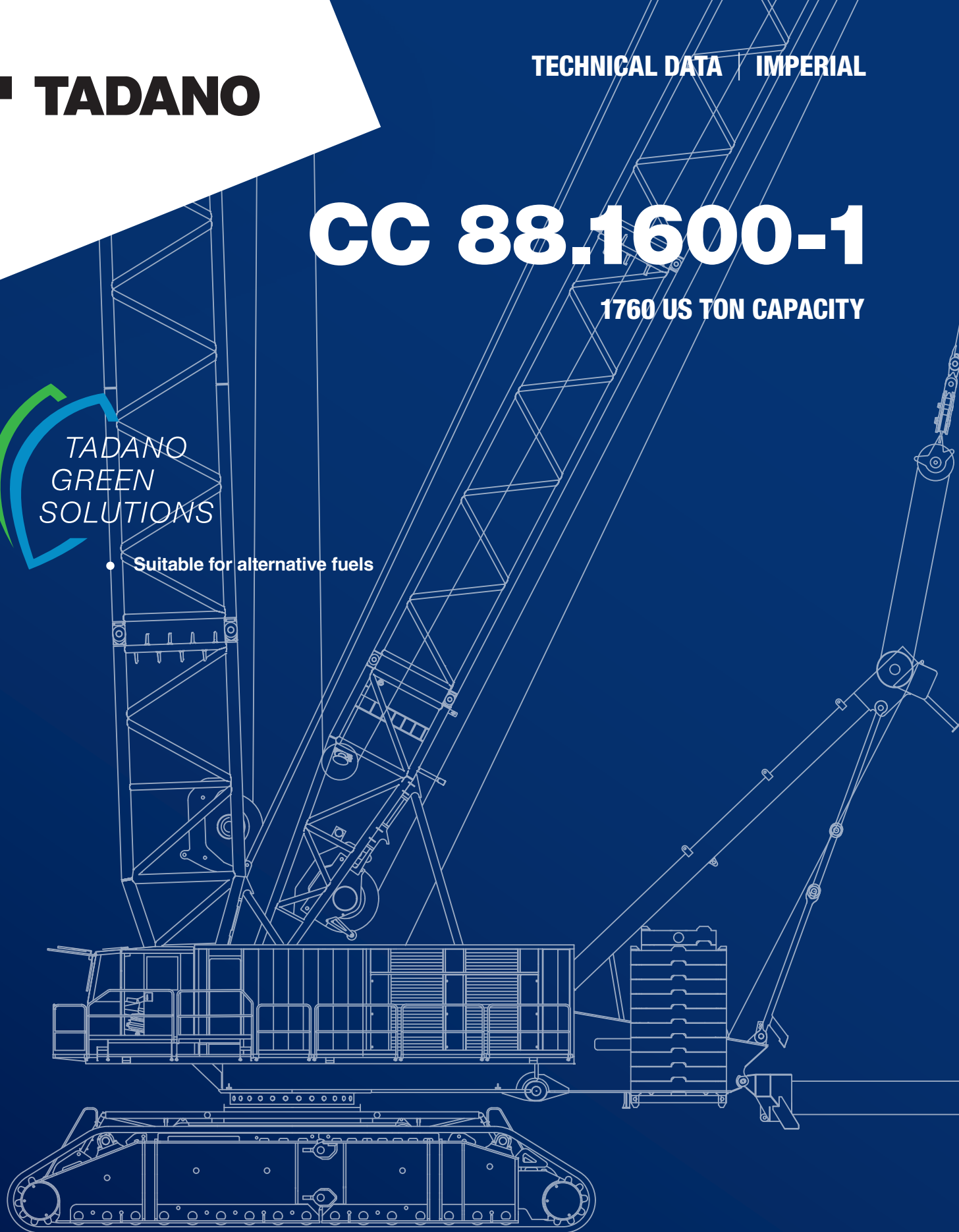
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1760 US TON CAPACITY



TADANO
GREEN
SOLUTIONS

- Suitable for alternative fuels





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Contents

Specifications	7
Working speeds.....	8
Hook block system	9
Number of lines	9
Basic crane dimensions.....	10-11
Superlift configurations.....	12
Counterweight.....	13
Transportation	14-15
Boom heads.....	15
Boom combinations	16-17
Main boom	19
SSL, HSSL, SSL/LSL	20-25
Fixed fly jib	27
SSL/LSL+LF S2.....	28-29
Luffing fly jib	31
SWSL, SFSL	32-73
Fixed fly jib with SL	75
SFVL.....	76-77
Notes to Lifting Capacity.....	78
Technical description.....	80-81

Key



Track



Counterweight + central ballast (ZB)



Superlift counterweight



Central ballast



Superlift radius



Possible load of hook block



Weight of hook block



Load radius



Main boom



Fly jib



Mast



Main boom angle



Fly jib angle



Runner



Track shoe width



Hook block



Hoist 1



Hoist 2



Hoist 3



Jib luffing



Boom derricking



Boom hoist



Travel speed



Working speeds



Slewing



Max. line pull



Rope diameter



Rope length



Number of lines



Number of sheaves



Wind speed in ft/s (feet per second)

Key



Distance head sheave axle – hook ground

S: heavy

L: light

H / HA: Main boom

HI: Luffing jib

MA: Mast

W: Luffing fly jib

F: Fixed fly jib

SL: Superlift

V: Vessellift

SGL: Heavy base length

Highlights

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

SPECIFICATIONS



Specifications

Working speeds (infinitely variable)				
				
	max. 393.7 ft/min	79.132 lbf	1.6"	5053 ft
	max. 393.7 ft/min	79.132 lbf	1.6"	5053 ft
	max. 295.3 ft/min	79.132 lbf	1.6"	2493 ft
	max. 393.7 ft/min		1.6"	
	max. 131.2 ft/min		1.6"	
	max. 344.5 ft/min		1.6"	
	0-0.6 rpm			
	max. 0.5 mph			

1) top layer

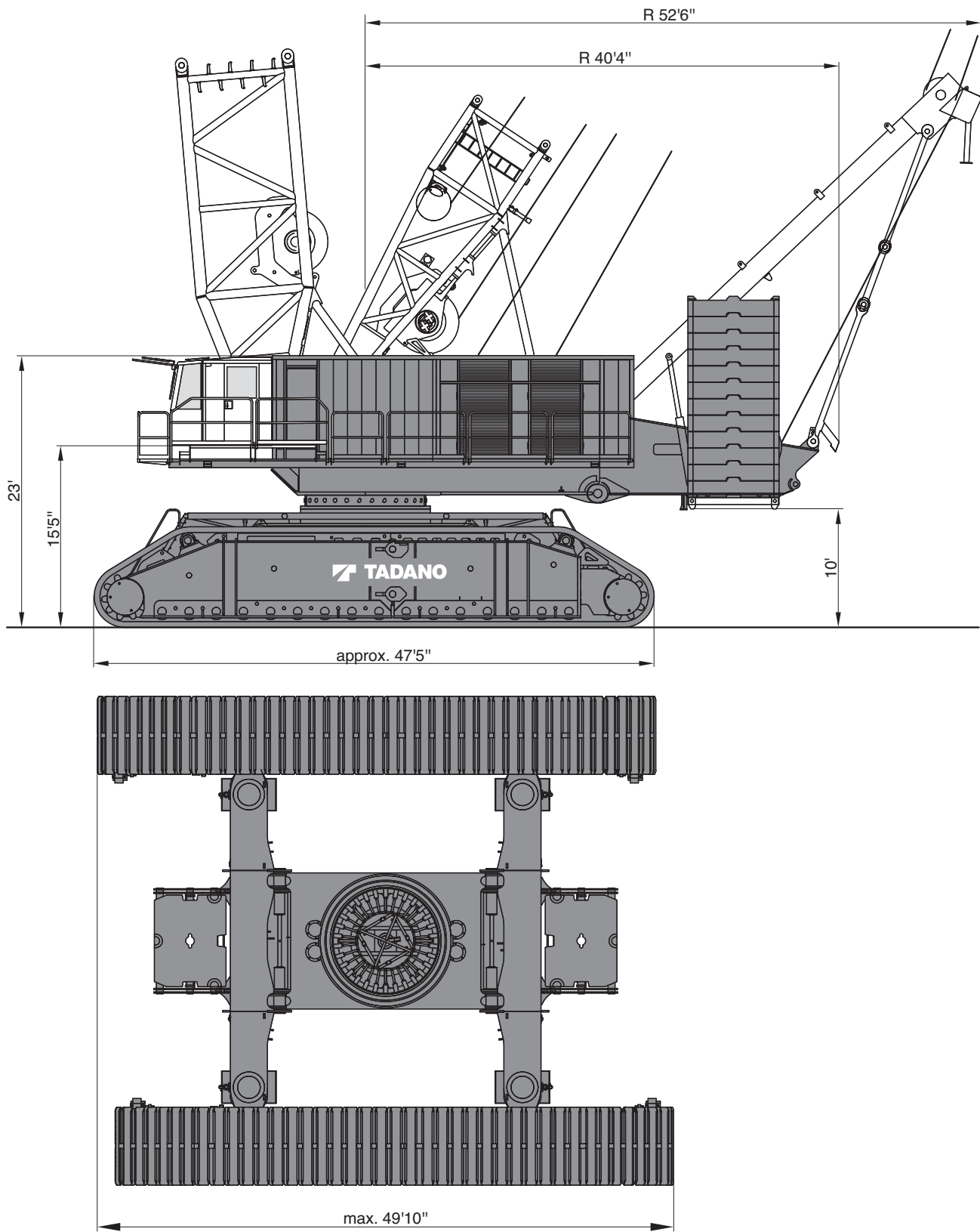
Specifications

Hook block system					
					
2 x 800	3528,000 lb 1764,000 lb 1764,000 lb 1091,500 lb	2 x 13 2 x 7 1 x 13 1 x 7	2 x 26 2 x 12 2 x 12 1 x 14	97,000 lb 61,700 lb / 39,700 lb 61,700 lb / 39,700 lb 48,500 lb / 18,700 lb	28.5 ft 21.3 ft 20.3 ft 21.3 ft
2 x 675	2977,000 lb 1488,000 lb 1488,000 lb 816,000 lb	2 x 10 2 x 5 1 x 10 1 x 5	2 x 21 2 x 11 1 x 21 1 x 11	88,200 lb / 46,300 lb 35,300 lb / 27,600 lb 35,300 lb / 27,600 lb 32,000 lb / 17,600 lb	27.9 ft 19.7 ft 19.7 ft 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

Number of lines																										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
	77,200 lb	154,400 lb	231,500 lb	306,500 lb	383,700 lb	456,400 lb	531,400 lb	604,200 lb	676,900 lb	747,500 lb	818,100 lb	888,600 lb	959,200 lb	1027,500 lb	1095,900 lb	1162,000 lb	1228,200 lb	1294,300 lb	1360,500 lb	1424,400 lb	1488,400 lb	1552,300 lb	1616,300 lb	1678,000 lb	1739,700 lb	
 1 x 220,500 lb		X	X																							
 1 x 816,000 lb			X	X	X	X	X	X	X	X	X															
1 x 1091,500 lb			X	X	X	X	X	X	X	X	X	X	X	X	X											
1 x 1488,000 lb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
1 x 1764,000 lb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	2 x 1	2 x 2	2 x 3	2 x 4	2 x 5	2 x 6	2 x 7	2 x 8	2 x 9	2 x 10	2 x 11	2 x 12	2 x 13	2 x 14	2 x 15	2 x 16	2 x 17	2 x 18	2 x 19	2 x 20	2 x 21	2 x 22	2 x 23	2 x 24	2 x 25	2 x 26
			463,000 lb	613,000 lb	767,400 lb	912,800 lb	1062,800 lb	1208,400 lb	1353,800 lb	1495,000 lb	1636,200 lb	1777,200 lb	1918,400 lb	2055,000 lb	2191,800 lb	2324,000 lb	2456,400 lb	2588,600 lb	2721,000 lb	2848,800 lb	2976,800 lb	3104,600 lb	3232,600 lb	3356,000 lb	3479,400 lb	3528,000 lb
 2 x 441,000 lb			X	X	X	X																				
2 x 749,700 lb				X	X	X	X	X	X	X																
2 x 882,000 lb				X	X	X	X	X	X	X	X	X														
2 x 1488,000 lb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
2 x 1764,000 lb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

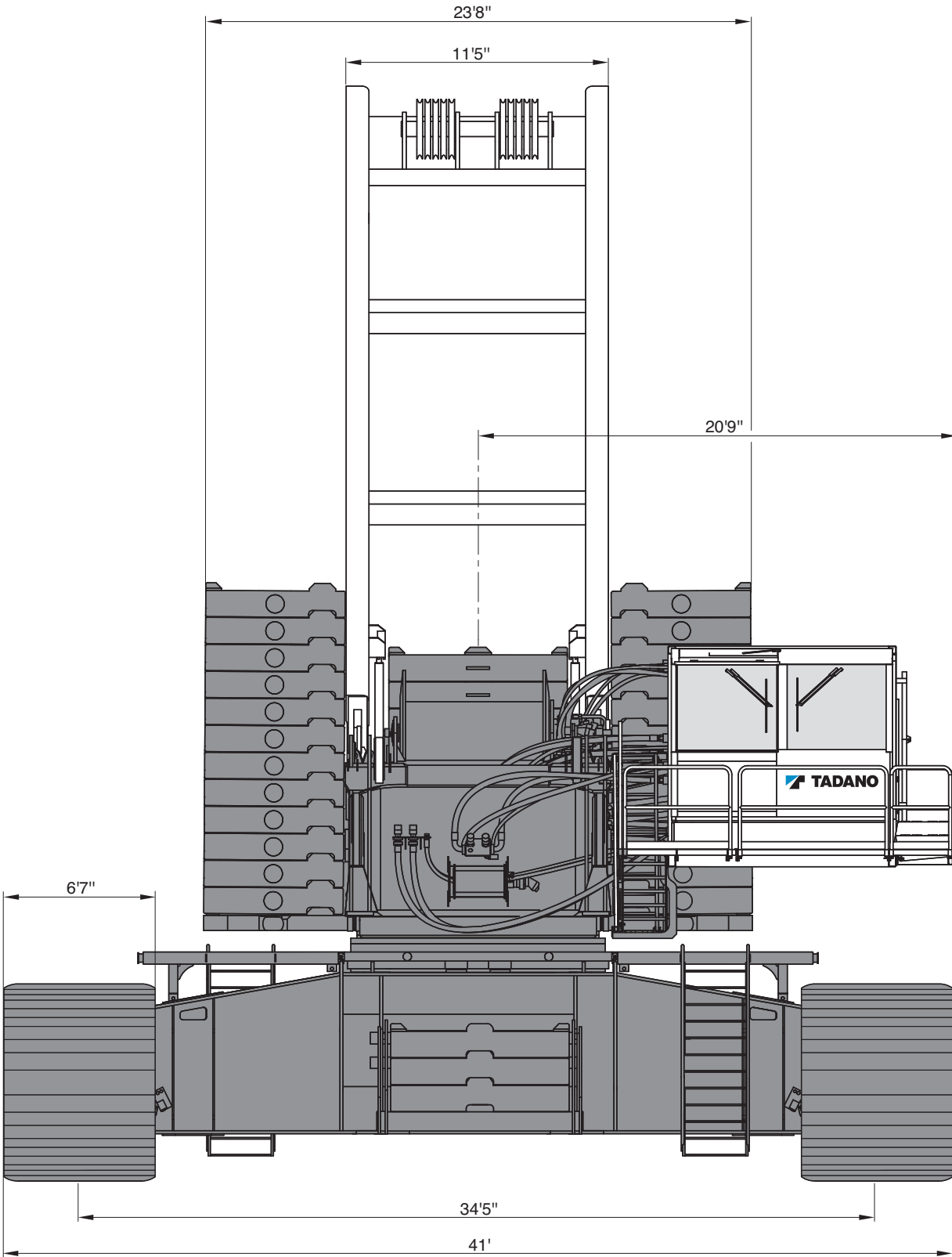
Specifications

Basic crane dimensions



Specifications

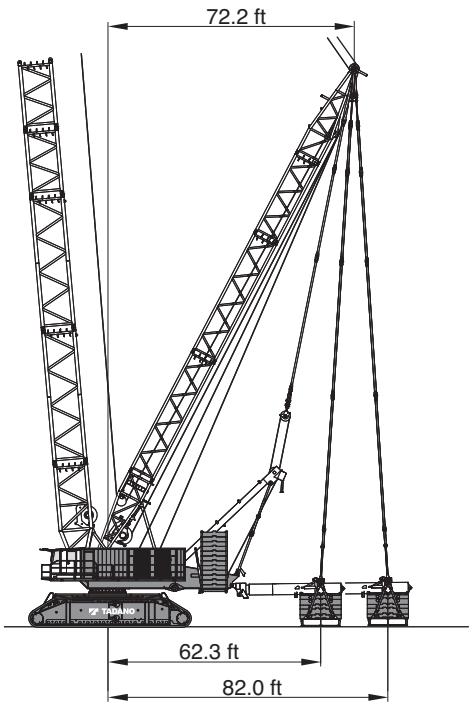
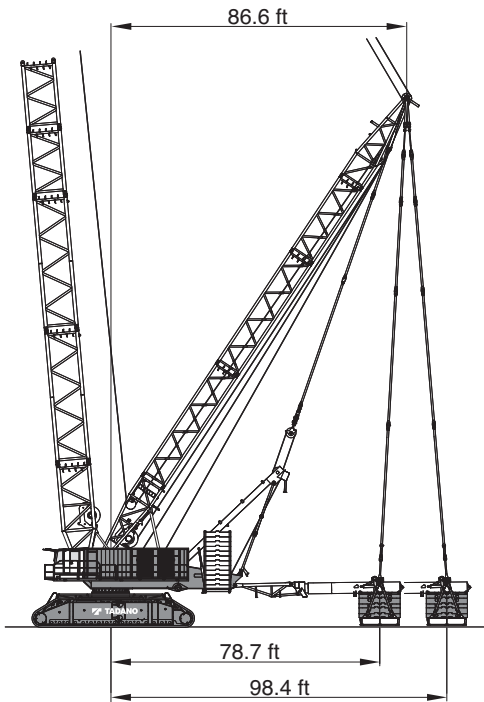
Basic crane dimensions



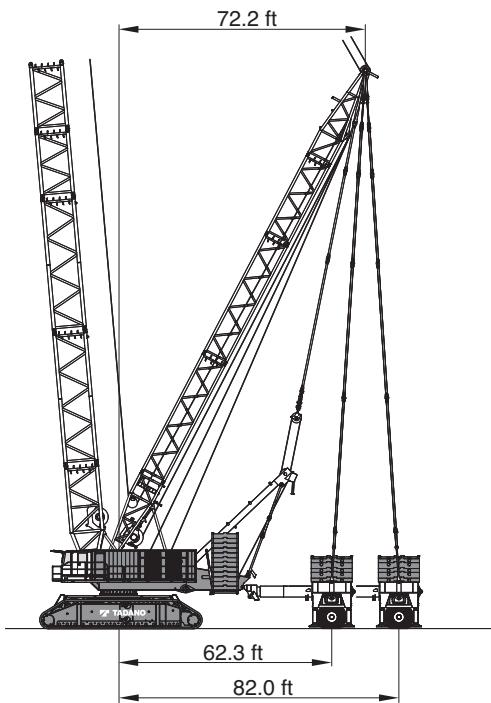
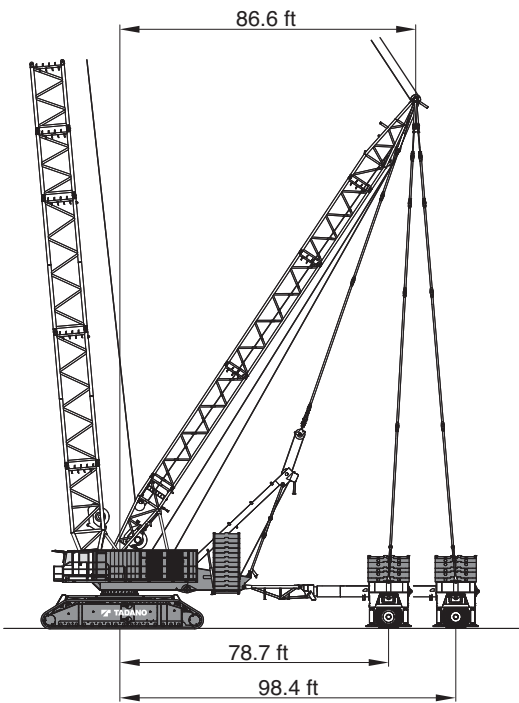
Specifications

Superlift configurations

Tele-SL (Standard)*



Tele-SL (Wagon, optional)**

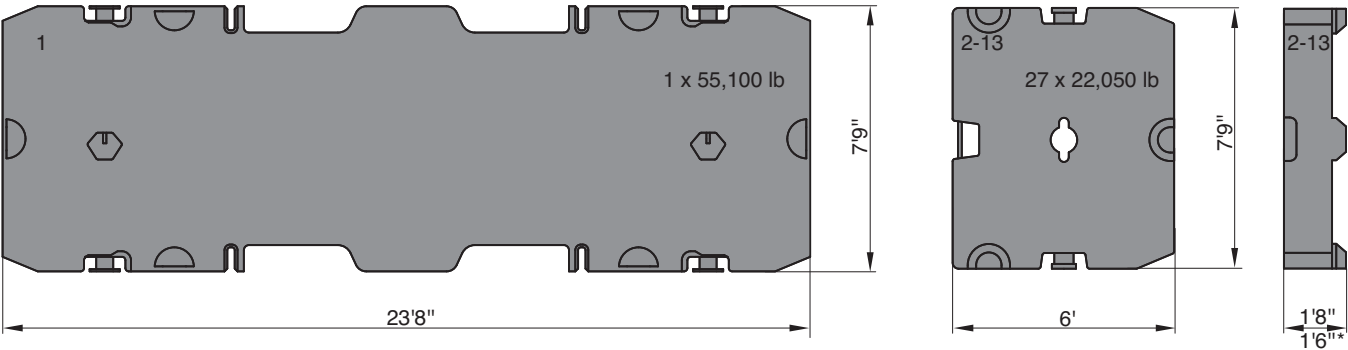
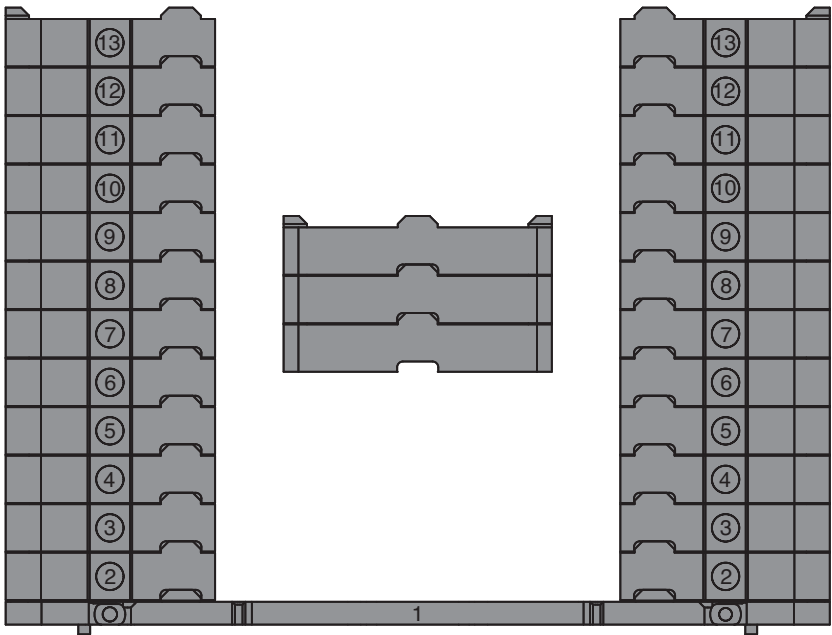


* Standard 1411,000 lb (optional 1764,000 lb)

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

Specifications

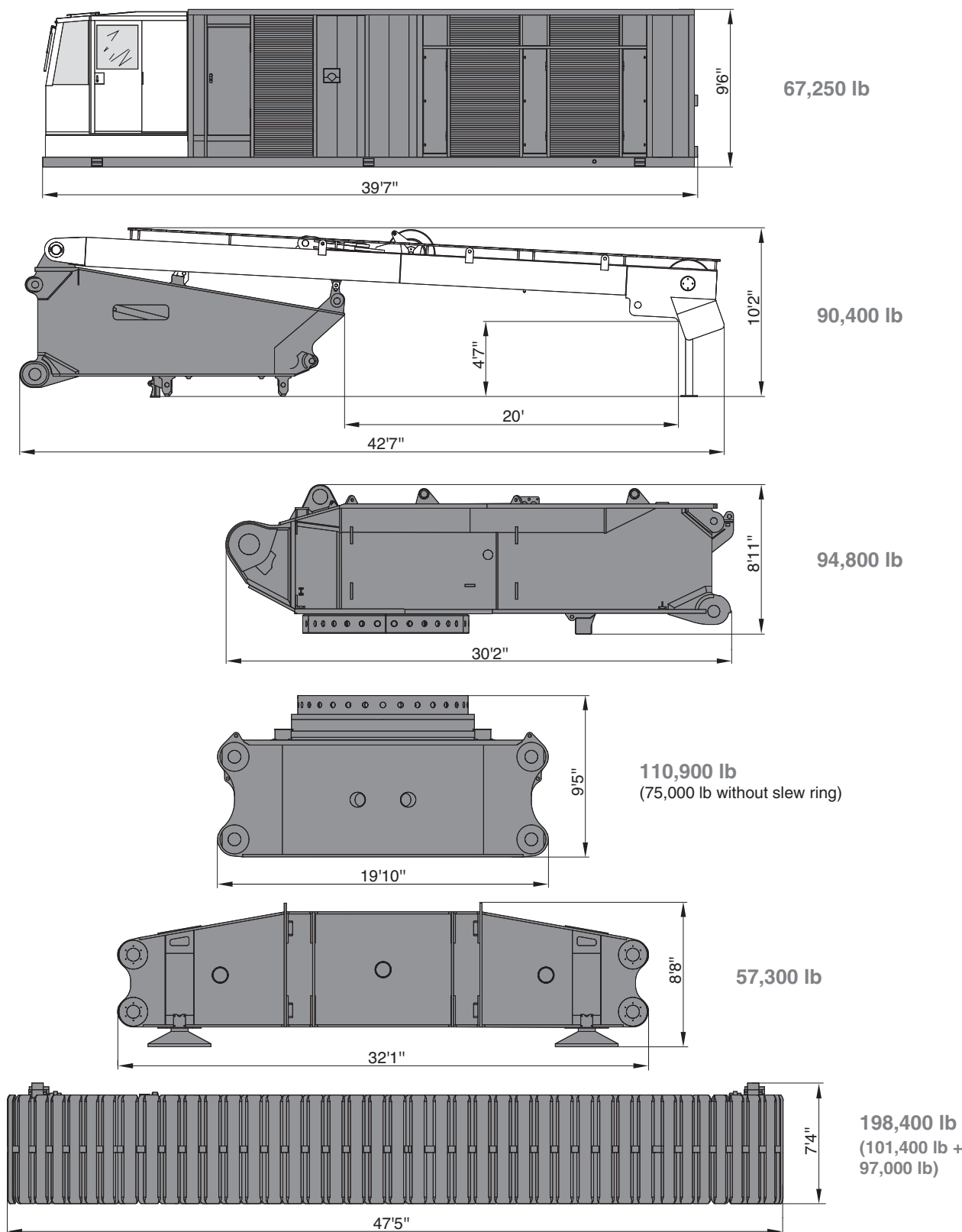
Counterweight



* Option

Specifications

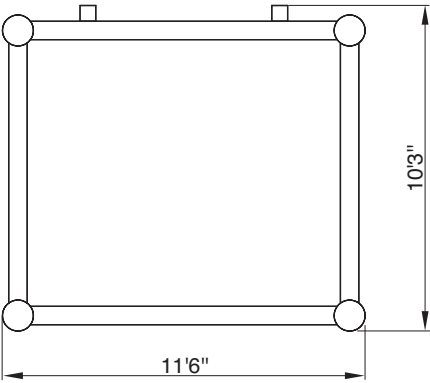
Transportation



Specifications

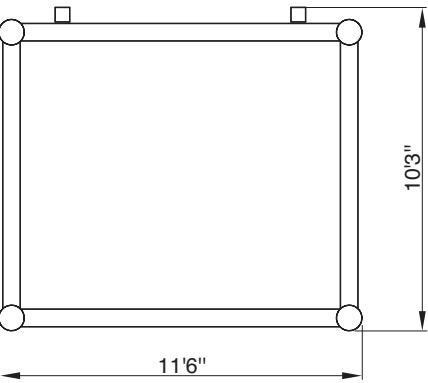
Transportation

Main Boom (HA)



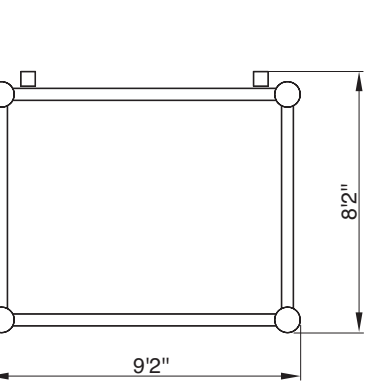
Type 3227

Jib (HI)



Type 3227

Superlift (MA)

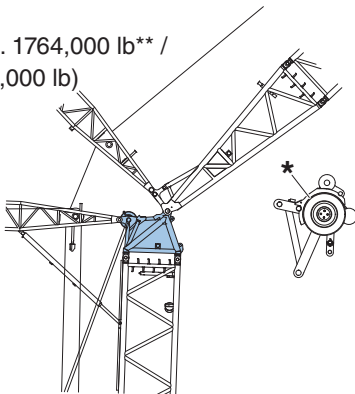


Type 2621

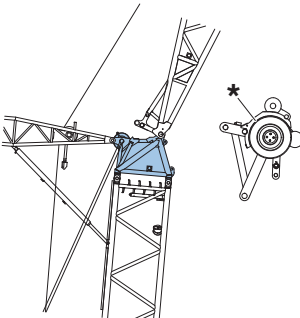
Boom heads

A

(max. 1764,000 lb** / 1488,000 lb)

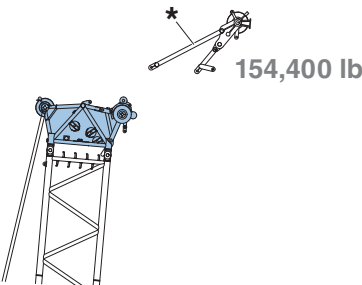


A1

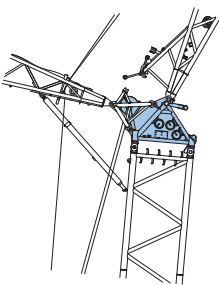


B

(max. 3528,000 lb** / 2977,000 lb)

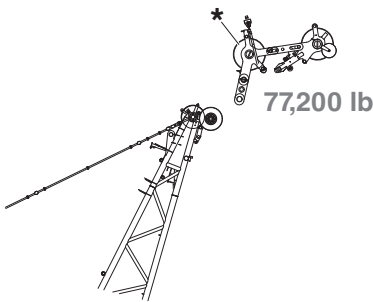


B1



C

(max. 882,000 lb)

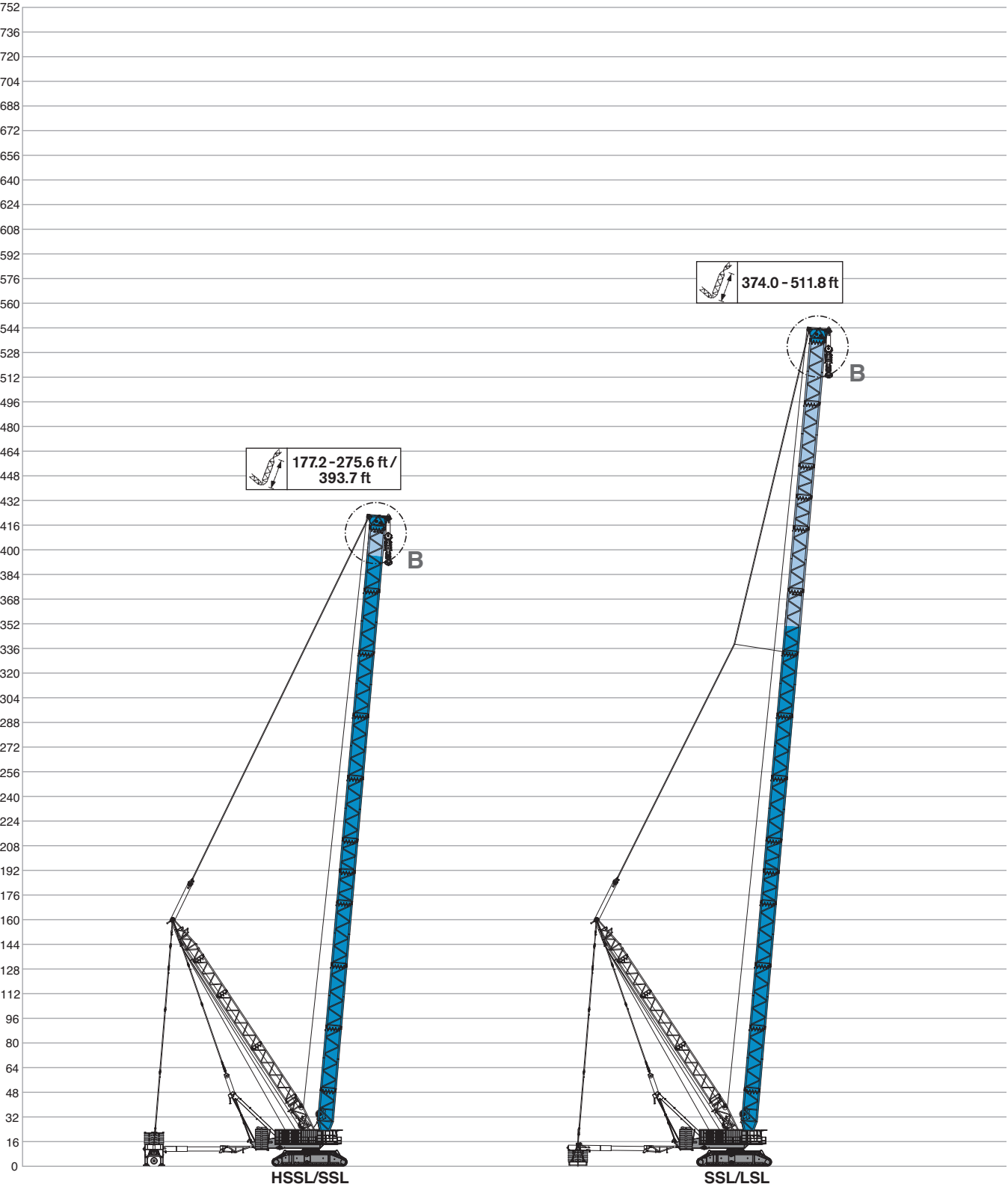


* Attachable ** Option

Specifications

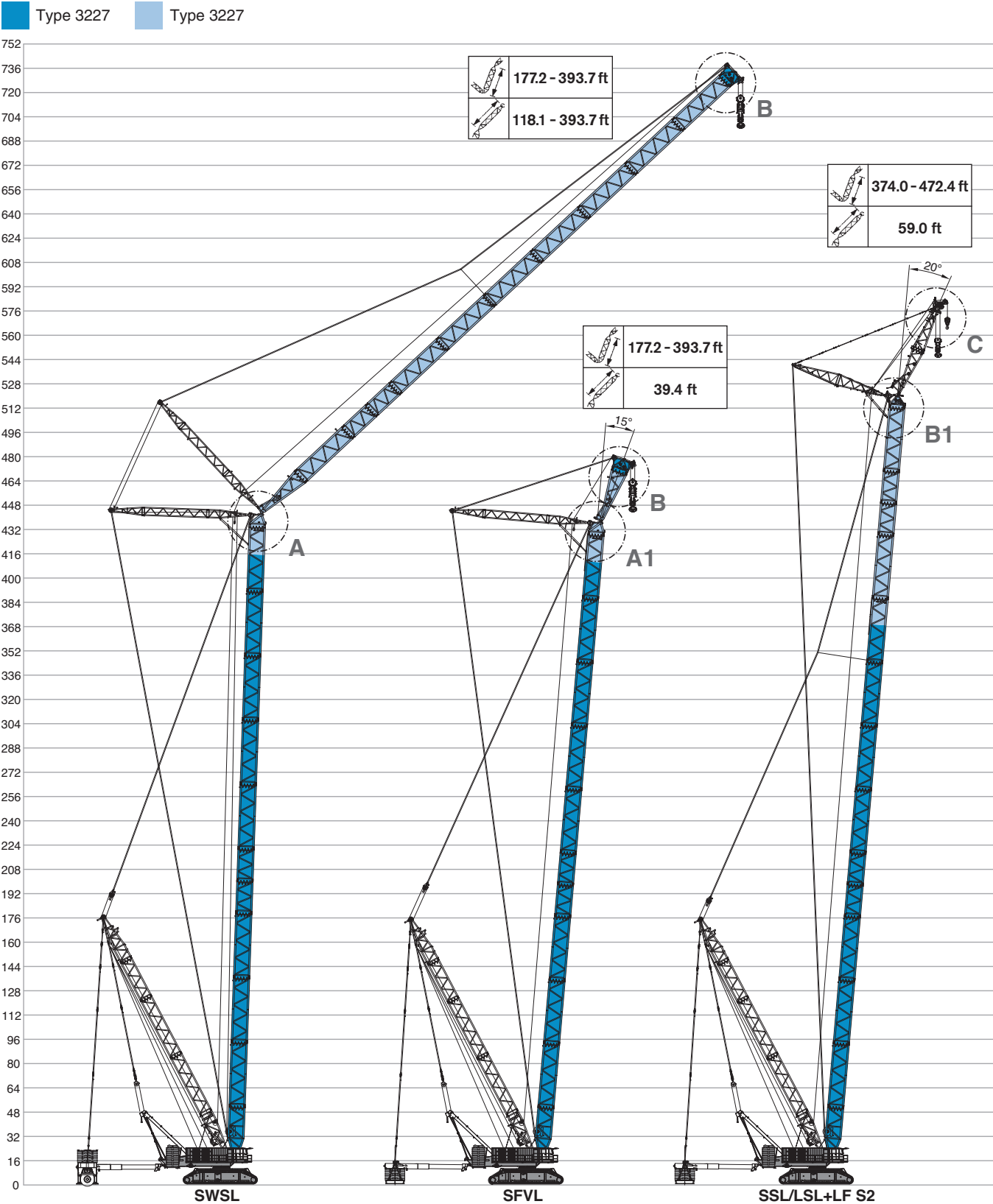
Boom combinations

Type 3227 Type 3227



Specifications

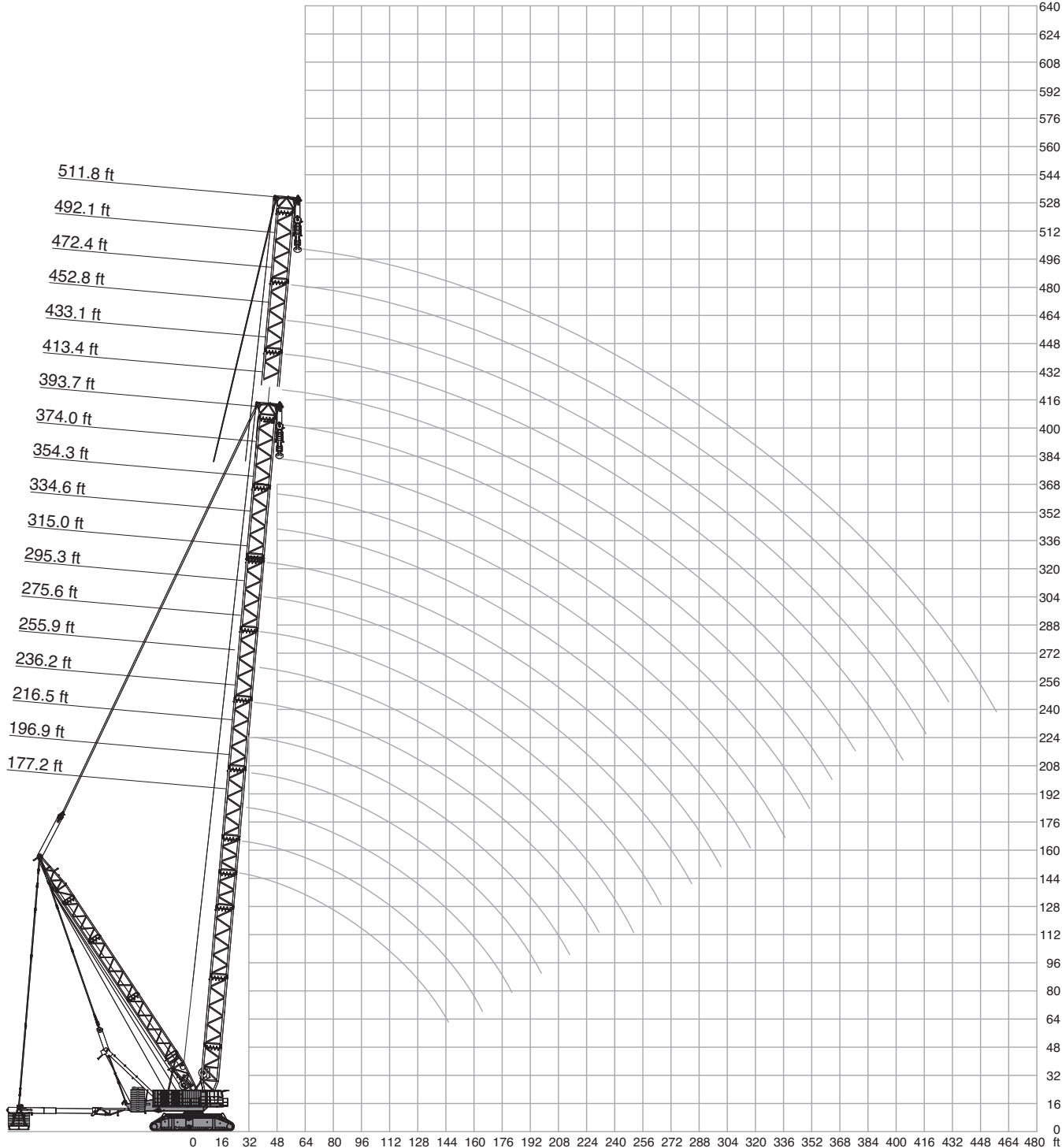
Boom combinations



Notes

MAIN BOOM





Operation

SSL, HSSL

 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			196.9 ft			216.5 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														
ft														ft
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

		236.2 ft			255.9 ft			275.6 ft			295.3 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
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

Operation

SSL, HSSL

 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		
1,000 lb									
ft									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	736.3	1247.8	1247.8	709.9	1119.9	1119.9	690.0	1009.7	1009.7	663.6	906.1	906.1	52.5
59.1	650.4	1247.8	1247.8	628.3	1119.9	1119.9	610.7	1009.7	1009.7	588.6	906.1	906.1	59.1
65.6	579.8	1247.8	1247.8	560.0	1119.9	1119.9	544.5	1009.7	1009.7	524.7	906.1	906.1	65.6
72.2	520.3	1247.8	1247.8	500.4	1119.9	1119.9	489.4	1007.5	1007.5	469.6	906.1	906.1	72.2
78.7	467.4	1247.8	1247.8	451.9	1119.9	1119.9	440.9	1007.5	1007.5	423.3	906.1	906.1	78.7
85.3	423.3	1247.8	1247.8	407.9	1119.9	1119.9	396.8	1007.5	1007.5	381.4	906.1	906.1	85.3
91.9	383.6	1239.0	1239.0	370.4	1115.5	1115.5	361.6	998.7	998.7	346.1	901.7	901.7	91.9
98.4	348.3	1221.4	1221.4	335.1	1102.3	1102.3	328.5	983.3	983.3	313.1	897.3	897.3	98.4
111.5	291.0	1188.3	1188.3	280.0	1080.3	1080.3	273.4	950.2	950.2	260.1	888.5	888.5	111.5
124.7	242.5	1142.0	1155.2	233.7	1058.2	1058.2	227.1	919.3	919.3	216.1	877.4	877.4	124.7
137.8	201.7	1113.3	1122.2	195.1	1029.6	1034.0	189.6	888.5	888.5	178.6	868.6	868.6	137.8
150.9	160.9	1011.9	1071.4	157.6	996.5	1005.3	158.7	862.0	862.0	147.7	859.8	859.8	150.9
164.0	127.9	912.7	1014.1	124.6	908.3	948.0	125.7	826.7	826.7	121.3	833.3	844.4	164.0
177.2	100.3	828.9	952.4	97.0	824.5	901.7	98.5	787.1	787.1	94.4	800.3	811.3	177.2
190.3	76.9	756.2	866.4	73.4	751.8	853.2	75.0	745.2	745.2	70.5	747.4	769.4	190.3
203.4	57.1	694.5	791.5	53.4	690.0	787.1	54.7	690.0	705.5	50.3	685.6	736.3	203.4
216.5	39.9	639.3	725.3	36.2	634.9	723.1	37.3	634.9	665.8	32.8	630.5	703.3	216.5
229.7	25.1	590.8	663.6	-	586.4	663.6	22.0	586.4	626.1	-	579.8	661.4	229.7
242.8	-	546.7	608.5	-	542.3	610.7	-	542.3	593.0	-	537.9	610.7	242.8
255.9	-	509.3	557.8	-	502.7	562.2	-	504.9	560.0	-	498.2	564.4	255.9
269.0	-	474.0	511.5	-	469.6	515.9	-	469.6	522.5	-	463.0	522.5	269.0
282.2	-	443.1	467.4	-	438.7	474.0	-	438.7	482.8	-	432.1	482.8	282.2
295.3	-	414.5	429.9	-	410.1	434.3	-	410.1	445.3	-	403.4	445.3	295.3
308.4	-	385.8	403.4	-	383.6	396.8	-	383.6	410.1	-	377.0	412.3	308.4
321.5	-	348.3	368.2	-	359.4	374.8	-	359.4	374.8	-	352.7	379.2	321.5
334.6	-	310.9	332.9	-	326.3	343.9	-	337.3	350.5	-	330.7	348.3	334.6
347.8	-	-	-	-	293.2	313.1	-	310.9	328.5	-	310.9	324.1	347.8
360.9	-	-	-	-	-	-	-	280.0	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

Operation

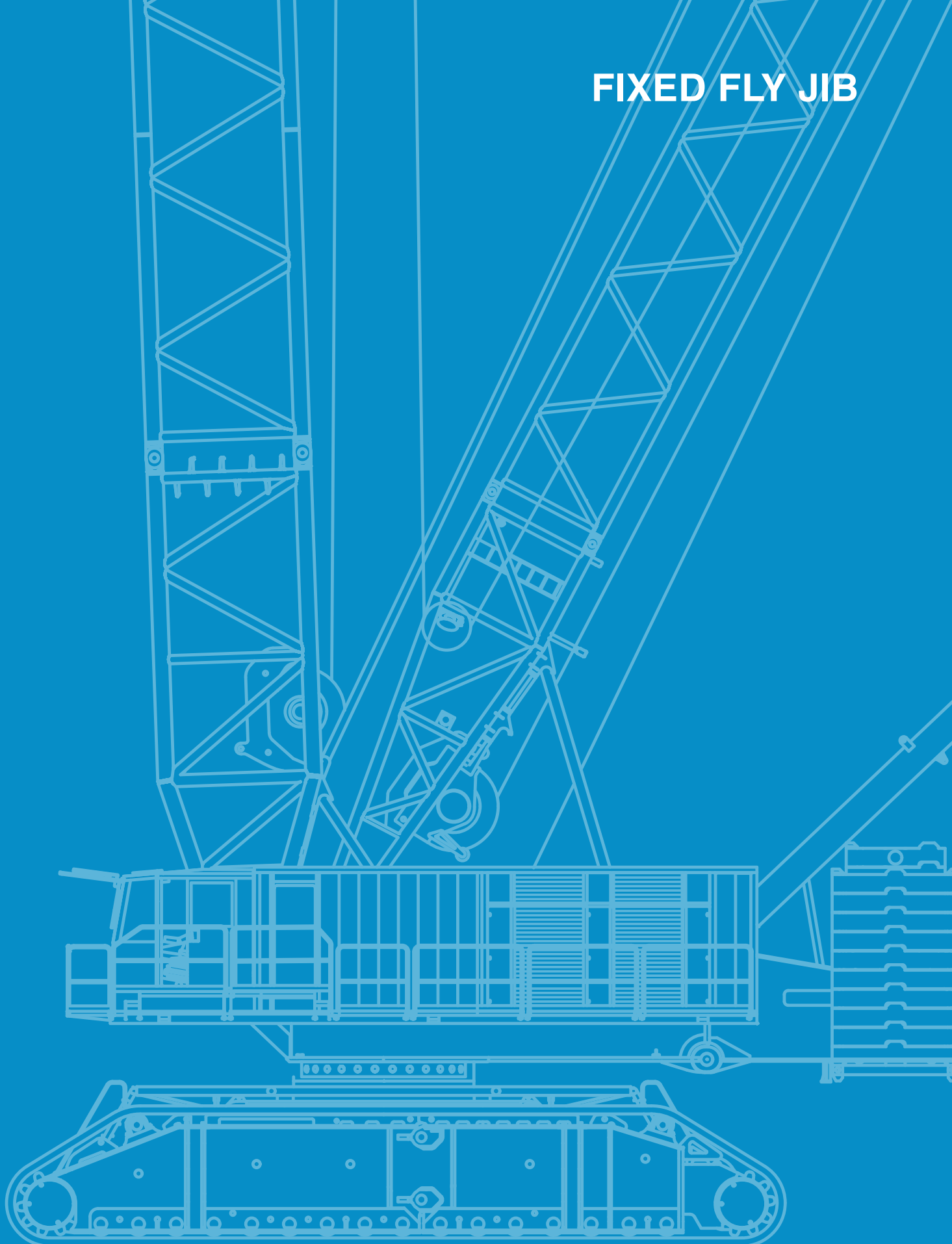
SSL/LSL

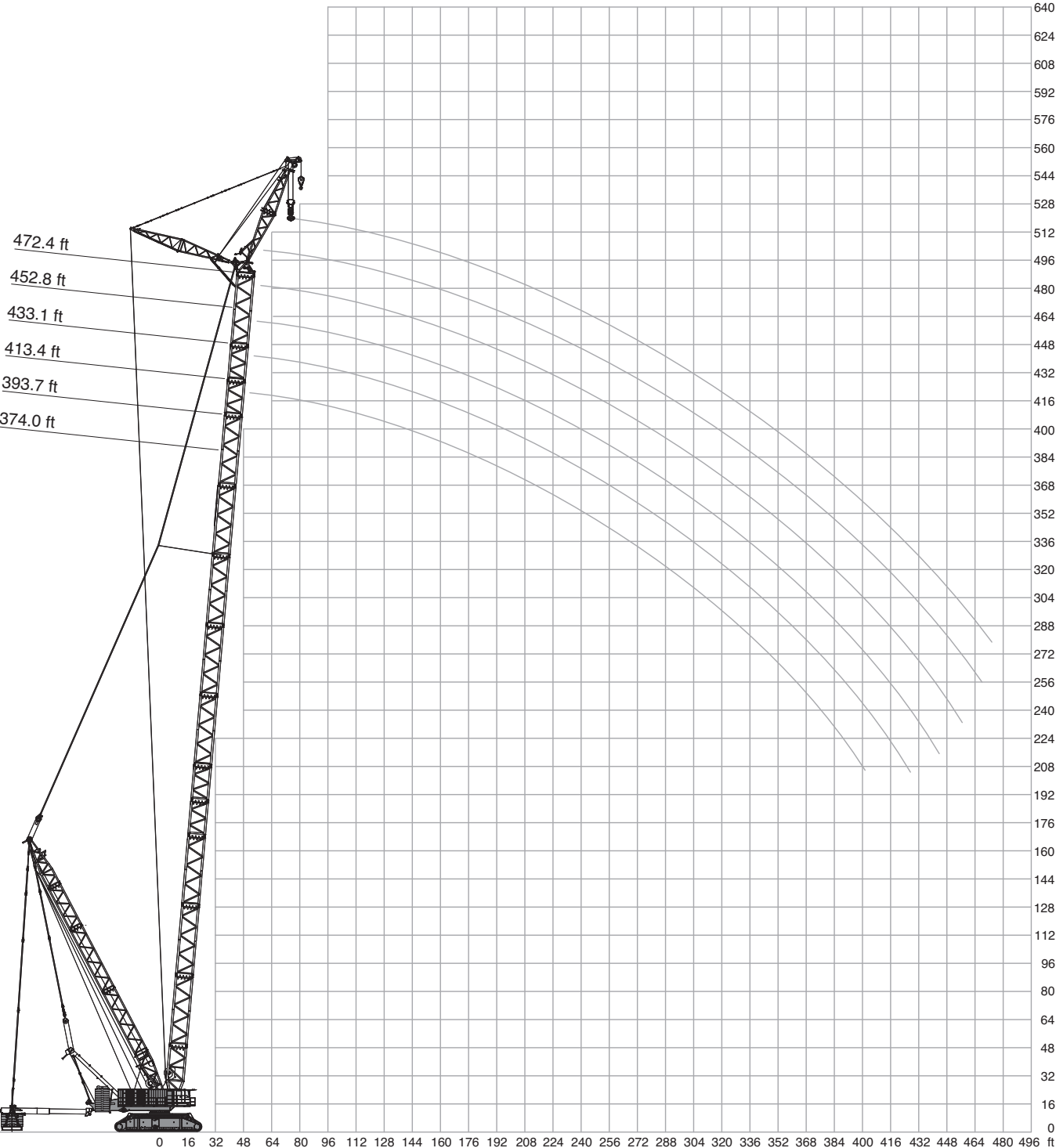
 650,500 lb +  132,300 lb  62.3-98.4 ft  34.5 ft  32.2 ft/s 360° ASME B30.5													
  452.8 ft  472.4 ft  492.1 ft  511.8 ft 													
  0 lb  0-1411 klb  1764 klb  0 lb  0-1411 klb  1764 klb  0 lb  0-1411 klb  1764 klb  0 lb  0-1411 klb 1764 klb													
ft	1,000 lb												ft
59.1	568.8	817.9	817.9	549.0	731.9	731.9	535.7	659.2	659.2	515.9	590.8	590.8	59.1
65.6	507.1	817.9	817.9	489.4	731.9	731.9	478.4	659.2	659.2	460.8	590.8	590.8	65.6
72.2	456.4	817.9	817.9	438.7	731.9	731.9	429.9	659.2	659.2	414.5	590.8	590.8	72.2
78.7	410.1	817.9	817.9	394.6	731.9	731.9	385.8	659.2	659.2	372.6	590.8	590.8	78.7
85.3	370.4	817.9	817.9	354.9	731.9	731.9	348.3	659.2	659.2	335.1	590.8	590.8	85.3
91.9	335.1	817.9	817.9	321.9	731.9	731.9	315.3	659.2	659.2	304.2	590.8	590.8	91.9
98.4	304.2	817.9	817.9	291.0	731.9	731.9	286.6	659.2	659.2	275.6	590.8	590.8	98.4
111.5	251.3	809.1	809.1	240.3	725.3	725.3	235.9	657.0	657.0	224.9	586.4	586.4	111.5
124.7	208.3	795.9	795.9	197.3	714.3	714.3	194.0	650.4	650.4	185.2	579.8	579.8	124.7
137.8	172.0	784.8	784.8	162.0	705.5	705.5	159.8	643.8	643.8	151.0	573.2	573.2	137.8
150.9	141.1	773.8	773.8	131.2	696.7	696.7	130.1	637.1	637.1	122.4	566.6	566.6	150.9
164.0	114.6	760.6	760.6	106.3	687.8	687.8	105.2	632.7	632.7	97.4	560.0	560.0	164.0
177.2	90.6	743.0	749.6	84.0	679.0	679.0	83.1	626.1	626.1	75.8	553.4	553.4	177.2
190.3	66.8	725.3	736.3	64.4	659.2	668.0	63.7	617.3	617.3	56.7	546.7	546.7	190.3
203.4	46.5	681.2	701.1	44.1	634.9	643.8	44.8	584.2	599.7	39.7	540.1	540.1	203.4
216.5	28.9	626.1	670.2	26.5	612.9	619.5	26.9	568.8	579.8	24.7	524.7	524.7	216.5
229.7	-	575.4	641.5	-	573.2	593.0	-	551.2	562.2	-	496.0	509.3	229.7
242.8	-	533.5	604.1	-	529.1	566.6	-	529.1	542.3	-	482.8	493.8	242.8
255.9	-	493.8	560.0	-	491.6	544.5	-	491.6	518.1	-	469.6	478.4	255.9
269.0	-	458.6	518.1	-	456.4	515.9	-	456.4	500.4	-	454.2	463.0	269.0
282.2	-	427.7	480.6	-	423.3	478.4	-	423.3	478.4	-	423.3	443.1	282.2
295.3	-	399.0	445.3	-	394.6	443.1	-	394.6	445.3	-	394.6	429.9	295.3
308.4	-	372.6	412.3	-	368.2	412.3	-	368.2	414.5	-	368.2	407.9	308.4
321.5	-	348.3	381.4	-	346.1	381.4	-	343.9	383.6	-	343.9	379.2	321.5
334.6	-	326.3	350.5	-	324.1	352.7	-	321.9	357.1	-	321.9	352.7	334.6
347.8	-	306.4	324.1	-	302.0	326.3	-	302.0	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	-	266.8	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	-	235.9	246.9	-	233.7	242.5	400.3
413.4	-	-	-	-	205.0	219.4	-	217.2	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

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

FIXED FLY JIB





Operation

SSL/LSL+LF S2

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



0 lb

749,700 lb

970,200 lb

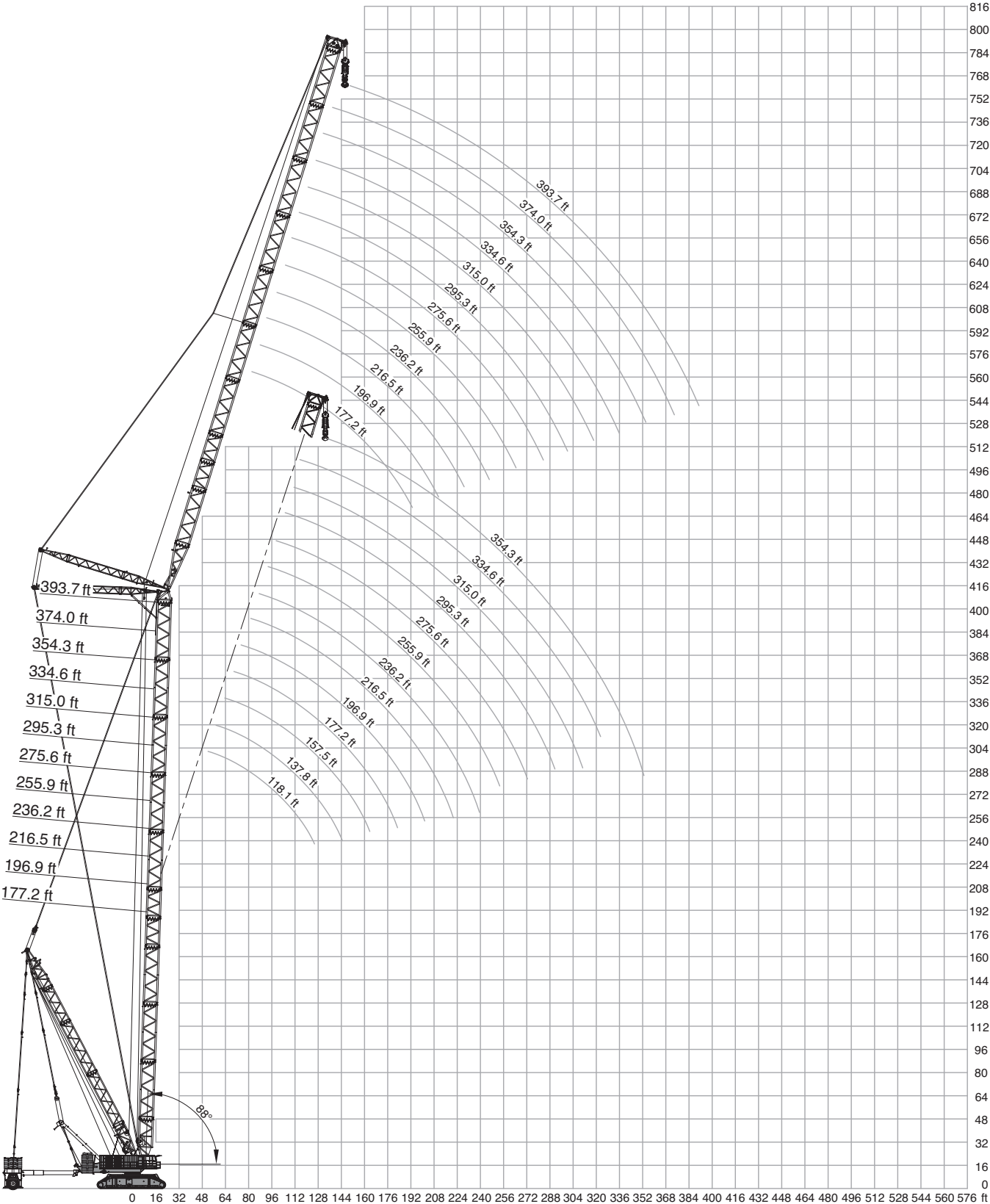
1190,700 lb

1411,000 lb

Notes

LUFFING FLY JIB





SWSL, SFSL

CC 88.1600-1 | 33

Operation

SWSL, SFSL

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									
0 lb 0 lb - 1411,000 lb 15°									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
105.0	388.0*	560.0*	-	-	-	-	-	-	
111.5	363.8*	557.8*	-	-	-	-	-	-	
124.7	319.7*	544.5*	-	-	-	-	-	-	
131.2	302.0*	575.4	-	-	-	-	-	568.8	
137.8	284.4*	573.2	-	-	-	-	-	568.8	
150.9	253.5*	564.4	-	-	-	-	-	568.8	
164.0	227.1*	555.6	-	-	-	-	-	568.8	
177.2	205.0*	544.5	-	-	-	-	-	568.8	
190.3	185.2*	487.2	-	-	-	-	-	564.4	
203.4	165.3*	438.7	560.0	-	-	-	-	546.7	
216.5	147.7*	399.0	504.9	-	-	-	-	529.1	
229.7	131.2*	363.8	456.4	-	-	-	-	498.2	
242.8	116.8*	332.9	412.3	-	-	-	-	467.4	
255.9	104.5*	304.2	374.8	-	-	-	-	440.9	
269.0	93.6*	280.0	341.7	421.1	-	-	-	418.9	
275.6	88.4*	269.0	328.5	401.2	-	-	-	407.9	
282.2	74.2	254.6	313.1	383.6	-	-	-	396.8	
288.7	69.9	240.3	299.8	366.0	-	-	-	386.9	
295.3	-	-	288.8	350.5	-	-	-	377.0	
308.4	-	-	266.8	319.7	-	-	-	357.1	
315.0	-	-	255.7	306.4	-	-	-	343.9	
321.5	-	-	-	295.4	-	-	-	330.7	
328.1	-	-	-	282.2	315.3	-	-	315.3	
334.6	-	-	-	271.2	306.4	-	-	299.8	
347.8	-	-	-	251.3	288.8	-	-	271.2	
360.9	-	-	-	-	273.4	-	-	253.5	
374.0	-	-	-	-	251.3	-	-	231.5	
380.6	-	-	-	-	-	220.5	-	218.3	
387.1	-	-	-	-	-	215.0	-	205.0	
400.3	-	-	-	-	-	203.9	-	179.7	
413.4	-	-	-	-	-	-	-	154.3	
118.1	319.7*	443.1*	-	-	-	-	-	-	
124.7	299.8*	440.9*	-	-	-	-	-	-	
137.8	264.6*	434.3*	-	-	-	-	-	-	
144.4	249.1*	447.5	-	-	-	-	-	447.5	
150.9	235.9*	447.5	-	-	-	-	-	447.5	
164.0	210.5*	440.9	-	-	-	-	-	447.5	
177.2	188.5*	436.5	-	-	-	-	-	443.1	
190.3	168.7*	432.1	-	-	-	-	-	440.9	
203.4	152.1*	425.5	-	-	-	-	-	438.7	
216.5	136.7*	394.6	-	-	-	-	-	429.9	
223.1	130.1*	377.0	425.5	-	-	-	-	426.6	
229.7	123.5*	359.4	425.5	-	-	-	-	423.3	
242.8	110.0*	326.3	407.9	-	-	-	-	414.5	
255.9	97.0*	299.8	370.4	-	-	-	-	405.7	
269.0	85.6*	274.5	337.3	-	-	-	-	381.4	
282.2	75.5*	252.4	308.6	-	-	-	-	361.6	
295.3	66.5*	232.6	282.2	343.9	-	-	-	341.7	
308.4	58.4*	215.0	260.1	315.3	-	-	-	324.1	
315.0	54.7*	207.2	249.1	302.0	-	-	-	315.3	
321.5	-	-	240.3	288.8	-	-	-	306.4	
334.6	-	-	220.5	264.6	-	-	-	293.2	
347.8	-	-	205.0	244.7	-	-	-	277.8	
354.3	-	-	197.3	233.7	-	-	-	269.0	
360.9	-	-	-	224.9	262.4	-	-	260.1	
374.0	-	-	-	208.3	244.7	-	-	235.9	
387.1	-	-	-	192.9	227.1	-	-	220.5	
400.3	-	-	-	-	210.5	-	-	201.7	
413.4	-	-	-	-	194.0	179.7	-	178.6	
426.5	-	-	-	-	-	169.8	-	156.5	
433.1	-	-	-	-	-	165.3	-	146.1	
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

Operation

SWSL, SFSL

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									
0 lb 0 lb - 1411,000 lb SFSL									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	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	-	-	-	-	-	341.7	-
164.0	194.0*	339.5	-	-	-	-	-	339.5	-
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	-
492.1	-	-	-	-	-	-	-	76.7	-

ft	0 lb	220,500 lb	396,900 lb	529,200 lb	749,700 lb	970,200 lb	1190,700 lb	1411,000 lb
59.1	857.6*	1263.2*	-	-	-	-	-	-
65.6	776.0*	1243.4*	-	-	-	-	-	-
72.2	707.7*	1201.5*	-	-	-	-	-	-
78.7	650.4*	1322.8	-	-	-	-	-	1287.5
85.3	599.7*	1294.1	-	-	-	-	-	1287.5
91.9	557.8*	1265.5	-	-	-	-	-	1287.5
98.4	520.3*	1225.8	-	-	-	-	-	1287.5
111.5	449.7*	1011.9	-	-	-	-	-	1287.5
124.7	385.8*	857.6	-	-	-	-	-	1256.6
128.0	371.5*	826.7	1252.2	-	-	-	-	1239.0
131.2	357.1*	795.9	1245.6	-	-	-	-	1221.4
137.8	317.5	743.0	1131.0	-	-	-	-	1161.8
150.9	-	-	945.8	-	-	-	-	1042.8
164.0	-	-	809.1	-	-	-	-	939.2
170.6	-	-	751.8	-	-	-	-	895.1
177.2	-	-	-	859.8	-	-	-	851.0
190.3	-	-	-	793.7	-	-	-	776.0
203.4	-	-	-	736.3	-	-	-	709.9
206.7	-	-	-	723.1	-	-	-	691.7
216.5	-	-	-	-	-	-	-	637.1
219.8	-	-	-	-	621.7	-	-	619.5
229.7	-	-	-	-	588.6	-	-	566.6
236.2	-	-	-	-	568.8	-	-	534.6
242.8	-	-	-	-	-	-	-	502.7
255.9	-	-	-	-	-	445.3	-	445.3
262.5	-	-	-	-	-	432.1	-	422.2
269.0	-	-	-	-	-	-	-	405.7
282.2	-	-	-	-	-	-	-	363.8

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

Operation

SWSL, SFSL

 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° 15°									
ft	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	357.7	-
295.3	-	-	-	-	-	-	354.9	350.5	-
301.8	-	-	-	-	-	-	346.1	338.4	-
308.4	-	-	-	-	-	-	-	326.3	-
321.5	-	-	-	-	-	-	-	284.4	-

SWSL SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
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	-	-	-	-	765.0	-
190.3	202.8*	524.7	696.7	-	-	-	-	736.3	-
203.4	183.0*	476.2	621.7	-	-	-	-	707.7	-
216.5	154.3	401.2	557.8	-	-	-	-	665.8	-
226.4	-	-	517.0	630.5	-	-	-	626.1	-
229.7	-	-	504.9	621.7	-	-	-	612.9	-
242.8	-	-	458.6	582.0	-	-	-	566.6	-
249.3	-	-	438.7	555.6	-	-	-	546.7	-
255.9	-	-	-	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

Operation

SWSL, SFSL

 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									
  0 lb  SWSL  SFSL  0 lb - 1411,000 lb									
  88°/85°  88°/85°  75°  65°  55°  45°  15°									
ft	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	-

 196.9 ft +  275.6 ft									
  0 lb  SWSL  SFSL  0 lb - 1411,000 lb									
  88°/85°  88°/85°  75°  65°  55°  45°  15°									
ft	1,000 lb								
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							
196.9 ft + 315.0 ft							
SWSL							SFSL
0 lb		0 lb - 1411,000 lb					
ft	88°/85°	88°/85°	75°	65°	55°	45°	15°
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

34.5 ft 32.2 ft/s 360° ASME B30.5							
196.9 ft + 354.3 ft							
SWSL							SFSL
0 lb		0 lb - 1411,000 lb					
ft	88°/85°	88°/85°	75°	65°	55°	45°	15°
1,000 lb							
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	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

Operation

SWSL, SFSL

 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					 15°	0 lb		0 lb - 1411,000 lb					 15°
 88°/85°	 88°/85°	75°	65°	55°	45°	 88°/85°		 88°/85°	75°	65°	55°	45°			
ft								ft							
1,000 lb								1,000 lb							
59.1	828.9*	1181.7*	-	-	-	-	-	72.2	643.8*	934.8*	-	-	-	-	
65.6	751.8*	1164.0*	-	-	-	-	-	78.7	593.0*	923.7*	-	-	-	-	
72.2	685.6*	1126.6*	-	-	-	-	-	85.3	546.7*	899.5*	-	-	-	-	
78.7	630.5*	1239.0	-	-	-	-	1203.7	91.9	509.3*	981.1	-	-	-	954.6	
85.3	584.2*	1214.7	-	-	-	-	1203.7	98.4	474.0*	972.2	-	-	-	954.6	
91.9	542.3*	1188.3	-	-	-	-	1203.7	111.5	416.7*	941.4	-	-	-	954.6	
98.4	504.9*	1164.0	-	-	-	-	1203.7	124.7	368.2*	908.3	-	-	-	954.6	
111.5	443.1*	1034.0	-	-	-	-	1203.7	137.8	326.3*	811.3	-	-	-	954.6	
124.7	383.6*	873.0	-	-	-	-	1186.1	150.9	286.6*	707.7	-	-	-	930.4	
131.2	354.9*	809.1	-	-	-	-	1161.8	154.2	277.8*	686.7	972.2	-	-	918.2	
134.5	325.2	781.5	1183.9	-	-	-	1146.4	164.0	253.5*	628.3	919.3	-	-	884.1	
137.8	313.1	754.0	1168.5	-	-	-	1131.0	177.2	210.5	562.2	793.7	-	-	844.4	
150.9	-	-	1007.5	-	-	-	1031.8	190.3	-	-	696.7	-	-	769.4	
164.0	-	-	855.4	-	-	-	928.1	203.4	-	-	617.3	-	-	703.3	
177.2	-	-	738.5	-	-	-	840.0	210.0	-	-	584.2	679.0	-	674.6	
183.7	-	-	-	806.9	-	-	801.4	216.5	-	-	553.4	654.8	-	646.0	
190.3	-	-	-	776.0	-	-	762.8	229.7	-	-	-	612.9	-	593.0	
203.4	-	-	-	718.7	-	-	696.7	242.8	-	-	-	575.4	-	546.7	
216.5	-	-	-	670.2	-	-	639.3	252.6	-	-	-	549.0	-	517.0	
229.7	-	-	-	-	-	-	588.6	255.9	-	-	-	-	-	507.1	
232.9	-	-	-	-	582.0	-	574.3	262.5	-	-	-	489.4	-	483.9	
242.8	-	-	-	-	555.6	-	531.3	269.0	-	-	-	474.0	-	460.8	
249.3	-	-	-	-	537.9	-	502.7	282.2	-	-	-	445.3	-	412.3	
255.9	-	-	-	-	-	-	474.0	285.4	-	-	-	440.9	-	401.2	
269.0	-	-	-	-	-	-	418.9	295.3	-	-	-	-	-	368.2	
282.2	-	-	-	-	-	-	368.2	305.1	-	-	-	-	339.5	336.8	
295.3	-	-	-	-	-	-	337.3	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

Operation

SWSL, SFSL

 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									
  0 lb  SWSL  SFSL  0 lb - 1411,000 lb									
  88°/85°  88°/85°  75°  65°  55°  45°  15°									
ft	1,000 lb								
85.3	515.9*	758.4*	-	-	-	-	-	-	-
91.9	480.6*	743.0*	-	-	-	-	-	-	-
98.4	447.5*	729.7*	-	-	-	-	-	-	-
105.0	418.9*	787.1	-	-	-	-	-	769.4	-
111.5	392.4*	782.6	-	-	-	-	-	769.4	-
124.7	348.3*	762.8	-	-	-	-	-	769.4	-
137.8	310.9*	743.0	-	-	-	-	-	769.4	-
150.9	280.0*	723.1	-	-	-	-	-	769.4	-
164.0	251.3*	659.2	-	-	-	-	-	760.6	-
177.2	224.9*	588.6	809.1	-	-	-	-	734.1	-
190.3	201.7*	529.1	731.9	-	-	-	-	701.1	-
203.4	180.8*	480.6	648.2	-	-	-	-	674.6	-
216.5	151.0	414.5	579.8	-	-	-	-	648.2	-
229.7	-	-	522.5	-	-	-	-	604.1	-
236.2	-	-	498.2	586.4	-	-	-	580.9	-
242.8	-	-	474.0	566.6	-	-	-	557.8	-
255.9	-	-	434.3	533.5	-	-	-	515.9	-
269.0	-	-	-	502.7	-	-	-	478.4	-
282.2	-	-	-	463.0	-	-	-	445.3	-
288.7	-	-	-	443.1	-	-	-	426.6	-
292.0	-	-	-	-	421.1	-	-	417.2	-
295.3	-	-	-	-	414.5	-	-	407.9	-
308.4	-	-	-	-	390.2	-	-	368.2	-
321.5	-	-	-	-	370.4	-	-	330.7	-
334.6	-	-	-	-	-	-	-	295.4	-
337.9	-	-	-	-	-	-	-	286.6	287.2
347.8	-	-	-	-	-	-	-	275.6	262.4
351.1	-	-	-	-	-	-	-	273.4	254.1
360.9	-	-	-	-	-	-	-	-	240.3
374.0	-	-	-	-	-	-	-	-	217.2

 216.5 ft +  236.2 ft									
  0 lb  SWSL  SFSL  0 lb - 1411,000 lb									
  88°/85°  88°/85°  75°  65°  55°  45°  15°									
ft	1,000 lb								
98.4	421.1*	610.7*	-	-	-	-	-	-	-
111.5	370.4*	593.0*	-	-	-	-	-	-	-
118.1	346.1*	634.9	-	-	-	-	-	621.7	-
124.7	326.3*	632.7	-	-	-	-	-	621.7	-
137.8	291.0*	621.7	-	-	-	-	-	621.7	-
150.9	260.1*	608.5	-	-	-	-	-	621.7	-
164.0	235.9*	595.2	-	-	-	-	-	621.7	-
177.2	213.8*	582.0	-	-	-	-	-	621.7	-
190.3	194.0*	537.9	-	-	-	-	-	604.1	-
196.9	185.2*	511.5	650.4	-	-	-	-	593.0	-
203.4	175.3*	485.0	646.0	-	-	-	-	584.2	-
216.5	157.6*	440.9	588.6	-	-	-	-	566.6	-
229.7	142.2*	403.4	529.1	-	-	-	-	546.7	-
242.8	129.0*	357.1	478.4	-	-	-	-	529.1	-
255.9	103.6	306.4	436.5	-	-	-	-	511.5	-
262.5	-	-	416.7	507.1	-	-	-	497.1	-
269.0	-	-	399.0	491.6	-	-	-	482.8	-
282.2	-	-	366.0	463.0	-	-	-	447.5	-
288.7	-	-	350.5	445.3	-	-	-	432.1	-
295.3	-	-	-	425.5	-	-	-	416.7	-
308.4	-	-	-	390.2	-	-	-	388.0	-
321.5	-	-	-	357.1	357.1	-	-	357.1	-
328.1	-	-	-	343.9	348.3	-	-	339.5	-
334.6	-	-	-	-	337.3	-	-	321.9	-
347.8	-	-	-	-	319.7	-	-	291.0	-
360.9	-	-	-	-	304.2	-	-	260.1	-
374.0	-	-	-	-	-	-	235.9	231.5	-
387.1	-	-	-	-	-	-	222.7	209.4	-
390.4	-	-	-	-	-	-	220.5	205.6	-
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
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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

Operation

SWSL, SFSL

 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						 0 lb		 0 lb	
		88°/85°	88°/85°	75°	65°	55°	45° 	15°			88°/85°	88°/85°	75°	65°	55°	45° 	15°		
ft		1,000 lb																	
105.0	366.0*	493.8*	-	-	-	-	-	-	118.1	299.8*	399.0*	-	-	-	-	-	-		
111.5	341.7*	493.8*	-	-	-	-	-	-	124.7	280.0*	396.8*	-	-	-	-	-	-		
124.7	302.0*	480.6*	-	-	-	-	-	-	137.8	249.1*	388.0*	-	-	-	-	-	-		
131.2	284.4*	511.5	-	-	-	-	-	502.7	144.4	233.7*	407.9	-	-	-	-	-	403.4		
137.8	266.8*	511.5	-	-	-	-	-	502.7	150.9	220.5*	407.9	-	-	-	-	-	403.4		
150.9	238.1*	502.7	-	-	-	-	-	502.7	164.0	197.3*	403.4	-	-	-	-	-	403.4		
164.0	213.8*	496.0	-	-	-	-	-	502.7	177.2	176.4*	396.8	-	-	-	-	-	403.4		
177.2	192.9*	487.2	-	-	-	-	-	502.7	190.3	157.6*	392.4	-	-	-	-	-	403.4		
190.3	174.2*	478.4	-	-	-	-	-	502.7	203.4	142.2*	385.8	-	-	-	-	-	403.4		
203.4	156.5*	469.6	-	-	-	-	-	493.8	216.5	127.9*	381.4	-	-	-	-	-	401.2		
216.5	142.2*	427.7	511.5	-	-	-	-	482.8	229.7	114.6*	374.8	-	-	-	-	-	392.4		
229.7	127.9*	390.2	511.5	-	-	-	-	471.8	236.2	108.9*	368.2	392.4	-	-	-	-	389.1		
242.8	113.5*	354.9	465.2	-	-	-	-	460.8	242.8	103.2*	350.5	392.4	-	-	-	-	385.8		
255.9	101.6*	326.3	421.1	-	-	-	-	447.5	255.9	92.4*	321.9	392.4	-	-	-	-	379.2		
269.0	90.9*	297.6	383.6	-	-	-	-	436.5	269.0	82.8*	295.4	381.4	-	-	-	-	372.6		
275.6	85.8*	282.2	368.2	-	-	-	-	431.0	282.2	73.2*	271.2	346.1	-	-	-	-	366.0		
282.2	68.5	264.6	352.7	-	-	-	-	425.5	295.3	64.0*	250.2	317.5	-	-	-	-	357.1		
288.7	64.2	246.9	337.3	429.9	-	-	-	417.8	308.4	56.0*	228.7	291.0	-	-	-	-	350.5		
295.3	-	-	321.9	412.3	-	-	-	410.1	315.0	52.2*	217.2	280.0	350.5	-	-	-	346.1		
308.4	-	-	297.6	374.8	-	-	-	381.4	321.5	37.4	202.8	269.0	339.5	-	-	-	341.7		
321.5	-	-	273.4	343.9	-	-	-	354.9	328.1	34.2	188.5	257.9	324.1	-	-	-	336.2		
328.1	-	-	262.4	328.5	-	-	-	342.8	334.6	-	-	246.9	310.9	-	-	-	330.7		
334.6	-	-	-	315.3	-	-	-	330.7	347.8	-	-	229.3	286.6	-	-	-	308.6		
347.8	-	-	-	291.0	-	-	-	302.0	360.9	-	-	212.7	262.4	-	-	-	288.8		
354.3	-	-	-	280.0	291.0	-	-	287.7	367.5	-	-	203.9	253.5	-	-	-	275.6		
360.9	-	-	-	269.0	282.2	-	-	273.4	374.0	-	-	-	242.5	-	-	-	262.4		
374.0	-	-	-	-	266.8	-	-	244.7	387.1	-	-	-	224.9	242.5	-	-	235.9		
387.1	-	-	-	-	253.5	-	-	220.5	400.3	-	-	-	208.3	229.3	-	-	213.8		
393.7	-	-	-	-	246.9	-	-	207.8	413.4	-	-	-	-	217.2	-	-	190.7		
400.3	-	-	-	-	-	-	-	195.1	426.5	-	-	-	-	206.1	-	-	168.7		
406.8	-	-	-	-	-	-	185.2	183.0	433.1	-	-	-	-	201.7	-	-	158.2		
413.4	-	-	-	-	-	-	179.7	173.1	439.6	-	-	-	-	-	-	-	147.7		
426.5	-	-	-	-	-	-	169.8	159.8	446.2	-	-	-	-	-	-	144.4	141.6		
439.6	-	-	-	-	-	-	-	141.1	452.8	-	-	-	-	-	-	141.1	135.6		
452.8	-	-	-	-	-	-	-	119.0	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
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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

Operation

SWSL, SFSL

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	SWSL							SFSL
 0 lb	0 lb - 1411,000 lb							 0 lb	0 lb - 1411,000 lb						
 88°/85°	 88°/85°	75°	65°	55°	45°	 15°		 88°/85°	 88°/85°	75°	65°	55°	45°	 15°	
ft	1,000 lb							ft	1,000 lb						
131.2	244.7*	310.9*	-	-	-	-	-	65.6	725.3*	1067.0*	-	-	-	-	-
137.8	229.3*	308.6*	-	-	-	-	-	72.2	663.6*	1034.0*	-	-	-	-	-
150.9	203.9*	304.2*	-	-	-	-	-	78.7	610.7*	1126.6	-	-	-	-	1097.9
157.5	191.8*	313.1	-	-	-	-	313.1	85.3	566.6*	1113.3	-	-	-	-	1097.9
164.0	180.8*	313.1	-	-	-	-	313.1	91.9	526.9*	1089.1	-	-	-	-	1097.9
177.2	160.9*	308.6	-	-	-	-	313.1	98.4	491.6*	1067.0	-	-	-	-	1097.9
190.3	143.3*	306.4	-	-	-	-	310.9	111.5	432.1*	1020.7	-	-	-	-	1097.9
203.4	126.8*	302.0	-	-	-	-	308.6	124.7	381.4*	890.7	-	-	-	-	1097.9
216.5	113.5*	297.6	-	-	-	-	304.2	131.2	352.7*	822.3	-	-	-	-	1080.3
229.7	101.0*	295.4	-	-	-	-	302.0	137.8	308.6	765.0	1106.7	-	-	-	1058.2
242.8	89.5*	291.0	-	-	-	-	297.6	144.4	288.8	714.3	1095.7	-	-	-	1027.4
255.9	79.1*	288.8	288.8	-	-	-	293.2	150.9	-	-	1045.0	-	-	-	1003.1
269.0	69.8*	280.0	288.8	-	-	-	288.8	164.0	-	-	906.1	-	-	-	919.3
282.2	61.1*	262.4	288.8	-	-	-	284.4	177.2	-	-	778.2	-	-	-	828.9
295.3	52.9*	240.3	286.6	-	-	-	277.8	183.7	-	-	725.3	-	-	-	791.5
308.4	45.1*	221.0	282.2	-	-	-	273.4	190.3	-	-	-	-	-	-	754.0
321.5	37.7*	204.5	257.9	-	-	-	269.0	193.6	-	-	743.0	-	-	-	736.9
328.1	34.3*	196.2	246.9	-	-	-	266.8	203.4	-	-	701.1	-	-	-	685.6
334.6	31.0*	188.5	238.1	-	-	-	264.6	216.5	-	-	654.8	-	-	-	628.3
341.2	27.8*	180.8	227.1	251.3	-	-	262.4	223.1	-	-	632.7	-	-	-	603.0
347.8	25.0*	170.9	219.4	251.3	-	-	260.1	229.7	-	-	-	-	-	-	577.6
354.3	22.3*	160.9	210.5	251.3	-	-	256.8	242.8	-	-	-	535.7	-	-	531.3
360.9	-	149.9	202.8	251.3	-	-	253.5	255.9	-	-	-	504.9	-	-	491.6
367.5	-	138.9	194.0	242.5	-	-	251.3	259.2	-	-	-	498.2	-	-	479.0
374.0	-	-	186.3	231.5	-	-	249.1	269.0	-	-	-	-	-	-	440.9
387.1	-	-	173.1	215.0	-	-	242.5	282.2	-	-	-	-	-	-	392.4
400.3	-	-	159.8	198.4	-	-	220.5	285.4	-	-	-	-	383.6	-	380.8
413.4	-	-	-	183.0	202.8	-	200.6	292.0	-	-	-	-	372.6	-	357.7
426.5	-	-	-	169.8	190.7	-	179.7	295.3	-	-	-	-	-	-	346.1
439.6	-	-	-	156.5	180.8	-	159.8	308.4	-	-	-	-	-	-	302.0
452.8	-	-	-	-	170.9	-	140.0	321.5	-	-	-	-	-	-	280.0
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								
531.5	-	-	-	-	-	-	49.6								

	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

Operation

SWSL, SFSL

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									
0 lb SWSL SFSL 0 lb - 1411,000 lb									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	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	-

236.2 ft + 196.9 ft									
0 lb SWSL SFSL 0 lb - 1411,000 lb									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
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
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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 + 236.2 ft									
236.2 ft + 275.6 ft									
0 lb 0 lb - 1411,000 lb SFSL									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	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	-
387.1	-	-	-	-	-	-	219.4	217.2	-
400.3	-	-	-	-	-	-	208.3	190.7	-
413.4	-	-	-	-	-	-	-	170.9	-
426.5	-	-	-	-	-	-	-	156.5	-

111.5 330.7* 458.6* 124.7 291.0* 445.3* 137.8 257.9* 476.2 150.9 231.5* 467.4 164.0 207.2* 458.6 177.2 186.3* 451.9 190.3 167.6* 443.1 203.4 152.1* 434.3 216.5 136.7* 425.5 229.7 124.6* 394.6 242.8 112.4* 361.6 255.9 100.3* 330.7 269.0 89.4* 303.1 275.6 84.2* 288.8 282.2 65.5 271.2 288.7 61.3 253.5 295.3 - 335.1 405.7 308.4 - 308.6 383.6 321.5 - 284.4 363.8 334.6 - 260.1 335.1 347.8 - 308.6 360.9 - 284.4 367.5 - 273.4 271.2 374.0 - 262.4 264.6 387.1 - 251.3 400.3 - 238.1 406.8 - 231.5 413.4 - - 165.3 426.5 - - 156.5 439.6 - - 137.8 452.8 - - 126.8 465.9 - - 109.3									
ft	1,000 lb								
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	-

	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

Operation

SWSL, SFSL

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									
0 lb 0 lb - 1411,000 lb SFSL									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
118.1	288.8*	368.2*	-	-	-	-	-	-	-
124.7	271.2*	368.2*	-	-	-	-	-	-	-
137.8	240.3*	361.6*	-	-	-	-	-	-	-
150.9	213.8*	381.4	-	-	-	-	-	374.8	-
164.0	190.7*	374.8	-	-	-	-	-	374.8	-
177.2	169.8*	370.4	-	-	-	-	-	374.8	-
190.3	152.1*	366.0	-	-	-	-	-	374.8	-
203.4	136.7*	359.4	-	-	-	-	-	374.8	-
216.5	122.4*	354.9	-	-	-	-	-	374.8	-
229.7	110.2*	348.3	-	-	-	-	-	368.2	-
236.2	104.3*	346.1	370.4	-	-	-	-	366.0	-
242.8	98.8*	343.9	370.4	-	-	-	-	363.8	-
255.9	88.4*	326.3	370.4	-	-	-	-	357.1	-
269.0	79.0*	299.8	370.4	-	-	-	-	350.5	-
282.2	70.3*	275.6	361.6	-	-	-	-	346.1	-
295.3	62.4*	254.6	330.7	-	-	-	-	337.3	-
308.4	54.9*	232.6	304.2	-	-	-	-	330.7	-
315.0	51.1*	220.5	291.0	-	-	-	-	327.4	-
321.5	34.8	207.2	280.0	330.7	-	-	-	324.1	-
328.1	31.7	194.0	266.8	330.7	-	-	-	320.8	-
334.6	-	-	257.9	330.7	-	-	-	317.5	-
347.8	-	-	238.1	302.0	-	-	-	302.0	-
360.9	-	-	220.5	277.8	-	-	-	280.0	-
367.5	-	-	211.6	266.8	-	-	-	270.1	-
374.0	-	-	-	257.9	-	-	-	260.1	-
387.1	-	-	-	238.1	-	-	-	242.5	-
393.7	-	-	-	229.3	233.7	-	-	231.5	-
400.3	-	-	-	220.5	227.1	-	-	220.5	-
406.8	-	-	-	211.6	220.5	-	-	208.9	-
413.4	-	-	-	-	215.0	-	-	197.3	-
426.5	-	-	-	-	203.9	-	-	176.4	-
439.6	-	-	-	-	192.9	-	-	155.4	-
446.2	-	-	-	-	188.5	-	-	145.5	-
452.8	-	-	-	-	-	-	-	135.6	-
459.3	-	-	-	-	-	-	131.2	125.7	-
465.9	-	-	-	-	-	-	127.9	115.7	-
479.0	-	-	-	-	-	-	120.2	105.6	-
492.1	-	-	-	-	-	-	-	93.3	-
505.3	-	-	-	-	-	-	-	74.7	-
131.2	235.9*	293.2*	-	-	-	-	-	-	-
137.8	222.7*	291.0*	-	-	-	-	-	-	-
150.9	196.2*	286.6*	-	-	-	-	-	-	-
164.0	174.2*	295.4	-	-	-	-	-	293.2	-
177.2	154.3*	291.0	-	-	-	-	-	293.2	-
190.3	137.8*	288.8	-	-	-	-	-	293.2	-
203.4	122.4*	284.4	-	-	-	-	-	291.0	-
216.5	108.7*	280.0	-	-	-	-	-	288.8	-
229.7	96.3*	275.6	-	-	-	-	-	284.4	-
242.8	85.1*	271.2	-	-	-	-	-	282.2	-
255.9	75.0*	266.8	273.4	-	-	-	-	275.6	-
269.0	65.9*	262.4	273.4	-	-	-	-	271.2	-
282.2	57.4*	256.8	273.4	-	-	-	-	266.8	-
295.3	49.6*	243.6	273.4	-	-	-	-	262.4	-
308.4	42.4*	224.9	273.4	-	-	-	-	257.9	-
315.0	39.1*	216.1	273.4	-	-	-	-	255.7	-
321.5	35.8*	207.8	269.0	-	-	-	-	253.5	-
334.6	29.7*	191.8	246.9	-	-	-	-	249.1	-
341.2	26.7*	184.1	235.9	-	-	-	-	245.8	-
347.8	-	174.2	227.1	240.3	-	-	-	242.5	-
354.3	-	164.2	218.3	240.3	-	-	-	240.3	-
360.9	-	153.2	209.4	240.3	-	-	-	238.1	-
367.5	-	142.2	201.7	240.3	-	-	-	235.9	-
374.0	-	-	194.0	240.3	-	-	-	233.7	-
387.1	-	-	178.6	227.1	-	-	-	229.3	-
400.3	-	-	165.3	209.4	-	-	-	222.7	-
406.8	-	-	158.7	201.7	-	-	-	213.8	-
413.4	-	-	-	194.0	-	-	-	205.0	-
426.5	-	-	-	178.6	188.5	-	-	184.1	-
439.6	-	-	-	165.3	177.5	-	-	165.3	-
446.2	-	-	-	159.8	173.1	-	-	155.4	-
452.8	-	-	-	-	167.6	-	-	145.5	-
465.9	-	-	-	-	158.7	-	-	127.9	-
479.0	-	-	-	-	151.0	-	-	110.2	-
485.6	-	-	-	-	146.6	-	-	102.0	-
492.1	-	-	-	-	-	97.9	-	94.8	-
511.8	-	-	-	-	-	89.9	-	80.4	-
518.4	-	-	-	-	-	-	-	73.9	-
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

Operation

SWSL, SFSL

 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									
SWSL SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
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	-

 255.9 ft +  157.5 ft									
SWSL SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
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	-	-	-	-	-	-	288.8	282.2	-
341.2	-	-	-	-	-	-	280.0	265.7	-
347.8	-	-	-	-	-	-	-	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

Operation

SWSL, SFSL

 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									
  0 lb SWSL  SFSL   0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	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	-
360.9	-	-	-	-	-	-	-	255.7	-
367.5	-	-	-	-	-	-	-	244.7	241.4
374.0	-	-	-	-	-	-	-	238.1	227.1
380.6	-	-	-	-	-	-	-	231.5	212.7
387.1	-	-	-	-	-	-	-	-	198.4
400.3	-	-	-	-	-	-	-	-	173.1
413.4	-	-	-	-	-	-	-	-	159.8

 255.9 ft +  236.2 ft									
  0 lb SWSL  SFSL   0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
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
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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									
255.9 ft + 275.6 ft									
SWSL SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
111.5	319.7*	429.9*	-	-	-	-	-	-	-
124.7	282.2*	418.9*	-	-	-	-	-	-	-
137.8	251.3*	445.3	-	-	-	-	-	436.5	-
150.9	222.7*	438.7	-	-	-	-	-	436.5	-
164.0	200.6*	429.9	-	-	-	-	-	436.5	-
177.2	179.7*	423.3	-	-	-	-	-	436.5	-
190.3	162.0*	414.5	-	-	-	-	-	436.5	-
203.4	146.6*	405.7	-	-	-	-	-	434.3	-
216.5	132.3*	396.8	-	-	-	-	-	427.7	-
223.1	125.7*	394.6	445.3	-	-	-	-	423.3	-
229.7	119.0*	390.2	445.3	-	-	-	-	418.9	-
242.8	108.2*	370.4	445.3	-	-	-	-	412.3	-
255.9	98.1*	339.5	445.3	-	-	-	-	403.4	-
269.0	88.0*	307.5	418.9	-	-	-	-	392.4	-
275.6	82.9*	288.8	401.2	-	-	-	-	388.0	-
282.2	62.4	271.2	383.6	-	-	-	-	383.6	-
288.7	58.2	253.5	366.0	-	-	-	-	379.2	-
295.3	-	-	350.5	-	-	-	-	374.8	-
301.8	-	-	337.3	381.4	-	-	-	369.3	-
308.4	-	-	324.1	370.4	-	-	-	363.8	-
321.5	-	-	297.6	350.5	-	-	-	337.3	-
334.6	-	-	269.0	332.9	-	-	-	313.1	-
341.2	-	-	251.3	324.1	-	-	-	302.0	-
347.8	-	-	-	315.3	-	-	-	291.0	-
360.9	-	-	-	299.8	-	-	-	271.2	-
374.0	-	-	-	282.2	253.5	-	-	251.3	-
380.6	-	-	-	271.2	246.9	-	-	241.4	-
387.1	-	-	-	-	242.5	-	-	231.5	-
400.3	-	-	-	-	229.3	-	-	209.4	-
413.4	-	-	-	-	220.5	-	-	186.3	-
419.9	-	-	-	-	216.1	-	-	175.3	-
426.5	-	-	-	-	-	-	-	164.2	-
439.6	-	-	-	-	-	-	149.9	143.3	-
452.8	-	-	-	-	-	-	142.2	122.4	-
465.9	-	-	-	-	-	-	-	107.6	-
479.0	-	-	-	-	-	-	-	97.7	-

255.9 ft + 315.0 ft									
SWSL SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
118.1	280.0*	346.1*	-	-	-	-	-	-	-
124.7	262.4*	346.1*	-	-	-	-	-	-	-
137.8	231.5*	337.3*	-	-	-	-	-	-	-
150.9	206.1*	357.1	-	-	-	-	-	350.5	-
164.0	184.1*	352.7	-	-	-	-	-	350.5	-
177.2	164.2*	348.3	-	-	-	-	-	350.5	-
190.3	146.6*	343.9	-	-	-	-	-	350.5	-
203.4	131.2*	337.3	-	-	-	-	-	350.5	-
216.5	117.9*	332.9	-	-	-	-	-	350.5	-
229.7	105.4*	326.3	-	-	-	-	-	348.3	-
242.8	94.4*	321.9	348.3	-	-	-	-	341.7	-
255.9	84.2*	315.3	348.3	-	-	-	-	337.3	-
269.0	75.0*	304.2	348.3	-	-	-	-	332.9	-
282.2	66.6*	285.5	348.3	-	-	-	-	326.3	-
295.3	58.9*	261.2	348.3	-	-	-	-	321.9	-
308.4	51.7*	234.8	319.7	-	-	-	-	313.1	-
315.0	48.3*	220.5	306.4	-	-	-	-	309.7	-
321.5	30.8	206.7	295.4	-	-	-	-	306.4	-
328.1	27.8	192.9	282.2	310.9	-	-	-	304.2	-
334.6	-	-	271.2	310.9	-	-	-	302.0	-
347.8	-	-	251.3	306.4	-	-	-	293.2	-
360.9	-	-	233.7	288.8	-	-	-	271.2	-
374.0	-	-	208.3	275.6	-	-	-	253.5	-
387.1	-	-	-	255.7	-	-	-	233.7	-
400.3	-	-	-	238.1	-	-	-	218.3	-
406.8	-	-	-	229.3	213.8	-	-	209.4	-
413.4	-	-	-	220.5	208.3	-	-	200.6	-
419.9	-	-	-	212.7	202.8	-	-	190.1	-
426.5	-	-	-	-	198.4	-	-	179.7	-
439.6	-	-	-	-	188.5	-	-	159.8	-
452.8	-	-	-	-	178.6	-	-	140.0	-
459.3	-	-	-	-	174.2	-	-	130.6	-
465.9	-	-	-	-	-	-	-	121.3	-
472.4	-	-	-	-	-	-	116.8	112.5	-
479.0	-	-	-	-	-	-	113.5	103.8	-
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	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

Operation

SWSL, SFSL

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									
0 lb SWSL SFSL 0 lb - 1411,000 lb									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	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

275.6 ft + 118.1 ft									
0 lb SWSL SFSL 0 lb - 1411,000 lb									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
65.6	676.8*	906.1*	-	-	-	-	-	-	-
72.2	621.7*	879.6*	-	-	-	-	-	-	-
78.7	573.2*	851.0*	-	-	-	-	-	-	-
85.3	531.3*	948.0	-	-	-	-	-	923.7	-
91.9	493.8*	928.1	-	-	-	-	-	923.7	-
98.4	463.0*	908.3	-	-	-	-	-	923.7	-
111.5	407.9*	864.2	-	-	-	-	-	923.7	-
124.7	363.8*	824.5	-	-	-	-	-	923.7	-
131.2	343.9*	806.9	-	-	-	-	-	923.7	-
137.8	295.4	789.3	-	-	-	-	-	919.3	-
144.4	277.8	736.3	-	-	-	-	-	901.7	-
147.6	-	-	948.0	-	-	-	-	887.4	-
150.9	-	-	948.0	-	-	-	-	875.2	-
164.0	-	-	919.3	-	-	-	-	837.8	-
177.2	-	-	848.8	-	-	-	-	804.7	-
190.3	-	-	749.6	-	-	-	-	731.9	-
203.4	-	-	-	-	-	-	-	665.8	-
210.0	-	-	-	641.5	-	-	-	636.0	-
216.5	-	-	-	619.5	-	-	-	606.3	-
229.7	-	-	-	577.6	-	-	-	555.6	-
239.5	-	-	-	551.2	-	-	-	520.8	-
242.8	-	-	-	-	-	-	-	509.3	-
255.9	-	-	-	-	-	-	-	469.6	-
265.7	-	-	-	-	445.3	-	-	441.5	-
269.0	-	-	-	-	438.7	-	-	432.1	-
282.2	-	-	-	-	414.5	-	-	399.0	-
295.3	-	-	-	-	-	-	-	368.2	-
308.4	-	-	-	-	-	-	-	330.7	-
311.7	-	-	-	-	-	-	324.1	321.3	-
318.2	-	-	-	-	-	-	315.3	302.6	-
321.5	-	-	-	-	-	-	-	293.2	-
334.6	-	-	-	-	-	-	-	255.7	-
347.8	-	-	-	-	-	-	-	220.5	-

	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

Operation

SWSL, SFSL

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	SWSL							SFSL	
0 lb		0 lb - 1411,000 lb						0 lb		0 lb - 1411,000 lb						
88°/85°	88°/85°	75°	65°	55°	45°	15°		88°/85°	88°/85°	75°	65°	55°	45°	15°		
ft	1,000 lb							ft	1,000 lb							
78.7	535.7*	727.5*	-	-	-	-	-	85.3	467.4*	595.2*	-	-	-	-	-	
85.3	498.2*	709.9*	-	-	-	-	-	91.9	436.5*	590.8*	-	-	-	-	-	
91.9	463.0*	692.3*	-	-	-	-	-	98.4	407.9*	579.8*	-	-	-	-	-	
98.4	432.1*	765.0	-	-	-	-	743.0	111.5	357.1*	619.5	-	-	-	-	606.3	
111.5	381.4*	738.5	-	-	-	-	743.0	124.7	317.5*	606.3	-	-	-	-	606.3	
124.7	339.5*	712.1	-	-	-	-	743.0	137.8	284.4*	588.6	-	-	-	-	606.3	
137.8	304.2*	683.4	-	-	-	-	743.0	150.9	255.7*	571.0	-	-	-	-	606.3	
150.9	273.4*	657.0	-	-	-	-	743.0	164.0	231.5*	553.4	-	-	-	-	606.3	
164.0	246.9*	634.9	-	-	-	-	725.3	177.2	210.5*	535.7	-	-	-	-	597.5	
170.6	231.5*	615.1	778.2	-	-	-	713.2	190.3	191.8*	515.9	637.1	-	-	-	582.0	
177.2	198.4	579.8	776.0	-	-	-	701.1	203.4	175.3*	496.0	626.1	-	-	-	564.4	
183.7	187.4	544.5	767.2	-	-	-	681.2	216.5	140.0	438.7	615.1	-	-	-	542.3	
190.3	-	-	754.0	-	-	-	670.2	223.1	132.3	401.2	606.3	-	-	-	534.6	
203.4	-	-	705.5	-	-	-	646.0	229.7	-	-	586.4	-	-	-	526.9	
216.5	-	-	623.9	-	-	-	615.1	242.8	-	-	526.9	-	-	-	511.5	
229.7	-	-	557.8	-	-	-	562.2	255.9	-	-	478.4	-	-	-	487.2	
236.2	-	-	-	546.7	-	-	539.0	259.2	-	-	467.4	482.8	-	-	477.9	
242.8	-	-	-	529.1	-	-	515.9	269.0	-	-	436.5	460.8	-	-	449.7	
255.9	-	-	-	496.0	-	-	474.0	282.2	-	-	-	434.3	-	-	416.7	
269.0	-	-	-	467.4	-	-	438.7	295.3	-	-	-	412.3	-	-	385.8	
275.6	-	-	-	454.2	-	-	421.1	308.4	-	-	-	390.2	-	-	357.1	
282.2	-	-	-	-	-	-	403.4	315.0	-	-	-	379.2	-	-	343.9	
295.3	-	-	-	-	377.0	-	372.6	321.5	-	-	-	-	-	-	330.7	
308.4	-	-	-	-	357.1	-	346.1	324.8	-	-	-	326.3	-	-	324.6	
318.2	-	-	-	-	343.9	-	326.3	334.6	-	-	-	315.3	-	-	306.4	
321.5	-	-	-	-	-	-	319.7	347.8	-	-	-	299.8	-	-	284.4	
334.6	-	-	-	-	-	-	288.8	354.3	-	-	-	293.2	-	-	272.3	
347.8	-	-	-	-	-	262.4	257.9	360.9	-	-	-	-	-	-	260.1	
357.6	-	-	-	-	-	253.5	234.8	374.0	-	-	-	-	-	-	231.5	
360.9	-	-	-	-	-	-	227.1	380.6	-	-	-	-	-	222.7	218.8	
374.0	-	-	-	-	-	-	197.3	387.1	-	-	-	-	-	216.1	206.1	
387.1	-	-	-	-	-	-	170.9	393.7	-	-	-	-	-	210.5	192.9	
								400.3	-	-	-	-	-	-	179.7	
								413.4	-	-	-	-	-	-	154.3	
								426.5	-	-	-	-	-	-	136.7	

	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

Operation

SWSL, SFSL

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		SWSL								SFSL	
0 lb		0 lb - 1411,000 lb						15°		0 lb		0 lb - 1411,000 lb						15°	
ft		88°/85°	88°/85°	75°	65°	55°	45°	1,000 lb		ft		88°/85°	88°/85°	75°	65°	55°	45°	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	168.7	-	433.1	-	-	-	-	192.9	-	-	156.5	-
426.5	-	-	-	-	-	-	172.0	157.6	-	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
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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

Operation

SWSL, SFSL

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					
ft	88°/85°	88°/85°	75°	65°	55°	45°	15°	ft	88°/85°	88°/85°	75°	65°	55°	45°	15°
1,000 lb								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	97.4	492.1	-	-	-	-	129.0	-	98.1
492.1	-	-	-	-	-	-	98.8	505.3	-	-	-	-	122.4	-	82.2
505.3	-	-	-	-	-	-	92.6	518.4	-	-	-	-	-	70.3	67.0
518.4	-	-	-	-	-	-	63.3	531.5	-	-	-	-	-	65.0	52.0
531.5	-	-	-	-	-	-	51.6	544.6	-	-	-	-	-	60.2	41.0
								557.7	-	-	-	-	-	-	32.4
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

Operation

SWSL, SFSL

 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 SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°										SWSL SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft 1,000 lb										ft 1,000 lb									
65.6	652.6*	826.7*	-	-	-	-	-	-	-	78.7	518.1*	668.0*	-	-	-	-	-	-	-
72.2	599.7*	802.5*	-	-	-	-	-	-	-	85.3	480.6*	650.4*	-	-	-	-	-	-	-
78.7	553.4*	778.2*	-	-	-	-	-	-	-	91.9	447.5*	634.9*	-	-	-	-	-	-	-
85.3	513.7*	868.6	-	-	-	-	-	-	840.0	98.4	418.9*	696.7	-	-	-	-	-	681.2	-
91.9	478.4*	848.8	-	-	-	-	-	-	840.0	111.5	368.2*	676.8	-	-	-	-	-	681.2	-
98.4	447.5*	828.9	-	-	-	-	-	-	840.0	124.7	328.5*	652.6	-	-	-	-	-	681.2	-
111.5	394.6*	789.3	-	-	-	-	-	-	840.0	137.8	293.2*	626.1	-	-	-	-	-	681.2	-
124.7	352.7*	751.8	-	-	-	-	-	-	840.0	150.9	264.6*	599.7	-	-	-	-	-	681.2	-
131.2	335.1*	736.3	-	-	-	-	-	-	840.0	164.0	240.3*	579.8	-	-	-	-	-	670.2	-
137.8	284.4	723.1	-	-	-	-	-	-	840.0	170.6	229.3*	568.8	-	-	-	-	-	661.4	-
144.4	269.0	707.7	-	-	-	-	-	-	831.1	177.2	192.9	560.0	707.7	-	-	-	-	652.6	-
150.9	-	-	-	-	-	-	-	-	815.7	183.7	183.0	549.0	698.9	-	-	-	-	641.5	-
154.2	-	-	866.4	-	-	-	-	-	809.1	190.3	-	-	690.0	-	-	-	-	630.5	-
164.0	-	-	857.6	-	-	-	-	-	776.0	203.4	-	-	668.0	-	-	-	-	604.1	-
177.2	-	-	824.5	-	-	-	-	-	749.6	216.5	-	-	646.0	-	-	-	-	584.2	-
190.3	-	-	769.4	-	-	-	-	-	723.1	229.7	-	-	579.8	-	-	-	-	553.4	-
196.9	-	-	736.3	-	-	-	-	-	688.9	236.2	-	-	549.0	-	-	-	-	530.2	-
203.4	-	-	-	-	-	-	-	-	654.8	242.8	-	-	-	511.5	-	-	-	507.1	-
216.5	-	-	-	-	-	-	-	-	597.5	255.9	-	-	-	480.6	-	-	-	465.2	-
219.8	-	-	-	590.8	-	-	-	-	584.2	269.0	-	-	-	451.9	-	-	-	427.7	-
229.7	-	-	-	562.2	-	-	-	-	544.5	282.2	-	-	-	427.7	-	-	-	394.6	-
242.8	-	-	-	526.9	-	-	-	-	500.4	295.3	-	-	-	-	-	-	-	363.8	-
249.3	-	-	-	511.5	-	-	-	-	479.5	308.4	-	-	-	-	-	341.7	-	335.1	-
255.9	-	-	-	-	-	-	-	-	458.6	321.5	-	-	-	-	-	324.1	-	310.9	-
269.0	-	-	-	-	-	-	-	-	421.1	328.1	-	-	-	-	-	315.3	-	298.7	-
275.6	-	-	-	-	407.9	-	-	-	404.5	334.6	-	-	-	-	-	-	-	286.6	-
282.2	-	-	-	-	396.8	-	-	-	388.0	347.8	-	-	-	-	-	-	-	262.4	-
292.0	-	-	-	-	381.4	-	-	-	364.9	360.9	-	-	-	-	-	-	-	233.7	-
295.3	-	-	-	-	-	-	-	-	357.1	370.7	-	-	-	-	-	-	238.1	212.2	-
308.4	-	-	-	-	-	-	-	-	330.7	374.0	-	-	-	-	-	-	-	205.0	-
321.5	-	-	-	-	-	-	-	-	299.8	387.1	-	-	-	-	-	-	-	177.5	-
334.6	-	-	-	-	-	-	-	-	266.8	400.3	-	-	-	-	-	-	-	149.9	-
347.8	-	-	-	-	-	-	-	-	233.7										
360.9	-	-	-	-	-	-	-	-	200.6										

	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

Operation

SWSL, SFSL

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										SWSL									
SFSL										SFSL									
0 lb										0 lb - 1411,000 lb									
0 lb										0 lb - 1411,000 lb									
88°/85° 88°/85° 75° 65° 55° 45° 15°										88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft										ft									
1,000 lb										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	-	-	-	-	-	-	555.6	137.8	255.7 *	456.4	-	-	-	-	-	-	454.2
124.7	308.6 *	557.8	-	-	-	-	-	-	555.6	150.9	229.3 *	445.3	-	-	-	-	-	-	454.2
137.8	275.6 *	540.1	-	-	-	-	-	-	555.6	164.0	207.2 *	434.3	-	-	-	-	-	-	454.2
150.9	246.9 *	522.5	-	-	-	-	-	-	555.6	177.2	187.4 *	423.3	-	-	-	-	-	-	454.2
164.0	224.9 *	504.9	-	-	-	-	-	-	555.6	190.3	169.8 *	412.3	-	-	-	-	-	-	454.2
177.2	203.9 *	487.2	-	-	-	-	-	-	553.4	203.4	154.3 *	399.0	-	-	-	-	-	-	447.5
190.3	186.3 *	474.0	-	-	-	-	-	-	540.1	216.5	141.1 *	388.0	467.4	-	-	-	-	-	438.7
196.9	177.5 *	465.2	577.6	-	-	-	-	-	533.5	229.7	129.0 *	374.8	467.4	-	-	-	-	-	429.9
203.4	169.8 *	458.6	577.6	-	-	-	-	-	526.9	242.8	117.9 *	361.6	465.2	-	-	-	-	-	421.1
210.0	163.1 *	449.7	575.4	-	-	-	-	-	520.3	255.9	87.5	330.7	449.7	-	-	-	-	-	410.1
216.5	132.3	443.1	562.2	-	-	-	-	-	513.7	262.5	83.3	304.2	447.5	-	-	-	-	-	403.4
223.1	126.8	412.3	555.6	-	-	-	-	-	500.4	269.0	-	-	445.3	-	-	-	-	-	399.0
229.7	-	-	549.0	-	-	-	-	-	493.8	282.2	-	-	421.1	-	-	-	-	-	390.2
242.8	-	-	535.7	-	-	-	-	-	480.6	295.3	-	-	385.8	385.8	-	-	-	-	381.4
255.9	-	-	496.0	-	-	-	-	-	465.2	308.4	-	-	350.5	366.0	-	-	-	-	352.7
269.0	-	-	449.7	447.5	-	-	-	-	440.9	321.5	-	-	-	346.1	-	-	-	-	326.3
275.6	-	-	429.9	434.3	-	-	-	-	424.4	334.6	-	-	-	328.5	-	-	-	-	302.0
282.2	-	-	-	421.1	-	-	-	-	407.9	347.8	-	-	-	313.1	-	-	-	-	280.0
295.3	-	-	-	399.0	-	-	-	-	377.0	360.9	-	-	-	297.6	-	-	-	-	257.9
308.4	-	-	-	377.0	-	-	-	-	348.3	367.5	-	-	-	-	251.3	-	-	-	249.1
321.5	-	-	-	359.4	-	-	-	-	321.9	374.0	-	-	-	-	246.9	-	-	-	240.3
334.6	-	-	-	-	-	-	-	-	297.6	387.1	-	-	-	-	233.7	-	-	-	220.5
341.2	-	-	-	-	293.2	-	-	-	286.6	400.3	-	-	-	-	224.9	-	-	-	205.0
347.8	-	-	-	-	284.4	-	-	-	275.6	406.8	-	-	-	-	219.4	-	-	-	194.0
360.9	-	-	-	-	271.2	-	-	-	255.7	413.4	-	-	-	-	-	-	-	-	183.0
367.5	-	-	-	-	264.6	-	-	-	245.8	426.5	-	-	-	-	-	-	-	-	160.9
374.0	-	-	-	-	-	-	-	-	235.9	433.1	-	-	-	-	-	-	157.6	-	150.5
387.1	-	-	-	-	-	-	-	-	210.5	439.6	-	-	-	-	-	-	153.2	-	140.0
393.7	-	-	-	-	-	200.6	-	-	197.9	446.2	-	-	-	-	-	-	148.8	-	129.5
400.3	-	-	-	-	-	195.1	-	-	185.2	452.8	-	-	-	-	-	-	-	-	119.0
406.8	-	-	-	-	-	189.6	-	-	173.1	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	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

Operation

SWSL, SFSL

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									
0 lb 0 lb - 1411,000 lb SFSL									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
111.5	297.6*	366.0*	-	-	-	-	-	-	-
124.7	262.4*	354.9*	-	-	-	-	-	-	-
137.8	233.7*	377.0	-	-	-	-	-	370.4	-
150.9	208.3*	372.6	-	-	-	-	-	370.4	-
164.0	186.3*	363.8	-	-	-	-	-	370.4	-
177.2	166.4*	357.1	-	-	-	-	-	370.4	-
190.3	149.9*	348.3	-	-	-	-	-	370.4	-
203.4	134.5*	341.7	-	-	-	-	-	370.4	-
216.5	121.3*	332.9	-	-	-	-	-	368.2	-
229.7	110.0*	326.3	-	-	-	-	-	361.6	-
236.2	104.5*	321.9	374.8	-	-	-	-	358.3	-
242.8	99.2*	315.3	374.8	-	-	-	-	354.9	-
255.9	89.3*	306.4	374.8	-	-	-	-	350.5	-
269.0	80.5*	296.5	372.6	-	-	-	-	343.9	-
275.6	76.3*	291.0	372.6	-	-	-	-	341.7	-
282.2	53.2	276.7	370.4	-	-	-	-	339.5	-
288.7	49.6	262.4	366.0	-	-	-	-	330.7	-
295.3	-	-	361.6	-	-	-	-	328.5	-
308.4	-	-	341.7	-	-	-	-	321.9	-
321.5	-	-	315.3	326.3	-	-	-	315.3	-
334.6	-	-	291.0	308.6	-	-	-	295.4	-
347.8	-	-	262.4	293.2	-	-	-	273.4	-
360.9	-	-	-	277.8	-	-	-	253.5	-
374.0	-	-	-	264.6	-	-	-	233.7	-
387.1	-	-	-	251.3	-	-	-	216.1	-
393.7	-	-	-	244.7	-	-	-	207.2	-
400.3	-	-	-	-	202.8	-	-	198.4	-
413.4	-	-	-	-	192.9	-	-	183.0	-
426.5	-	-	-	-	184.1	-	-	166.4	-
439.6	-	-	-	-	176.4	-	-	146.6	-
452.8	-	-	-	-	-	-	-	127.9	-
465.9	-	-	-	-	-	-	114.6	109.8	-
479.0	-	-	-	-	-	-	108.9	91.7	-
492.1	-	-	-	-	-	-	-	73.9	-
518.4	-	-	-	-	-	-	-	52.2	-

295.3 ft + 315.0 ft									
0 lb 0 lb - 1411,000 lb SFSL									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
124.7	242.5*	297.6*	-	-	-	-	-	-	-
137.8	215.0*	291.0*	-	-	-	-	-	-	-
150.9	190.7*	302.0	-	-	-	-	-	299.8	-
164.0	169.8*	299.8	-	-	-	-	-	299.8	-
177.2	151.0*	295.4	-	-	-	-	-	299.8	-
190.3	134.5*	288.8	-	-	-	-	-	299.8	-
203.4	120.2*	284.4	-	-	-	-	-	299.8	-
216.5	107.4*	277.8	-	-	-	-	-	299.8	-
229.7	95.9*	273.4	-	-	-	-	-	299.8	-
242.8	85.1*	266.8	-	-	-	-	-	293.2	-
255.9	75.4*	262.4	293.2	-	-	-	-	288.8	-
269.0	66.8*	255.7	293.2	-	-	-	-	282.2	-
282.2	58.8*	246.9	293.2	-	-	-	-	277.8	-
295.3	51.4*	239.2	293.2	-	-	-	-	271.2	-
308.4	44.6*	231.5	291.0	-	-	-	-	264.6	-
315.0	41.4*	227.1	291.0	-	-	-	-	262.4	-
321.5	-	214.4	291.0	-	-	-	-	260.1	-
328.1	-	201.7	288.8	-	-	-	-	254.6	-
334.6	-	-	286.6	-	-	-	-	251.3	-
347.8	-	-	264.6	253.5	-	-	-	244.7	-
360.9	-	-	244.7	253.5	-	-	-	240.3	-
374.0	-	-	227.1	251.3	-	-	-	233.7	-
387.1	-	-	202.8	240.3	-	-	-	218.3	-
400.3	-	-	-	229.3	-	-	-	200.6	-
413.4	-	-	-	218.3	-	-	-	185.2	-
426.5	-	-	-	208.3	172.0	-	-	169.8	-
433.1	-	-	-	203.9	167.6	-	-	163.1	-
439.6	-	-	-	-	164.2	-	-	156.5	-
452.8	-	-	-	-	155.4	-	-	141.1	-
465.9	-	-	-	-	148.8	-	-	123.5	-
479.0	-	-	-	-	142.2	-	-	106.7	-
492.1	-	-	-	-	-	-	-	89.9	-
498.7	-	-	-	-	-	-	86.0	81.9	-
518.4	-	-	-	-	-	-	77.6	57.8	-
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	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									
295.3 ft + 354.3 ft									
0 lb 0 lb - 1411,000 lb SFSL									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	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	-

315.0 ft + 118.1 ft									
0 lb 0 lb - 1411,000 lb SFSL									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
65.6	630.5*	754.0*	-	-	-	-	-	-	-
72.2	579.8*	734.1*	-	-	-	-	-	-	-
78.7	535.7*	712.1*	-	-	-	-	-	-	-
85.3	498.2*	782.6	-	-	-	-	-	762.8	-
91.9	463.0*	773.8	-	-	-	-	-	762.8	-
98.4	434.3*	756.2	-	-	-	-	-	762.8	-
111.5	383.6*	718.7	-	-	-	-	-	762.8	-
124.7	341.7*	683.4	-	-	-	-	-	762.8	-
131.2	324.1*	670.2	-	-	-	-	-	762.8	-
137.8	271.2	659.2	-	-	-	-	-	762.8	-
150.9	244.7	632.7	-	-	-	-	-	749.6	-
157.5	-	-	795.9	-	-	-	-	736.3	-
164.0	-	-	787.1	-	-	-	-	725.3	-
177.2	-	-	765.0	-	-	-	-	690.0	-
190.3	-	-	736.3	-	-	-	-	665.8	-
203.4	-	-	701.1	-	-	-	-	641.5	-
216.5	-	-	-	-	-	-	-	586.4	-
226.4	-	-	-	553.4	-	-	-	546.7	-
229.7	-	-	-	544.5	-	-	-	533.5	-
242.8	-	-	-	509.3	-	-	-	489.4	-
255.9	-	-	-	478.4	-	-	-	447.5	-
269.0	-	-	-	-	-	-	-	410.1	-
282.2	-	-	-	-	-	-	-	377.0	-
288.7	-	-	-	-	366.0	-	-	361.6	-
295.3	-	-	-	-	357.1	-	-	346.1	-
305.1	-	-	-	-	343.9	-	-	326.3	-
308.4	-	-	-	-	-	-	-	319.7	-
321.5	-	-	-	-	-	-	-	293.2	-
334.6	-	-	-	-	-	-	-	269.0	-
341.2	-	-	-	-	-	-	257.9	253.5	-
347.8	-	-	-	-	-	-	251.3	238.1	-
360.9	-	-	-	-	-	-	-	207.2	-
374.0	-	-	-	-	-	-	-	177.5	-
387.1	-	-	-	-	-	-	-	148.8	-

	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

Operation

SWSL, SFSL

650,500 lb + 132,300 lb 62.3-98.4 ft									
315.0 ft + 157.5 ft									
SWSL SFSL									
0 lb 0 lb - 1411,000 lb									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft 1,000 lb									
78.7	500.4*	610.7*	-	-	-	-	-	-	-
85.3	465.2*	595.2*	-	-	-	-	-	-	-
91.9	434.3*	579.8*	-	-	-	-	-	-	-
98.4	405.7*	639.3	-	-	-	-	-	619.5	-
111.5	357.1*	621.7	-	-	-	-	-	619.5	-
124.7	317.5*	595.2	-	-	-	-	-	619.5	-
137.8	284.4*	571.0	-	-	-	-	-	619.5	-
150.9	257.9*	546.7	-	-	-	-	-	619.5	-
164.0	233.7*	529.1	-	-	-	-	-	617.3	-
170.6	222.7*	518.1	-	-	-	-	-	608.5	-
177.2	184.1	509.3	643.8	-	-	-	-	599.7	-
183.7	175.3	500.4	643.8	-	-	-	-	590.8	-
190.3	-	-	641.5	-	-	-	-	582.0	-
203.4	-	-	615.1	-	-	-	-	560.0	-
216.5	-	-	599.7	-	-	-	-	540.1	-
229.7	-	-	582.0	-	-	-	-	522.5	-
242.8	-	-	540.1	-	-	-	-	496.0	-
252.6	-	-	-	471.8	-	-	-	466.3	-
255.9	-	-	-	465.2	-	-	-	456.4	-
269.0	-	-	-	436.5	-	-	-	418.9	-
282.2	-	-	-	412.3	-	-	-	383.6	-
295.3	-	-	-	390.2	-	-	-	352.7	-
308.4	-	-	-	-	-	-	-	324.1	-
318.2	-	-	-	-	308.6	-	-	305.9	-
321.5	-	-	-	-	306.4	-	-	299.8	-
334.6	-	-	-	-	291.0	-	-	275.6	-
341.2	-	-	-	-	284.4	-	-	264.6	-
347.8	-	-	-	-	-	-	-	253.5	-
360.9	-	-	-	-	-	-	-	233.7	-
374.0	-	-	-	-	-	210.5	-	207.2	-
383.9	-	-	-	-	-	202.8	-	187.4	-
387.1	-	-	-	-	-	-	-	180.8	-
400.3	-	-	-	-	-	-	-	155.4	-
413.4	-	-	-	-	-	-	-	130.1	-
426.5	-	-	-	-	-	-	-	112.4	-

34.5 ft 32.2 ft/s 360° ASME B30.5									
315.0 ft + 196.9 ft									
SWSL SFSL									
0 lb 0 lb - 1411,000 lb									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft 1,000 lb									
85.3	436.5*	504.9*	-	-	-	-	-	-	-
91.9	407.9*	498.2*	-	-	-	-	-	-	-
98.4	381.4*	489.4*	-	-	-	-	-	-	-
111.5	335.1*	518.1	-	-	-	-	-	-	509.3
124.7	297.6*	511.5	-	-	-	-	-	-	509.3
137.8	266.8*	496.0	-	-	-	-	-	-	509.3
150.9	240.3*	478.4	-	-	-	-	-	-	509.3
164.0	217.2*	463.0	-	-	-	-	-	-	509.3
177.2	197.3*	445.3	-	-	-	-	-	-	509.3
190.3	179.7*	432.1	-	-	-	-	-	-	500.4
196.9	172.0*	425.5	522.5	-	-	-	-	-	493.8
203.4	164.2*	418.9	522.5	-	-	-	-	-	487.2
210.0	157.6*	412.3	522.5	-	-	-	-	-	481.7
216.5	124.6	405.7	518.1	-	-	-	-	-	476.2
223.1	119.0	399.0	515.9	-	-	-	-	-	470.7
229.7	-	-	509.3	-	-	-	-	-	465.2
242.8	-	-	491.6	-	-	-	-	-	447.5
255.9	-	-	482.8	-	-	-	-	-	436.5
269.0	-	-	465.2	-	-	-	-	-	423.3
275.6	-	-	445.3	-	-	-	-	-	411.2
282.2	-	-	-	405.7	-	-	-	-	399.0
295.3	-	-	-	383.6	-	-	-	-	366.0
308.4	-	-	-	363.8	-	-	-	-	337.3
321.5	-	-	-	343.9	-	-	-	-	310.9
328.1	-	-	-	335.1	-	-	-	-	298.7
334.6	-	-	-	-	-	-	-	-	286.6
347.8	-	-	-	-	269.0	-	-	-	264.6
360.9	-	-	-	-	255.7	-	-	-	244.7
374.0	-	-	-	-	244.7	-	-	-	224.9
380.6	-	-	-	-	238.1	-	-	-	216.6
387.1	-	-	-	-	-	-	-	-	208.3
400.3	-	-	-	-	-	-	-	-	186.3
413.4	-	-	-	-	-	-	172.0	-	163.1
419.9	-	-	-	-	-	-	167.6	-	151.6
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	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

Operation

SWSL, SFSL

 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									
SWSL SFSL									
0 lb 0 lb - 1411,000 lb									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
98.4	357.1*	412.3*	-	-	-	-	-	-	-
111.5	313.1*	401.2*	-	-	-	-	-	-	-
124.7	277.8*	388.0*	-	-	-	-	-	-	-
131.2	262.4*	423.3	-	-	-	-	-	416.7	-
137.8	246.9*	418.9	-	-	-	-	-	416.7	-
150.9	222.7*	407.9	-	-	-	-	-	416.7	-
164.0	200.6*	396.8	-	-	-	-	-	416.7	-
177.2	180.8*	385.8	-	-	-	-	-	416.7	-
190.3	164.2*	374.8	-	-	-	-	-	416.7	-
203.4	148.8*	363.8	-	-	-	-	-	412.3	-
216.5	135.6*	352.7	423.3	-	-	-	-	405.7	-
229.7	123.5*	343.9	423.3	-	-	-	-	399.0	-
242.8	112.4*	332.9	421.1	-	-	-	-	390.2	-
255.9	81.1	321.9	416.7	-	-	-	-	383.6	-
262.5	77.2	310.9	414.5	-	-	-	-	374.8	-
269.0	-	-	410.1	-	-	-	-	370.4	-
282.2	-	-	399.0	-	-	-	-	361.6	-
295.3	-	-	392.4	-	-	-	-	354.9	-
301.8	-	-	381.4	361.6	-	-	-	349.4	-
308.4	-	-	366.0	352.7	-	-	-	343.9	-
315.0	-	-	343.9	341.7	-	-	-	330.7	-
321.5	-	-	-	332.9	-	-	-	317.5	-
334.6	-	-	-	315.3	-	-	-	293.2	-
347.8	-	-	-	299.8	-	-	-	269.0	-
360.9	-	-	-	286.6	-	-	-	249.1	-
367.5	-	-	-	280.0	-	-	-	239.2	-
374.0	-	-	-	-	-	-	-	229.3	-
380.6	-	-	-	-	224.9	-	-	221.0	-
387.1	-	-	-	-	220.5	-	-	212.7	-
400.3	-	-	-	-	209.4	-	-	195.1	-
413.4	-	-	-	-	200.6	-	-	179.7	-
426.5	-	-	-	-	-	-	-	159.8	-
439.6	-	-	-	-	-	-	-	140.0	-
446.2	-	-	-	-	-	-	136.7	130.1	-
452.8	-	-	-	-	-	-	132.3	120.2	-
459.3	-	-	-	-	-	-	129.0	110.6	-
465.9	-	-	-	-	-	-	-	101.0	-
479.0	-	-	-	-	-	-	-	82.0	-
492.1	-	-	-	-	-	-	-	69.9	-

 315.0 ft +  275.6 ft									
SWSL SFSL									
0 lb 0 lb - 1411,000 lb									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
111.5	286.6*	332.9*	-	-	-	-	-	-	-
124.7	253.5*	326.3*	-	-	-	-	-	-	-
137.8	224.9*	317.5*	-	-	-	-	-	-	-
144.4	211.6*	343.9	-	-	-	-	-	339.5	-
150.9	200.6*	341.7	-	-	-	-	-	339.5	-
164.0	178.6*	332.9	-	-	-	-	-	339.5	-
177.2	159.8*	326.3	-	-	-	-	-	339.5	-
190.3	143.3*	317.5	-	-	-	-	-	339.5	-
203.4	129.0*	310.9	-	-	-	-	-	339.5	-
216.5	115.7*	302.0	-	-	-	-	-	337.3	-
229.7	104.7*	295.4	-	-	-	-	-	332.9	-
236.2	99.4*	291.0	339.5	-	-	-	-	330.7	-
242.8	94.4*	286.6	339.5	-	-	-	-	328.5	-
255.9	84.7*	280.0	339.5	-	-	-	-	324.1	-
269.0	76.2*	271.2	339.5	-	-	-	-	317.5	-
275.6	72.1*	266.8	337.3	-	-	-	-	315.3	-
282.2	47.3	262.4	335.1	-	-	-	-	313.1	-
295.3	40.7	243.6	332.9	-	-	-	-	302.0	-
301.8	37.5	229.3	330.7	-	-	-	-	299.8	-
308.4	-	-	324.1	-	-	-	-	297.6	-
321.5	-	-	319.7	-	-	-	-	291.0	-
328.1	-	-	310.9	280.0	-	-	-	288.8	-
334.6	-	-	299.8	280.0	-	-	-	286.6	-
347.8	-	-	275.6	277.8	-	-	-	264.6	-
354.3	-	-	257.9	271.2	-	-	-	253.5	-
360.9	-	-	-	264.6	-	-	-	242.5	-
374.0	-	-	-	251.3	-	-	-	224.9	-
387.1	-	-	-	240.3	-	-	-	206.1	-
400.3	-	-	-	229.3	-	-	-	189.6	-
406.8	-	-	-	222.7	-	-	-	181.9	-
413.4	-	-	-	-	178.6	-	-	174.2	-
426.5	-	-	-	-	169.8	-	-	158.7	-
439.6	-	-	-	-	162.0	-	-	144.4	-
452.8	-	-	-	-	155.4	-	-	125.7	-
465.9	-	-	-	-	-	-	-	108.5	-
479.0	-	-	-	-	-	-	96.3	91.1	-
492.1	-	-	-	-	-	-	90.4	74.1	-
518.4	-	-	-	-	-	-	-	42.1	-
531.5	-	-	-	-	-	-	-	32.8	-

	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

Operation

SWSL, SFSL

 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									
  0 lb  SWSL  SFSL  0 lb - 1411,000 lb									
  88°/85°  88°/85°  75°  65°  55°  45°  15°									
ft	1,000 lb								
124.7	233.7*	273.4*	-	-	-	-	-	-	-
137.8	206.1*	266.8*	-	-	-	-	-	-	-
150.9	183.0*	260.1*	-	-	-	-	-	-	-
157.5	172.0*	275.6	-	-	-	-	-	273.4	-
164.0	162.0*	275.6	-	-	-	-	-	273.4	-
177.2	144.4*	271.2	-	-	-	-	-	273.4	-
190.3	127.9*	264.6	-	-	-	-	-	273.4	-
203.4	114.6*	257.9	-	-	-	-	-	273.4	-
216.5	101.9*	253.5	-	-	-	-	-	273.4	-
229.7	90.6*	249.1	-	-	-	-	-	273.4	-
242.8	80.2*	242.5	-	-	-	-	-	271.2	-
255.9	71.0*	238.1	266.8	-	-	-	-	266.8	-
269.0	62.5*	232.6	266.8	-	-	-	-	260.1	-
282.2	54.7*	226.0	266.8	-	-	-	-	255.7	-
295.3	47.5*	219.4	266.8	-	-	-	-	251.3	-
301.8	44.2*	216.1	266.8	-	-	-	-	249.1	-
308.4	40.9*	212.7	264.6	-	-	-	-	246.9	-
315.0	37.7*	209.4	264.6	-	-	-	-	243.6	-
321.5	-	206.1	262.4	-	-	-	-	240.3	-
328.1	-	202.8	262.4	-	-	-	-	237.0	-
334.6	-	-	260.1	-	-	-	-	233.7	-
347.8	-	-	260.1	-	-	-	-	227.1	-
354.3	-	-	257.9	231.5	-	-	-	224.9	-
360.9	-	-	251.3	231.5	-	-	-	222.7	-
374.0	-	-	233.7	231.5	-	-	-	217.2	-
387.1	-	-	212.7	229.3	-	-	-	209.4	-
393.7	-	-	199.5	222.7	-	-	-	200.6	-
400.3	-	-	-	218.3	-	-	-	191.8	-
413.4	-	-	-	207.2	-	-	-	176.4	-
426.5	-	-	-	197.3	-	-	-	160.9	-
439.6	-	-	-	188.5	149.9	-	-	146.6	-
452.8	-	-	-	-	142.2	-	-	133.4	-
465.9	-	-	-	-	135.6	-	-	120.2	-
479.0	-	-	-	-	129.0	-	-	104.1	-
492.1	-	-	-	-	122.4	-	-	88.0	-
511.8	-	-	-	-	-	68.6	-	64.6	-
518.4	-	-	-	-	-	65.9	-	56.9	-
531.5	-	-	-	-	-	60.8	-	41.9	-
544.6	-	-	-	-	-	-	-	27.1	-

 315.0 ft +  354.3 ft									
  0 lb  SWSL  SFSL  0 lb - 1411,000 lb									
  88°/85°  88°/85°  75°  65°  55°  45°  15°									
ft	1,000 lb								
137.8	188.5*	218.3*	-	-	-	-	-	-	-
150.9	165.3*	213.8*	-	-	-	-	-	-	-
164.0	145.5*	209.4*	-	-	-	-	-	-	-
170.6	137.2*	220.5	-	-	-	-	-	-	-
177.2	129.0*	220.5	-	-	-	-	-	220.5	-
190.3	113.5*	217.2	-	-	-	-	-	220.5	-
203.4	100.1*	213.8	-	-	-	-	-	219.4	-
216.5	87.7*	209.4	-	-	-	-	-	218.3	-
229.7	76.5*	205.0	-	-	-	-	-	217.2	-
242.8	66.6*	201.7	-	-	-	-	-	216.1	-
255.9	57.5*	197.3	-	-	-	-	-	215.0	-
269.0	49.2*	193.5	-	-	-	-	-	211.6	-
275.6	45.2*	191.8	209.4	-	-	-	-	210.0	-
282.2	41.6*	189.6	209.4	-	-	-	-	208.3	-
295.3	34.5*	184.1	209.4	-	-	-	-	205.0	-
308.4	28.0*	177.5	209.4	-	-	-	-	201.7	-
315.0	24.9*	174.2	209.4	-	-	-	-	200.1	-
321.5	-	170.3	209.4	-	-	-	-	198.4	-
334.6	-	163.1	208.3	-	-	-	-	195.1	-
347.8	-	156.5	208.3	-	-	-	-	191.8	-
354.3	-	153.2	207.2	-	-	-	-	190.1	-
360.9	-	149.4	207.2	-	-	-	-	188.5	-
367.5	-	145.5	207.2	-	-	-	-	183.0	-
374.0	-	-	206.1	-	-	-	-	180.8	-
380.6	-	-	203.9	179.7	-	-	-	179.1	-
387.1	-	-	200.6	179.7	-	-	-	177.5	-
400.3	-	-	191.8	179.7	-	-	-	174.2	-
413.4	-	-	177.5	179.7	-	-	-	170.9	-
426.5	-	-	158.7	179.7	-	-	-	158.7	-
439.6	-	-	-	174.2	-	-	-	144.4	-
452.8	-	-	-	165.3	-	-	-	131.2	-
465.9	-	-	-	157.6	-	-	-	119.0	-
472.4	-	-	-	153.2	117.9	-	-	113.8	-
479.0	-	-	-	149.9	114.6	-	-	108.5	-
492.1	-	-	-	-	109.8	-	-	93.3	-
518.4	-	-	-	-	96.8	-	-	63.9	-
524.9	-	-	-	-	93.9	-	-	57.0	-
531.5	-	-	-	-	-	-	-	50.0	-
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

Operation

SWSL, SFSL

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 88°/85° 88°/85° 75° 65° 55° 45° 15°										SWSL SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft 1,000 lb										ft 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	374.0	-	-	-	-	-	-	-	206.1	-
374.0	-	-	-	-	-	-	-	-	183.0	387.1	-	-	-	-	-	-	-	181.9	-
387.1	-	-	-	-	-	-	-	-	155.4	390.4	-	-	-	-	-	-	183.0	175.8	-
400.3	-	-	-	-	-	-	-	-	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	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

Operation

SWSL, SFSL

 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° 15°										SWSL SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft 1,000 lb										ft 1,000 lb									
91.9	392.4*	456.4*	-	-	-	-	-	-	-	98.4	343.9*	377.0*	-	-	-	-	-	-	-
98.4	368.2*	447.5*	-	-	-	-	-	-	-	111.5	302.0*	368.2*	-	-	-	-	-	-	-
111.5	324.1*	427.7*	-	-	-	-	-	-	-	124.7	266.8*	352.7*	-	-	-	-	-	-	-
118.1	304.2*	474.0	-	-	-	-	-	-	465.2	131.2	251.3*	388.0	-	-	-	-	-	381.4	-
124.7	286.6*	467.4	-	-	-	-	-	-	465.2	137.8	238.1*	383.6	-	-	-	-	-	381.4	-
137.8	257.9*	451.9	-	-	-	-	-	-	465.2	150.9	213.8*	372.6	-	-	-	-	-	381.4	-
150.9	231.5*	436.5	-	-	-	-	-	-	465.2	164.0	192.9*	361.6	-	-	-	-	-	381.4	-
164.0	209.4*	421.1	-	-	-	-	-	-	465.2	177.2	174.2*	350.5	-	-	-	-	-	381.4	-
177.2	189.6*	405.7	-	-	-	-	-	-	465.2	190.3	157.6*	339.5	-	-	-	-	-	381.4	-
190.3	173.1*	392.4	-	-	-	-	-	-	458.6	203.4	143.3*	330.7	-	-	-	-	-	379.2	-
203.4	157.6*	381.4	469.6	-	-	-	-	-	449.7	216.5	130.1*	319.7	-	-	-	-	-	374.8	-
210.0	151.0*	374.8	469.6	-	-	-	-	-	445.3	223.1	123.5*	315.3	381.4	-	-	-	-	371.5	-
216.5	117.9	368.2	469.6	-	-	-	-	-	440.9	229.7	117.9*	310.9	381.4	-	-	-	-	368.2	-
223.1	112.4	363.8	467.4	-	-	-	-	-	435.4	242.8	108.5*	302.0	379.2	-	-	-	-	361.6	-
229.7	-	-	463.0	-	-	-	-	-	429.9	255.9	74.7	293.2	377.0	-	-	-	-	354.9	-
242.8	-	-	454.2	-	-	-	-	-	421.1	262.5	70.8	288.8	372.6	-	-	-	-	351.6	-
255.9	-	-	436.5	-	-	-	-	-	403.4	269.0	-	-	370.4	-	-	-	-	348.3	-
269.0	-	-	427.7	-	-	-	-	-	394.6	282.2	-	-	366.0	-	-	-	-	335.1	-
282.2	-	-	416.7	-	-	-	-	-	383.6	295.3	-	-	354.9	-	-	-	-	328.5	-
288.7	-	-	-	381.4	-	-	-	-	370.4	308.4	-	-	346.1	-	-	-	-	319.7	-
295.3	-	-	-	370.4	-	-	-	-	357.1	315.0	-	-	343.9	328.5	-	-	-	314.2	-
308.4	-	-	-	350.5	-	-	-	-	328.5	321.5	-	-	339.5	319.7	-	-	-	308.6	-
321.5	-	-	-	330.7	-	-	-	-	302.0	334.6	-	-	-	304.2	-	-	-	284.4	-
334.6	-	-	-	315.3	-	-	-	-	280.0	347.8	-	-	-	288.8	-	-	-	262.4	-
341.2	-	-	-	306.4	-	-	-	-	267.9	360.9	-	-	-	273.4	-	-	-	240.3	-
347.8	-	-	-	-	-	-	-	-	255.7	374.0	-	-	-	260.1	-	-	-	220.5	-
360.9	-	-	-	-	-	-	-	-	235.9	387.1	-	-	-	-	-	-	-	203.9	-
374.0	-	-	-	-	240.3	-	-	-	217.2	393.7	-	-	-	-	200.6	-	-	195.7	-
387.1	-	-	-	-	229.3	-	-	-	199.5	400.3	-	-	-	-	195.1	-	-	187.4	-
400.3	-	-	-	-	218.3	-	-	-	183.0	413.4	-	-	-	-	186.3	-	-	170.9	-
413.4	-	-	-	-	-	-	-	-	163.1	426.5	-	-	-	-	178.6	-	-	156.5	-
426.5	-	-	-	-	-	-	-	-	141.1	439.6	-	-	-	-	-	-	-	137.8	-
433.1	-	-	-	-	-	-	-	-	145.5	452.8	-	-	-	-	-	-	-	119.0	-
439.6	-	-	-	-	-	-	-	-	120.2	459.3	-	-	-	-	-	-	116.8	110.2	-
452.8	-	-	-	-	-	-	-	-	100.3	465.9	-	-	-	-	-	-	113.5	101.4	-
465.9	-	-	-	-	-	-	-	-	80.2	472.4	-	-	-	-	-	-	110.2	92.4	-
479.0	-	-	-	-	-	-	-	-	68.6	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

 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									
SWSL SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
111.5	275.6*	306.4*	-	-	-	-	-	-	-
124.7	242.5*	299.8*	-	-	-	-	-	-	-
137.8	216.1*	291.0*	-	-	-	-	-	-	-
144.4	203.9*	313.1	-	-	-	-	-	308.6	-
150.9	191.8*	310.9	-	-	-	-	-	308.6	-
164.0	172.0*	304.2	-	-	-	-	-	308.6	-
177.2	153.2*	295.4	-	-	-	-	-	308.6	-
190.3	137.8*	288.8	-	-	-	-	-	308.6	-
203.4	123.5*	280.0	-	-	-	-	-	308.6	-
216.5	110.2*	273.4	-	-	-	-	-	308.6	-
229.7	99.9*	264.6	-	-	-	-	-	304.2	-
242.8	89.5*	257.9	302.0	-	-	-	-	297.6	-
255.9	80.0*	251.3	302.0	-	-	-	-	291.0	-
269.0	71.8*	245.8	299.8	-	-	-	-	284.4	-
275.6	67.7*	242.5	299.8	-	-	-	-	281.1	-
282.2	41.7	239.2	297.6	-	-	-	-	277.8	-
295.3	35.3	232.6	293.2	-	-	-	-	273.4	-
301.8	32.2	229.3	291.0	-	-	-	-	270.1	-
308.4	-	-	288.8	-	-	-	-	266.8	-
321.5	-	-	286.6	-	-	-	-	255.7	-
334.6	-	-	282.2	255.7	-	-	-	249.1	-
347.8	-	-	271.2	255.7	-	-	-	242.5	-
360.9	-	-	253.5	253.5	-	-	-	235.9	-
374.0	-	-	-	240.3	-	-	-	216.1	-
387.1	-	-	-	229.3	-	-	-	198.4	-
400.3	-	-	-	218.3	-	-	-	180.8	-
413.4	-	-	-	208.3	-	-	-	165.3	-
419.9	-	-	-	-	160.9	-	-	157.6	-
426.5	-	-	-	-	156.5	-	-	149.9	-
439.6	-	-	-	-	148.8	-	-	136.7	-
452.8	-	-	-	-	141.1	-	-	122.4	-
465.9	-	-	-	-	135.6	-	-	105.8	-
479.0	-	-	-	-	-	-	-	89.1	-
492.1	-	-	-	-	-	-	77.8	72.8	-
511.8	-	-	-	-	-	-	70.1	49.1	-
518.4	-	-	-	-	-	-	-	41.2	-
531.5	-	-	-	-	-	-	-	25.8	-

 334.6 ft +  315.0 ft									
SWSL SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
124.7	222.7*	249.1*	-	-	-	-	-	-	-
137.8	197.3*	244.7*	-	-	-	-	-	-	-
150.9	174.2*	238.1*	-	-	-	-	-	-	-
157.5	164.2*	253.5	-	-	-	-	-	251.3	-
164.0	154.3*	251.3	-	-	-	-	-	251.3	-
177.2	137.8*	246.9	-	-	-	-	-	251.3	-
190.3	122.4*	240.3	-	-	-	-	-	251.3	-
203.4	108.7*	235.9	-	-	-	-	-	249.1	-
216.5	96.6*	229.3	-	-	-	-	-	249.1	-
229.7	85.5*	224.9	-	-	-	-	-	249.1	-
242.8	75.4*	219.4	-	-	-	-	-	246.9	-
255.9	66.4*	213.8	-	-	-	-	-	242.5	-
262.5	62.2*	211.6	240.3	-	-	-	-	240.3	-
269.0	58.2*	208.9	240.3	-	-	-	-	238.1	-
282.2	50.6*	203.4	240.3	-	-	-	-	233.7	-
288.7	47.0*	200.6	240.3	-	-	-	-	231.5	-
295.3	43.5*	197.9	240.3	-	-	-	-	229.3	-
308.4	37.0*	192.4	238.1	-	-	-	-	224.9	-
315.0	34.0*	189.6	238.1	-	-	-	-	222.7	-
321.5	-	187.4	235.9	-	-	-	-	220.5	-
334.6	-	182.4	233.7	-	-	-	-	217.2	-
341.2	-	179.7	233.7	-	-	-	-	211.1	-
347.8	-	-	231.5	-	-	-	-	208.3	-
360.9	-	-	229.3	208.3	-	-	-	203.9	-
374.0	-	-	227.1	208.3	-	-	-	199.5	-
387.1	-	-	219.4	208.3	-	-	-	195.1	-
393.7	-	-	210.5	208.3	-	-	-	189.6	-
400.3	-	-	-	207.2	-	-	-	184.1	-
413.4	-	-	-	196.2	-	-	-	168.7	-
426.5	-	-	-	187.4	-	-	-	153.2	-
439.6	-	-	-	178.6	-	-	-	138.9	-
452.8	-	-	-	169.8	130.1	-	-	125.7	-
465.9	-	-	-	-	122.4	-	-	115.7	-
479.0	-	-	-	-	116.8	-	-	100.3	-
492.1	-	-	-	-	111.3	-	-	84.7	-
498.7	-	-	-	-	109.8	-	-	77.2	-
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	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

Operation

SWSL, SFSL

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									
0 lb SWSL SFSL 0 lb - 1411,000 lb									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	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

354.3 ft + 118.1 ft									
0 lb SWSL SFSL 0 lb - 1411,000 lb									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
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
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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

Operation

SWSL, SFSL

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 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°										SWSL SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
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	-	-	-	-	-	-	513.7	124.7	277.8*	423.3	-	-	-	-	-	421.1	-
111.5	332.9*	513.7	-	-	-	-	-	-	513.7	137.8	246.9*	410.1	-	-	-	-	-	421.1	-
124.7	297.6*	493.8	-	-	-	-	-	-	513.7	150.9	222.7*	394.6	-	-	-	-	-	421.1	-
137.8	266.8*	474.0	-	-	-	-	-	-	513.7	164.0	201.7*	379.2	-	-	-	-	-	421.1	-
150.9	240.3*	454.2	-	-	-	-	-	-	513.7	177.2	183.0*	366.0	-	-	-	-	-	421.1	-
164.0	218.3*	438.7	-	-	-	-	-	-	513.7	190.3	166.4*	354.9	-	-	-	-	-	418.9	-
170.6	208.3*	429.9	-	-	-	-	-	-	509.3	203.4	152.1*	343.9	-	-	-	-	-	412.3	-
177.2	164.2	423.3	-	-	-	-	-	-	504.9	210.0	145.5*	337.3	423.3	-	-	-	-	407.9	-
190.3	149.9	407.9	515.9	-	-	-	-	-	493.8	216.5	110.0	332.9	423.3	-	-	-	-	403.4	-
203.4	-	-	511.5	-	-	-	-	-	480.6	229.7	99.6	321.9	416.7	-	-	-	-	394.6	-
216.5	-	-	498.2	-	-	-	-	-	469.6	242.8	-	-	407.9	-	-	-	-	385.8	-
229.7	-	-	485.0	-	-	-	-	-	449.7	255.9	-	-	396.8	-	-	-	-	377.0	-
242.8	-	-	463.0	-	-	-	-	-	436.5	269.0	-	-	388.0	-	-	-	-	363.8	-
249.3	-	-	456.4	-	-	-	-	-	431.0	282.2	-	-	374.8	-	-	-	-	354.9	-
255.9	-	-	-	-	-	-	-	-	425.5	288.7	-	-	368.2	-	-	-	-	350.5	-
269.0	-	-	-	403.4	-	-	-	-	399.0	295.3	-	-	-	354.9	-	-	-	346.1	-
282.2	-	-	-	381.4	-	-	-	-	363.8	308.4	-	-	-	335.1	-	-	-	319.7	-
295.3	-	-	-	359.4	-	-	-	-	332.9	321.5	-	-	-	317.5	-	-	-	293.2	-
308.4	-	-	-	339.5	-	-	-	-	304.2	334.6	-	-	-	302.0	-	-	-	269.0	-
321.5	-	-	-	-	-	-	-	-	280.0	347.8	-	-	-	286.6	-	-	-	246.9	-
334.6	-	-	-	-	-	-	-	-	255.7	360.9	-	-	-	-	-	-	-	227.1	-
341.2	-	-	-	-	249.1	-	-	-	244.7	374.0	-	-	-	-	212.7	-	-	207.2	-
347.8	-	-	-	-	242.5	-	-	-	233.7	387.1	-	-	-	-	202.8	-	-	189.6	-
360.9	-	-	-	-	231.5	-	-	-	213.8	400.3	-	-	-	-	192.9	-	-	173.1	-
374.0	-	-	-	-	-	-	-	-	195.1	413.4	-	-	-	-	-	-	-	157.6	-
387.1	-	-	-	-	-	-	-	-	177.5	426.5	-	-	-	-	-	-	-	137.8	-
400.3	-	-	-	-	-	-	-	-	155.4	439.6	-	-	-	-	-	-	125.7	117.9	-
406.8	-	-	-	-	-	-	-	154.3	144.4	446.2	-	-	-	-	-	-	122.4	108.6	-
413.4	-	-	-	-	-	-	-	149.9	133.4	452.8	-	-	-	-	-	-	-	99.2	-
426.5	-	-	-	-	-	-	-	-	111.3	465.9	-	-	-	-	-	-	-	80.2	-
439.6	-	-	-	-	-	-	-	-	90.6	479.0	-	-	-	-	-	-	-	61.7	-
452.8	-	-	-	-	-	-	-	-	70.8	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
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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

Operation

SWSL, SFSL

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° 15°									
ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
1,000 lb									
98.4	324.1*	341.7*	-	-	-	-	-	-	-
111.5	291.0*	332.9*	-	-	-	-	-	-	-
124.7	257.9*	321.9*	-	-	-	-	-	-	-
131.2	242.5*	350.5	-	-	-	-	-	343.9	-
137.8	229.3*	348.3	-	-	-	-	-	343.9	-
150.9	206.1*	337.3	-	-	-	-	-	343.9	-
164.0	185.2*	326.3	-	-	-	-	-	343.9	-
177.2	167.6*	315.3	-	-	-	-	-	343.9	-
190.3	151.0*	306.4	-	-	-	-	-	343.9	-
203.4	136.7*	295.4	-	-	-	-	-	343.9	-
216.5	124.6*	286.6	-	-	-	-	-	339.5	-
229.7	113.5*	277.8	343.9	-	-	-	-	335.1	-
242.8	103.2*	271.2	341.7	-	-	-	-	328.5	-
249.3	98.5*	266.8	339.5	-	-	-	-	326.3	-
255.9	67.9	262.4	337.3	-	-	-	-	324.1	-
262.5	64.2	260.1	335.1	-	-	-	-	320.8	-
269.0	-	-	332.9	-	-	-	-	317.5	-
282.2	-	-	326.3	-	-	-	-	310.9	-
295.3	-	-	319.7	-	-	-	-	299.8	-
308.4	-	-	313.1	-	-	-	-	293.2	-
321.5	-	-	306.4	277.8	-	-	-	286.6	-
328.1	-	-	299.8	277.8	-	-	-	281.1	-
334.6	-	-	-	277.8	-	-	-	275.6	-
347.8	-	-	-	271.2	-	-	-	251.3	-
360.9	-	-	-	260.1	-	-	-	231.5	-
374.0	-	-	-	249.1	-	-	-	212.7	-
387.1	-	-	-	235.9	-	-	-	194.0	-
400.3	-	-	-	-	179.7	-	-	177.5	-
413.4	-	-	-	-	170.9	-	-	162.0	-
426.5	-	-	-	-	163.1	-	-	146.6	-
439.6	-	-	-	-	156.5	-	-	132.3	-
452.8	-	-	-	-	-	-	-	115.7	-
465.9	-	-	-	-	-	-	-	98.1	-
472.4	-	-	-	-	-	-	95.5	89.5	-
479.0	-	-	-	-	-	-	92.6	80.9	-
485.6	-	-	-	-	-	-	89.7	72.5	-
492.1	-	-	-	-	-	-	-	64.2	-
518.4	-	-	-	-	-	-	-	31.1	-

ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
1,000 lb									
111.5	264.6*	277.8*	-	-	-	-	-	-	-
124.7	233.7*	273.4*	-	-	-	-	-	-	-
137.8	206.1*	264.6*	-	-	-	-	-	-	-
144.4	195.1*	284.4	-	-	-	-	-	280.0	-
150.9	184.1*	282.2	-	-	-	-	-	280.0	-
164.0	164.2*	275.6	-	-	-	-	-	280.0	-
177.2	146.6*	266.8	-	-	-	-	-	280.0	-
190.3	131.2*	260.1	-	-	-	-	-	280.0	-
203.4	116.8*	251.3	-	-	-	-	-	280.0	-
216.5	105.6*	244.7	-	-	-	-	-	280.0	-
229.7	94.4*	235.9	-	-	-	-	-	275.6	-
242.8	84.4*	229.3	-	-	-	-	-	271.2	-
249.3	79.6*	227.1	271.2	-	-	-	-	267.9	-
255.9	75.4*	222.7	271.2	-	-	-	-	264.6	-
269.0	67.2*	217.2	269.0	-	-	-	-	260.1	-
275.6	63.3*	213.8	266.8	-	-	-	-	257.9	-
282.2	35.4	211.1	266.8	-	-	-	-	255.7	-
295.3	29.3	205.0	262.4	-	-	-	-	249.1	-
301.8	26.5	201.7	260.1	-	-	-	-	246.9	-
308.4	-	-	257.9	-	-	-	-	244.7	-
321.5	-	-	253.5	-	-	-	-	235.9	-
334.6	-	-	249.1	-	-	-	-	227.1	-
347.8	-	-	242.5	229.3	-	-	-	222.7	-
360.9	-	-	238.1	229.3	-	-	-	217.2	-
374.0	-	-	-	227.1	-	-	-	207.2	-
387.1	-	-	-	216.1	-	-	-	188.5	-
400.3	-	-	-	206.1	-	-	-	172.0	-
413.4	-	-	-	196.2	-	-	-	155.4	-
419.9	-	-	-	191.8	-	-	-	148.3	-
426.5	-	-	-	-	-	-	-	141.1	-
433.1	-	-	-	-	137.8	-	-	134.5	-
439.6	-	-	-	-	134.5	-	-	127.9	-
452.8	-	-	-	-	126.8	-	-	116.8	-
465.9	-	-	-	-	121.3	-	-	100.5	-
472.4	-	-	-	-	119.0	-	-	92.4	-
479.0	-	-	-	-	-	-	-	84.2	-
492.1	-	-	-	-	-	-	-	68.6	-
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

Operation

SWSL, SFSL

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									
0 lb 0 lb - 1411,000 lb SFSL									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	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	-

354.3 ft + 354.3 ft									
0 lb 0 lb - 1411,000 lb SFSL									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	1,000 lb								
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	-	-	-	-

	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

Operation

SWSL, SFSL

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									

	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

Operation

SWSL, SFSL

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										SWSL									
SFSL										SFSL									
0 lb										0 lb - 1411,000 lb									
0 lb										0 lb - 1411,000 lb									
88°/85° 88°/85° 75° 65° 55° 45° 15°										88°/85° 88°/85° 75° 65° 55° 45° 15°									
1,000 lb										1,000 lb									
108.3	-	288.8*	-	-	-	-	-	-	-	121.4	-	229.3*	-	-	-	-	-	-	-
111.5	-	284.4*	-	-	-	-	-	-	-	124.7	-	229.3*	-	-	-	-	-	-	-
118.1	222.7*	280.0*	-	-	-	-	-	-	-	131.2	160.9*	224.9*	-	-	-	-	-	-	-
124.7	206.1*	275.6*	-	-	-	-	-	-	-	137.8	148.8*	220.5*	-	-	-	-	-	-	-
137.8	178.6*	293.2	-	-	-	-	-	-	295.4	150.9	126.8*	235.9	-	-	-	-	-	238.1	-
150.9	155.4*	284.4	-	-	-	-	-	-	295.4	164.0	108.9*	229.3	-	-	-	-	-	235.9	-
164.0	136.7*	275.6	-	-	-	-	-	-	295.4	177.2	93.9*	222.7	-	-	-	-	-	235.9	-
177.2	120.2*	264.6	-	-	-	-	-	-	295.4	190.3	80.7*	215.0	-	-	-	-	-	235.9	-
190.3	105.4*	255.7	-	-	-	-	-	-	293.2	203.4	68.6*	207.2	-	-	-	-	-	235.9	-
203.4	92.2*	246.9	-	-	-	-	-	-	291.0	216.5	57.8*	200.6	-	-	-	-	-	233.7	-
216.5	80.9*	235.9	-	-	-	-	-	-	288.8	229.7	48.3*	192.9	-	-	-	-	-	230.6	-
229.7	71.4*	229.3	-	-	-	-	-	-	284.4	232.9	46.1*	191.3	-	-	-	-	-	229.7	-
242.8	63.9*	220.5	282.2	-	-	-	-	-	280.0	242.8	-	186.3	-	-	-	-	-	227.1	-
249.3	53.8*	217.2	277.8	-	-	-	-	-	277.2	255.9	-	179.7	-	-	-	-	-	223.8	-
255.9	-	213.8	275.6	-	-	-	-	-	274.5	262.5	-	176.4	224.9	-	-	-	-	222.1	-
269.0	-	206.1	269.0	-	-	-	-	-	269.0	269.0	-	173.1	222.7	-	-	-	-	220.5	-
282.2	-	-	262.4	-	-	-	-	-	262.4	282.2	-	166.4	218.3	-	-	-	-	216.1	-
295.3	-	-	253.5	-	-	-	-	-	255.7	285.4	-	164.8	217.2	-	-	-	-	215.0	-
308.4	-	-	246.9	-	-	-	-	-	250.2	295.3	-	160.4	213.8	-	-	-	-	211.6	-
321.5	-	-	240.3	-	-	-	-	-	244.7	305.1	-	156.5	209.4	-	-	-	-	207.9	-
328.1	-	-	235.9	-	-	-	-	-	241.8	308.4	-	-	208.3	-	-	-	-	206.7	-
334.6	-	-	-	-	-	-	-	-	238.8	321.5	-	-	202.8	-	-	-	-	201.7	-
344.5	-	-	-	235.9	-	-	-	-	232.6	334.6	-	-	197.3	-	-	-	-	196.7	-
347.8	-	-	-	233.7	-	-	-	-	229.3	347.8	-	-	191.8	-	-	-	-	191.8	-
360.9	-	-	-	229.3	-	-	-	-	221.6	360.9	-	-	187.4	-	-	-	-	187.4	-
374.0	-	-	-	224.9	-	-	-	-	216.1	367.5	-	-	185.2	-	-	-	-	185.2	-
387.1	-	-	-	218.3	-	-	-	-	199.5	370.7	-	-	-	186.3	-	-	-	183.5	-
393.7	-	-	-	215.0	-	-	-	-	191.3	374.0	-	-	-	184.1	-	-	-	181.9	-
400.3	-	-	-	-	-	-	-	-	183.0	387.1	-	-	-	180.8	-	-	-	172.5	-
413.4	-	-	-	-	-	-	-	-	163.7	400.3	-	-	-	177.5	-	-	-	167.6	-
426.5	-	-	-	-	-	-	-	-	144.4	413.4	-	-	-	173.1	-	-	-	156.0	-
439.6	-	-	-	-	-	-	-	-	126.7	426.5	-	-	-	168.7	-	-	-	144.4	-
452.8	-	-	-	-	-	-	-	-	108.9	433.1	-	-	-	166.4	-	-	-	135.9	-
465.9	-	-	-	-	-	-	-	-	92.2	439.6	-	-	-	-	-	-	-	127.3	-
479.0	-	-	-	-	-	-	-	-	75.8	452.8	-	-	-	-	-	-	-	110.2	-
492.1	-	-	-	-	-	-	-	-	60.3	465.9	-	-	-	-	-	-	-	94.5	-
495.4	-	-	-	-	-	-	-	-	56.4	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

Operation

SWSL, SFSL

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									
SWSL SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft									
1,000 lb									
134.5	-	181.9*	-	-	-	-	-	-	-
137.8	-	180.8*	-	-	-	-	-	-	-
144.4	111.3*	177.5*	-	-	-	-	-	-	-
150.9	103.0*	175.3*	-	-	-	-	-	-	-
164.0	84.4*	187.4	-	-	-	-	-	187.4	-
177.2	69.9*	183.0	-	-	-	-	-	187.4	-
190.3	56.7*	177.5	-	-	-	-	-	187.4	-
203.4	45.0*	172.0	-	-	-	-	-	186.3	-
216.5	-	166.4	-	-	-	-	-	186.3	-
229.7	-	159.8	-	-	-	-	-	183.8	-
242.8	-	154.3	-	-	-	-	-	181.9	-
255.9	-	148.8	-	-	-	-	-	179.7	-
269.0	-	143.3	-	-	-	-	-	177.5	-
282.2	-	137.8	175.3	-	-	-	-	174.2	-
295.3	-	132.8	173.1	-	-	-	-	170.9	-
308.4	-	127.3	169.8	-	-	-	-	167.0	-
321.5	-	121.3	166.4	-	-	-	-	163.1	-
334.6	-	114.6	163.1	-	-	-	-	159.3	-
341.2	-	111.3	160.9	-	-	-	-	157.4	-
347.8	-	-	158.7	-	-	-	-	155.4	-
360.9	-	-	155.4	-	-	-	-	151.0	-
374.0	-	-	151.0	-	-	-	-	146.6	-
387.1	-	-	147.7	-	-	-	-	143.3	-
400.3	-	-	143.3	143.3	-	-	-	135.6	-
406.8	-	-	141.1	141.1	-	-	-	133.7	-
413.4	-	-	-	140.0	-	-	-	131.7	-
426.5	-	-	-	136.7	-	-	-	127.9	-
439.6	-	-	-	134.5	-	-	-	122.9	-
452.8	-	-	-	131.2	-	-	-	117.9	-
465.9	-	-	-	127.9	-	-	-	102.7	-
479.0	-	-	-	-	-	-	-	87.5	-
492.1	-	-	-	-	-	-	-	73.1	-
518.4	-	-	-	-	-	-	-	45.0	-

374.0 ft + 354.3 ft									
SWSL SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft									
1,000 lb									
147.6	-	140.0*	-	-	-	-	-	-	-
150.9	-	138.9*	-	-	-	-	-	-	-
157.5	67.9*	135.6*	-	-	-	-	-	-	-
164.0	60.2*	133.4*	-	-	-	-	-	-	-
177.2	46.3*	126.8*	-	-	-	-	-	-	-
180.4	-	143.3	-	-	-	-	-	144.4	-
190.3	-	141.1	-	-	-	-	-	144.4	-
203.4	-	136.7	-	-	-	-	-	143.3	-
216.5	-	133.4	-	-	-	-	-	143.3	-
229.7	-	129.0	-	-	-	-	-	141.7	-
242.8	-	124.6	-	-	-	-	-	141.1	-
255.9	-	119.0	-	-	-	-	-	139.4	-
269.0	-	114.6	-	-	-	-	-	137.8	-
282.2	-	110.2	-	-	-	-	-	135.6	-
295.3	-	105.3	-	-	-	-	-	133.4	-
305.1	-	101.2	132.3	-	-	-	-	130.9	-
308.4	-	99.9	131.2	-	-	-	-	130.1	-
321.5	-	94.6	130.1	-	-	-	-	126.8	-
334.6	-	89.3	127.9	-	-	-	-	123.5	-
347.8	-	84.1	125.7	-	-	-	-	120.2	-
357.6	-	80.2	123.5	-	-	-	-	117.7	-
360.9	-	78.9	122.4	-	-	-	-	116.8	-
374.0	-	73.7	120.2	-	-	-	-	113.5	-
380.6	-	71.2	119.0	-	-	-	-	112.4	-
387.1	-	-	116.8	-	-	-	-	111.0	-
400.3	-	-	114.6	-	-	-	-	108.0	-
413.4	-	-	111.3	-	-	-	-	104.8	-
426.5	-	-	109.1	106.3	-	-	-	98.1	-
439.6	-	-	106.0	103.0	-	-	-	94.8	-
446.2	-	-	104.7	102.1	-	-	-	93.1	-
452.8	-	-	-	101.4	-	-	-	91.5	-
465.9	-	-	-	99.9	-	-	-	87.4	-
479.0	-	-	-	97.9	-	-	-	83.3	-
492.1	-	-	-	95.7	-	-	-	72.0	-
505.3	-	-	-	93.3	-	-	-	60.6	-
518.4	-	-	-	-	-	-	-	47.6	-
521.7	-	-	-	-	-	-	-	44.3	-

	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 + 374.0 ft									
SWSL SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft									
1,000 lb									
160.8	-	99.4*	-	-	-	-	-	-	-
164.0	-	98.3*	-	-	-	-	-	-	-
177.2	-	94.1*	-	-	-	-	-	-	-
190.3	-	89.3*	-	-	-	-	-	-	-
193.6	-	105.8	-	-	-	-	-	106.0	-
203.4	-	103.8	-	-	-	-	-	105.6	-
216.5	-	101.0	-	-	-	-	-	104.9	-
229.7	-	97.9	-	-	-	-	-	104.4	-
242.8	-	93.9	-	-	-	-	-	103.8	-
255.9	-	90.2	-	-	-	-	-	102.5	-
269.0	-	86.0	-	-	-	-	-	101.2	-
282.2	-	81.4	-	-	-	-	-	99.5	-
295.3	-	76.9	-	-	-	-	-	97.9	-
308.4	-	72.4	-	-	-	-	-	96.0	-
311.7	-	71.3	-	-	-	-	-	95.5	-
321.5	-	67.9	-	-	-	-	-	93.9	-
324.8	-	66.8	94.4	-	-	-	-	93.3	-
334.6	-	63.5	93.5	-	-	-	-	91.3	-
347.8	-	59.1	92.6	-	-	-	-	88.6	-
360.9	-	54.7	91.3	-	-	-	-	86.0	-
374.0	-	50.3	89.3	-	-	-	-	83.3	-
387.1	-	45.9	87.3	-	-	-	-	80.7	-
390.4	-	44.8	86.9	-	-	-	-	80.0	-
400.3	-	-	85.3	-	-	-	-	78.0	-
413.4	-	-	83.6	-	-	-	-	75.4	-
426.5	-	-	81.4	-	-	-	-	72.8	-
439.6	-	-	79.1	-	-	-	-	70.1	-
449.5	-	-	77.6	-	-	-	-	68.1	-
452.8	-	-	77.2	71.0	-	-	-	-	-
465.9	-	-	75.0	68.6	-	-	-	-	-
479.0	-	-	72.8	67.9	-	-	-	-	-
492.1	-	-	-	67.2	-	-	-	-	-
518.4	-	-	-	65.0	-	-	-	-	-
531.5	-	-	-	63.5	-	-	-	-	-
544.6	-	-	-	61.7	-	-	-	-	-

393.7 ft + 196.9 ft									
SWSL SFSL 0 lb 0 lb - 1411,000 lb 88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft									
1,000 lb									
95.1	-	319.7*	-	-	-	-	-	-	-
98.4	-	317.5*	-	-	-	-	-	-	-
105.0	291.0*	310.9*	-	-	-	-	-	-	-
111.5	273.4*	306.4*	-	-	-	-	-	-	-
124.7	238.1*	328.5	-	-	-	-	-	328.5	-
137.8	208.3*	315.3	-	-	-	-	-	328.5	-
150.9	183.0*	304.2	-	-	-	-	-	326.3	-
164.0	160.9*	291.0	-	-	-	-	-	326.3	-
177.2	141.1*	280.0	-	-	-	-	-	324.1	-
190.3	124.6*	269.0	-	-	-	-	-	319.7	-
203.4	111.3*	257.9	-	-	-	-	-	315.3	-
213.3	95.5*	251.3	-	-	-	-	-	312.0	-
216.5	65.3	249.1	-	-	-	-	-	310.9	-
226.4	59.0	242.5	306.4	-	-	-	-	305.1	-
229.7	57.1	240.3	304.2	-	-	-	-	303.1	-
232.9	55.3	238.1	302.0	-	-	-	-	301.2	-
242.8	-	-	295.4	-	-	-	-	295.4	-
255.9	-	-	284.4	-	-	-	-	287.7	-
269.0	-	-	275.6	-	-	-	-	280.0	-
282.2	-	-	266.8	-	-	-	-	272.3	-
295.3	-	-	257.9	-	-	-	-	264.6	-
301.8	-	-	253.5	-	-	-	-	260.7	-
308.4	-	-	-	-	-	-	-	256.8	-
321.5	-	-	-	-	-	-	-	249.1	-
328.1	-	-	-	246.9	-	-	-	244.7	-
334.6	-	-	-	242.5	-	-	-	240.3	-
347.8	-	-	-	233.7	-	-	-	231.5	-
360.9	-	-	-	224.9	-	-	-	218.3	-
374.0	-	-	-	-	-	-	-	209.4	-
387.1	-	-	-	-	-	-	-	187.9	-
400.3	-	-	-	-	-	-	-	166.4	-
413.4	-	-	-	-	-	-	-	147.7	-
426.5	-	-	-	-	-	-	-	131.2	-
439.6	-	-	-	-	-	-	-	114.4	-
452.8	-	-	-	-	-	-	-	97.7	-
465.9	-	-	-	-	-	-	-	80.6	-
475.7	-	-	-	-	-	-	-	67.7	-

	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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Operation

SWSL, SFSL

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									
0 lb 0 lb - 1411,000 lb SFSL									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft	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	-

ft	1,000 lb								
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
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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

Operation

SWSL, SFSL

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									
0 lb 0 lb - 1411,000 lb 15°									
88°/85° 88°/85° 75° 65° 55° 45° 15°									
ft			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	-

ft			1,000 lb						
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
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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

Operation

SWSL, SFSL

 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°		 15°			
ft		1,000 lb							
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
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19.7 ft steps of luffing jib is standard

* Main boom angle 88°

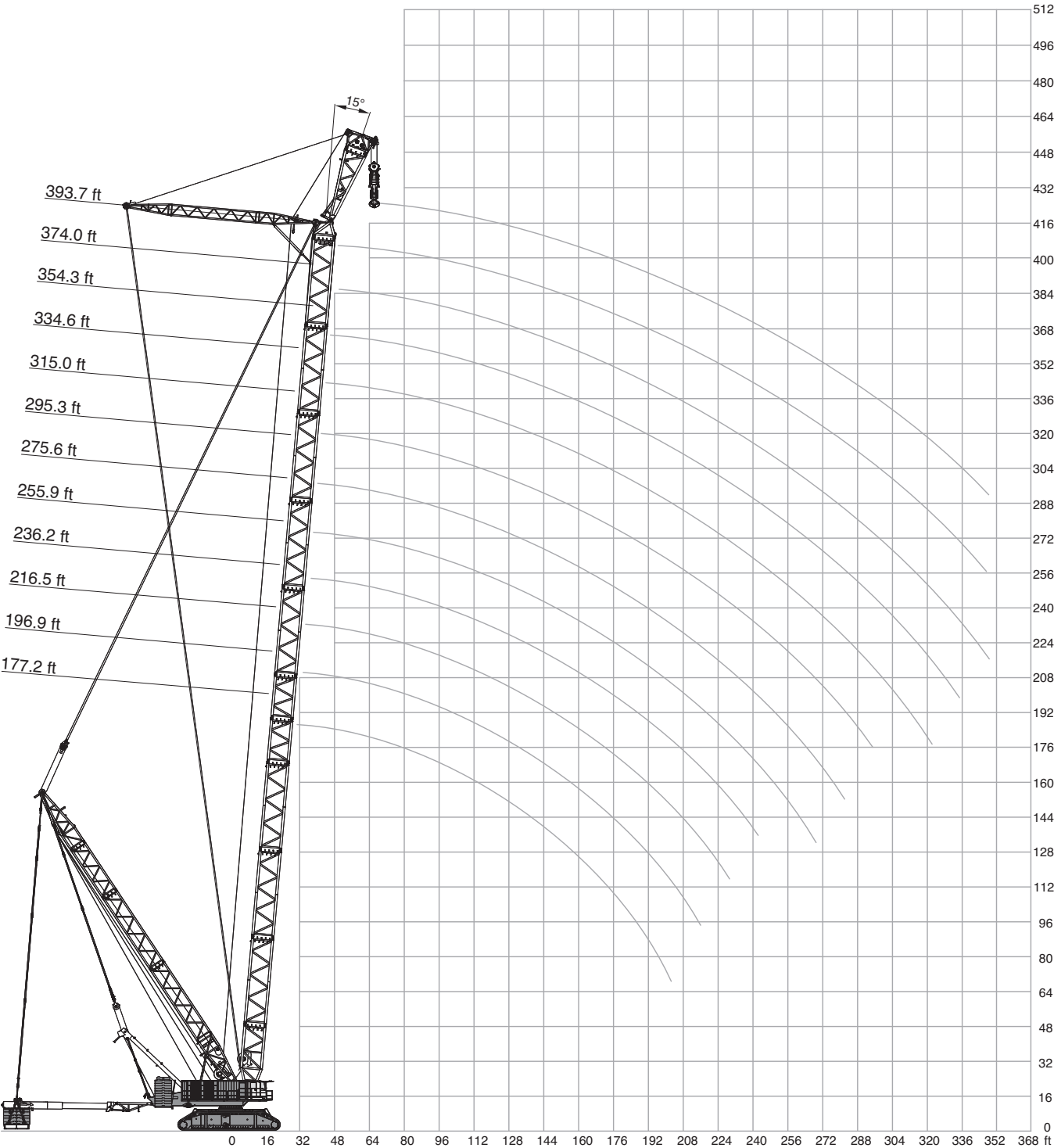
Main boom angle 88°, 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

	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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Notes

FIXED FLY JIB WITH SL





Operation

SFVL

 650,500 lb +  132,300 lb  62.3-98.4 ft  39.4 ft  15°  34.5 ft  32.2 ft/s 360° ASME B30.5														
 177.2 ft 196.9 ft 216.5 ft 236.2 ft 255.9 ft 275.6 ft 295.3 ft 315.0 ft 334.6 ft 354.3 ft 374.0 ft 393.7 ft 														
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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Notes to Lifting Capacity

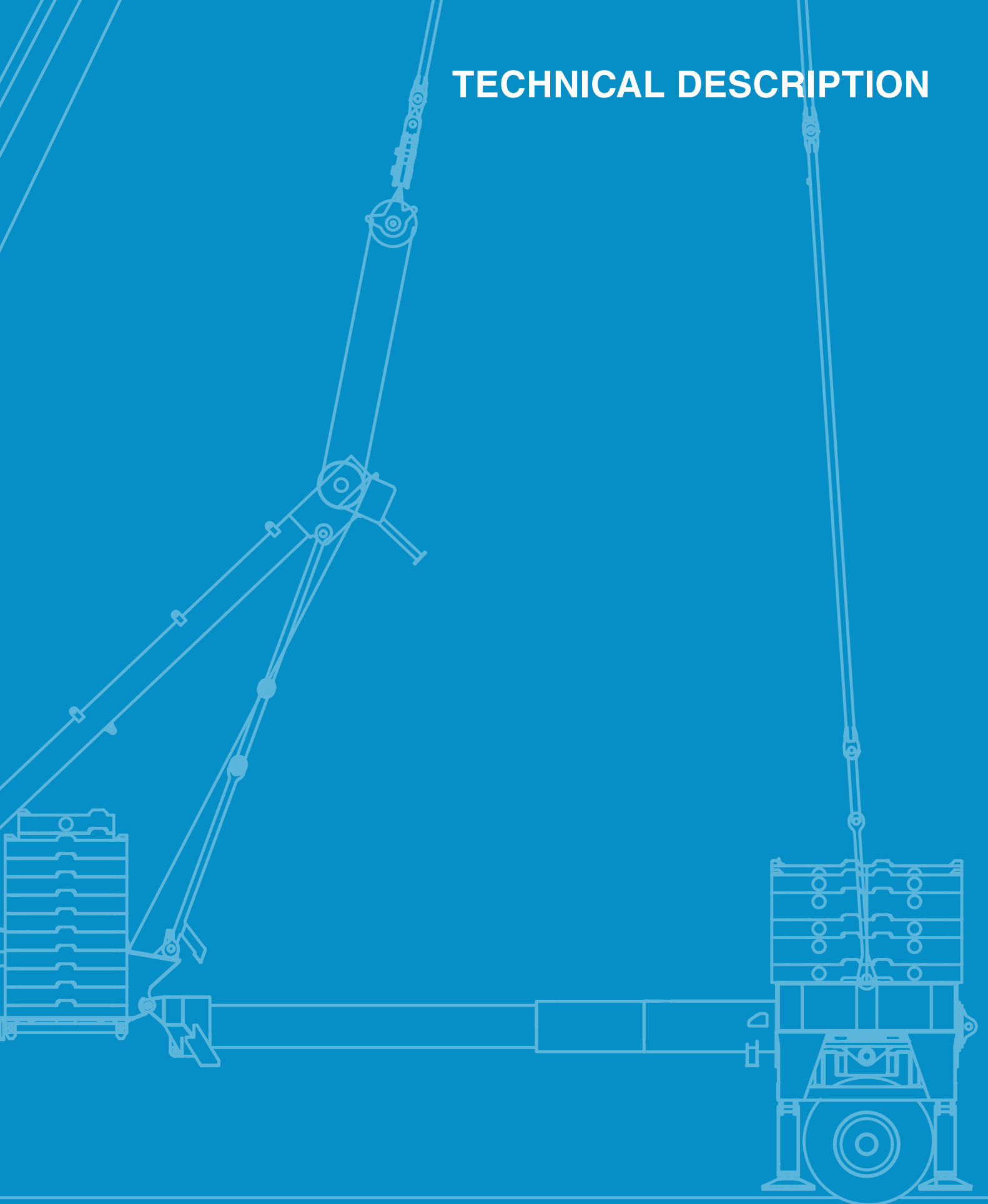
Ratings are in compliance with EN 13000. They do not exceed 75% of tipping load, according to ASME B30.5.

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.

TECHNICAL DESCRIPTION



Technical Description

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.

Carbody	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.
Drive EU Stage V/EPA Tier 4f	Two Mercedes-Benz diesel engines, type OM471 LA, 6 cylinder, 2 x 390 kW (2 x 523 HP) at 1600 1/min, torque 2600 Nm at 1300 1/min. The engines comply with emission standard EU Stage V / EPA Tier 4f. Both independent drive units including pump distribution gearbox, overall seven variable displacement axial piston pumps and additional gear pumps are installed in a drive container. Cabin, electrical system and electric generators are integrated in the drive container. Stainless steel exhaust system with SCR catalyzer and spark arrestor certificate. Fuel: 1 x 528 gallons, AdBlue: 2 x 25 gallons.
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.

Technical Description

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.
SFSL	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.
Optional equipment	
Engine ECE R96	Optional for non-regulated markets: Two Mercedes-Benz diesel engines, type OM471LA, 6 cylinder, 2 x 390 kW (2 x 523 HP) at 1700 1/min, torque 2460 Nm at 1300 1/min. The engines comply with emission standard ECE R96 (similar to EU Stage III / EPA Tier 3). Stainless steel exhaust system with spark arrestor certificate. Fuel: 1 x 528 gallons.
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.
Runner equipment 5.25 ft – 77,200 lb	For 1 line, mounted on light fixed jib (LF). Distance to sheave set in steep boom position approx. 5.25 ft. Lifting capacity: max. 77,200 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.

Notes

Notes

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