



CC 6800

1375 USt capacity

Crawler crane

Datasheet

imperial



CC 6800

WORKS FOR YOU.™

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Track



Counterweight + central ballast (ZB)



Superlift counterweight



Superlift radius



Possible load of hook block



Weight of hook block



Load radius



Main boom



Fly jib



Main boom angle



Fly jib angle



Wind speed in ft/s (feet per second)

"D"



S: heavy

L: light

H: Main boom

W: Luffing fly jib

F: Fixed fly jib

SL: Superlift

V: Vessellift

SGL: Heavy base length



Central ballast

- ▶ Excellent lifting capacities throughout all working ranges, especially with luffing fly jib
- ▶ Max. load moment 114.700 ft-kips (2185,000 lb@52.5 ft)
- ▶ Two redundant operating drivelines
- ▶ Highly simplified assembly processes for short rigging times
- ▶ Hydraulic quick-connection
- ▶ Innovative IC-1 crane control system with touchscreen
- ▶ Superlift radius infinitely variable during operation from 49.2 – 78.7 ft (+ 78.7 – 98.4 ft)
- ▶ Variable offset of main boom with SW and SWSL configurations
- ▶ Powerful Quadro-Drive as standard
- ▶ Hydraulic assisted pinning of boom sections is standard
- ▶ PC outrigger optional



Working speeds (infinitely variable)

Mechanism		Rope ø	Speeds ¹⁾	Single line pull	Length of hoist rope
Hoist I+II	(H1+H2)	32 mm	max. 361 ft / min	51.700 lbf	4068 ft
Hoist III	(H3)	32 mm	max. 328 ft / min	51.700 lbf	2297 ft
Boom derricking	(W2)	32 mm	max. 361 ft / min		
Boom hoist	(E)	32 mm	max. 164 ft / min		
Jib luffing	(W1)	32 mm	max. 344 ft / min		
Slewing (rpm)			1,2		

¹⁾ top layer

Carrier performance

Travel speed	max. 0.68 mph
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SPECIFICATIONS

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Hook block system

Type	Possible load	Number of sheaves	Number of lines	Weight	„D“
2 x 625	2756,200 lb	2 x 15	2 x 31	64,000 lb	25.9 ft
	1389,200 lb	2 x 7	2 x 15	41,900 lb	19.4 ft
	1389,200 lb	15	31	41,900 lb	19.4 ft
	727,700 lb	7	15	19,800 lb	19.4 ft
1000	2205,000 lb	2 x 11	2 x 23	39,700 lb	22.0 ft
	1102,500 lb	2 x 5	2 x 11	24,300 lb	23.6 ft (21.3 ft*)
	1102,500 lb	11	23	17,600 lb	23.6 ft (21.3 ft*)
	551,200 lb	5	11	16,800 lb (12,800 lb*)	23.6 ft (19.7 ft*)
800	1764,000 lb	2 x 11	2 x 19	35,300 lb	21.3 ft
	1102,500 lb	2 x 5	2 x 11	24,300 lb	23.6 ft (21.3 ft*)
	1102,500 lb	11	23	17,600 lb	23.6 ft (21.3 ft*)
	551,200 lb	5	11	16,800 lb (12,800 lb*)	23.6 ft (19.7 ft*)

* with optional equipment 1102,500 lb hook

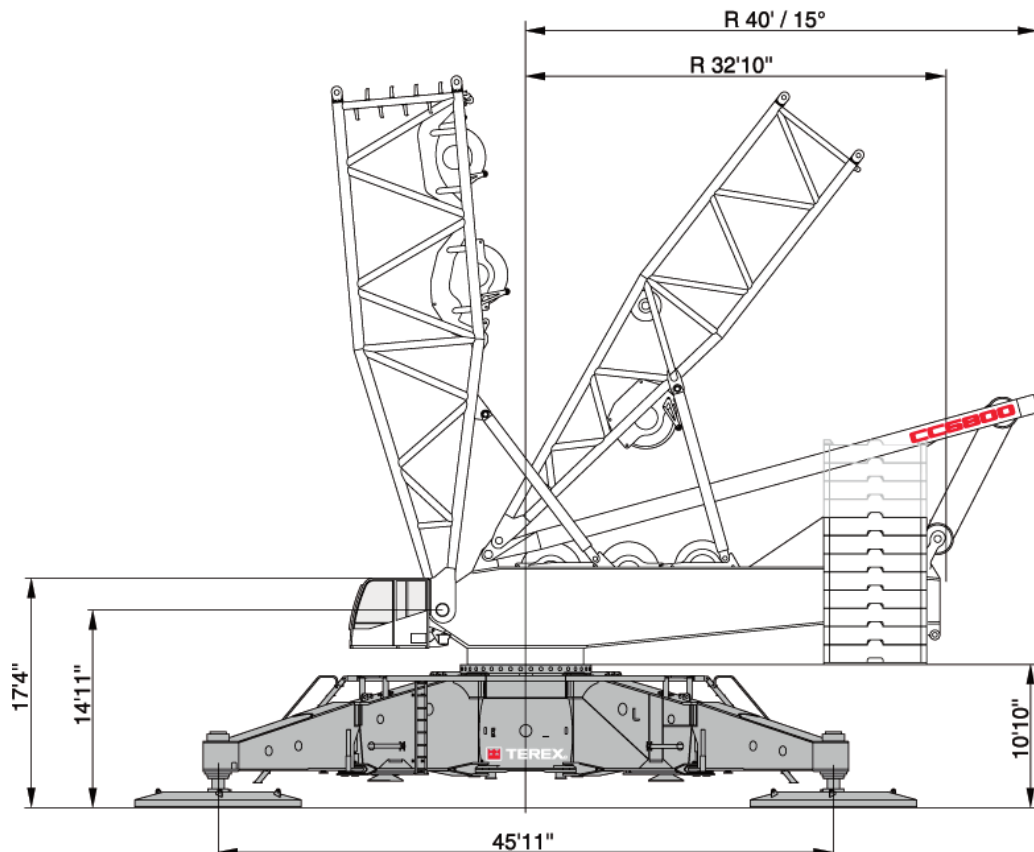
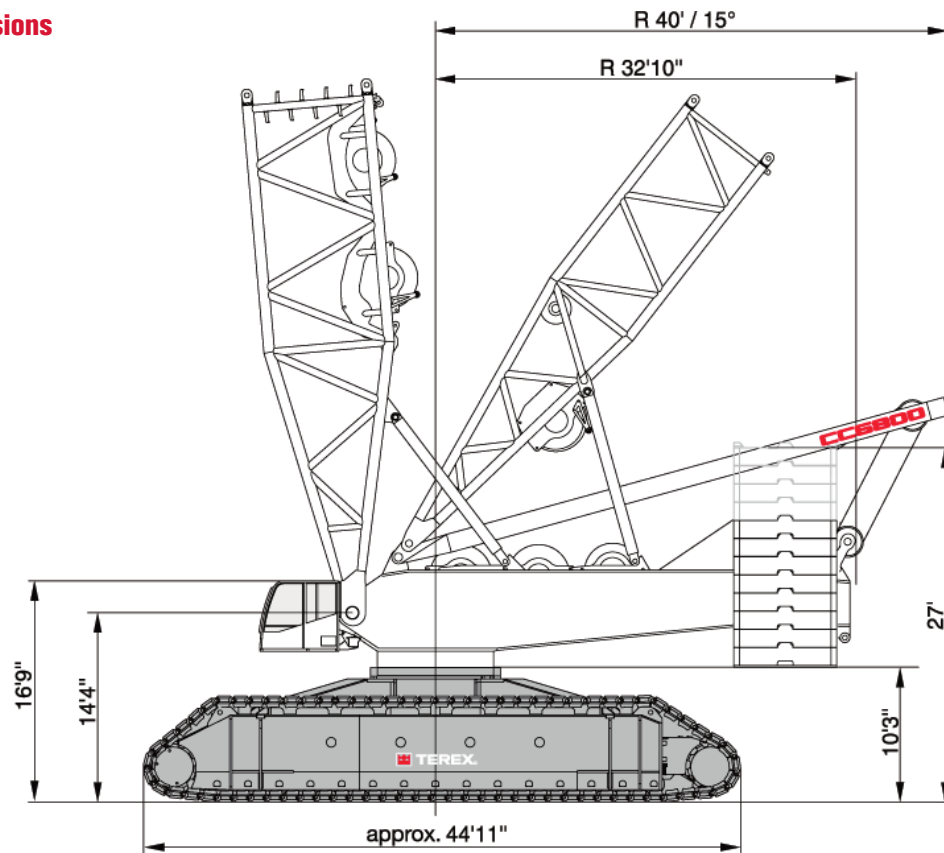
Hook block

Type	Possible load	Number of sheaves	Number of lines	Weight	„D“
2 x 125	551,200 lb	2 x 3	2 x 6	10,600 lb – 26,200 lb	17.7 ft
70	154,300 lb	1	3	8,600 lb	15.8 ft
25	50,700 lb	Single line hook	1	3,300 lb	13.1 ft

SPECIFICATIONS

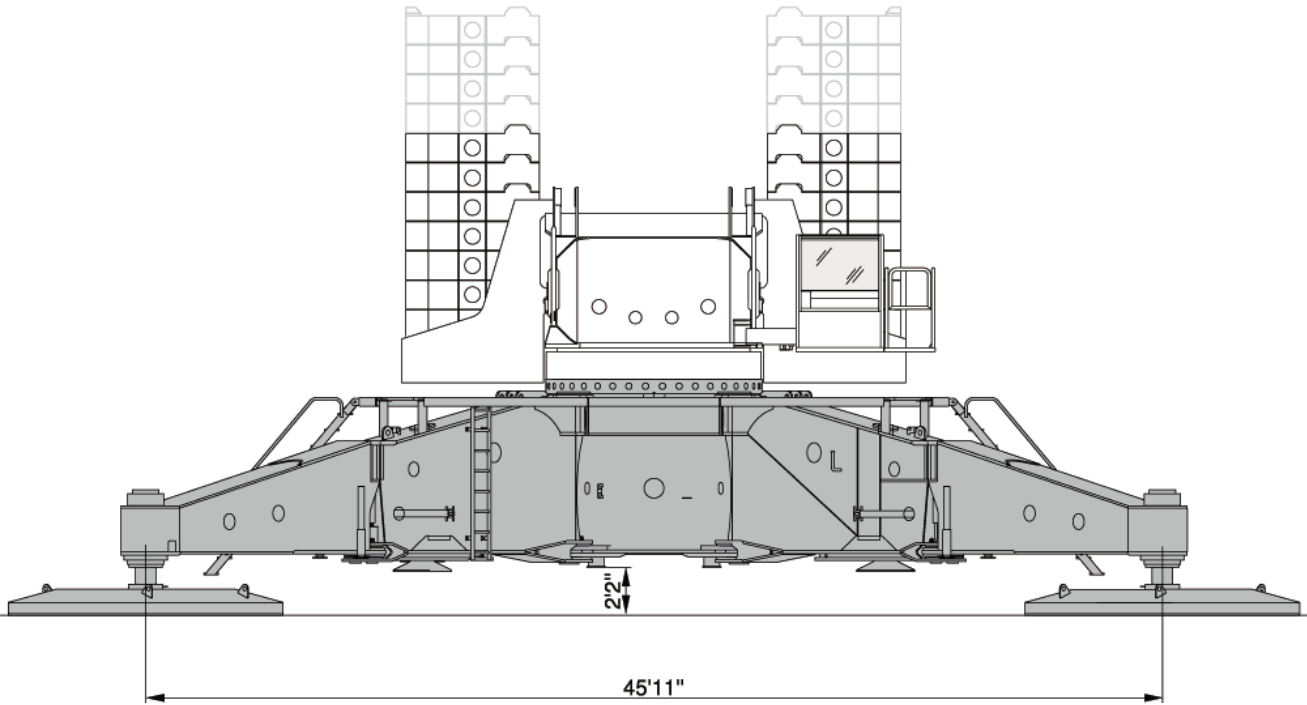
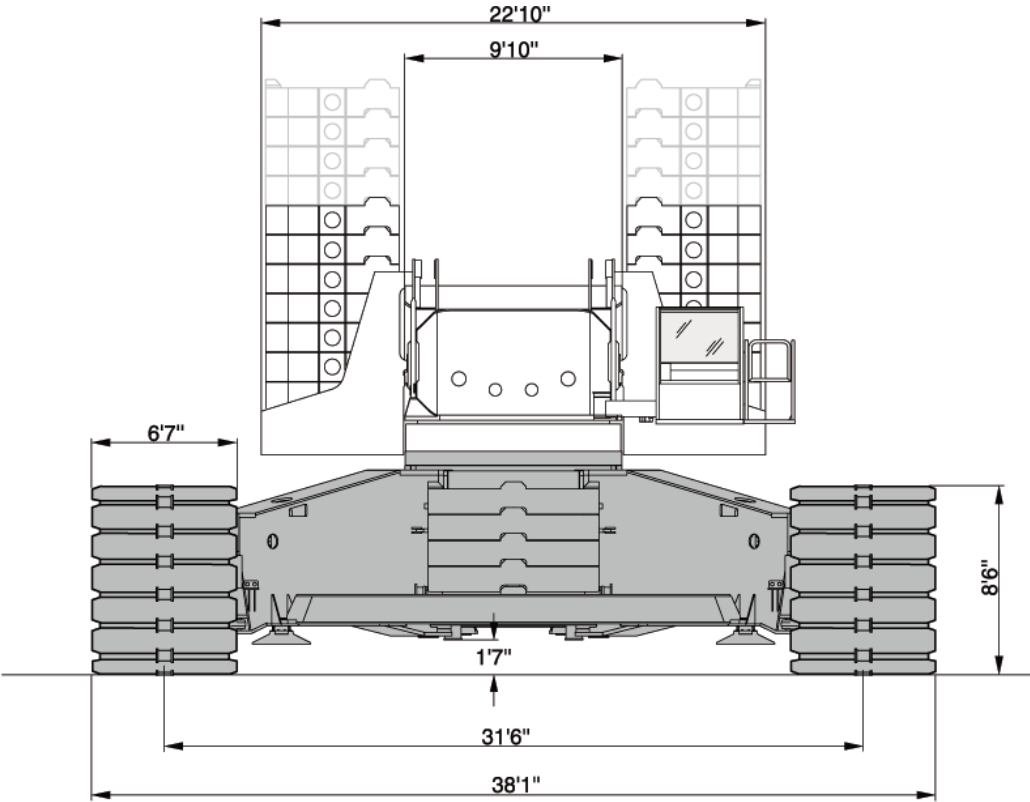
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Basic crane dimensions



SPECIFICATIONS

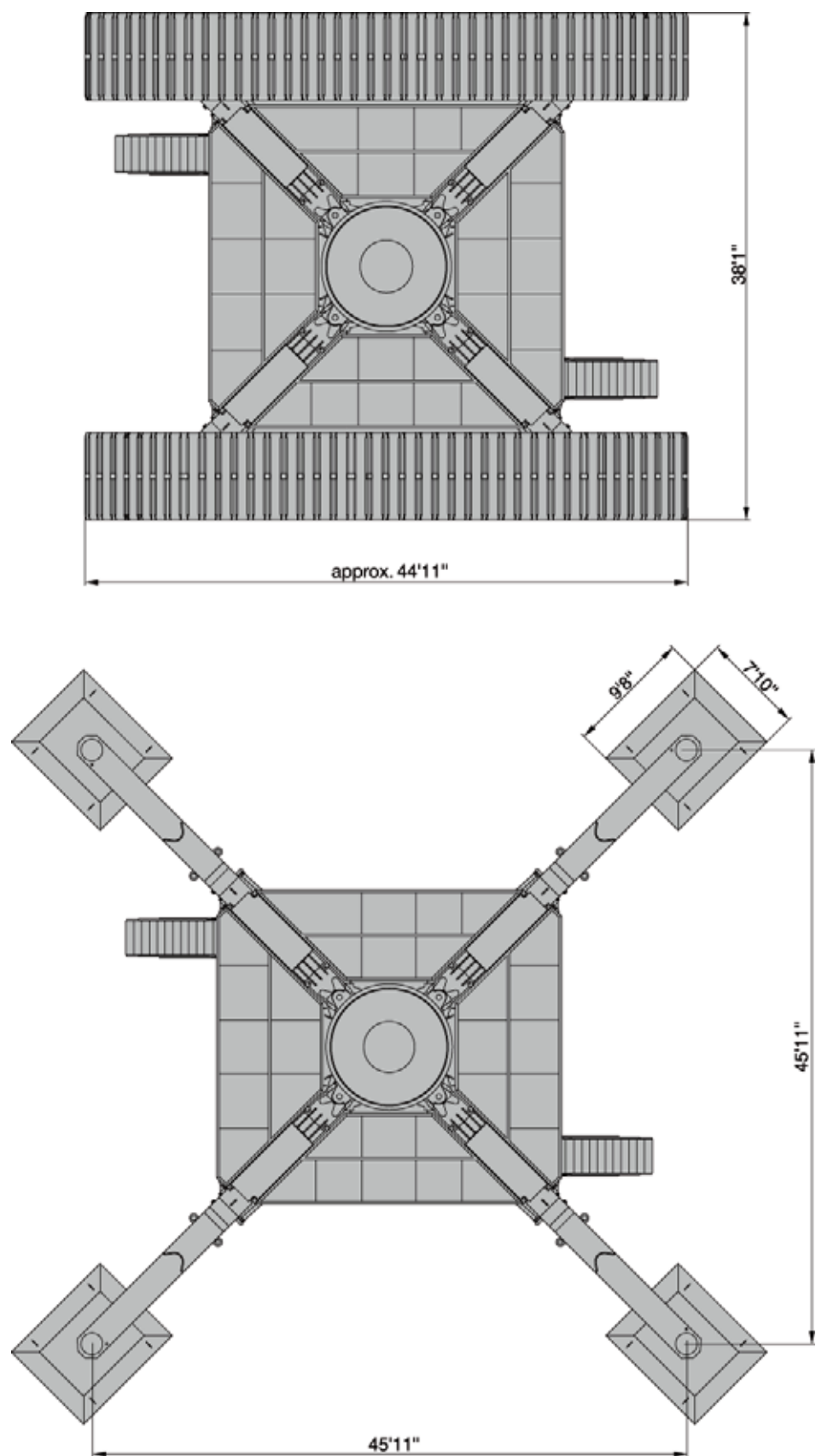
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TEREX®

SPECIFICATIONS

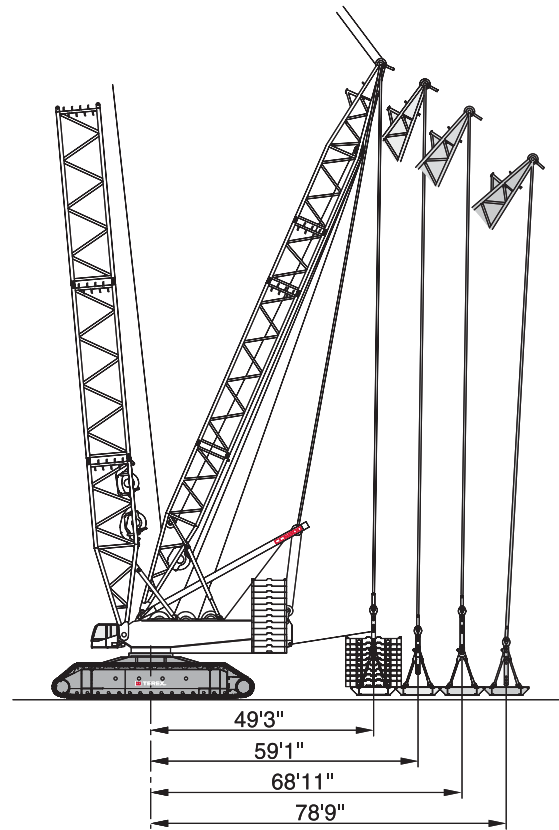
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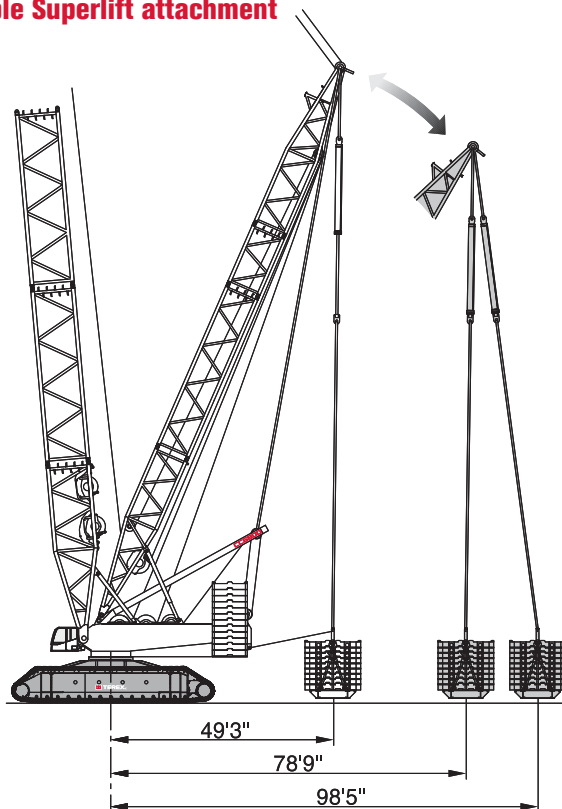
SUPERLIFT CONFIGURATIONS

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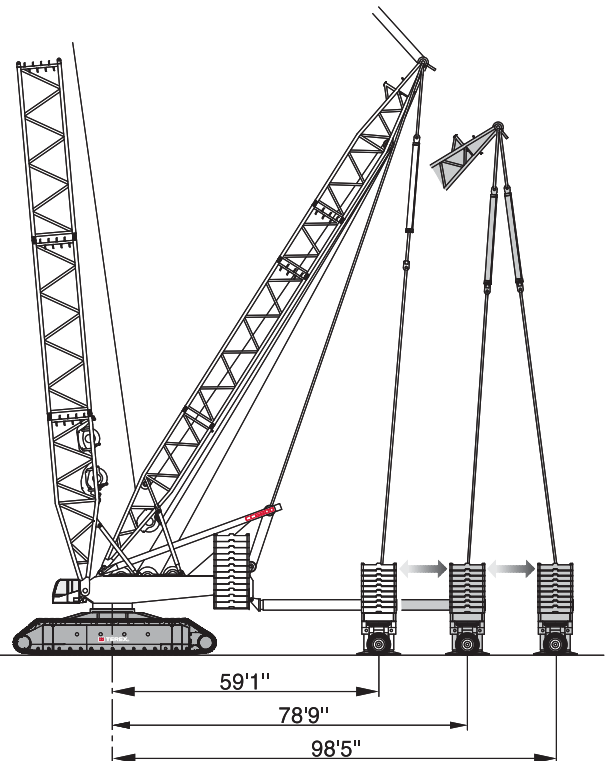
Standard Superlift attachment



Variable Superlift attachment



Superlift attachment with counterweight carrier



SPECIFICATIONS

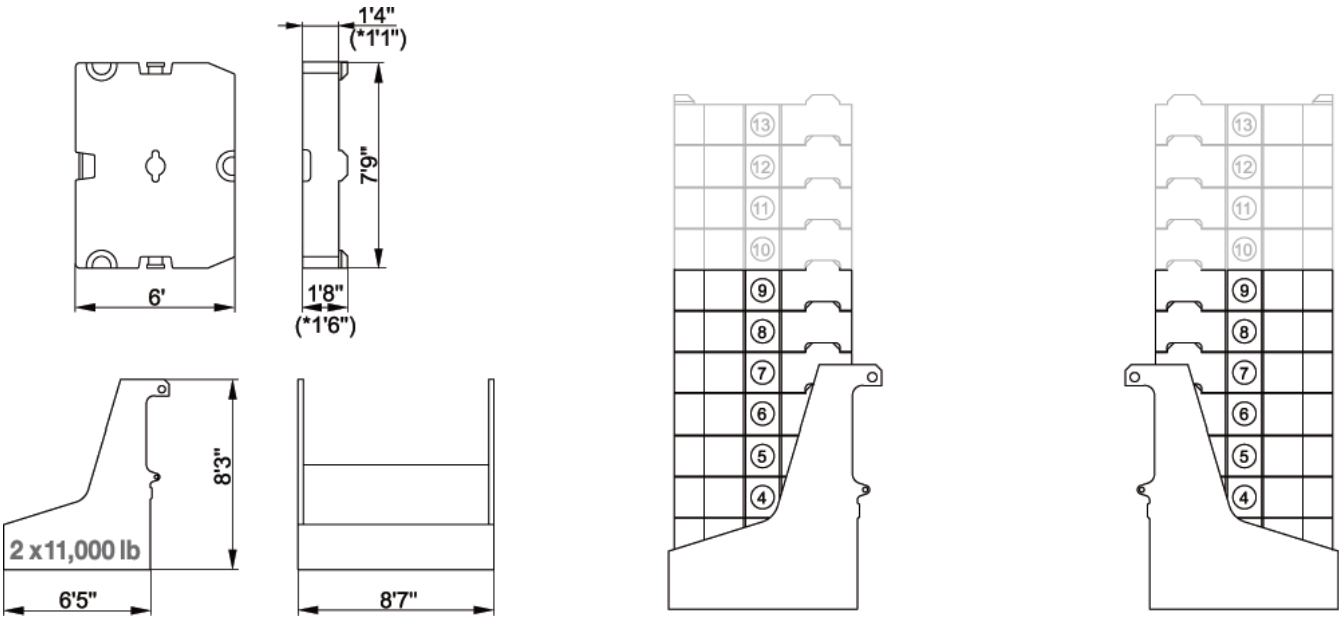
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Weights

Total weight incl. 374,800 lb counterweight, 118.1 ft boom and hook block	1234,800 lb
Superstructure (with 3 winches, A-frame and quick-connection)	218,300 lb
Superstructure without winches and A-frame	119,000 lb
Carbody with jacks and quick-connection	105,800 lb
Crawlers with track shoes (6' 7")	154,300 lb
Crawlers without track shoes	83,800 lb
Counterweight	374,800 lb

Counterweight

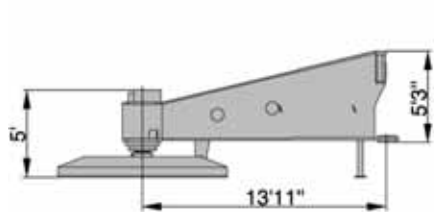
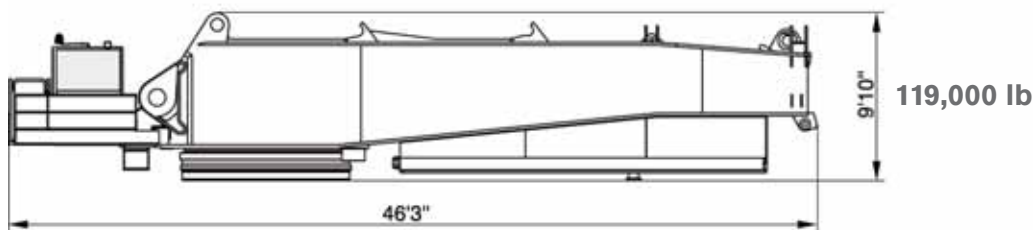
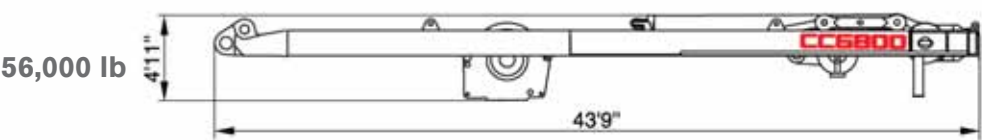
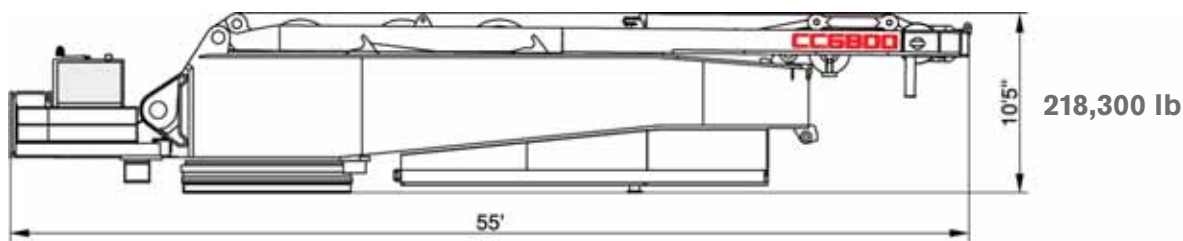
Central ballast



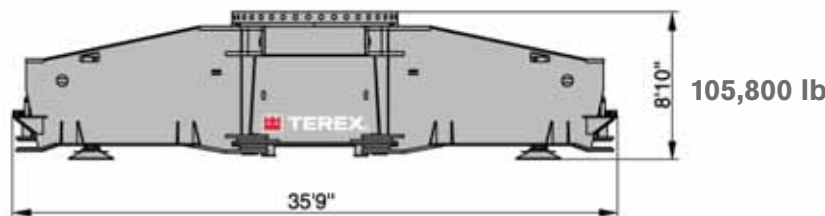
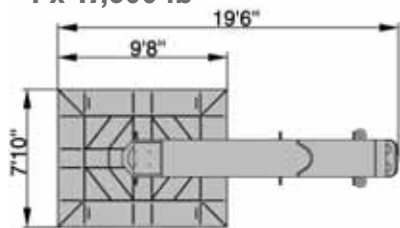
* Option

SPECIFICATIONS

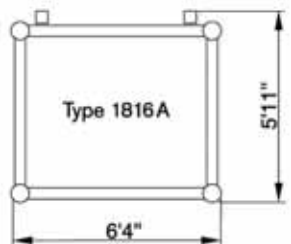
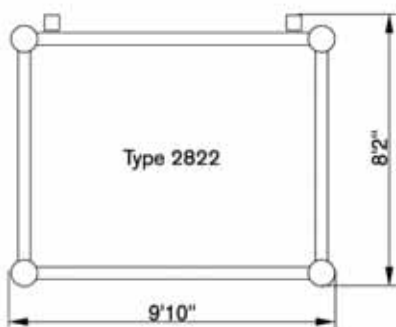
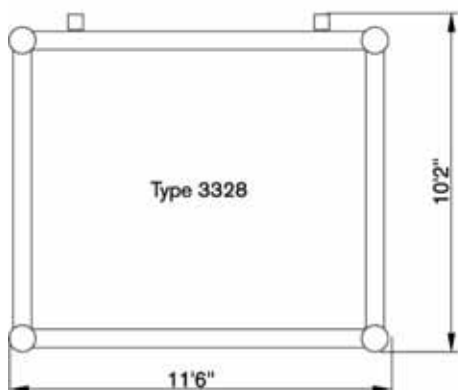
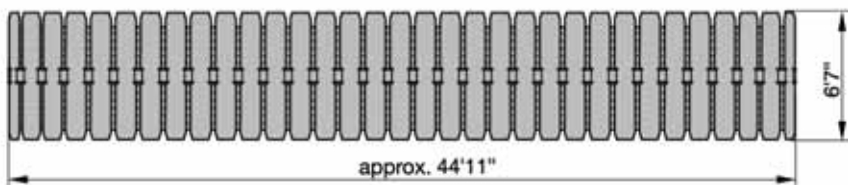
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4 x 17,600 lb



2 x 154,300 lb



ERECTION / LOWERING

CC 6800

Erection / lowering of the CC 6800 boom systems to the ground

374,800 – 551,200 lb +  0 – 176,400 lb																
Boom combination	Fly jib	Main boom														
		ft	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6	295.3	315.0	334.6	354.3	374.0
SH			X	X	X	X	X	X	X	[X]	[X]	[X]	[X]	–	–	–
SH+LF	49.2 ft		–	–	–	–	–	[X]	[X]	[X]	–	–	–	–	–	–
	68.9 ft		–	–	–	–	–	[X]	[X]	[X]	–	–	–	–	–	–
	88.6 ft		–	–	–	–	–	[X]	[X]	[X]	–	–	–	–	–	–
	108.3 ft		–	–	–	–	–	[X]	[X]	[X]	–	–	–	–	–	–
SH/LH			–	–	X	X	X	X	X	X	X	X	[X]	[X]	[X]	–
SH/LH+LF	49.2 ft		–	–	X	X	X	X	X	[X]	[X]	[X]	–	–	–	–
	68.9 ft		–	–	X	X	X	X	[X]	[X]	[X]	[X]	–	–	–	–
	88.6 ft		–	–	X	X	X	X	[X]	[X]	[X]	[X]	–	–	–	–
	108.3 ft		–	–	X	X	X	[X]	[X]	[X]	[X]	[X]	–	–	–	–
LH			–	–	X	X	X	X	X	X	X	X	X	X	[X]	[X]
SW  65°, 75°, 85°, 87°	78.7 ft		–	X	X	[X]	[X]	–	–	–	–	–	–	–	–	–
	98.4 ft		–	X	X	[X]	[X]	–	–	–	–	–	–	–	–	–
	118.1 ft		–	X	X	[X]	[X]	–	–	–	–	–	–	–	–	–
	137.8 ft		–	X	X	X	[X]	–	–	–	–	–	–	–	–	–
	157.5 ft		–	X	X	X	[X]	–	–	–	–	–	–	–	–	–
	177.2 ft		–	X	X	X	[X]	–	–	–	–	–	–	–	–	–
	196.9 ft		–	X	X	[X]	[X]	–	–	–	–	–	–	–	–	–
	216.5 ft		–	X	X	[X]	[X]	–	–	–	–	–	–	–	–	–
	236.2 ft		–	X	X	[X]	–	–	–	–	–	–	–	–	–	–
	255.9 ft		–	X	X	[X]	–	–	–	–	–	–	–	–	–	–
	275.6 ft		–	X	X	[X]	–	–	–	–	–	–	–	–	–	–
	295.3 ft		–	X	X	[X]	–	–	–	–	–	–	–	–	–	–
	315.0 ft		–	X	X	[X]	–	–	–	–	–	–	–	–	–	–

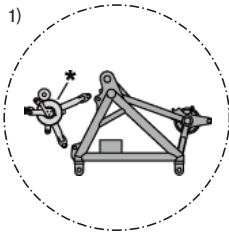
X without assisting equipment

[X] with additional side jack

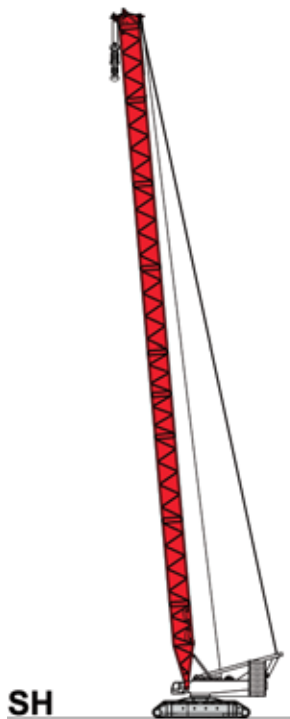
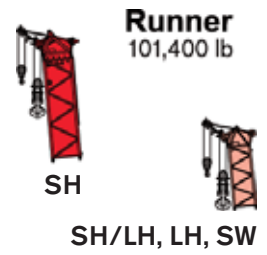
All Superlift combinations can be erected or lowered to the ground without assisting equipment.

BOOM COMBINATIONS

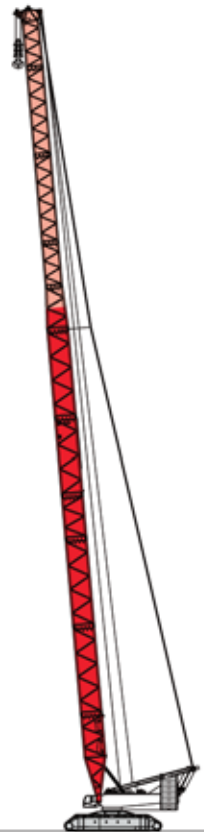
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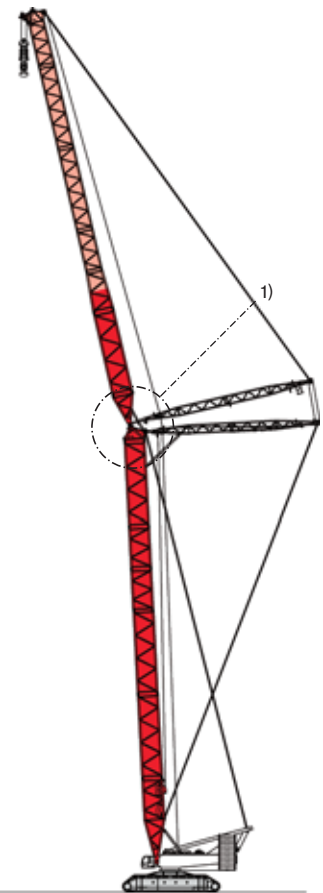
* Attachable



SH
HA 98.4ft .. 315.0ft



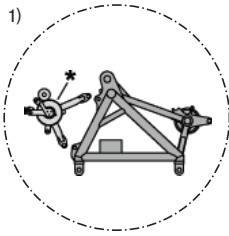
SH/LH
HA 157.5ft .. 354.3ft
LH
HA 137.8ft .. 374.0ft



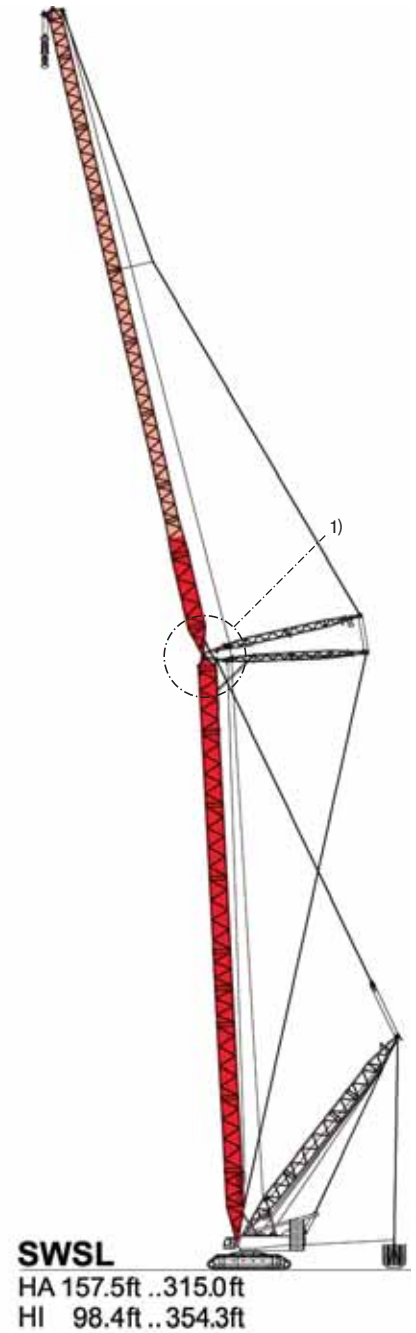
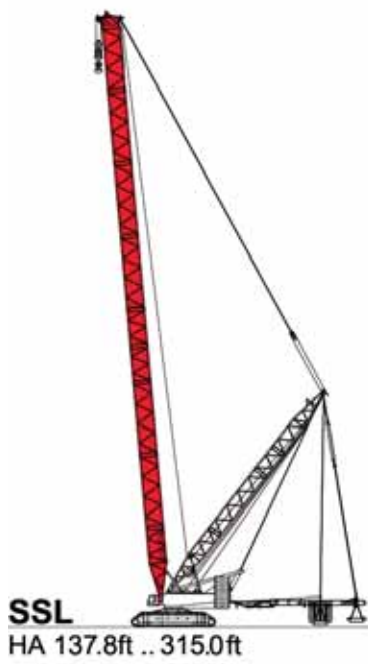
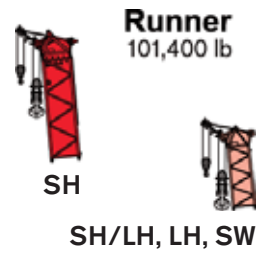
SW
HA 98.4ft .. 196.9ft
HI 98.4ft .. 315.0ft
max. 177.2ft+315ft
196.9ft+216.5ft

BOOM COMBINATIONS

CC 6800

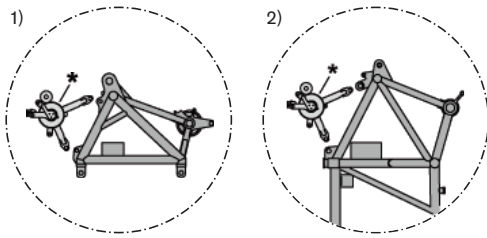


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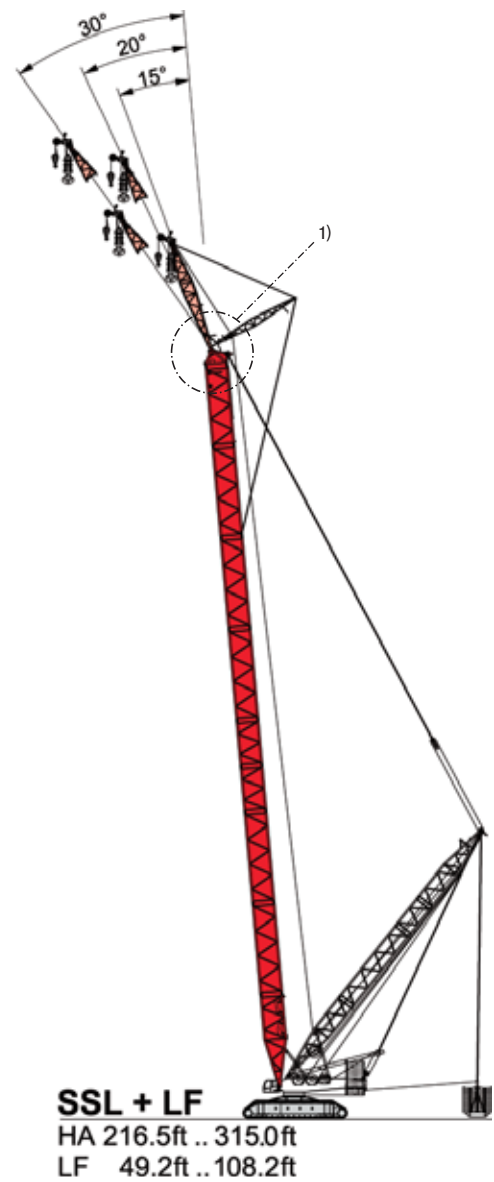
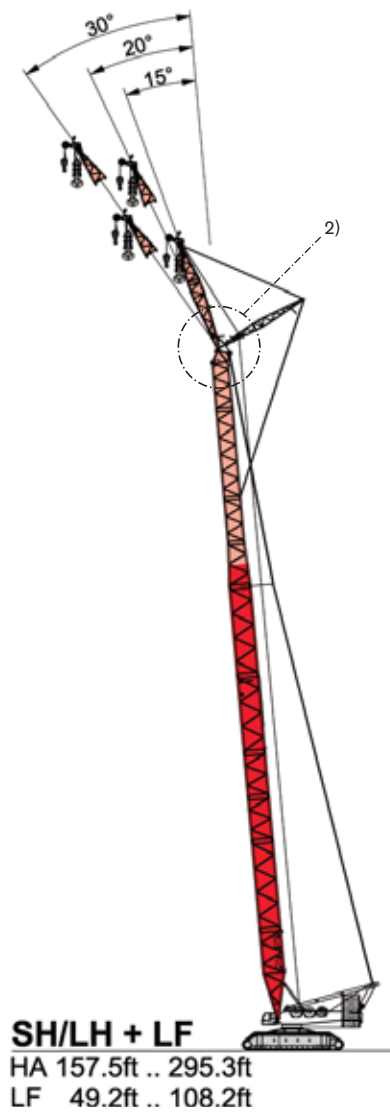
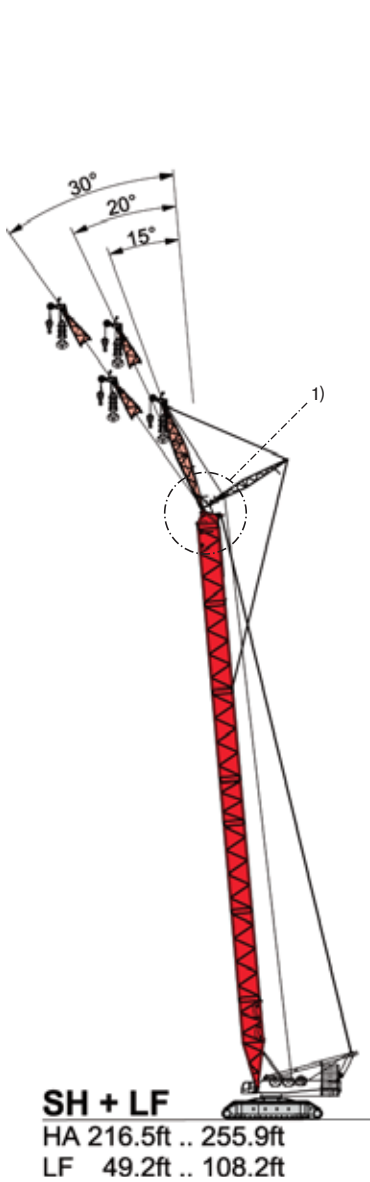
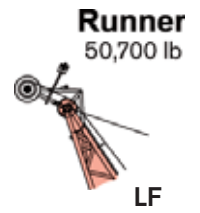


BOOM COMBINATIONS

CC 6800

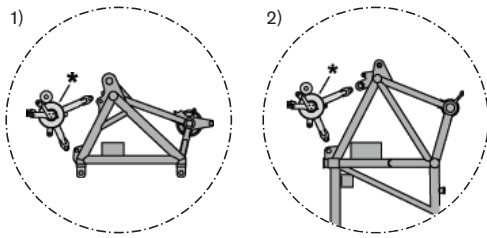


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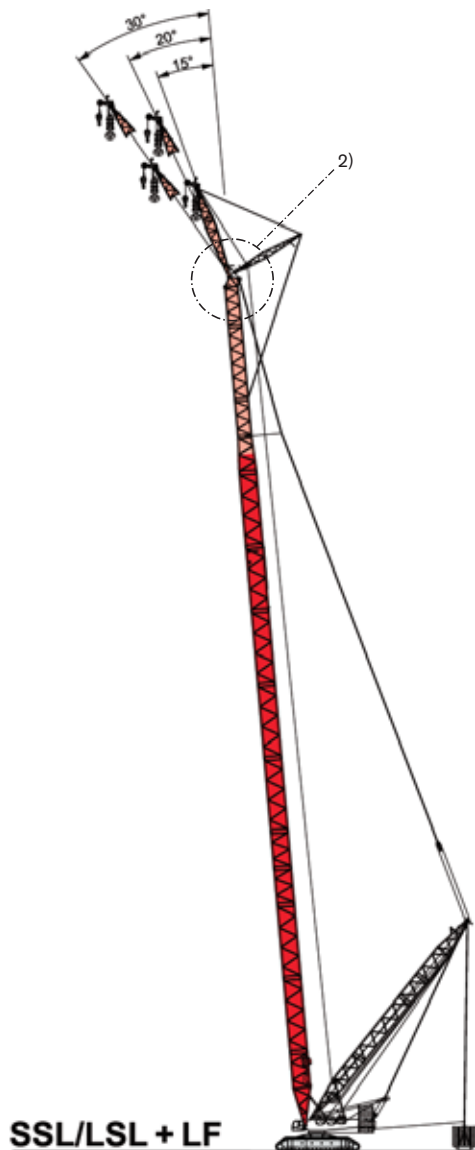
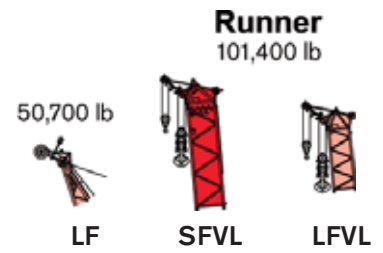


BOOM COMBINATIONS

CC 6800



* Attachable

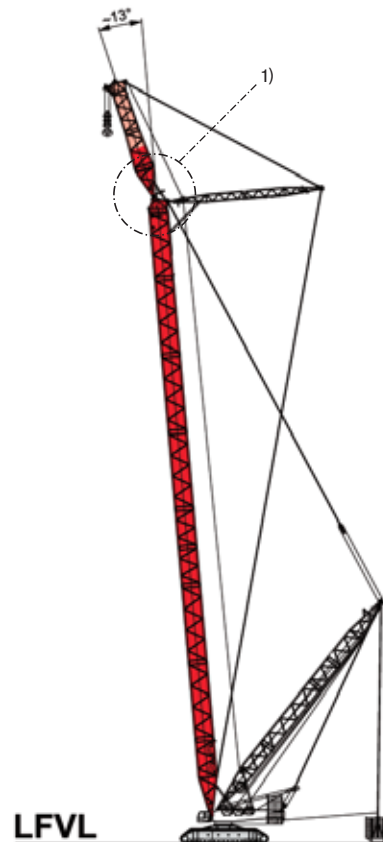


SSL/LSL + LF

HA 334.6ft .. 492.1ft
LF 49.2ft .. 108.2ft

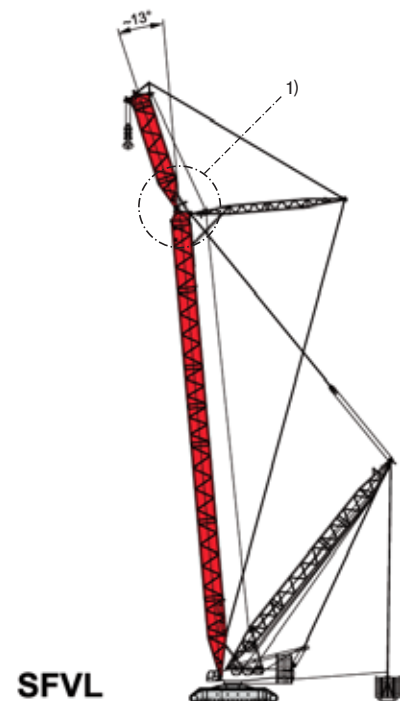
SSL/LSL S1 + LF

HA 216.5ft .. 492.1ft
LF 49.2ft .. 108.2ft



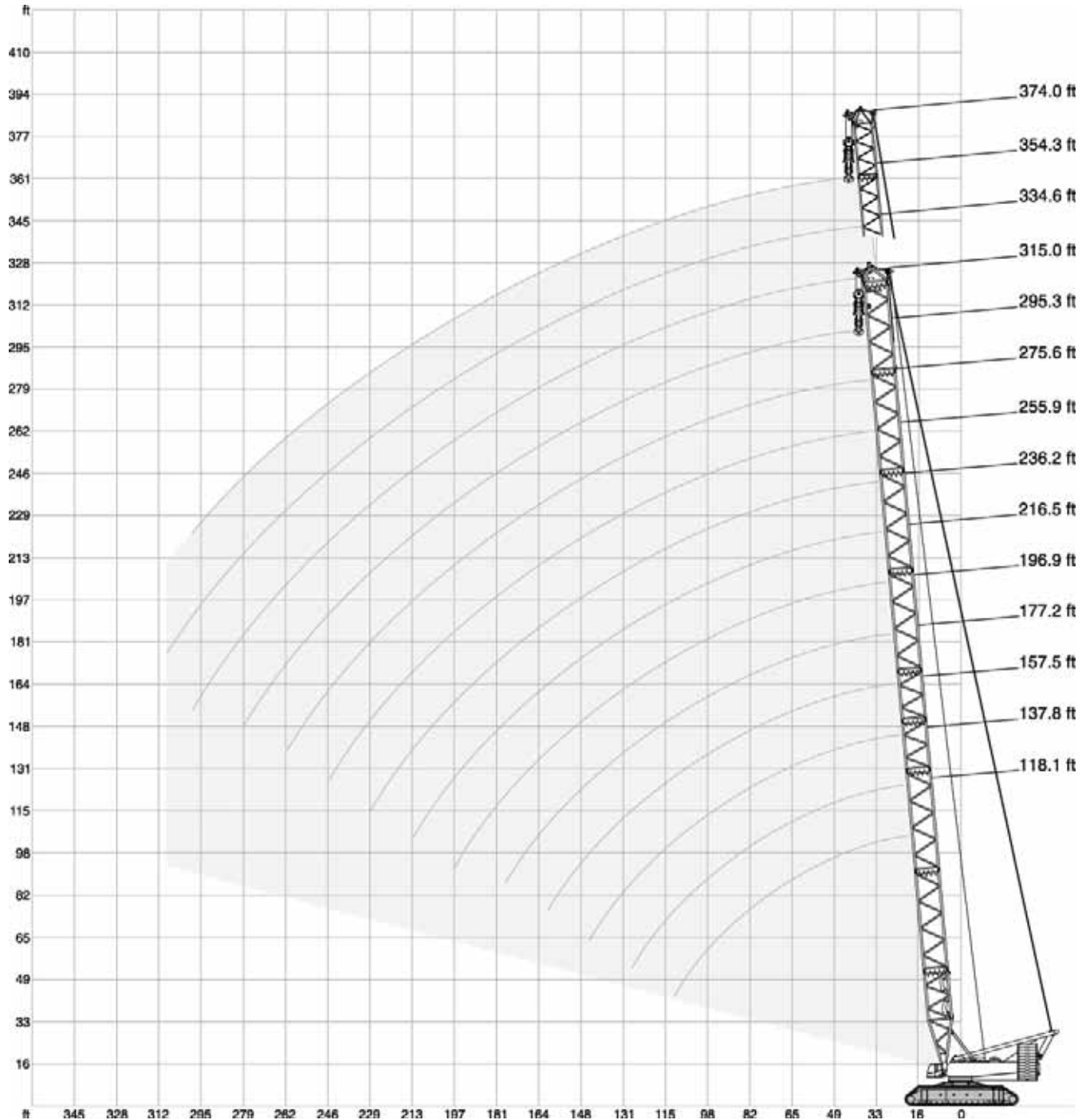
LFVL

HA 157.5ft .. 315.0ft



SFVL

HA 157.5ft .. 236.2ft



31.50 ft														32.2 ft/s		360°		75%	
1,000 lb																			
ft	118.1 ft	137.8 ft	157.5 ft	177.2 ft	196.9 ft	216.5 ft	236.2 ft	255.9 ft	275.6 ft	295.3 ft	315.0 ft	ft							
23.0	1743.9	-	-	-	-	-	-	-	-	-	-	23.0							
26.2	1534.4	1523.4	1501.3	-	-	-	-	-	-	-	-	26.2							
29.5	1366.9	1358.0	1305.1	1225.8	-	-	-	-	-	-	-	29.5							
32.8	1232.4	1221.4	1153.0	1086.9	1027.4	972.2	-	-	-	-	-	32.8							
36.1	1117.7	1089.1	1029.6	974.4	923.7	877.4	833.3	793.7	-	-	-	36.1							
39.4	1011.9	978.9	928.1	881.8	837.8	798.1	760.6	725.3	690.0	659.2	-	39.4							
42.7	921.5	888.5	844.4	804.7	767.2	731.9	696.7	665.8	634.9	608.5	551.2	42.7							
45.9	844.4	811.3	773.8	738.5	703.3	674.6	643.8	615.1	586.4	562.2	535.7	45.9							
52.5	709.9	690.0	659.2	630.5	604.1	577.6	553.4	531.3	507.1	485.0	463.0	52.5							
59.1	588.6	584.2	571.0	549.0	524.7	504.9	482.8	463.0	443.1	423.3	405.7	59.1							
65.6	500.4	496.0	491.6	482.8	460.8	443.1	425.5	407.9	390.2	372.6	357.1	65.6							
72.2	434.3	427.7	423.3	418.9	410.1	394.6	377.0	361.6	346.1	330.7	315.3	72.2							
78.7	379.2	374.8	368.2	363.8	359.4	352.7	337.3	324.1	308.6	295.4	280.0	78.7							
85.3	337.3	330.7	326.3	321.9	317.5	313.1	304.2	291.0	277.8	264.6	251.3	85.3							
91.9	302.0	295.4	291.0	284.4	280.0	277.8	273.4	262.4	249.1	238.1	224.9	91.9							
98.4	273.4	266.8	260.1	255.7	251.3	246.9	244.7	238.1	224.9	215.0	202.8	98.4							
111.5	227.1	220.5	213.8	208.3	203.9	200.6	196.2	191.8	185.2	175.3	164.2	111.5							
124.7	-	185.2	178.6	173.1	167.6	164.2	158.7	154.3	148.8	144.4	133.4	124.7							
128.0	-	178.6	171.4	165.9	159.8	156.0	151.0	146.1	140.5	136.1	126.8	128.0							
137.8	-	-	152.1	146.1	138.9	134.5	129.5	124.6	118.3	113.5	107.0	137.8							
144.4	-	-	140.0	133.4	125.7	121.3	115.7	111.3	105.6	101.2	93.9	144.4							
150.9	-	-	-	122.9	115.6	111.0	105.2	100.5	94.6	90.1	82.2	150.9							
160.8	-	-	-	108.9	101.3	95.9	90.4	85.3	78.8	74.4	67.1	160.8							
164.0	-	-	-	-	96.9	91.7	86.0	80.8	74.1	69.9	62.5	164.0							
177.2	-	-	-	-	81.6	76.2	69.4	64.4	58.0	53.1	45.4	177.2							
190.3	-	-	-	-	-	63.1	56.2	50.6	43.7	39.0	31.6	190.3							
196.9	-	-	-	-	-	57.1	50.0	44.3	37.5	32.6	25.1	196.9							
203.4	-	-	-	-	-	-	44.9	38.8	32.1	27.0	19.4	203.4							
206.7	-	-	-	-	-	-	42.3	36.2	29.4	24.2	16.5	206.7							
213.3	-	-	-	-	-	-	37.5	31.3	24.4	19.0	-	213.3							
216.5	-	-	-	-	-	-	-	29.0	22.0	16.5	-	216.5							
223.1	-	-	-	-	-	-	-	24.5	17.4	-	-	223.1							
229.7	-	-	-	-	-	-	-	20.5	-	-	-	229.7							

551,200 lb

176,400 lb

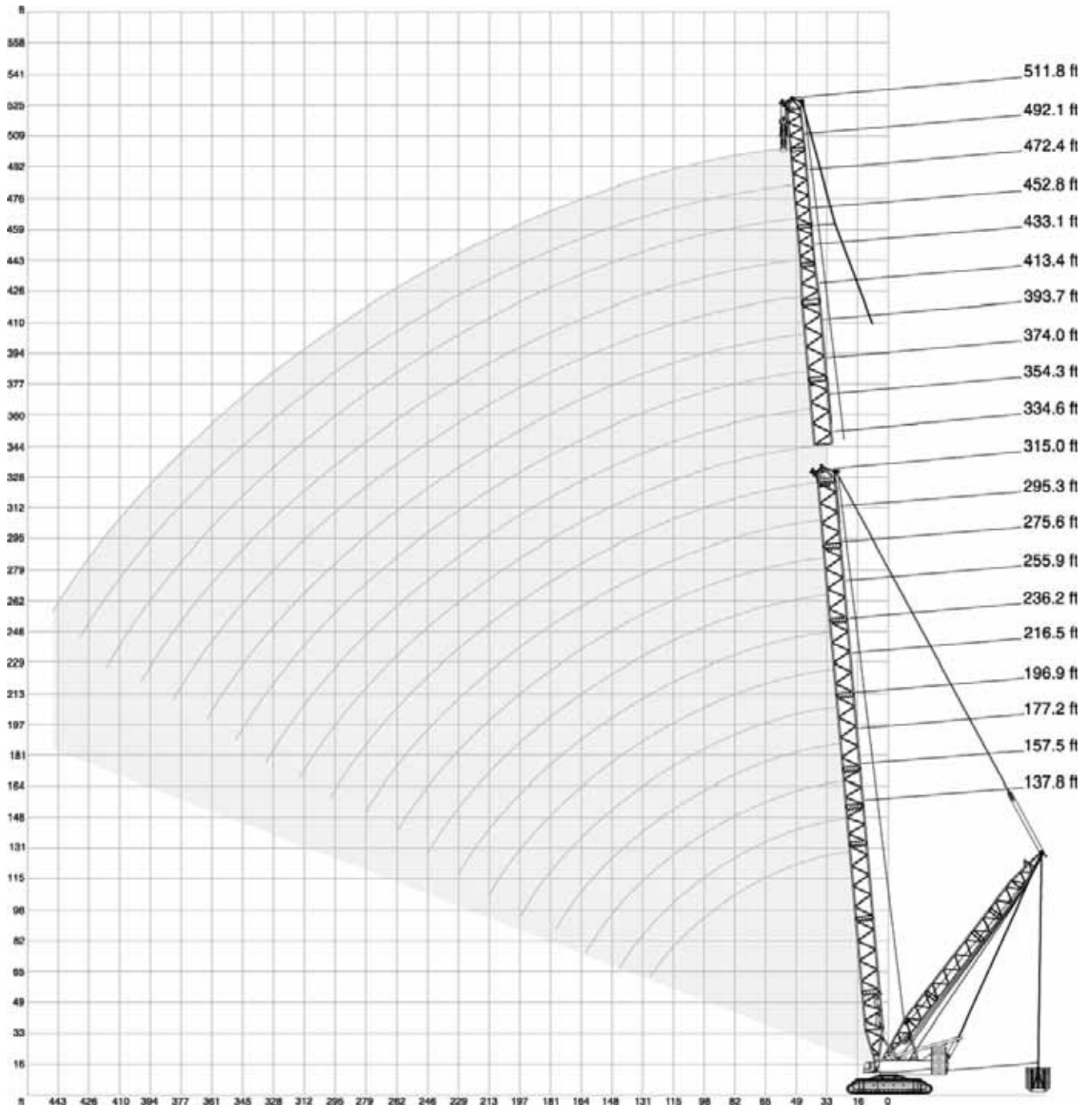
31.50 ft														32.2 ft/s		360°		75%	
ft	157.5 ft	177.2 ft	196.9 ft	216.5 ft	236.2 ft	255.9 ft	275.6 ft	295.3 ft	315.0 ft	334.6 ft	354.3 ft	ft							
26.2	1115.5	-	-	-	-	-	-	-	-	-	-	26.2							
29.5	1115.5	1115.5	1115.5	-	-	-	-	-	-	-	-	29.5							
32.8	1115.5	1104.5	1045.0	994.3	945.8	-	-	-	-	-	-	32.8							
36.1	1031.8	1003.1	951.3	908.3	866.4	822.3	787.1	-	-	-	-	36.1							
39.4	948.0	901.7	857.6	822.3	787.1	754.0	723.1	694.5	661.4	-	-	39.4							
42.7	870.8	830.0	791.5	759.5	728.6	700.0	672.4	646.0	616.2	590.8	533.5	42.7							
45.9	793.7	758.4	725.3	696.7	670.2	646.0	621.7	597.5	571.0	551.2	531.3	45.9							
52.5	681.2	652.6	623.9	604.1	579.8	560.0	540.1	522.5	498.2	482.8	467.4	52.5							
59.1	593.0	568.8	546.7	529.1	511.5	493.8	478.4	463.0	440.9	427.7	414.5	59.1							
65.6	509.3	504.9	485.0	469.6	454.2	438.7	425.5	412.3	392.4	381.4	370.4	65.6							
72.2	448.6	444.2	432.1	424.4	411.2	397.9	385.8	373.7	356.0	345.0	335.1	72.2							
78.7	388.0	383.6	379.2	379.2	368.2	357.1	346.1	335.1	319.7	308.6	299.8	78.7							
85.3	349.4	343.9	339.5	339.5	334.0	326.3	316.4	306.4	292.1	282.2	274.5	85.3							
91.9	310.9	304.2	299.8	299.8	299.8	295.4	286.6	277.8	264.6	255.7	249.1	91.9							
98.4	283.3	276.7	272.3	272.3	271.2	269.0	263.5	255.7	242.5	235.3	229.3	98.4							
111.5	235.3	228.7	224.3	223.8	222.1	221.6	219.4	215.5	203.9	198.4	192.9	111.5							
124.7	199.5	192.9	187.9	187.4	185.7	184.6	182.4	181.3	172.5	168.1	163.1	124.7							
137.8	172.5	166.1	160.2	159.8	157.6	156.5	154.3	152.9	144.8	141.5	137.8	137.8							
144.4	160.9	154.7	148.4	147.7	145.5	144.4	142.2	140.4	131.9	128.6	125.7	144.4							
150.9	-	143.3	136.7	135.6	133.4	132.3	130.1	127.9	119.0	115.7	113.5	150.9							
160.8	-	130.1	124.0	122.5	119.9	118.3	115.7	113.9	104.7	101.5	99.1	160.8							
164.0	-	-	119.8	118.1	115.4	113.6	111.0	109.2	99.9	96.8	94.3	164.0							
177.2	-	-	104.3	102.5	99.4	97.1	94.2	92.5	82.8	80.0	77.9	177.2							
190.3	-	-	-	88.8	85.3	82.7	79.8	77.8	68.3	65.3	63.1	190.3							
193.6	-	-	-	86.0	82.5	79.7	76.5	75.0	65.3	61.9	60.1	193.6							
203.4	-	-	-	-	74.1	71.3	68.2	66.4	56.4	53.4	51.3	203.4							
213.3	-	-	-	-	66.8	63.8	60.3	58.2	48.6	45.3	43.0	213.3							
216.5	-	-	-	-	-	61.7	58.0	55.8	46.3	43.0	40.7	216.5							
229.7	-	-	-	-	-	53.1	49.2	46.7	37.0	33.7	31.3	229.7							
242.8	-	-	-	-	-	-	41.9	39.4	29.4	26.1	23.7	242.8							
246.1	-	-	-	-	-	-	40.1	37.6	27.6	24.2	21.8	246.1							
255.9	-	-	-	-	-	-	-	32.6	22.7	19.1	16.7	255.9							
262.5	-	-	-	-	-	-	-	29.5	19.6	15.9	13.5	262.5							
265.7	-	-	-	-	-	-	-	-	18.1	14.4	11.9	265.7							
269.0	-	-	-	-	-	-	-	-	16.5	12.8	-	269.0							
272.3	-	-	-	-	-	-	-	-	15.2	11.5	-	272.3							
278.9	-	-	-	-	-	-	-	-	12.6	-	-	278.9							

463,000 lb 551,200 lb

88,200 lb 176,400 lb

31.50 ft															32.2 ft/s		360°	75%
		137.8 ft	157.5 ft	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				
ft		1,000 lb													ft			
26.2	1115.5	1115.5	-	-	-	-	-	-	-	-	-	-	-	-	26.2			
29.5	1115.5	1115.5	1115.5	1086.9	-	-	-	-	-	-	-	-	-	-	29.5			
32.8	1115.5	1115.5	1113.3	1058.2	950.2	793.7	-	-	-	-	-	-	-	-	32.8			
36.1	1058.2	1035.1	1011.9	965.6	892.9	780.4	634.9	568.8	-	-	-	-	-	-	36.1			
39.4	1000.9	954.6	910.5	873.0	835.6	767.2	634.9	568.8	509.3	412.3	-	-	-	-	39.4			
42.7	917.1	877.4	840.0	805.8	772.7	725.3	625.0	563.3	504.9	412.3	368.2	315.3	-	-	42.7			
45.9	833.3	800.3	769.4	738.5	709.9	683.4	615.1	557.8	500.4	412.3	368.2	315.3	266.8	-	45.9			
52.5	712.1	687.8	663.6	639.3	617.3	595.2	573.2	537.9	485.0	399.0	363.8	310.9	266.8	-	52.5			
59.1	606.3	601.9	579.8	562.2	542.3	526.9	507.1	491.6	467.4	385.8	354.9	302.0	257.9	-	59.1			
65.6	518.1	515.9	513.7	500.4	485.0	469.6	451.9	440.9	425.5	372.6	343.9	295.4	249.1	-	65.6			
72.2	457.5	455.3	453.1	446.4	438.7	426.6	411.2	401.2	388.0	357.1	335.1	286.6	241.4	-	72.2			
78.7	396.8	394.6	392.4	392.4	392.4	383.6	370.4	361.6	350.5	341.7	326.3	277.8	233.7	-	78.7			
85.3	357.1	356.0	352.7	352.7	352.7	347.2	339.5	331.8	321.9	314.2	302.0	272.3	227.1	-	85.3			
91.9	317.5	317.5	313.1	313.1	313.1	310.9	308.6	302.0	293.2	286.6	277.8	266.8	220.5	-	91.9			
98.4	289.9	289.9	285.5	285.5	284.4	283.3	281.1	276.7	271.2	265.7	256.8	248.0	216.1	-	98.4			
111.5	242.5	241.4	238.1	237.5	235.9	235.3	232.6	231.5	229.3	226.0	219.9	213.8	201.7	-	111.5			
124.7	208.0	205.6	202.8	201.7	200.1	199.0	195.7	195.7	193.5	191.3	187.9	184.6	179.1	-	124.7			
128.0	200.6	198.1	195.1	194.0	192.1	191.0	187.7	187.7	185.5	183.3	180.0	177.7	172.8	-	128.0			
137.8	-	179.1	176.0	174.5	172.3	171.2	167.6	167.6	165.3	163.1	159.8	158.7	154.3	-	137.8			
144.4	-	167.6	164.6	162.8	160.6	159.5	155.4	155.4	153.2	151.0	147.7	146.6	142.2	-	144.4			
150.9	-	-	153.2	151.0	148.8	147.7	143.3	143.3	141.1	138.9	135.6	134.5	130.1	-	150.9			
160.8	-	-	140.0	138.3	135.6	134.5	130.1	130.1	127.3	125.1	121.8	120.2	116.0	-	160.8			
164.0	-	-	-	134.1	131.2	130.1	125.7	125.7	122.7	120.5	117.2	115.4	111.3	-	164.0			
177.2	-	-	-	119.0	116.2	114.6	110.1	109.7	106.6	104.3	100.7	98.5	94.4	-	177.2			
190.3	-	-	-	-	103.8	101.4	96.6	95.5	92.6	90.2	86.0	83.8	79.6	-	190.3			
193.6	-	-	-	-	101.0	98.7	93.8	92.6	89.7	87.3	83.0	80.7	76.7	-	193.6			
203.4	-	-	-	-	-	90.7	85.4	84.1	81.1	78.7	74.1	71.8	68.0	-	203.4			
213.3	-	-	-	-	-	83.1	77.7	76.2	73.0	70.3	66.4	64.0	59.7	-	213.3			
216.5	-	-	-	-	-	-	75.5	73.9	70.5	68.1	64.1	61.7	57.2	-	216.5			
229.7	-	-	-	-	-	-	67.0	65.0	61.7	59.1	54.7	52.2	48.1	-	229.7			
242.8	-	-	-	-	-	-	-	57.8	54.4	51.5	47.1	44.8	40.4	-	242.8			
246.1	-	-	-	-	-	-	-	56.0	52.5	49.6	45.2	42.9	38.5	-	246.1			
255.9	-	-	-	-	-	-	-	-	47.4	44.8	40.3	37.8	33.3	-	255.9			
262.5	-	-	-	-	-	-	-	-	44.5	41.8	37.3	34.7	30.0	-	262.5			
269.0	-	-	-	-	-	-	-	-	-	38.8	34.2	31.5	27.1	-	269.0			
278.9	-	-	-	-	-	-	-	-	-	34.8	30.2	27.4	23.1	-	278.9			
282.2	-	-	-	-	-	-	-	-	-	-	28.9	26.2	21.8	-	282.2			
295.3	-	-	-	-	-	-	-	-	-	-	24.4	21.7	17.0	-	295.3			
298.6	-	-	-	-	-	-	-	-	-	-	23.4	20.6	15.9	-	298.6			
308.4	-	-	-	-	-	-	-	-	-	-	-	17.4	12.6	-	308.4			
311.7	-	-	-	-	-	-	-	-	-	-	-	16.4	11.7	-	311.7			
315.0	-	-	-	-	-	-	-	-	-	-	-	15.4	-	-	315.0			

	286,600 lb	374,800 lb	463,000 lb	551,200 lb
	0 lb	0 lb	88,200 lb	176,400 lb



374,800 – 551,200 lb +  0 – 176,400 lb  49.2–98.4 ft  31.50 ft  32.2 ft/s  360°  75%													
	 137.8 ft			 157.5 ft			 177.2 ft			 196.9 ft			
	 0 lb		0 – 992,100 lb	 0 lb		0 – 992,100 lb	 0 lb		0 – 992,100 lb	 0 lb		0 – 992,100 lb	
	 49.2 – 78.7 ft		 78.7 – 98.4 ft	 49.2 – 78.7 ft		 78.7 – 98.4 ft	 49.2 – 78.7 ft		 78.7 – 98.4 ft	 49.2 – 78.7 ft		 78.7 – 98.4 ft	
ft	1,000 lb												ft
26.2	1677.7	2755.8	2755.8	1668.9	2614.7	2614.7	-	-	-	-	-	-	26.2
29.5	1494.7	2747.0	2755.8	1485.9	2614.7	2614.7	1422.0	2286.2	2286.2	-	-	-	29.5
32.8	1327.2	2740.3	2742.6	1327.2	2614.7	2614.7	1263.2	2286.2	2286.2	1194.9	2114.2	2114.2	32.8
39.4	1036.2	2484.6	2683.0	1031.8	2475.8	2594.8	1029.6	2286.2	2286.2	981.1	2114.2	2114.2	39.4
45.9	842.2	2178.2	2489.0	835.6	2169.4	2482.4	833.3	2162.7	2286.2	826.7	2114.2	2114.2	45.9
52.5	725.3	1907.0	2184.8	696.7	1898.2	2178.2	692.3	1891.6	2169.4	690.0	1885.0	2114.2	52.5
59.1	619.5	1693.2	1867.3	612.9	1684.3	1933.5	588.6	1677.7	1926.8	586.4	1671.1	1920.2	59.1
65.6	537.9	1521.2	1620.4	531.3	1512.4	1737.2	526.9	1505.8	1730.6	504.9	1499.1	1724.0	65.6
72.2	471.8	1377.9	1422.0	465.2	1371.3	1534.4	460.8	1364.7	1569.7	456.4	1358.0	1563.1	72.2
78.7	418.9	1252.2	1256.6	412.3	1252.2	1364.7	405.7	1245.6	1435.2	401.2	1239.0	1426.4	78.7
85.3	374.8	1113.3	1119.9	368.2	1150.8	1221.4	361.6	1144.2	1289.7	357.1	1137.6	1311.8	85.3
91.9	337.3	994.3	1000.9	330.7	1064.8	1097.9	324.1	1058.2	1166.2	317.5	1051.6	1210.3	91.9
98.4	306.4	917.1	897.3	297.6	985.5	992.1	291.0	983.3	1058.2	286.6	974.4	1104.5	98.4
111.5	253.5	749.6	723.1	246.9	811.3	815.7	240.3	857.6	881.8	233.7	851.0	928.1	111.5
124.7	216.1	628.3	575.4	207.2	694.5	672.4	200.6	736.3	740.8	194.0	751.8	787.1	124.7
128.0	207.2	593.0	540.1	199.0	663.6	641.5	192.4	705.5	709.9	185.2	730.8	757.3	128.0
137.8	-	-	-	176.9	575.4	552.3	169.8	620.6	625.0	162.0	663.6	674.6	137.8
144.4	-	-	-	163.1	522.5	493.8	155.4	577.6	571.0	147.7	617.3	621.7	144.4
150.9	-	-	-	-	-	-	143.9	536.8	522.5	136.1	572.1	576.5	150.9
160.8	-	-	-	-	-	-	127.9	471.8	449.7	119.8	506.5	510.9	160.8
164.0	-	-	-	-	-	-	-	-	-	115.1	491.6	490.5	164.0
177.2	-	-	-	-	-	-	-	-	-	97.2	429.9	410.1	177.2

	216.5 ft			236.2 ft			255.9 ft			
	0 lb		0 – 992,100 lb	0 lb		0 – 992,100 lb	0 lb		0 – 992,100 lb	
	 49.2 – 78.7 ft		 78.7 – 98.4 ft	 49.2 – 78.7 ft		 78.7 – 98.4 ft	 49.2 – 78.7 ft		 78.7 – 98.4 ft	
ft	1,000 lb									ft
32.8	1133.2	1854.1	1854.1	-	-	-	-	-	-	32.8
36.1	1025.2	1854.1	1854.1	976.6	1675.5	1675.5	930.4	1492.5	1496.9	36.1
39.4	934.8	1854.1	1854.1	890.7	1675.5	1675.5	853.2	1492.5	1496.9	39.4
45.9	791.5	1854.1	1854.1	756.2	1675.5	1675.5	725.3	1492.5	1496.9	45.9
52.5	683.4	1854.1	1854.1	654.8	1675.5	1675.5	628.3	1492.5	1496.9	52.5
59.1	584.2	1666.7	1854.1	573.2	1651.3	1675.5	551.2	1492.5	1496.9	59.1
65.6	502.7	1494.7	1719.6	500.4	1488.1	1675.5	489.4	1468.3	1496.9	65.6
72.2	454.2	1351.4	1558.7	434.3	1347.0	1552.1	432.1	1340.4	1496.9	72.2
78.7	399.0	1234.6	1422.0	396.8	1228.0	1415.4	379.2	1221.4	1411.0	78.7
85.3	352.7	1133.2	1307.3	350.5	1126.6	1300.7	346.1	1122.2	1296.3	85.3
91.9	315.3	1045.0	1208.1	310.9	1040.6	1201.5	308.6	1034.0	1197.1	91.9
98.4	282.2	970.0	1122.2	277.8	963.4	1115.5	273.4	959.0	1111.1	98.4
111.5	229.3	846.6	959.0	224.9	840.0	974.4	220.5	833.3	967.8	111.5
124.7	189.6	747.4	820.1	184.1	740.8	840.0	179.7	734.1	848.8	124.7
137.8	157.6	669.1	711.0	152.7	662.5	731.9	147.2	655.9	743.0	137.8
150.9	131.2	599.7	615.1	125.7	595.2	638.2	120.4	589.7	652.6	150.9
164.0	109.6	528.0	532.4	103.6	537.9	558.9	98.3	533.5	575.4	164.0
177.2	91.8	454.2	458.6	85.2	481.7	489.4	79.6	483.9	508.2	177.2
190.3	76.6	397.9	390.2	69.4	422.2	425.5	63.6	438.7	447.5	190.3
196.9	69.7	374.8	357.1	62.2	392.4	394.6	56.2	416.7	418.9	196.9
203.4	-	-	-	56.1	366.0	367.1	49.9	390.2	393.5	203.4
213.3	-	-	-	47.2	341.7	324.1	41.0	352.7	356.0	213.3
216.5	-	-	-	-	-	-	38.3	340.2	343.9	216.5
229.7	-	-	-	-	-	-	28.0	306.4	295.4	229.7

Lifting capacities > 2205,000 lb only with special equipment

	0 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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374,800 – 551,200 lb +  0 – 176,400 lb  49.2–98.4 ft  31.50 ft  32.2 ft/s 360° 75%											
	 275.6 ft			 295.3 ft			 315.0 ft				
	 0 lb	0 – 992,100 lb		 0 lb	0 – 992,100 lb		 0 lb	0 – 992,100 lb			
	 49.2 – 78.7 ft	 78.7–98.4 ft		 49.2 – 78.7 ft	 78.7–98.4 ft		 49.2 – 78.7 ft	 78.7–98.4 ft			
ft	1,000 lb										ft
39.4	813.5	1377.9	1331.6	778.2	1232.4	1190.5	-	-	-	39.4	
42.7	749.6	1377.9	1331.6	718.7	1232.4	1190.5	687.8	1097.9	1067.0	42.7	
45.9	694.5	1377.9	1331.6	665.8	1232.4	1190.5	637.1	1097.9	1067.0	45.9	
52.5	601.9	1377.9	1331.6	579.8	1232.4	1190.5	555.6	1097.9	1067.0	52.5	
59.1	529.1	1358.0	1331.6	509.3	1232.4	1190.5	487.2	1097.9	1067.0	59.1	
65.6	469.6	1331.6	1331.6	451.9	1212.5	1190.5	432.1	1097.9	1067.0	65.6	
72.2	418.9	1311.8	1331.6	403.4	1188.3	1190.5	385.8	1080.3	1067.0	72.2	
78.7	374.8	1214.7	1331.6	361.6	1179.5	1190.5	346.1	1062.6	1067.0	78.7	
85.3	328.5	1113.3	1289.7	326.3	1108.9	1183.9	313.1	1053.8	1067.0	85.3	
91.9	302.0	1027.4	1190.5	286.6	1022.9	1164.0	280.0	1014.1	1062.6	91.9	
98.4	269.0	952.4	1104.5	264.6	945.8	1097.9	255.7	939.2	1053.8	98.4	
111.5	215.0	826.7	961.2	211.6	822.3	956.8	203.9	813.5	948.0	111.5	
124.7	173.1	727.5	846.6	169.8	723.1	844.4	160.9	714.3	831.1	124.7	
137.8	140.5	649.3	746.3	136.1	644.9	745.2	128.4	636.0	734.1	137.8	
150.9	113.8	582.0	658.1	109.1	577.6	660.3	101.2	568.8	652.6	150.9	
164.0	91.6	525.8	583.1	86.6	521.4	587.5	78.5	512.6	582.0	164.0	
177.2	72.6	478.4	518.1	67.5	474.0	523.6	59.3	465.2	521.4	177.2	
190.3	56.4	436.5	460.8	51.1	432.1	468.5	43.0	423.3	468.5	190.3	
203.4	42.5	399.0	409.0	37.1	395.7	420.0	29.0	386.9	421.1	203.4	
216.5	30.6	359.4	361.6	25.0	363.8	374.8	16.5	354.9	378.1	216.5	
226.4	22.7	326.3	328.5	16.8	339.5	342.8	-	335.1	347.8	226.4	
229.7	20.3	315.3	317.5	-	330.0	332.9	-	328.5	338.4	229.7	
236.2	15.4	293.2	295.4	-	310.9	313.1	-	315.3	319.7	236.2	
242.8	-	278.5	274.8	-	292.1	294.3	-	298.7	302.0	242.8	
246.1	-	273.4	264.6	-	282.7	284.9	-	290.5	293.2	246.1	
255.9	-	-	-	-	254.6	256.8	-	265.7	267.9	255.9	
262.5	-	-	-	-	244.7	238.1	-	249.1	251.3	262.5	
269.0	-	-	-	-	-	-	-	233.7	235.9	269.0	
278.9	-	-	-	-	-	-	-	216.1	212.7	278.9	



0 lb352,800 lb529,200 lb705,600 lb882,000 lb992,100 lb

374,800 – 551,200 lb +  0 – 176,400 lb  49.2–98.4 ft  31.50 ft  32.2 ft/s  360° 75%													
		216.5 ft		236.2 ft		255.9 ft		275.6 ft					
		SSL/LSL S1		SSL/LSL S1		SSL/LSL S1		SSL/LSL S1					
		0 lb 0 – 992,100 lb		0 lb 0 – 992,100 lb		0 lb 0 – 992,100 lb		0 lb 0 – 992,100 lb					
		49.2 – 78.7 ft 78.7 – 98.4 ft		49.2 – 78.7 ft 78.7 – 98.4 ft		49.2 – 78.7 ft 78.7 – 98.4 ft		49.2 – 78.7 ft 78.7 – 98.4 ft					
ft	1,000 lb												ft
32.8	1115.5	1115.5	1115.5	1089.1	1115.5	1115.5	-	-	-	-	-	-	32.8
36.1	1040.6	1115.5	1115.5	989.9	1115.5	1115.5	945.8	1115.5	1115.5	901.7	1115.5	1115.5	36.1
39.4	956.8	1115.5	1115.5	912.7	1115.5	1115.5	873.0	1115.5	1115.5	834.5	1115.5	1115.5	39.4
45.9	812.4	1115.5	1115.5	777.1	1115.5	1115.5	746.3	1115.5	1115.5	715.4	1115.5	1115.5	45.9
52.5	703.3	1115.5	1115.5	674.6	1115.5	1115.5	649.3	1115.5	1115.5	622.8	1115.5	1115.5	52.5
59.1	610.7	1115.5	1115.5	594.1	1115.5	1115.5	572.1	1115.5	1115.5	549.0	1115.5	1115.5	59.1
65.6	530.2	1115.5	1115.5	521.4	1115.5	1115.5	509.3	1115.5	1115.5	488.3	1115.5	1115.5	65.6
72.2	470.3	1115.5	1115.5	461.5	1115.5	1115.5	453.4	1115.5	1115.5	438.7	1115.5	1115.5	72.2
78.7	423.3	1115.5	1115.5	414.5	1115.5	1115.5	399.0	1115.5	1115.5	394.6	1115.5	1115.5	78.7
85.3	381.4	1092.4	1115.5	372.6	1086.9	1115.5	363.8	1085.8	1111.1	359.4	1081.4	1115.5	85.3
91.9	339.5	1069.2	1115.5	330.7	1058.2	1115.5	328.5	1056.0	1106.7	324.1	1047.2	1095.7	91.9
98.4	309.7	997.6	1089.1	300.9	987.7	1115.5	297.6	984.4	1100.1	293.2	976.6	1067.0	98.4
111.5	256.8	870.8	983.3	248.0	862.0	992.1	243.6	857.6	989.9	238.7	851.0	983.3	111.5
124.7	215.5	771.6	844.4	206.7	762.8	857.6	202.8	758.4	870.8	196.8	751.8	868.6	124.7
137.8	183.4	690.8	731.9	174.5	682.7	749.6	170.9	679.0	762.8	164.2	672.4	767.2	137.8
150.9	155.4	617.3	637.1	146.6	610.7	657.0	142.2	608.5	674.6	135.6	601.9	679.0	150.9
164.0	134.8	548.2	555.6	126.0	554.8	577.6	121.6	552.6	597.5	114.9	547.5	604.1	164.0
177.2	116.8	479.1	480.6	107.7	498.2	507.1	103.2	502.7	529.1	96.2	498.2	540.1	177.2
190.3	101.2	423.3	414.5	91.7	440.9	445.3	86.9	458.6	469.6	79.6	454.2	482.8	190.3
193.6	97.9	414.5	396.8	88.6	427.0	431.0	83.6	446.8	456.4	76.3	445.0	470.1	193.6
203.4	-	-	-	79.2	385.1	388.0	73.9	411.5	416.7	66.4	417.4	432.1	203.4
213.3	-	-	-	70.3	359.4	346.1	64.9	375.9	378.6	57.1	388.7	395.7	213.3
216.5	-	-	-	-	-	-	62.3	363.8	366.0	54.5	378.5	383.6	216.5
229.7	-	-	-	-	-	-	52.0	324.1	317.5	43.9	337.3	339.5	229.7
242.8	-	-	-	-	-	-	-	-	-	35.1	296.7	298.9	242.8
246.1	-	-	-	-	-	-	-	-	-	32.8	291.0	288.8	246.1



0 lb176,400 lb352,800 lb529,200 lb705,600 lb882,000 lb992,100 lb

SSL/LSL, SSL/LSL S1

CC 6800

374,800 – 551,200 lb +  0 – 176,400 lb  49.2–98.4 ft  31.50 ft  32.2 ft/s  360°  75% 													
		295.3 ft		315.0 ft		334.6 ft							
		SSL/LSL S1		SSL/LSL S1		SSL/LSL		SSL/LSL S1					
		0 lb	0 – 992,100 lb	0 lb	0 – 992,100 lb	0 lb	0 – 992,100 lb	0 lb	0 – 992,100 lb	0 lb	0 – 992,100 lb	0 lb	0 – 992,100 lb
		49.2 – 78.7 ft	78.7 – 98.4 ft	49.2 – 78.7 ft	78.7 – 98.4 ft	49.2 – 78.7 ft	78.7 – 98.4 ft	49.2 – 78.7 ft	78.7 – 98.4 ft	49.2 – 78.7 ft	78.7 – 98.4 ft	49.2 – 78.7 ft	78.7 – 98.4 ft
1,000 lb													
ft													ft
39.4	793.7	1115.5	1115.5	758.4	1080.3	1058.2	-	-	-	-	-	-	39.4
42.7	734.1	1115.5	1115.5	703.3	1080.3	1058.2	679.0	992.1	959.0	965.6	948.0	948.0	42.7
45.9	685.6	1115.5	1115.5	657.0	1080.3	1058.2	634.9	992.1	959.0	965.6	948.0	948.0	45.9
52.5	598.6	1115.5	1115.5	574.3	1080.3	1058.2	555.6	992.1	959.0	965.6	948.0	948.0	52.5
59.1	528.0	1115.5	1115.5	508.2	1079.2	1058.2	491.6	992.1	959.0	965.6	948.0	948.0	59.1
65.6	470.7	1115.5	1115.5	453.1	1072.5	1058.2	438.7	992.1	959.0	965.6	948.0	948.0	65.6
72.2	424.0	1115.5	1115.5	407.1	1056.0	1058.2	394.6	975.2	959.0	954.6	948.0	948.0	72.2
78.7	381.4	1115.5	1113.3	366.0	1056.0	1058.2	354.9	972.2	959.0	954.6	948.0	948.0	78.7
85.3	345.0	1079.2	1106.7	332.9	1036.2	1056.0	324.1	954.6	959.0	945.8	948.0	948.0	85.3
91.9	308.6	1042.8	1102.3	299.8	1027.4	1053.8	293.2	952.4	959.0	945.8	948.0	948.0	91.9
98.4	283.3	972.2	1064.8	274.5	960.1	1049.4	269.0	920.4	959.0	912.7	948.0	948.0	98.4
111.5	234.8	846.6	976.6	226.0	837.8	961.2	221.0	833.3	943.6	836.7	910.5	910.5	111.5
124.7	192.9	746.3	864.2	184.1	738.5	853.2	179.1	733.0	840.0	738.5	844.4	844.4	124.7
137.8	159.8	666.5	765.0	151.0	659.2	756.2	146.6	653.3	745.2	659.2	751.8	751.8	137.8
150.9	131.2	597.5	681.2	122.4	588.6	674.6	117.9	584.2	665.8	588.6	672.4	672.4	150.9
164.0	110.0	543.1	608.5	101.3	535.7	604.1	96.3	529.8	597.5	535.7	606.3	606.3	164.0
177.2	91.1	493.8	546.7	82.5	487.2	542.3	77.1	481.3	540.1	488.0	546.7	546.7	177.2
190.3	74.3	449.7	491.6	65.7	443.1	489.4	60.2	438.7	489.4	445.3	496.0	496.0	190.3
203.4	60.9	414.5	440.9	52.3	407.9	443.1	46.8	403.4	443.1	408.6	449.7	449.7	203.4
216.5	48.8	382.1	396.8	40.2	375.5	399.0	34.7	371.1	401.2	375.5	410.1	410.1	216.5
229.7	37.9	352.7	354.9	29.3	346.1	361.6	23.8	341.7	366.0	346.1	372.6	372.6	229.7
242.8	29.1	314.5	316.7	20.4	319.7	326.3	14.6	317.0	330.7	322.6	338.8	338.8	242.8
246.1	26.9	305.0	307.2	18.1	313.1	317.5	12.3	310.9	321.9	316.7	330.3	330.3	246.1
255.9	20.8	277.8	280.0	11.9	288.8	291.0	-	291.7	299.8	299.1	306.4	306.4	255.9
262.5	17.0	262.4	262.4	-	272.3	274.5	-	279.3	284.4	286.6	291.0	291.0	262.5
269.0	-	-	-	-	255.7	257.9	-	266.8	269.0	273.4	275.6	275.6	269.0
278.9	-	-	-	-	233.7	235.9	-	245.8	248.0	252.4	254.6	254.6	278.9
282.2	-	-	-	-	-	-	-	238.8	241.0	245.4	247.7	247.7	282.2
295.3	-	-	-	-	-	-	-	210.9	213.1	217.5	219.7	219.7	295.3
298.6	-	-	-	-	-	-	-	207.2	206.1	212.7	212.7	212.7	298.6



0 lb

176,400 lb

352,800 lb

529,200 lb

705,600 lb

882,000 lb

992,100 lb

SSL/LSL, SSL/LSL S1

CC 6800

374,800 – 551,200 lb + 0 – 176,400 lb 49.2-98.4 ft 31.50 ft 32.2 ft/s 360° 75%

	354.3 ft					374.0 ft					393.7 ft				
	SSL/LSL		SSL/LSL S1			SSL/LSL		SSL/LSL S1			SSL/LSL		SSL/LSL S1		
	0 lb	0 – 992,100 lb				0 lb	0 – 992,100 lb				0 lb	0 – 992,100 lb			
	49.2 – 78.7 ft	78.7–98.4 ft	49.2–78.7 ft	78.7–98.4 ft	49.2 – 78.7 ft	78.7–98.4 ft	49.2–78.7 ft	78.7–98.4 ft	49.2 – 78.7 ft	78.7–98.4 ft	49.2–78.7 ft	78.7–98.4 ft	49.2–78.7 ft	78.7–98.4 ft	
ft	1,000 lb														
42.7	648.2	892.9	862.0	873.0	859.8	-	-	-	-	-	564.4	-	-	-	-
45.9	606.3	892.9	862.0	873.0	859.8	584.2	802.5	773.8	789.3	778.2	564.4	727.5	703.3	716.5	703.3
52.5	531.3	892.9	862.0	873.0	859.8	514.8	802.5	773.8	789.3	778.2	496.0	727.5	703.3	716.5	703.3
59.1	469.6	892.9	862.0	873.0	859.8	456.4	802.5	773.8	789.3	778.2	439.8	727.5	703.3	716.5	703.3
65.6	417.8	892.9	862.0	871.9	859.8	406.8	802.5	773.8	789.3	778.2	392.4	727.5	703.3	716.5	703.3
72.2	375.5	892.9	862.0	869.4	859.8	365.2	802.5	773.8	787.1	778.2	352.7	727.5	703.3	713.6	703.3
78.7	337.3	892.9	862.0	866.4	859.8	328.5	802.5	773.8	782.6	778.2	317.5	727.5	703.3	707.7	703.3
85.3	307.5	868.6	862.0	858.7	859.8	299.8	791.5	773.8	779.3	778.2	289.9	725.3	703.3	700.0	703.3
91.9	277.8	868.6	862.0	855.4	859.8	271.2	791.5	773.8	778.2	778.2	262.4	723.1	703.3	696.7	703.3
98.4	251.3	857.6	862.0	834.5	857.6	246.9	782.6	773.8	771.6	776.0	240.3	716.5	703.3	695.6	703.3
111.5	206.1	812.4	862.0	799.2	846.6	203.9	766.1	773.8	743.0	765.0	195.1	700.0	703.3	682.3	690.0
124.7	168.7	723.1	811.3	730.8	793.7	166.4	718.7	760.6	704.4	736.3	157.6	685.6	703.3	649.3	665.8
137.8	135.8	644.5	727.5	651.1	736.3	133.5	641.5	712.1	646.7	698.9	129.2	637.1	670.2	611.4	632.7
150.9	107.6	575.4	650.4	582.0	659.2	105.2	571.0	641.5	577.6	652.6	101.0	566.6	630.5	568.8	597.5
164.0	86.0	521.0	586.4	527.6	595.2	83.6	518.1	577.6	523.2	588.6	79.2	513.7	568.8	514.4	560.0
177.2	66.7	472.5	529.1	479.1	537.9	64.3	470.3	524.7	474.7	533.5	59.9	465.9	515.9	465.9	520.3
190.3	49.8	429.9	478.4	436.5	489.4	47.4	427.7	476.2	432.1	485.0	43.0	423.3	469.6	423.3	474.0
203.4	36.3	394.6	434.3	402.7	445.3	33.9	392.4	434.3	396.8	440.9	29.5	388.0	427.7	389.5	432.1
216.5	24.1	362.3	396.8	370.4	405.7	21.5	359.8	394.6	365.2	403.4	17.0	354.9	390.2	357.6	394.6
223.1	18.7	347.6	378.1	354.9	388.0	15.8	344.8	377.0	351.3	385.8	11.2	339.5	373.3	342.6	377.0
226.4	15.9	340.2	368.7	347.2	379.2	13.0	337.3	368.2	344.3	377.0	-	332.9	365.2	335.1	369.3
229.7	13.2	332.9	359.4	339.5	370.4	-	330.7	361.6	337.3	368.2	-	326.3	357.1	328.5	361.6
242.8	-	309.4	328.5	315.3	337.3	-	307.2	330.7	312.0	337.3	-	302.8	327.8	305.0	332.2
255.9	-	286.6	298.4	293.9	307.2	-	285.1	301.3	289.5	307.9	-	280.7	299.8	282.2	304.2
269.0	-	264.6	269.0	273.4	277.8	-	264.6	273.4	269.0	280.0	-	260.1	273.4	260.1	277.8
282.2	-	239.6	242.5	248.4	251.3	-	245.4	248.4	251.3	255.0	-	241.0	249.9	242.5	254.3
295.3	-	215.0	217.2	223.8	226.0	-	224.1	224.9	230.8	231.5	-	222.7	227.4	224.9	231.5
308.4	-	190.7	192.9	199.5	201.7	-	200.6	202.8	207.2	209.4	-	205.0	206.1	207.2	209.4
315.0	-	183.0	179.7	189.6	189.6	-	189.6	191.4	195.8	198.0	-	194.4	196.2	197.3	199.2
321.5	-	-	-	-	-	-	178.6	180.0	184.5	186.7	-	184.3	186.3	186.8	188.9
331.4	-	-	-	-	-	-	165.3	164.2	170.9	169.8	-	169.2	171.4	171.4	172.5
334.6	-	-	-	-	-	-	-	-	-	-	-	164.2	166.4	166.4	166.4
347.8	-	-	-	-	-	-	-	-	-	-	-	148.8	146.6	149.9	143.3

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

SSL/LSL, SSL/LSL S1

CC 6800

374,800 – 551,200 lb +  0 – 176,400 lb  49.2–98.4 ft  31.50 ft  32.2 ft/s 360° 75%																	
413.4 ft						433.1 ft					452.8 ft						
SSL/LSL			SSL/LSL S1			SSL/LSL			SSL/LSL S1		SSL/LSL			SSL/LSL S1			
0 lb		0 – 992,100 lb		78.7– 98.4 ft		0 lb		0 – 992,100 lb		78.7– 98.4 ft		0 lb		0 – 992,100 lb		78.7– 98.4 ft	
49.2 – 78.7 ft		78.7 – 98.4 ft		49.2 – 78.7 ft		78.7 – 98.4 ft		49.2 – 78.7 ft		78.7 – 98.4 ft		49.2 – 78.7 ft		78.7 – 98.4 ft		49.2 – 78.7 ft	
ft	1,000 lb																
49.2	509.3	652.6	632.7	634.9	630.5	496.0	586.4	571.0	577.6	573.2	-	-	-	-	-	-	
52.5	480.6	652.6	632.7	634.9	630.5	467.4	586.4	571.0	577.6	573.2	451.9	526.9	509.3	529.1	522.5	522.5	
59.1	426.6	652.6	632.7	634.9	630.5	415.6	586.4	571.0	577.6	573.2	402.3	526.9	507.1	526.9	522.5	522.5	
65.6	381.4	652.6	632.7	634.9	630.5	371.5	586.4	571.0	577.6	573.2	359.4	525.8	504.9	526.9	522.5	522.5	
72.2	343.9	652.6	632.7	634.9	630.5	333.6	586.4	571.0	577.6	573.2	323.3	524.7	504.9	526.2	522.5	522.5	
78.7	308.6	652.6	632.7	634.9	630.5	299.8	586.4	571.0	577.6	573.2	291.0	524.7	502.7	524.7	522.5	522.5	
85.3	281.1	652.6	632.7	634.9	630.5	273.4	586.4	571.0	577.6	573.2	265.7	523.6	498.2	524.7	522.5	522.5	
91.9	253.5	652.6	632.7	634.9	628.3	246.9	586.4	571.0	577.6	571.0	240.3	522.5	496.0	524.7	520.3	520.3	
98.4	232.6	647.1	632.7	634.9	628.3	226.5	585.3	568.8	577.6	571.0	219.9	519.2	491.6	524.7	520.3	520.3	
111.5	190.1	634.9	632.7	631.6	628.3	186.8	578.7	562.2	577.6	571.0	181.9	511.5	482.8	524.7	518.1	518.1	
124.7	154.9	621.7	626.1	610.7	626.1	153.2	561.1	555.6	563.3	571.0	146.1	493.8	474.0	520.3	515.9	515.9	
137.8	126.8	592.3	610.7	589.4	610.7	124.8	541.6	546.7	548.2	562.2	116.3	474.0	460.8	505.6	513.7	513.7	
150.9	98.1	564.4	588.6	568.8	593.0	96.6	518.1	537.9	537.9	549.0	93.3	454.2	449.7	493.8	504.9	504.9	
164.0	76.4	510.0	560.0	515.9	573.2	74.8	493.1	526.9	499.7	537.9	71.5	438.0	438.7	480.6	498.2	498.2	
177.2	57.0	461.5	507.1	468.1	520.3	55.4	459.3	500.4	459.3	507.1	52.1	426.2	425.5	452.7	489.4	489.4	
190.3	40.1	418.9	463.0	425.5	474.0	38.4	416.7	456.4	416.7	460.8	35.1	414.5	412.3	410.1	449.7	449.7	
203.4	26.5	383.6	423.3	390.2	432.1	24.8	382.9	416.7	382.9	421.1	21.5	379.2	399.0	376.3	410.1	410.1	
213.3	16.6	359.4	395.2	365.5	405.7	15.1	358.3	391.9	358.3	394.6	11.7	352.7	383.6	352.0	384.7	384.7	
216.5	13.7	352.7	385.8	358.5	396.8	12.1	350.5	383.6	350.5	385.8	-	345.7	377.0	344.7	377.0	377.0	
229.7	-	324.1	354.9	328.5	363.8	-	321.9	350.5	321.9	354.9	-	317.5	346.1	315.3	346.1	346.1	
242.8	-	299.1	325.5	305.0	334.4	-	298.4	324.1	296.9	327.0	-	293.9	319.7	290.3	318.2	318.2	
255.9	-	276.3	298.4	282.9	307.2	-	275.6	298.4	274.1	300.6	-	271.9	293.9	267.5	292.5	292.5	
269.0	-	255.7	273.4	262.4	282.2	-	253.5	273.4	253.5	275.6	-	251.3	269.0	246.9	269.0	269.0	
282.2	-	238.1	251.3	243.2	258.7	-	235.9	251.3	235.9	253.5	-	233.7	248.4	229.3	246.9	246.9	
295.3	-	221.8	230.0	226.3	237.0	-	219.4	230.8	219.4	232.6	-	216.1	228.9	212.7	227.1	227.1	
308.4	-	206.1	209.4	211.6	217.2	-	205.0	211.6	203.9	212.7	-	200.6	210.5	197.3	208.3	208.3	
321.5	-	188.5	190.1	195.7	197.8	-	190.3	193.3	190.0	194.4	-	187.4	193.6	183.4	190.7	190.7	
334.6	-	170.5	171.6	177.1	178.6	-	174.5	175.6	174.5	176.4	-	173.8	177.1	169.4	173.4	173.4	
347.8	-	152.1	153.2	158.7	159.8	-	157.6	158.7	157.6	158.7	-	159.8	160.9	155.4	156.5	156.5	
360.9	-	135.8	135.6	140.2	142.2	-	141.5	142.6	140.7	142.6	-	144.4	145.5	140.0	141.1	141.1	
364.2	-	133.4	131.2	137.8	137.8	-	137.4	138.5	136.5	138.5	-	140.5	141.6	136.1	137.2	137.2	
374.0	-	-	-	-	-	-	125.4	126.5	124.3	126.1	-	129.2	130.4	124.6	126.3	126.3	
383.9	-	-	-	-	-	-	117.9	114.6	116.8	113.5	-	117.9	119.4	113.8	115.1	115.1	
387.1	-	-	-	-	-	-	-	-	-	-	-	114.6	115.7	110.2	111.3	111.3	
400.3	-	-	-	-	-	-	-	-	-	-	-	104.9	102.1	100.1	97.0	97.0	



0 lb

176,400 lb

352,800 lb

529,200 lb

705,600 lb

882,000 lb

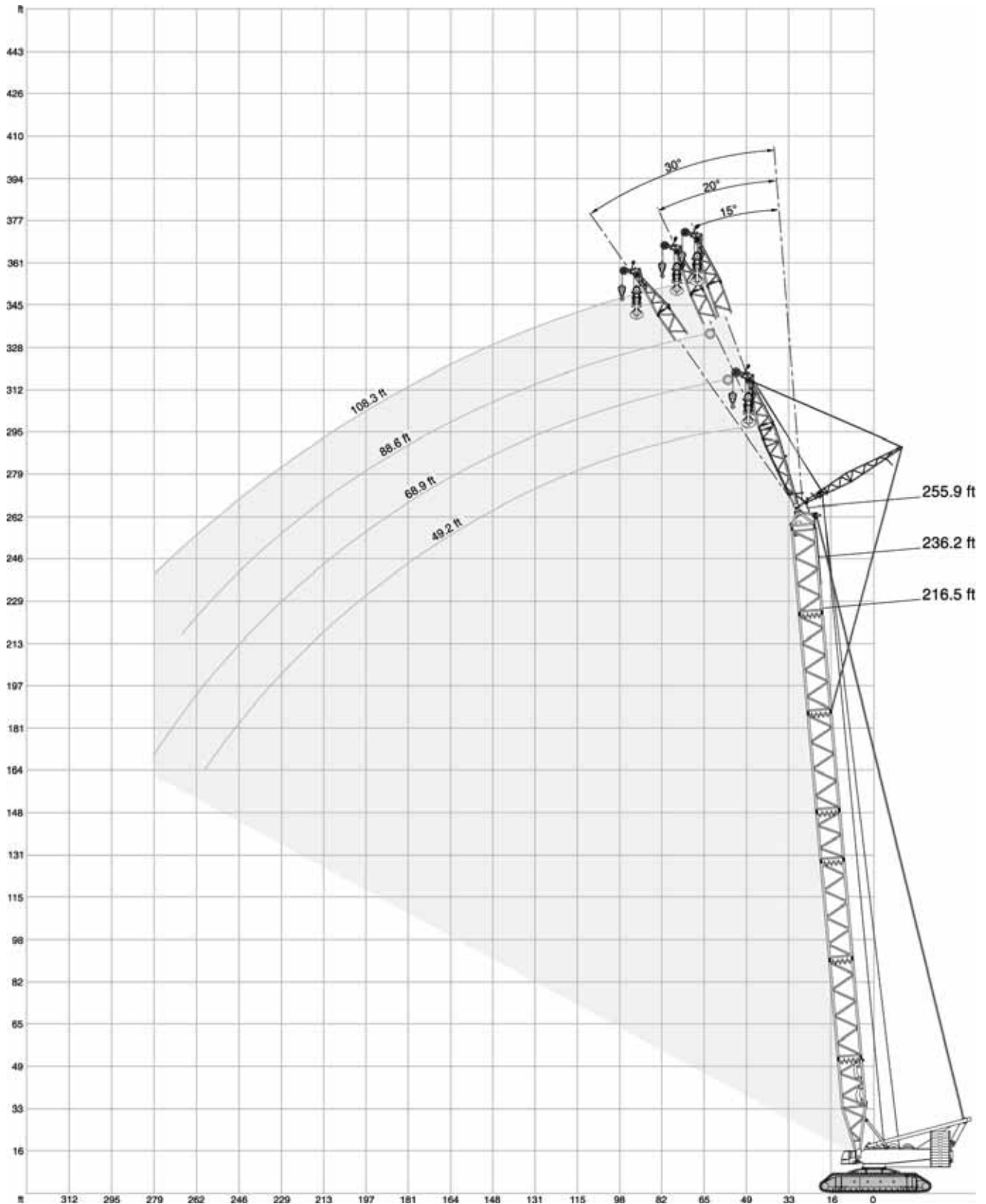
992,100 lb

SSL/LSL, SSL/LSL S1

CC 6800

374,800 – 551,200 lb +  0 – 176,400 lb  49.2–98.4 ft  31.50 ft  32.2 ft/s 360° 75%														
		472.4 ft					492.1 ft					511.8 ft		
		SSL/LSL			SSL/LSL S1		SSL/LSL			SSL/LSL S1		SSL/LSL S1		
		0 lb	0 – 992,100lb				0 lb	0 – 992,100lb				0 lb	0 – 992,100lb	
		49.2 – 78.7 ft	78.7– 98.4 ft	49.2– 78.7 ft	78.7– 98.4 ft	49.2 – 78.7 ft	78.7– 98.4 ft	49.2– 78.7 ft	78.7– 98.4 ft	49.2 – 78.7 ft	78.7– 98.4 ft			
1,000 lb														
55.8	412.3	460.8	447.5	482.8	474.0	377.0	405.7	394.6	438.7	429.9	-	-	-	
59.1	390.2	459.7	445.3	482.8	474.0	359.4	404.5	392.4	438.7	429.9	341.7	396.8	390.2	
65.6	349.4	457.5	443.1	482.8	474.0	339.5	401.2	390.2	438.7	429.9	306.4	396.8	390.2	
72.2	315.3	454.2	438.7	482.8	474.0	306.4	396.8	385.8	438.7	429.9	273.4	396.8	390.2	
78.7	284.4	449.7	436.5	482.8	474.0	275.6	392.4	381.4	438.7	429.9	242.5	396.8	390.2	
85.3	259.0	446.4	429.9	482.8	474.0	251.3	388.0	377.0	438.7	429.9	219.4	396.8	388.0	
91.9	233.7	443.1	425.5	482.8	471.8	227.1	383.6	370.4	438.7	427.7	196.2	396.8	388.0	
98.4	214.4	438.7	421.1	481.7	471.8	207.8	379.2	363.8	437.6	427.7	177.5	394.6	388.0	
111.5	178.6	428.8	407.9	479.5	471.8	172.5	368.2	352.7	434.3	427.7	143.3	392.4	385.8	
124.7	143.9	416.7	396.8	477.3	469.6	139.4	354.9	339.5	433.2	425.5	114.9	391.3	383.6	
137.8	114.3	404.2	381.4	465.9	465.2	111.0	341.7	326.3	426.2	423.3	89.8	386.5	381.4	
150.9	91.7	392.4	368.2	454.2	463.0	88.2	328.5	313.1	416.7	418.9	65.7	379.2	379.2	
164.0	69.8	367.4	354.9	446.8	456.4	66.3	316.7	299.8	409.3	414.5	48.1	371.8	377.0	
177.2	50.3	350.5	339.5	430.6	447.5	46.8	301.3	286.6	402.7	407.9	30.5	363.8	370.4	
190.3	33.3	337.3	328.5	405.7	438.7	29.8	286.6	273.4	396.8	403.4	13.0	359.4	366.0	
203.4	19.8	326.7	315.3	370.4	403.4	15.8	277.0	262.4	362.7	390.2	-	346.1	359.4	
206.7	16.4	324.1	313.1	361.6	395.2	12.3	274.1	260.1	354.4	382.5	-	342.8	356.0	
210.0	13.0	319.7	310.9	352.7	386.9	-	271.2	257.2	346.1	374.8	-	339.5	352.7	
216.5	-	312.3	304.2	338.8	370.4	-	261.6	251.3	332.2	359.4	-	324.8	346.1	
229.7	-	302.0	295.4	310.9	339.5	-	251.3	242.5	304.2	328.5	-	295.4	317.5	
242.8	-	287.3	285.1	285.9	313.1	-	241.0	233.7	279.3	302.0	-	271.9	292.5	
255.9	-	269.7	274.1	263.1	288.1	-	230.8	226.3	256.5	277.8	-	249.1	268.2	
269.0	-	249.1	262.4	242.5	264.6	-	220.5	220.5	235.9	255.7	-	229.3	244.7	
282.2	-	231.5	244.7	222.7	242.5	-	213.4	214.6	218.3	235.2	-	210.9	225.6	
295.3	-	214.3	227.6	208.0	222.7	-	205.4	208.6	201.4	216.1	-	193.6	207.2	
308.4	-	198.4	210.5	191.8	205.0	-	195.1	202.8	185.2	198.4	-	177.5	189.6	
321.5	-	185.2	193.6	177.8	187.4	-	181.1	189.6	171.2	181.5	-	164.2	173.4	
334.6	-	172.7	177.5	165.0	170.9	-	168.3	175.6	158.4	165.3	-	151.0	158.0	
347.8	-	160.9	162.0	153.2	155.4	-	156.5	160.9	146.6	149.9	-	138.9	143.3	
360.9	-	146.2	147.3	138.9	140.7	-	144.8	147.0	134.1	136.0	-	127.9	130.1	
374.0	-	132.3	133.4	124.9	126.2	-	132.3	133.4	121.4	122.5	-	116.2	117.2	
387.1	-	119.0	120.2	110.2	111.3	-	119.0	120.2	108.5	109.6	-	103.8	104.7	
400.3	-	105.8	107.4	96.9	98.5	-	107.3	108.7	95.7	96.8	-	91.6	92.5	
413.4	-	95.4	94.1	86.4	84.8	-	95.4	96.7	83.0	84.1	-	79.7	80.6	
416.7	-	93.7	90.8	84.7	81.4	-	92.4	93.7	79.8	81.0	-	76.7	77.7	
426.5	-	-	-	-	-	-	84.7	84.7	72.5	71.7	-	67.9	69.0	
433.1	-	-	-	-	-	-	81.6	78.7	69.9	65.5	-	64.1	63.3	
439.6	-	-	-	-	-	-	-	-	-	-	-	61.3	57.5	
449.5	-	-	-	-	-	-	-	-	-	-	-	54.9	48.9	

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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49.2 - 108.3 ft													31.50 ft		32.2 ft/s		360°		75%	
216.5 ft																				
49.2 ft			68.9 ft			88.6 ft			108.3 ft											
15°		20°		30°		15°		20°		30°		15°		20°		30°				
1,000 lb																				
ft																	ft			
45.9	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45.9			
49.2	551.2	544.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.2			
52.5	551.2	544.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52.5			
55.8	518.1	524.7	335.1	504.9	-	-	-	-	-	-	-	-	-	-	-	-	55.8			
59.1	487.2	493.8	335.1	482.8	399.0	-	392.4	-	-	-	-	-	-	-	-	-	59.1			
65.6	432.1	438.7	330.7	429.9	390.2	-	392.4	302.0	-	313.1	-	-	-	-	-	-	65.6			
68.9	409.0	415.6	327.4	407.9	381.4	246.9	382.5	302.0	-	313.1	-	-	-	-	-	-	68.9			
72.2	385.8	392.4	324.1	385.8	372.6	246.9	372.6	302.0	-	313.1	-	-	-	-	-	-	72.2			
75.5	367.1	372.6	320.8	367.1	362.7	242.5	359.4	295.4	-	305.3	235.9	-	-	-	-	-	75.5			
78.7	348.3	352.7	317.5	348.3	352.7	238.1	346.1	288.8	185.2	297.6	235.9	-	-	-	-	-	78.7			
85.3	315.3	319.7	310.9	315.3	321.9	231.5	315.3	277.8	185.2	284.4	231.5	-	-	-	-	-	85.3			
91.9	286.6	291.0	297.6	286.6	293.2	224.9	288.8	266.8	179.7	271.2	222.7	143.3	-	-	-	-	91.9			
98.4	262.4	264.6	273.4	262.4	266.8	218.3	264.6	255.7	174.2	257.9	213.8	143.3	-	-	-	-	98.4			
111.5	220.5	222.7	229.3	222.7	227.1	207.2	222.7	229.3	164.2	222.7	198.4	134.5	-	-	-	-	111.5			
124.7	183.0	185.2	189.6	187.4	190.7	196.2	191.8	196.2	156.5	191.8	184.1	126.8	-	-	-	-	124.7			
137.8	154.3	156.0	159.3	157.6	160.4	165.9	161.5	165.3	148.3	164.8	165.9	120.2	-	-	-	-	137.8			
150.9	129.5	130.6	133.9	132.8	135.6	140.5	136.7	140.0	139.4	139.4	143.3	113.5	-	-	-	-	150.9			
164.0	108.5	109.8	112.9	112.0	114.8	119.0	116.1	119.3	124.6	118.4	122.4	107.9	-	-	-	-	164.0			
177.2	90.9	92.5	95.0	94.6	96.7	100.5	98.2	101.2	106.2	100.5	103.9	103.3	-	-	-	-	177.2			
190.3	76.1	77.3	79.4	79.1	81.2	84.7	82.9	85.5	90.2	85.0	88.2	93.7	-	-	-	-	190.3			
203.4	63.6	64.6	66.2	66.6	68.1	71.0	69.8	71.9	76.1	71.7	74.3	79.8	-	-	-	-	203.4			
206.7	60.7	61.6	63.1	63.6	65.0	67.8	66.7	68.9	72.8	68.7	71.3	76.5	-	-	-	-	206.7			
216.5	52.6	53.4	-	55.1	56.7	59.1	58.5	60.5	63.9	60.3	62.8	67.2	-	-	-	-	216.5			
226.4	45.4	46.0	-	48.0	49.1	51.1	51.0	52.7	55.7	52.5	54.8	59.0	-	-	-	-	226.4			
229.7	43.2	43.7	-	45.7	46.7	-	48.7	50.3	53.1	50.2	52.2	56.4	-	-	-	-	229.7			
232.9	41.0	41.4	-	43.5	44.4	-	46.4	48.0	50.7	47.9	49.9	53.9	-	-	-	-	232.9			
242.8	34.8	-	-	37.3	38.1	-	40.0	41.4	43.9	41.4	43.3	46.8	-	-	-	-	242.8			
246.1	-	-	-	35.3	36.2	-	38.0	39.4	41.7	39.4	41.2	44.6	-	-	-	-	246.1			
252.6	-	-	-	31.5	32.2	-	34.1	35.4	-	35.4	37.1	40.3	-	-	-	-	252.6			
255.9	-	-	-	29.8	-	-	32.3	33.6	-	33.6	35.3	38.4	-	-	-	-	255.9			
262.5	-	-	-	26.2	-	-	28.9	30.0	-	30.0	31.5	34.4	-	-	-	-	262.5			
265.7	-	-	-	-	-	-	27.3	28.2	-	28.4	29.8	32.4	-	-	-	-	265.7			
269.0	-	-	-	-	-	-	25.7	26.5	-	26.8	28.1	-	-	-	-	-	269.0			
282.2	-	-	-	-	-	-	19.6	-	-	20.7	21.8	-	-	-	-	-	282.2			
288.7	-	-	-	-	-	-	-	-	-	17.9	18.7	-	-	-	-	-	288.7			
295.3	-	-	-	-	-	-	-	-	-	-	15.2	-	-	-	-	-	295.3			
298.6	-	-	-	-	-	-	-	-	-	-	13.9	-	-	-	-	-	298.6			


 286,600 lb
 
 374,800 lb
 
 463,000 lb
 
 551,200 lb

  49.2 - 108.3 ft  31.50 ft  32.2 ft/s 360° 75%												
236.2 ft												
49.2 ft			68.9 ft			88.6 ft			108.3 ft			
15°	20°	30°	15°	20°	30°	15°	20°	30°	15°	20°	30°	
1,000 lb												
ft												ft
45.9	551.2	-	-	-	-	-	-	-	-	-	-	45.9
52.5	531.3	537.9	-	513.7	-	-	-	-	-	-	-	52.5
59.1	467.4	474.0	335.1	463.0	392.4	-	385.8	-	-	-	-	59.1
65.6	414.5	421.1	332.9	412.3	392.4	-	385.8	-	308.6	-	-	65.6
68.9	392.4	399.0	329.6	391.3	384.7	244.7	377.0	297.6	308.6	-	-	68.9
72.2	370.4	377.0	326.3	370.4	377.0	244.7	368.2	297.6	308.6	-	-	72.2
75.5	351.6	358.3	323.0	351.6	358.3	242.5	350.5	294.3	305.3	233.7	-	75.5
78.7	332.9	339.5	319.7	332.9	339.5	240.3	332.9	291.0	302.0	233.7	-	78.7
82.0	317.5	323.0	316.4	317.5	324.1	237.0	317.5	285.5	183.0	294.3	233.7	82.0
85.3	302.0	306.4	313.1	302.0	308.6	233.7	302.0	280.0	183.0	286.6	233.7	85.3
91.9	273.4	277.8	286.6	275.6	280.0	227.1	275.6	271.2	180.8	275.6	224.9	91.9
98.4	249.1	253.5	260.1	251.3	255.7	220.5	253.5	260.1	175.3	251.3	217.2	98.4
111.5	209.4	212.7	219.4	211.6	216.1	210.5	213.8	219.4	166.4	213.8	201.7	111.5
124.7	177.5	179.7	185.2	179.7	184.1	190.7	181.9	187.4	158.7	183.0	188.5	124.7
137.8	148.3	150.5	154.9	152.1	156.0	161.5	156.0	159.8	151.0	157.1	162.0	137.8
150.9	122.9	124.6	129.0	126.8	130.1	135.6	131.2	135.0	138.9	133.9	138.3	150.9
164.0	101.7	103.2	107.0	105.3	108.2	113.4	109.7	113.5	120.0	112.7	117.0	164.0
177.2	83.8	85.3	88.6	87.5	90.2	94.7	91.9	95.1	101.1	94.5	98.4	177.2
190.3	69.1	70.7	73.1	72.6	74.7	78.3	76.3	78.9	84.5	78.5	82.2	190.3
203.4	56.2	57.3	59.5	59.3	61.4	64.8	63.2	65.8	70.3	65.4	68.6	203.4
216.5	45.4	46.4	48.2	48.4	50.0	52.8	51.8	53.9	58.0	53.6	56.6	216.5
223.1	40.3	41.2	42.8	43.2	44.8	47.2	46.5	48.5	52.2	48.3	51.1	223.1
229.7	35.8	36.7	-	38.6	40.0	42.3	41.9	43.8	47.3	43.5	46.2	229.7
242.8	27.4	28.2	-	30.0	31.1	33.1	33.0	34.8	37.8	34.7	36.9	242.8
249.3	23.6	24.3	-	26.0	27.1	-	28.9	30.6	33.3	30.6	32.6	249.3
255.9	20.1	-	-	22.5	23.5	-	25.4	26.9	29.3	26.9	28.8	255.9
259.2	18.3	-	-	20.7	21.7	-	23.6	25.0	27.3	25.0	27.0	259.2
269.0	-	-	-	15.9	16.5	-	18.5	19.8	-	19.8	21.7	269.0
278.9	-	-	-	11.2	-	-	13.8	15.0	-	15.1	16.8	278.9
282.2	-	-	-	-	-	-	12.3	13.4	-	13.6	15.2	282.2
285.4	-	-	-	-	-	-	-	11.9	-	12.1	13.7	285.4
288.7	-	-	-	-	-	-	-	-	-	-	12.1	288.7


286,600 lb

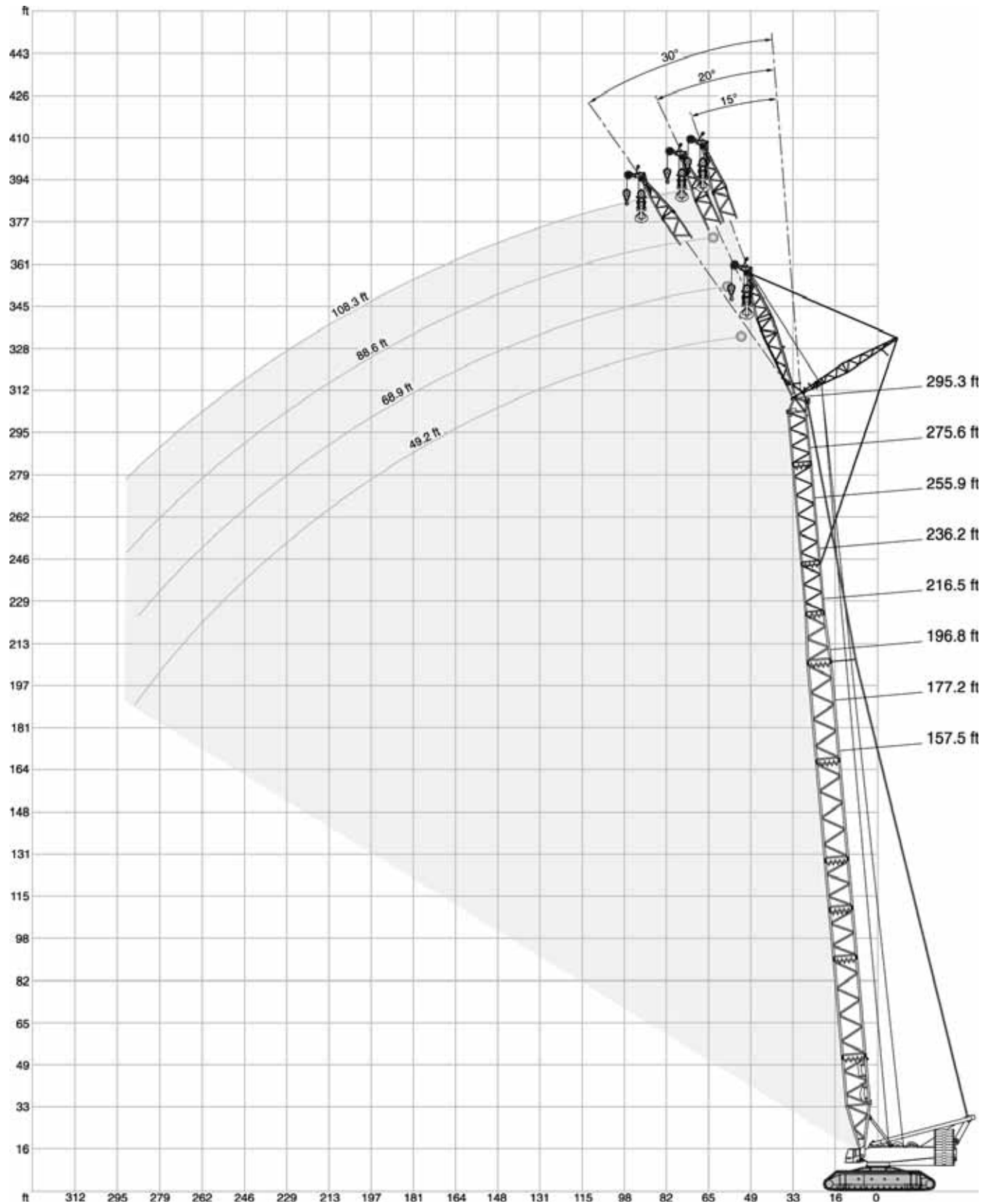
374,800 lb

463,000 lb

551,200 lb

 49.2 - 108.3 ft  31.50 ft  32.2 ft/s 360° 75%												
255.9 ft												
49.2 ft			68.9 ft			88.6 ft			108.3 ft			
15°	20°	30°	15°	20°	30°	15°	20°	30°	15°	20°	30°	
1,000 lb												
ft												ft
49.2	546.7	-	-	-	-	-	-	-	-	-	-	49.2
52.5	509.3	518.1	-	513.7	-	-	-	-	-	-	-	52.5
59.1	449.7	456.4	332.9	463.0	-	-	-	-	-	-	-	59.1
62.3	423.3	429.9	332.9	436.5	388.0	-	390.2	-	-	-	-	62.3
65.6	399.0	405.7	332.9	412.3	388.0	-	390.2	-	-	-	-	65.6
68.9	378.1	383.6	329.6	391.3	375.9	-	372.6	295.4	-	308.6	-	68.9
72.2	357.1	361.6	326.3	370.4	363.8	242.5	354.9	295.4	-	308.6	-	72.2
78.7	319.7	326.3	319.7	332.9	328.5	242.5	321.9	295.4	-	308.6	235.9	78.7
82.0	304.2	309.7	312.0	317.5	313.1	239.2	306.4	289.9	181.9	299.8	235.9	82.0
85.3	288.8	293.2	304.2	302.0	297.6	235.9	291.0	284.4	181.9	291.0	235.9	85.3
91.9	262.4	266.8	275.6	275.6	269.0	229.3	264.6	273.4	181.9	264.6	227.1	91.9
95.1	250.2	254.6	263.5	263.5	257.9	226.0	253.5	261.2	179.7	253.5	223.2	95.1
98.4	238.1	242.5	251.3	251.3	246.9	222.7	242.5	249.1	177.5	242.5	219.4	98.4
111.5	199.5	203.9	210.5	211.6	207.2	212.7	203.9	210.5	168.7	205.0	205.0	111.5
124.7	168.7	170.9	177.5	179.7	174.2	183.0	173.1	178.6	159.8	174.2	180.8	124.7
137.8	141.6	144.4	149.4	152.1	148.8	156.0	148.3	152.7	152.7	149.4	154.9	137.8
150.9	117.3	119.5	123.5	126.8	124.6	131.2	125.7	129.5	137.8	127.9	132.8	150.9
164.0	95.9	98.1	101.6	105.3	102.8	108.8	104.7	108.2	116.1	107.8	112.3	164.0
177.2	78.2	80.1	83.2	87.5	84.4	89.7	86.1	89.9	96.5	89.2	93.5	177.2
190.3	62.8	64.7	67.7	72.6	69.1	73.5	70.9	74.0	79.4	73.4	77.0	190.3
203.4	50.3	51.7	54.2	59.3	55.6	59.3	57.4	60.1	65.5	59.7	63.3	203.4
216.5	39.2	40.5	42.7	48.4	44.2	47.5	46.0	48.5	52.9	48.2	51.3	216.5
229.7	29.7	30.6	32.3	38.6	34.0	36.9	35.9	38.1	42.1	37.9	40.7	229.7
236.2	25.1	26.0	27.8	34.0	29.5	32.0	31.3	33.3	37.0	33.1	35.7	236.2
242.8	21.2	22.0	-	30.0	25.4	27.7	27.1	29.1	32.4	28.9	31.3	242.8
255.9	13.7	14.4	-	22.5	17.5	19.4	19.3	21.1	24.0	20.9	23.3	255.9
259.2	11.9	12.6	-	20.7	15.7	-	17.5	19.1	22.0	19.1	21.3	259.2
265.7	-	-	-	17.4	12.1	-	14.0	15.5	18.3	15.5	17.7	265.7
269.0	-	-	-	15.9	-	-	12.3	13.8	16.5	13.8	16.0	269.0
272.3	-	-	-	14.3	-	-	-	12.1	14.8	12.1	14.3	272.3
275.6	-	-	-	12.8	-	-	-	-	13.0	-	12.6	275.6
278.9	-	-	-	11.2	-	-	-	-	-	-	-	278.9
282.2	-	-	-	-	-	-	-	-	-	-	12.3	282.2

286,600 lb	374,800 lb	463,000 lb	551,200 lb
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 49.2 - 108.3 ft  31.50 ft  32.2 ft/s 360° 75%												
157.5 ft												
49.2 ft			68.9 ft			88.6 ft			108.3 ft			
15°	20°	30°	15°	20°	30°	15°	20°	30°	15°	20°	30°	
1,000 lb												
ft												ft
39.4	551.2	-	-	-	-	-	-	-	-	-	-	39.4
42.7	551.2	551.2	-	-	-	-	-	-	-	-	-	42.7
45.9	551.2	551.2	-	-	-	-	-	-	-	-	-	45.9
49.2	551.2	551.2	343.9	524.7	-	-	-	-	-	-	-	49.2
52.5	551.2	540.1	340.6	507.1	407.9	-	394.6	-	-	-	-	52.5
59.1	537.9	514.8	332.9	474.0	395.7	-	388.0	308.6	-	315.3	-	59.1
62.3	524.7	500.4	328.5	458.6	383.6	251.3	381.4	308.6	-	315.3	-	62.3
65.6	497.1	487.2	323.0	444.2	373.7	248.0	370.4	303.1	-	310.9	-	65.6
68.9	469.6	474.0	317.5	429.9	363.8	244.7	359.4	297.6	-	306.4	246.9	68.9
72.2	447.5	451.9	313.8	418.1	354.2	240.3	349.1	289.5	187.4	297.6	241.8	72.2
78.7	403.4	407.9	306.4	394.6	335.1	231.5	328.5	273.4	187.4	280.0	231.5	78.7
85.3	363.8	367.1	297.6	361.6	319.7	223.2	310.9	260.1	180.8	265.7	220.5	85.3
91.9	324.1	326.3	288.8	328.5	304.2	215.0	293.2	246.9	174.2	251.3	209.4	91.9
98.4	295.4	297.6	280.0	298.7	288.8	208.3	278.9	235.9	167.6	238.1	199.5	98.4
111.5	245.8	248.0	250.2	248.0	251.3	195.7	246.9	215.5	155.4	214.4	181.3	111.5
124.7	208.3	210.0	212.2	210.5	212.7	184.6	212.7	198.4	145.5	195.1	166.4	124.7
137.8	179.7	180.4	182.6	181.5	183.4	173.4	183.7	180.8	137.1	177.5	154.3	137.8
150.9	155.4	155.4	157.6	156.5	157.6	160.9	158.7	160.9	129.0	159.8	143.3	150.9
164.0	137.1	137.1	138.2	138.2	139.3	141.8	139.6	141.8	123.1	140.7	133.7	164.0
167.3	132.5	132.5	133.4	133.6	134.7	137.1	134.8	137.1	121.6	136.0	131.4	167.3
177.2	120.9	120.7	-	122.0	122.9	124.6	123.2	124.9	117.6	124.0	122.7	177.2
183.7	113.9	113.5	-	115.0	115.8	116.8	116.3	117.6	115.0	116.9	116.5	183.7
190.3	106.9	-	-	108.0	108.7	-	109.3	110.2	112.4	109.8	110.2	190.3
203.4	-	-	-	96.7	97.0	-	98.0	98.9	100.1	98.2	99.2	203.4
210.0	-	-	-	91.1	-	-	92.4	93.3	-	92.4	93.7	210.0
216.5	-	-	-	-	-	-	87.5	88.2	-	87.5	88.7	216.5
223.1	-	-	-	-	-	-	82.7	83.1	-	82.7	83.7	223.1
229.7	-	-	-	-	-	-	77.8	-	-	77.8	78.7	229.7
239.5	-	-	-	-	-	-	-	-	-	71.8	72.3	239.5
242.8	-	-	-	-	-	-	-	-	-	69.7	-	242.8
249.3	-	-	-	-	-	-	-	-	-	65.7	-	249.3


 286,600 lb
 374,800 lb
 463,000 lb
 551,200 lb

49.2 - 108.3 ft													31.50 ft	32.2 ft/s	360°	75%
177.2 ft																
49.2 ft				68.9 ft			88.6 ft			108.3 ft						
15°	20°	30°		15°	20°	30°	15°	20°	30°	15°	20°	30°				
1,000 lb																
ft													ft			
42.7	551.2	-	-	-	-	-	-	-	-	-	-	-	42.7			
45.9	551.2	551.2	-	-	-	-	-	-	-	-	-	-	45.9			
49.2	551.2	551.2	-	515.9	-	-	-	-	-	-	-	-	49.2			
52.5	551.2	544.5	339.5	507.1	401.2	-	-	-	-	-	-	-	52.5			
55.8	551.2	537.9	339.5	498.2	401.2	-	401.2	-	-	-	-	-	55.8			
59.1	528.0	524.7	335.1	482.8	395.7	-	394.6	-	-	-	-	-	59.1			
62.3	504.9	511.5	330.7	467.4	390.2	249.1	388.0	313.1	-	319.7	-	-	62.3			
65.6	478.4	483.9	326.3	454.2	380.3	249.1	377.0	308.6	-	315.3	-	-	65.6			
68.9	451.9	456.4	321.9	440.9	370.4	249.1	366.0	304.2	-	310.9	244.7	-	68.9			
72.2	430.6	435.0	318.2	421.8	362.3	244.0	355.7	296.2	-	302.0	241.8	-	72.2			
75.5	409.3	413.7	314.5	402.7	354.2	238.8	345.4	288.1	189.6	293.2	238.8	-	75.5			
78.7	388.0	392.4	310.9	383.6	346.1	233.7	335.1	280.0	189.6	284.4	235.9	-	78.7			
85.3	353.8	357.1	303.1	352.7	330.7	226.5	319.7	266.8	183.0	271.2	224.9	146.6	85.3			
91.9	319.7	321.9	295.4	321.9	315.3	219.4	304.2	253.5	176.4	257.9	213.8	145.5	91.9			
98.4	291.0	293.2	282.2	293.2	292.1	212.7	286.6	242.5	170.3	245.8	204.5	140.0	98.4			
111.5	241.4	242.5	246.9	243.6	246.9	200.6	246.9	222.7	158.7	223.2	186.8	130.1	111.5			
124.7	203.9	204.5	207.8	206.1	208.3	189.6	208.3	203.9	148.8	202.8	172.0	121.8	124.7			
137.8	174.9	176.0	177.8	176.7	178.9	174.9	178.9	181.1	140.7	180.0	159.5	114.6	137.8			
150.9	149.9	151.0	152.1	151.0	153.2	156.5	153.2	155.4	133.4	154.3	147.7	107.8	150.9			
164.0	131.5	131.9	133.7	132.6	134.1	136.7	134.8	136.3	126.8	135.2	134.5	102.4	164.0			
177.2	115.2	115.4	116.5	116.4	117.5	119.5	118.5	119.6	118.3	118.7	120.7	97.4	177.2			
180.4	111.6	111.9	112.4	112.9	114.0	115.9	114.9	116.1	115.7	115.2	117.2	96.3	180.4			
190.3	100.8	101.4	-	102.3	103.4	104.9	104.1	105.4	108.0	104.7	106.5	93.0	190.3			
200.1	91.8	91.9	-	93.3	94.2	95.5	95.0	96.3	98.8	95.6	97.3	90.4	200.1			
203.4	88.8	-	-	90.2	91.2	-	92.0	93.3	95.7	92.5	94.3	89.5	203.4			
206.7	85.8	-	-	87.2	88.1	-	89.0	90.3	92.6	89.5	91.2	88.6	206.7			
216.5	-	-	-	79.3	79.8	-	81.1	82.2	83.8	81.4	83.0	83.6	216.5			
219.8	-	-	-	76.8	77.2	-	78.6	79.7	-	78.9	80.5	81.5	219.8			
226.4	-	-	-	71.9	-	-	73.7	74.6	-	73.9	75.3	77.3	226.4			
229.7	-	-	-	-	-	-	71.2	72.1	-	71.4	72.8	75.2	229.7			
236.2	-	-	-	-	-	-	67.0	67.8	-	67.1	68.4	70.5	236.2			
239.5	-	-	-	-	-	-	64.9	65.7	-	65.0	66.3	-	239.5			
242.8	-	-	-	-	-	-	62.8	-	-	62.8	64.1	-	242.8			
246.1	-	-	-	-	-	-	61.1	-	-	61.0	61.9	-	246.1			
255.9	-	-	-	-	-	-	-	-	-	55.6	56.4	-	255.9			
265.7	-	-	-	-	-	-	-	-	-	50.5	-	-	265.7			

286,600 lb 374,800 lb 463,000 lb 551,200 lb

 49.2 - 108.3 ft  31.50 ft  32.2 ft/s 360° 75%												
196.9 ft												
49.2 ft			68.9 ft			88.6 ft			108.3 ft			
15°	20°	30°	15°	20°	30°	15°	20°	30°	15°	20°	30°	
1,000 lb												
ft												ft
42.7	551.2	-	-	-	-	-	-	-	-	-	-	42.7
45.9	551.2	551.2	-	-	-	-	-	-	-	-	-	45.9
49.2	551.2	551.2	-	507.1	-	-	-	-	-	-	-	49.2
52.5	550.1	550.1	-	507.1	-	-	-	-	-	-	-	52.5
55.8	549.0	549.0	337.3	507.1	405.7	-	394.6	-	-	-	-	55.8
59.1	518.1	520.3	335.1	491.6	401.2	-	394.6	-	-	-	-	59.1
62.3	487.2	491.6	332.9	476.2	396.8	-	394.6	306.4	-	315.3	-	62.3
65.6	460.8	465.2	329.6	453.1	386.9	249.1	383.6	306.4	-	315.3	-	65.6
72.2	413.7	418.1	322.6	410.1	368.9	243.6	363.0	299.8	-	307.2	240.3	72.2
75.5	393.2	397.6	318.9	390.2	360.8	240.9	353.5	293.2	187.4	299.1	240.3	75.5
78.7	372.6	377.0	315.3	370.4	352.7	238.1	343.9	286.6	187.4	291.0	240.3	78.7
85.3	341.7	345.0	307.5	339.5	332.9	230.4	325.2	273.4	183.0	276.7	229.3	85.3
88.6	326.3	329.0	303.7	324.1	323.0	226.5	315.8	266.8	180.8	269.5	223.8	88.6
91.9	310.9	313.1	299.8	308.6	313.1	222.7	306.4	260.1	178.6	262.4	218.3	91.9
98.4	284.4	286.6	282.2	284.4	288.8	216.1	284.4	249.1	172.5	251.3	208.9	98.4
111.5	236.4	238.7	242.5	239.2	242.5	203.9	241.4	229.3	161.5	229.8	191.8	111.5
124.7	198.4	200.1	203.4	201.2	203.4	193.5	203.9	205.6	152.1	203.9	176.9	124.7
137.8	169.4	170.5	173.4	171.6	173.4	176.4	174.5	177.5	144.0	175.6	164.2	137.8
150.9	144.4	145.5	147.7	146.6	147.7	152.1	148.8	151.0	136.7	149.9	153.2	150.9
164.0	125.3	126.4	128.6	127.5	129.3	132.3	129.7	131.9	129.3	130.8	133.4	164.0
177.2	108.5	109.5	111.5	110.6	112.5	114.8	112.8	114.9	118.2	113.8	116.1	177.2
190.3	93.9	94.8	96.3	95.9	97.2	99.6	98.1	100.1	103.4	99.0	101.4	190.3
193.6	90.9	91.8	92.8	92.9	94.1	96.5	95.0	96.9	100.2	95.9	98.2	193.6
203.4	82.0	82.7	-	83.7	84.7	86.9	85.8	87.5	90.5	86.5	88.6	203.4
213.3	73.5	74.1	-	75.1	75.9	77.6	77.0	78.6	81.3	77.7	79.7	213.3
216.5	70.9	71.4	-	72.5	73.4	-	74.5	76.1	78.6	75.1	77.1	216.5
226.4	63.9	-	-	65.1	65.9	-	66.8	68.5	70.6	67.5	69.4	226.4
229.7	-	-	-	62.8	63.5	-	64.6	65.9	67.9	65.0	66.8	229.7
232.9	-	-	-	60.8	61.4	-	62.6	63.8	65.5	63.0	64.7	232.9
236.2	-	-	-	58.8	59.3	-	60.6	61.7	-	60.9	62.5	236.2
242.8	-	-	-	54.7	-	-	56.5	57.5	-	56.8	58.3	242.8
249.3	-	-	-	-	-	-	52.5	53.4	-	52.7	54.0	249.3
252.6	-	-	-	-	-	-	50.7	51.4	-	50.9	52.2	252.6
255.9	-	-	-	-	-	-	48.9	-	-	49.0	50.4	255.9
262.5	-	-	-	-	-	-	45.4	-	-	45.6	46.7	262.5
269.0	-	-	-	-	-	-	-	-	-	42.3	43.2	269.0
272.3	-	-	-	-	-	-	-	-	-	40.8	41.7	272.3
282.2	-	-	-	-	-	-	-	-	-	36.4	-	282.2


 286,600 lb
 
 374,800 lb
 
 463,000 lb
 
 551,200 lb

49.2 - 108.3 ft													31.50 ft	32.2 ft/s	360°	75%
216.5 ft																
49.2 ft				68.9 ft			88.6 ft			108.3 ft						
15°	20°	30°		15°	20°	30°	15°	20°	30°	15°	20°	30°				
1,000 lb																
ft													ft			
45.9	551.2	-	-	-	-	-	-	-	-	-	-	-	45.9			
49.2	551.2	551.2	-	-	-	-	-	-	-	-	-	-	49.2			
52.5	541.2	544.5	-	522.5	-	-	-	-	-	-	-	-	52.5			
55.8	531.3	537.9	348.3	522.5	416.7	-	-	-	-	-	-	-	55.8			
59.1	501.6	507.1	346.1	493.8	414.5	-	405.7	-	-	-	-	-	59.1			
65.6	446.4	450.8	340.6	440.9	401.2	260.1	399.0	315.3	-	319.7	-	-	65.6			
72.2	401.2	405.7	333.6	397.6	381.4	252.4	380.7	303.1	-	312.0	255.7	-	72.2			
78.7	361.6	366.0	326.3	359.4	363.8	244.7	357.1	291.0	194.0	304.2	242.5	-	78.7			
85.3	331.8	335.1	318.6	329.6	334.0	237.0	327.4	278.9	187.4	288.8	232.6	-	85.3			
88.6	316.9	319.7	314.7	314.7	319.1	233.1	312.5	272.8	184.1	281.1	227.6	151.0	88.6			
91.9	302.0	304.2	310.9	299.8	304.2	229.3	297.6	266.8	180.8	273.4	222.7	147.7	91.9			
98.4	278.9	281.1	286.6	276.7	281.1	222.7	275.6	255.7	174.7	260.1	213.3	142.7	98.4			
111.5	234.2	236.4	240.3	234.8	238.1	210.0	236.4	233.7	163.7	232.6	196.2	133.4	111.5			
124.7	196.2	197.9	201.2	199.0	201.2	196.8	202.3	205.6	154.3	202.3	181.3	125.1	124.7			
137.8	166.8	168.3	171.2	169.0	171.2	176.4	172.3	175.3	146.2	173.4	166.4	117.9	137.8			
150.9	141.1	143.3	145.5	143.3	145.5	149.9	146.6	148.8	138.9	147.7	151.0	111.3	150.9			
164.0	122.7	124.2	126.4	124.9	126.4	130.1	127.5	129.7	128.6	128.6	131.2	106.3	164.0			
177.2	105.9	107.0	109.1	108.0	109.3	112.4	110.2	112.4	115.9	111.3	113.6	101.6	177.2			
190.3	90.6	91.7	93.5	92.4	94.1	96.8	94.8	96.8	100.8	95.7	98.3	97.2	190.3			
203.4	78.6	79.5	80.8	80.2	81.6	84.0	82.3	84.1	87.5	83.2	85.5	87.8	203.4			
206.7	75.5	76.5	77.6	77.1	78.5	80.8	79.2	81.0	84.2	80.1	82.3	85.5	206.7			
216.5	67.5	68.3	-	69.0	69.9	72.0	70.8	72.5	75.5	71.5	73.7	77.7	216.5			
226.4	60.5	61.1	-	61.7	62.6	64.2	63.4	64.8	67.5	63.9	65.9	69.5	226.4			
229.7	58.2	58.6	-	59.3	60.2	-	61.1	62.4	65.0	61.5	63.5	66.8	229.7			
232.9	56.2	56.4	-	57.2	58.1	-	59.0	60.3	62.8	59.4	61.3	64.6	232.9			
242.8	50.0	-	-	51.0	51.9	-	52.8	54.0	56.0	53.1	54.8	57.8	242.8			
246.1	-	-	-	48.9	49.8	-	50.8	51.9	53.8	51.0	52.7	55.6	246.1			
252.6	-	-	-	45.5	46.1	-	47.0	47.8	-	47.2	48.5	51.4	252.6			
255.9	-	-	-	43.8	-	-	45.3	46.1	-	45.5	46.7	49.4	255.9			
262.5	-	-	-	40.3	-	-	42.0	42.7	-	42.0	43.2	45.5	262.5			
265.7	-	-	-	-	-	-	40.3	41.0	-	40.3	41.4	43.7	265.7			
269.0	-	-	-	-	-	-	38.6	39.2	-	38.6	39.7	-	269.0			
278.9	-	-	-	-	-	-	34.2	-	-	34.2	35.2	-	278.9			
282.2	-	-	-	-	-	-	-	-	-	32.7	33.7	-	282.2			
288.7	-	-	-	-	-	-	-	-	-	29.8	30.6	-	288.7			
295.3	-	-	-	-	-	-	-	-	-	27.2	-	-	295.3			
298.6	-	-	-	-	-	-	-	-	-	26.0	-	-	298.6			

286,600 lb 374,800 lb 463,000 lb 551,200 lb

 49.2 - 108.3 ft  31.50 ft  32.2 ft/s 360° 75%												
236.2 ft												
49.2 ft			68.9 ft			88.6 ft			108.3 ft			
15°	20°	30°	15°	20°	30°	15°	20°	30°	15°	20°	30°	
1,000 lb												
ft												ft
45.9	551.2	-	-	-	-	-	-	-	-	-	-	45.9
49.2	551.2	549.0	-	-	-	-	-	-	-	-	-	49.2
52.5	531.3	533.5	-	-	-	-	-	-	-	-	-	52.5
59.1	482.8	489.4	339.5	477.3	399.0	-	394.6	-	-	-	-	59.1
65.6	431.0	436.5	335.1	426.6	395.7	-	390.2	308.6	-	306.4	-	65.6
68.9	407.9	412.3	330.7	403.4	392.4	249.1	385.8	305.3	-	305.3	-	68.9
72.2	388.7	393.2	327.8	385.1	379.2	247.7	372.6	302.0	-	304.2	-	72.2
75.5	369.6	374.1	324.8	366.7	366.0	246.2	359.4	298.7	-	303.1	242.5	75.5
78.7	350.5	354.9	321.9	348.3	352.7	244.7	346.1	295.4	186.3	302.0	242.5	78.7
85.3	320.8	325.2	312.0	319.7	324.1	238.1	317.5	283.3	184.1	289.9	233.7	85.3
91.9	291.0	295.4	302.0	291.0	295.4	231.5	288.8	271.2	181.9	277.8	224.9	91.9
98.4	269.0	272.3	278.9	267.9	272.3	225.4	266.8	260.1	176.4	261.2	216.1	98.4
111.5	228.2	230.4	235.9	227.6	232.0	213.3	228.2	232.6	165.9	227.6	199.5	111.5
124.7	192.9	194.6	199.0	194.6	198.4	196.8	196.8	200.6	157.1	196.8	185.2	124.7
137.8	163.5	165.0	168.7	165.7	168.7	173.1	169.0	172.0	149.5	170.1	168.3	137.8
150.9	137.8	140.0	142.2	140.0	142.2	146.6	143.3	145.5	142.2	144.4	147.7	150.9
164.0	118.8	120.2	123.1	120.9	123.1	126.8	123.5	126.4	128.2	125.3	127.9	164.0
177.2	101.7	102.7	105.5	103.6	105.7	108.9	105.9	108.9	113.2	107.7	110.2	177.2
190.3	86.4	87.5	89.5	88.2	89.9	93.0	90.6	93.0	97.2	91.7	94.6	190.3
203.4	73.9	74.7	76.8	75.7	77.5	80.1	78.1	80.2	84.0	79.1	81.6	203.4
216.5	63.3	64.2	65.5	64.7	66.1	68.2	66.8	68.4	71.7	67.6	69.4	216.5
223.1	58.4	59.2	60.2	59.8	61.1	63.1	61.7	63.3	66.2	62.5	64.4	223.1
229.7	53.6	54.2	-	54.9	56.0	58.0	56.7	58.2	61.1	57.3	59.3	229.7
239.5	47.5	48.1	-	48.5	49.5	51.1	50.0	51.8	54.3	50.7	52.7	239.5
242.8	45.5	46.1	-	46.5	47.5	-	48.1	49.6	52.1	48.6	50.5	242.8
249.3	41.7	42.1	-	42.5	43.4	-	44.3	45.6	47.8	44.5	46.3	249.3
255.9	38.3	-	-	39.2	40.0	-	40.9	42.0	43.9	41.0	42.7	255.9
259.2	36.6	-	-	37.5	38.3	-	39.1	40.2	41.9	39.2	40.9	259.2
265.7	-	-	-	34.1	34.8	-	35.7	36.6	-	35.7	37.3	265.7
269.0	-	-	-	32.4	-	-	34.0	34.8	-	34.0	35.5	269.0
278.9	-	-	-	28.2	-	-	29.3	30.4	-	29.3	30.7	278.9
282.2	-	-	-	-	-	-	27.9	28.9	-	27.9	29.1	282.2
285.4	-	-	-	-	-	-	26.5	27.3	-	26.5	27.7	285.4
295.3	-	-	-	-	-	-	22.6	-	-	22.6	23.7	295.3
298.6	-	-	-	-	-	-	21.4	-	-	21.4	22.4	298.6
305.1	-	-	-	-	-	-	-	-	-	18.9	19.8	305.1
308.4	-	-	-	-	-	-	-	-	-	17.6	-	308.4
315.0	-	-	-	-	-	-	-	-	-	15.4	-	315.0

286,600 lb	374,800 lb	463,000 lb	551,200 lb
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  49.2 - 108.3 ft  31.50 ft  32.2 ft/s 360° 75%												
255.9 ft												
49.2 ft			68.9 ft			88.6 ft			108.3 ft			
15°	20°	30°	15°	20°	30°	15°	20°	30°	15°	20°	30°	
1,000 lb												
ft												ft
49.2	551.2	-	-	-	-	-	-	-	-	-	-	49.2
52.5	523.6	533.5	-	-	-	-	-	-	-	-	-	52.5
55.8	496.0	502.7	-	-	-	-	-	-	-	-	-	55.8
59.1	468.5	474.0	341.7	461.9	412.3	-	-	-	-	-	-	59.1
62.3	440.9	445.3	341.7	436.5	412.3	-	383.6	-	-	-	-	62.3
65.6	417.8	422.2	340.6	414.5	405.7	-	383.6	-	-	-	-	65.6
68.9	394.6	399.0	339.5	392.4	399.0	-	383.6	315.3	-	293.2	-	68.9
72.2	376.3	380.7	336.6	374.1	380.7	257.9	367.4	310.1	-	293.2	-	72.2
75.5	357.9	362.3	333.6	355.7	362.3	254.6	351.3	305.0	-	293.2	251.3	75.5
78.7	339.5	343.9	330.7	337.3	343.9	251.3	335.1	299.8	-	293.2	249.1	78.7
82.0	325.2	329.6	321.3	323.5	329.6	247.5	321.3	293.8	192.9	289.4	244.2	82.0
85.3	310.9	315.3	312.0	309.7	315.3	243.6	307.5	287.7	190.0	285.5	239.2	85.3
91.9	282.2	286.6	293.2	282.2	286.6	235.9	280.0	275.6	184.1	277.8	229.3	91.9
98.4	260.1	264.6	270.1	260.1	264.6	229.3	259.0	259.0	178.6	256.8	220.5	98.4
111.5	221.0	224.9	229.3	221.0	224.9	217.2	221.6	226.0	168.1	219.9	203.9	111.5
124.7	188.5	191.3	195.1	190.1	192.9	197.9	191.3	195.1	159.3	190.1	188.5	124.7
137.8	160.6	162.4	165.7	163.5	165.7	170.9	165.0	168.3	151.8	165.0	169.0	137.8
150.9	135.6	136.7	140.0	137.8	140.0	144.4	140.0	143.3	144.4	142.2	145.5	150.9
164.0	115.9	117.3	120.2	118.1	120.2	124.6	120.2	123.5	127.5	122.4	125.7	164.0
177.2	98.3	99.8	102.3	100.4	102.4	106.5	102.5	105.6	110.8	104.4	107.6	177.2
190.3	82.9	84.2	86.4	84.7	86.6	90.2	87.1	89.7	94.4	88.2	91.3	190.3
203.4	70.4	71.6	73.4	72.0	73.6	76.9	74.1	76.7	81.0	75.3	78.3	203.4
216.5	59.5	60.7	62.3	61.0	62.6	65.3	63.3	65.2	68.7	64.0	66.6	216.5
229.7	49.8	50.7	52.0	51.1	52.5	54.7	53.1	54.9	58.0	53.6	56.0	229.7
236.2	45.9	46.7	47.6	47.0	48.3	50.3	48.9	50.4	53.3	49.3	51.4	236.2
242.8	41.9	42.6	-	42.9	44.1	46.0	44.8	46.1	48.8	45.0	47.1	242.8
255.9	34.6	35.1	-	35.4	36.4	37.7	37.0	38.4	40.8	37.3	39.2	255.9
265.7	29.5	30.0	-	30.2	31.1	-	31.7	33.1	35.2	32.0	33.8	265.7
269.0	28.0	-	-	28.7	29.3	-	30.0	31.3	33.3	30.2	32.0	269.0
272.3	26.6	-	-	27.2	27.8	-	28.5	29.5	31.7	28.7	30.3	272.3
275.6	25.1	-	-	25.8	26.3	-	27.1	28.1	-	27.3	28.7	275.6
282.2	-	-	-	22.9	23.4	-	24.3	25.2	-	24.3	25.7	282.2
292.0	-	-	-	18.8	-	-	20.1	20.9	-	20.1	21.4	292.0
295.3	-	-	-	17.6	-	-	18.9	19.6	-	18.8	20.1	295.3
301.8	-	-	-	-	-	-	16.4	17.0	-	16.2	17.4	301.8
308.4	-	-	-	-	-	-	13.9	-	-	13.7	14.8	308.4
315.0	-	-	-	-	-	-	11.7	-	-	11.5	12.4	315.0
318.2	-	-	-	-	-	-	-	-	-	-	11.2	318.2


286,600 lb

374,800 lb

463,000 lb

551,200 lb

  49.2 - 108.3 ft  31.50 ft  32.2 ft/s 360° 75%												
275.6 ft												
49.2 ft			68.9 ft			88.6 ft			108.3 ft			
15°	20°	30°	15°	20°	30°	15°	20°	30°	15°	20°	30°	
1,000 lb												
ft												ft
49.2	529.1	-	-	-	-	-	-	-	-	-	-	49.2
52.5	503.8	471.8	-	-	-	-	-	-	-	-	-	52.5
55.8	478.4	471.8	-	-	-	-	-	-	-	-	-	55.8
59.1	453.1	451.9	-	410.1	-	-	-	-	-	-	-	59.1
62.3	427.7	432.1	328.5	410.1	352.7	-	326.3	-	-	-	-	62.3
65.6	405.7	410.1	328.5	394.6	352.7	-	326.3	-	-	-	-	65.6
68.9	383.6	388.0	328.5	379.2	352.7	-	326.3	277.8	-	269.0	-	68.9
72.2	365.2	369.6	325.5	361.6	346.1	246.9	325.5	277.8	-	269.0	-	72.2
78.7	328.5	332.9	319.7	326.3	332.9	246.9	324.1	277.8	-	269.0	224.9	78.7
82.0	314.7	319.1	310.9	313.1	319.1	243.6	311.4	277.2	185.2	268.4	224.9	82.0
85.3	300.9	305.3	302.0	299.8	305.3	240.3	298.7	276.7	185.2	267.9	224.9	85.3
91.9	273.4	277.8	284.4	273.4	277.8	233.7	273.4	275.6	185.2	266.8	224.9	91.9
95.1	262.9	266.8	273.4	262.9	267.3	230.9	262.9	265.7	182.4	257.4	222.4	95.1
98.4	252.4	255.7	262.4	252.4	256.8	228.2	252.4	255.7	179.7	248.0	219.9	98.4
111.5	214.4	217.2	222.7	214.4	218.8	215.5	215.0	219.4	169.8	213.3	207.2	111.5
124.7	183.5	186.3	190.7	183.5	187.4	194.0	184.6	189.0	160.9	184.1	187.4	124.7
137.8	157.3	159.5	163.5	158.0	161.3	167.2	159.8	163.9	153.2	159.8	164.2	137.8
150.9	132.3	134.5	137.8	134.5	137.8	142.2	137.8	141.1	146.6	137.8	142.2	150.9
164.0	112.6	114.5	117.7	114.8	117.5	121.6	117.8	120.5	126.8	118.7	122.4	164.0
177.2	95.0	96.6	99.6	97.1	99.4	103.2	99.8	102.3	108.4	101.0	104.4	177.2
190.3	79.6	80.9	83.6	81.4	83.6	87.1	83.8	86.4	91.5	84.9	88.2	190.3
203.4	67.4	68.5	70.5	68.9	70.5	73.6	71.0	73.2	78.1	71.7	74.7	203.4
216.5	56.0	57.1	59.1	57.5	59.1	62.2	59.5	61.9	65.9	60.4	63.3	216.5
229.7	46.5	47.4	48.9	47.6	49.2	51.6	49.6	51.6	54.9	50.3	52.7	229.7
242.8	38.3	39.2	40.6	39.4	40.6	42.9	41.1	42.9	45.9	41.6	43.9	242.8
249.3	34.2	35.1	36.4	35.3	36.4	38.6	36.8	38.6	41.4	37.3	39.5	249.3
255.9	30.6	31.3	-	31.6	32.7	34.7	33.3	34.9	37.7	33.6	35.8	255.9
269.0	24.3	24.9	-	24.9	25.8	27.6	26.5	27.8	30.2	26.7	28.4	269.0
282.2	18.7	19.0	-	19.2	19.9	-	20.4	21.8	23.7	20.6	22.3	282.2
288.7	15.9	-	-	16.3	17.0	-	17.4	18.7	20.5	17.6	19.2	288.7
292.0	14.6	-	-	15.0	15.7	-	16.2	17.4	-	16.3	17.9	292.0
295.3	-	-	-	13.8	14.5	-	14.9	16.1	-	15.0	16.5	295.3
298.6	-	-	-	12.5	13.2	-	13.7	14.8	-	13.7	15.2	298.6
301.8	-	-	-	11.2	-	-	12.5	13.4	-	12.3	13.9	301.8
305.1	-	-	-	-	-	-	11.2	12.1	-	11.0	12.6	305.1
308.4	-	-	-	-	-	-	-	-	-	-	11.2	308.4



286,600 lb 374,800 lb 463,000 lb 551,200 lb

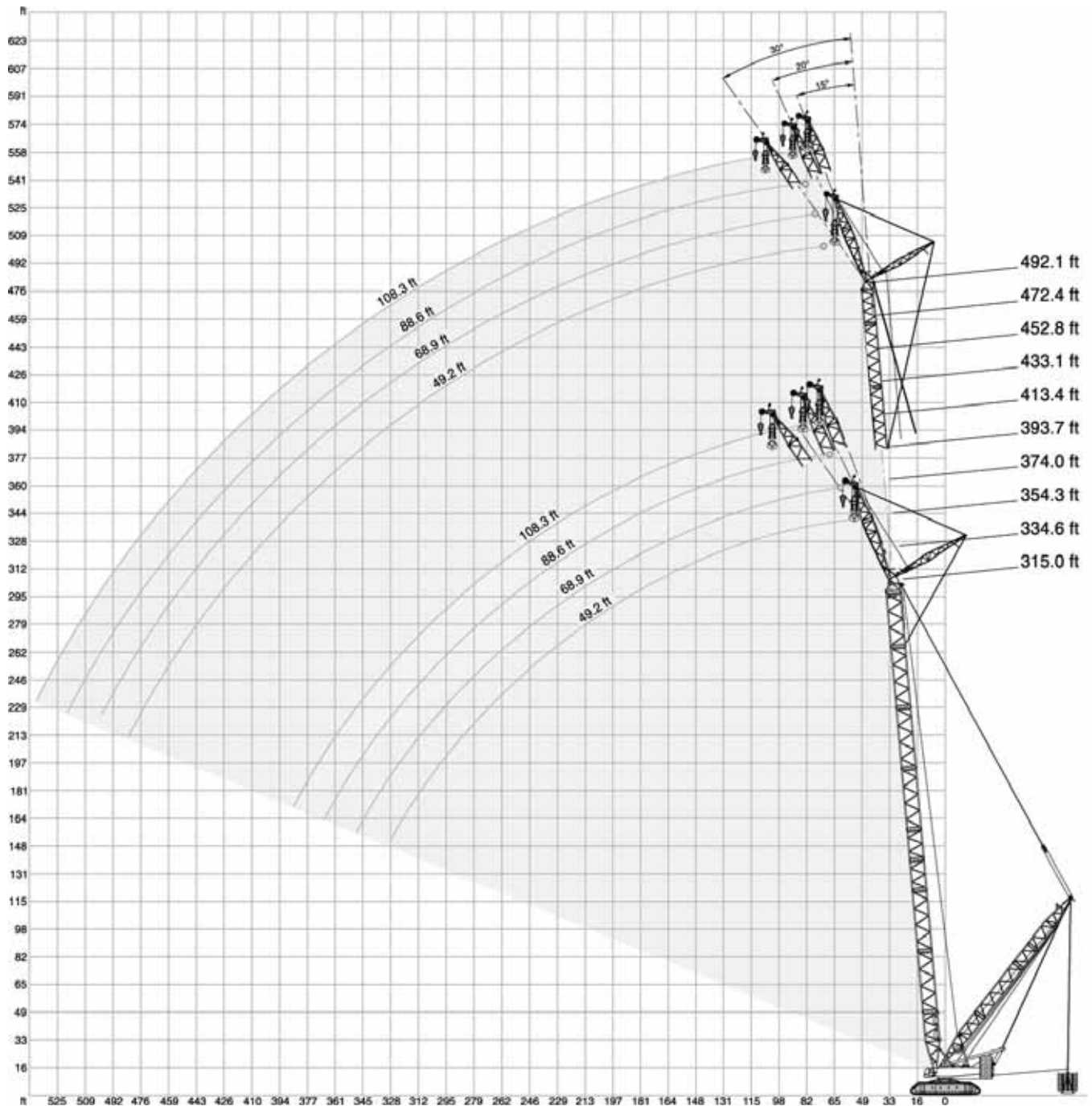
+ 49.2 - 108.3 ft 31.50 ft 32.2 ft/s 360° 75%												
295.3 ft												
49.2 ft			68.9 ft			88.6 ft			108.3 ft			
15°	20°	30°	15°	20°	30°	15°	20°	30°	15°	20°	30°	
1,000 lb												
ft												ft
52.5	480.6	-	-	-	-	-	-	-	-	-	-	52.5
55.8	463.0	454.2	-	-	-	-	-	-	-	-	-	55.8
59.1	437.6	436.5	-	392.4	-	-	-	-	-	-	-	59.1
62.3	412.3	418.9	330.7	392.4	363.8	-	-	-	-	-	-	62.3
65.6	391.3	396.8	330.7	380.3	363.8	-	321.9	-	-	-	-	65.6
72.2	352.7	357.1	329.2	351.3	350.5	-	318.6	293.2	-	260.1	-	72.2
75.5	335.1	339.5	327.8	334.4	337.3	255.7	316.9	293.2	-	260.1	-	75.5
78.7	317.5	321.9	326.3	317.5	324.1	253.5	315.3	293.2	-	260.1	238.1	78.7
85.3	291.0	295.4	300.9	291.0	296.5	246.9	289.9	282.2	188.5	260.1	235.9	85.3
91.9	264.6	269.0	275.6	264.6	269.0	240.3	264.6	271.2	186.3	260.1	233.7	91.9
95.1	254.1	258.5	264.6	254.1	258.5	237.0	254.1	260.7	183.5	250.8	229.6	95.1
98.4	243.6	248.0	253.5	243.6	248.0	233.7	243.6	250.2	180.8	241.4	225.4	98.4
111.5	206.7	210.0	215.0	206.7	210.5	214.4	207.2	212.7	170.9	206.7	206.7	111.5
124.7	176.9	179.1	184.1	176.9	180.2	187.4	178.0	182.4	162.6	177.5	183.0	124.7
137.8	151.8	154.0	158.0	152.5	155.4	161.7	153.6	157.6	153.6	153.6	158.7	137.8
150.9	129.0	131.2	134.5	131.2	133.4	138.9	132.3	135.6	143.3	132.3	136.7	150.9
164.0	109.0	110.9	114.2	111.2	113.7	118.6	113.5	116.8	123.5	114.5	118.6	164.0
177.2	91.1	92.7	96.0	93.2	95.8	100.2	96.0	99.2	105.1	97.4	101.3	177.2
190.3	75.6	77.2	79.8	77.6	79.8	83.8	80.0	82.9	88.2	81.1	84.7	190.3
203.4	63.3	64.7	67.0	65.0	67.0	70.3	67.2	69.7	74.1	68.2	71.1	203.4
216.5	52.2	53.3	55.1	53.5	55.1	58.4	55.6	57.9	62.3	56.4	59.3	216.5
229.7	42.3	43.4	45.2	43.7	45.2	47.8	45.6	47.6	51.4	46.3	48.9	229.7
242.8	34.0	35.1	36.7	35.3	36.7	39.0	37.1	38.9	42.4	37.6	40.0	242.8
255.9	26.6	27.4	28.7	27.6	28.7	30.9	29.1	30.9	34.0	29.5	31.7	255.9
262.5	23.2	24.0	25.1	24.2	25.3	27.2	25.7	27.3	30.0	26.0	28.0	262.5
269.0	19.8	20.5	-	20.7	21.8	23.6	22.3	23.8	26.5	22.5	24.5	269.0
282.2	14.3	14.8	-	14.8	15.8	17.2	16.2	17.6	20.0	16.5	18.2	282.2
288.7	11.5	11.9	-	11.9	12.8	-	13.2	14.6	16.8	13.4	15.0	288.7
292.0	-	-	-	-	11.5	-	11.9	13.2	15.3	11.9	13.7	292.0
295.3	-	-	-	-	-	-	-	11.9	13.9	-	12.3	295.3
301.8	-	-	-	-	-	-	-	-	11.0	-	-	301.8

286,600 lb

374,800 lb

463,000 lb

551,200 lb



551,200 lb + 176,400 lb 49.2-108.3 ft 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

216.5 ft															
49.2 ft				68.9 ft				88.6 ft				108.3 ft			
0 lb				0 lb – 992,100 lb				0 lb				0 lb – 992,100 lb			
15°				20°				30°				15°			
20°				30°				15°				20°			
30°				15°				20°				30°			
ft	1,000 lb														ft
45.9	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	45.9
49.2	551.2	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	49.2
52.5	551.2	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	52.5
55.8	551.2	551.2	551.2	352.7	520.3	526.9	-	-	-	-	-	-	-	-	55.8
59.1	551.2	551.2	544.5	352.7	507.1	513.7	412.3	-	394.6	410.1	-	-	-	-	59.1
65.6	511.5	551.2	524.7	343.9	478.4	485.0	394.6	-	394.6	399.0	313.1	-	315.3	326.3	65.6
68.9	486.1	551.2	512.6	339.5	466.3	472.9	385.8	249.1	383.6	388.0	309.7	-	315.3	321.9	68.9
72.2	460.8	551.2	500.4	335.1	454.2	460.8	377.0	249.1	372.6	377.0	306.4	-	315.3	317.5	72.2
75.5	438.7	551.2	490.5	330.7	434.3	449.7	369.3	244.7	363.8	368.2	299.8	-	307.5	309.7	75.5
78.7	416.7	551.2	480.6	326.3	414.5	438.7	361.6	240.3	354.9	359.4	293.2	189.6	299.8	302.0	78.7
85.3	374.8	549.0	463.0	317.5	377.0	416.7	346.1	233.7	339.5	341.7	280.0	186.3	284.4	286.6	85.3
91.9	335.1	542.3	445.3	308.6	341.7	399.0	332.9	227.1	324.1	326.3	269.0	180.8	271.2	273.4	91.9
98.4	313.1	520.3	429.9	302.0	306.4	383.6	321.9	220.5	308.6	313.1	257.9	175.3	260.1	262.4	98.4
111.5	255.7	478.4	401.2	286.6	260.1	352.7	299.8	209.4	257.9	286.6	238.1	166.4	238.1	240.3	111.5
124.7	212.7	443.1	377.0	273.4	218.3	328.5	280.0	198.4	222.7	264.6	220.5	156.5	220.5	220.5	124.7
137.8	178.6	414.5	356.0	261.2	183.5	305.3	262.4	190.1	188.5	244.7	207.2	148.3	191.3	203.9	137.8
150.9	150.5	390.2	337.3	251.3	154.9	286.6	246.9	182.4	159.8	228.2	194.6	141.1	162.0	189.6	150.9
164.0	127.3	369.3	321.9	243.6	131.2	269.0	233.7	175.3	135.6	213.3	183.5	135.0	137.8	176.9	164.0
177.2	107.8	349.4	307.5	237.0	111.2	253.5	221.6	168.7	115.5	200.6	173.6	129.5	117.7	165.3	177.2
190.3	90.9	331.8	294.3	230.4	94.5	240.3	211.1	162.6	98.5	189.6	164.8	124.6	100.6	155.4	190.3
203.4	76.4	316.4	283.3	225.6	79.8	228.2	202.3	157.6	83.7	179.7	157.6	120.2	85.6	147.2	203.4
206.7	73.0	312.5	280.5	224.9	76.4	225.4	200.3	156.5	80.2	177.5	156.0	119.0	82.2	145.2	206.7
216.5	63.8	303.1	273.4	-	67.0	217.7	194.6	153.8	70.7	170.9	151.0	116.3	72.5	139.4	216.5
226.4	55.4	294.9	266.8	-	58.4	210.8	189.3	151.0	61.9	164.8	146.3	113.8	63.7	134.2	226.4
229.7	52.8	292.1	264.6	-	55.8	208.9	187.9	-	59.3	163.1	145.0	113.0	61.0	132.8	229.7
232.9	50.2	289.4	262.4	-	53.1	207.0	186.6	-	56.7	161.5	143.6	112.2	58.3	131.5	232.9
242.8	43.0	282.2	-	-	45.9	201.2	182.4	-	49.3	156.5	140.0	110.6	50.8	127.3	242.8
246.1	-	-	-	-	43.5	199.2	181.1	-	46.9	154.9	138.9	110.2	48.4	125.9	246.1
252.6	-	-	-	-	39.2	195.9	178.6	-	42.4	151.8	136.7	-	44.0	123.2	252.6
255.9	-	-	-	-	37.1	194.6	-	-	40.3	150.5	135.6	-	41.9	121.8	255.9
262.5	-	-	-	-	33.1	191.8	-	-	36.2	147.7	133.4	-	37.7	119.0	262.5
265.7	-	-	-	-	-	-	-	-	34.3	146.6	132.6	-	35.8	117.9	265.7
269.0	-	-	-	-	-	-	-	-	32.4	145.5	131.9	-	33.8	116.8	269.0
272.3	-	-	-	-	-	-	-	-	30.5	144.4	131.2	-	31.9	115.7	272.3
282.2	-	-	-	-	-	-	-	-	25.1	142.2	-	-	26.6	113.0	282.2
288.7	-	-	-	-	-	-	-	-	-	-	-	-	23.1	111.3	288.7
295.3	-	-	-	-	-	-	-	-	-	-	-	-	20.1	110.5	295.3
298.6	-	-	-	-	-	-	-	-	-	-	-	-	18.5	110.0	298.6

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

551,200 lb + 176,400 lb 49.2-108.3 ft 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%																
236.2 ft 49.2 ft 68.9 ft 88.6 ft 108.3 ft 0 lb 0 lb – 992,100 lb 0 lb 0 lb – 992,100 lb 0 lb 0 lb – 992,100 lb 0 lb 0 lb – 992,100 lb 15° 20° 30° 15° 20° 30° 15° 20° 30° 15° 20° 30°																
ft	1,000 lb															ft
45.9	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	45.9
52.5	551.2	551.2	551.2	-	511.5	535.7	-	-	-	-	-	-	-	-	-	52.5
59.1	551.2	551.2	549.0	348.3	511.5	520.3	407.9	-	399.0	403.4	-	-	-	-	-	59.1
65.6	493.8	551.2	533.5	343.9	485.0	491.6	399.0	-	399.0	403.4	-	-	317.5	321.9	-	65.6
68.9	468.5	551.2	522.5	340.6	463.0	480.6	390.2	249.1	389.1	393.5	308.6	-	317.5	321.9	-	68.9
72.2	443.1	551.2	511.5	337.3	440.9	469.6	381.4	249.1	379.2	383.6	308.6	-	317.5	321.9	-	72.2
75.5	422.2	551.2	501.6	332.9	420.0	458.6	373.7	245.8	370.4	374.8	302.0	-	309.7	314.2	242.5	75.5
78.7	401.2	551.2	491.6	328.5	399.0	447.5	366.0	242.5	361.6	366.0	295.4	-	302.0	306.4	242.5	78.7
82.0	382.5	550.1	481.7	325.2	381.4	437.6	359.4	239.2	352.7	357.1	289.9	188.5	295.4	298.7	239.2	82.0
85.3	363.8	549.0	471.8	321.9	363.8	427.7	352.7	235.9	343.9	348.3	284.4	188.5	288.8	291.0	235.9	85.3
91.9	326.3	546.7	456.4	313.1	332.9	410.1	339.5	229.3	330.7	332.9	273.4	183.0	275.6	280.0	227.1	91.9
98.4	304.2	535.7	440.9	306.4	299.8	392.4	328.5	222.7	306.4	319.7	264.6	177.5	264.6	266.8	219.4	98.4
111.5	249.1	496.0	412.3	291.0	253.5	363.8	306.4	212.7	249.1	295.4	244.7	168.7	244.7	246.9	202.8	111.5
124.7	205.0	460.8	388.0	277.8	210.5	339.5	288.8	202.8	216.1	273.4	227.1	159.8	210.5	227.1	188.5	124.7
137.8	170.9	431.0	367.1	267.9	175.8	316.4	270.1	193.5	181.3	253.5	213.3	151.6	184.6	210.5	175.8	137.8
150.9	142.7	404.5	348.3	257.9	147.2	296.5	254.6	185.7	152.1	235.9	200.6	144.4	155.4	195.7	164.8	150.9
164.0	119.5	383.6	331.8	249.1	123.5	278.9	240.3	178.6	127.9	221.0	189.6	137.8	131.2	182.4	154.9	164.0
177.2	99.8	364.9	317.5	241.4	103.5	263.5	228.2	172.5	107.9	208.9	179.7	131.7	110.8	171.4	146.1	177.2
190.3	82.9	346.1	305.3	234.8	86.6	249.1	218.3	166.4	90.9	197.3	170.9	126.8	93.4	161.5	138.3	190.3
203.4	68.3	329.6	294.3	229.3	71.9	237.0	209.4	160.9	75.9	186.8	162.6	122.4	78.3	152.7	131.7	203.4
216.5	55.7	315.3	283.3	224.9	59.1	227.1	201.2	156.5	62.9	177.5	155.4	118.5	65.0	145.0	125.7	216.5
223.1	49.8	308.6	277.8	222.7	53.1	222.7	197.3	154.3	56.9	173.1	152.1	116.8	58.9	141.1	122.4	223.1
229.7	44.6	303.1	273.4	-	47.8	217.7	194.0	152.7	51.5	169.8	149.4	115.2	53.5	137.8	120.2	229.7
242.8	34.8	292.1	265.7	-	37.8	208.9	187.9	149.9	41.3	163.1	144.4	112.4	43.2	131.7	115.7	242.8
249.3	30.2	286.6	262.4	-	33.1	205.0	185.2	-	36.6	159.8	142.2	111.3	38.4	129.0	113.5	249.3
255.9	26.1	273.4	-	-	29.0	201.7	182.4	-	32.4	156.5	140.0	110.3	34.1	126.2	111.7	255.9
259.2	24.0	266.8	-	-	27.0	200.1	181.1	-	30.3	154.9	138.9	109.8	31.9	124.8	110.7	259.2
269.0	-	-	-	-	21.2	195.7	178.6	-	24.4	151.0	135.6	-	26.0	121.3	108.0	269.0
278.9	-	-	-	-	15.7	191.8	-	-	18.8	147.7	132.6	-	20.5	118.2	105.5	278.9
282.2	-	-	-	-	-	-	-	-	17.2	146.6	131.9	-	18.7	117.4	104.8	282.2
285.4	-	-	-	-	-	-	-	-	15.5	145.5	131.2	-	17.0	116.6	104.1	285.4
292.0	-	-	-	-	-	-	-	-	12.3	143.7	-	-	13.7	114.6	102.8	292.0
295.3	-	-	-	-	-	-	-	-	-	142.9	-	-	12.1	113.5	102.3	295.3
298.6	-	-	-	-	-	-	-	-	-	142.2	-	-	-	112.4	101.7	298.6
305.1	-	-	-	-	-	-	-	-	-	-	-	-	-	110.9	100.8	305.1
308.4	-	-	-	-	-	-	-	-	-	-	-	-	-	110.5	-	308.4
318.2	-	-	-	-	-	-	-	-	-	-	-	-	-	109.1	-	318.2

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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551,200 lb + 176,400 lb 49.2-108.3 ft 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

255.9 ft																			
49.2 ft					68.9 ft					88.6 ft					108.3 ft				
0 lb		0 lb – 992,100 lb			0 lb		0 lb – 992,100 lb			0 lb		0 lb – 992,100 lb			0 lb		0 lb – 992,100 lb		
15°		20°		30°	15°		20°		30°	15°		20°		30°	15°		20°		30°
ft	1,000 lb															ft			
49.2	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.2
52.5	551.2	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52.5
55.8	551.2	551.2	551.2	-	504.9	524.7	-	-	-	-	-	-	-	-	-	-	-	-	55.8
59.1	533.5	551.2	551.2	348.3	504.9	524.7	-	-	-	-	-	-	-	-	-	-	-	-	59.1
62.3	502.7	551.2	546.7	348.3	498.2	511.5	401.2	-	392.4	407.9	-	-	-	-	-	-	-	-	62.3
65.6	476.2	551.2	537.9	346.1	471.8	498.2	401.2	-	392.4	407.9	-	-	-	-	-	-	-	-	65.6
68.9	451.9	551.2	528.0	341.7	448.6	488.3	393.5	-	388.0	397.9	310.9	-	313.1	324.1	-	-	-	-	68.9
72.2	427.7	551.2	518.1	337.3	425.5	478.4	385.8	246.9	383.6	388.0	310.9	-	313.1	324.1	-	-	-	-	72.2
78.7	385.8	551.2	498.2	330.7	385.8	456.4	372.6	244.7	366.0	370.4	299.8	-	306.4	308.6	242.5	-	-	-	78.7
82.0	368.2	551.2	489.4	327.4	368.2	446.4	364.9	241.4	358.3	362.7	293.2	186.3	299.8	302.0	240.3	-	-	-	82.0
85.3	350.5	551.2	480.6	324.1	350.5	436.5	357.1	238.1	350.5	354.9	286.6	186.3	293.2	295.4	238.1	-	-	-	85.3
91.9	319.7	546.7	465.2	317.5	319.7	416.7	346.1	231.5	321.9	339.5	277.8	184.1	280.0	282.2	229.3	-	-	-	91.9
95.1	303.1	544.5	457.5	314.2	306.4	409.0	339.5	228.2	308.6	332.9	272.3	181.3	274.5	276.7	226.0	145.5	-	-	95.1
98.4	286.6	542.3	449.7	310.9	293.2	401.2	332.9	224.9	295.4	326.3	266.8	178.6	269.0	271.2	222.7	145.5	-	-	98.4
111.5	242.5	509.3	423.3	295.4	238.1	372.6	313.1	215.0	244.7	302.0	249.1	169.8	249.1	251.3	206.1	137.8	-	-	111.5
124.7	198.4	474.0	399.0	284.4	203.9	348.3	295.4	205.0	210.5	280.0	233.7	162.0	205.0	233.7	191.8	130.1	-	-	124.7
137.8	164.8	442.0	377.0	272.3	169.8	326.3	277.8	196.8	175.8	261.2	218.3	153.8	175.3	216.6	179.7	123.5	-	-	137.8
150.9	136.1	416.7	357.1	262.4	141.1	306.4	262.4	189.0	146.6	243.6	205.6	146.6	149.4	201.7	168.7	116.8	-	-	150.9
164.0	112.9	394.6	340.6	253.5	117.2	289.9	249.1	181.9	122.4	229.3	194.6	140.0	124.6	189.0	158.7	111.3	-	-	164.0
177.2	93.1	377.0	326.3	245.8	97.2	274.5	237.0	175.8	102.0	216.1	184.6	133.9	104.4	177.5	149.9	106.8	-	-	177.2
190.3	76.2	361.6	314.2	239.2	80.0	260.1	226.0	170.3	84.5	203.9	175.8	129.0	87.1	167.0	142.2	102.4	-	-	190.3
203.4	61.5	345.0	303.1	233.7	65.3	246.9	216.1	164.8	69.4	193.5	168.1	124.6	71.9	158.2	135.6	98.4	-	-	203.4
216.5	48.8	329.6	292.1	228.2	52.4	235.9	207.8	159.8	56.3	184.1	160.9	120.7	58.6	150.5	129.5	94.9	-	-	216.5
229.7	37.7	316.4	282.2	223.8	41.0	226.0	200.1	156.0	44.9	175.8	154.3	117.4	47.0	143.3	124.0	91.8	-	-	229.7
236.2	32.4	310.9	277.8	222.7	35.7	220.5	196.2	154.3	39.5	172.0	151.0	115.7	41.4	140.0	121.3	90.4	-	-	236.2
242.8	27.9	303.1	273.4	-	31.0	216.6	193.5	152.7	34.7	168.7	148.3	114.1	36.6	136.7	119.0	89.1	-	-	242.8
255.9	19.2	278.9	265.7	-	22.0	209.4	187.9	149.9	25.7	162.0	143.3	111.3	27.4	130.6	114.6	86.6	-	-	255.9
265.7	13.1	255.7	255.7	-	15.9	204.5	184.1	-	19.5	157.6	140.3	109.9	21.2	126.8	111.6	85.0	-	-	265.7
269.0	11.2	251.3	-	-	14.0	202.8	183.0	-	17.5	156.5	139.4	109.6	19.3	125.7	110.8	84.5	-	-	269.0
272.3	-	246.9	-	-	12.1	201.2	181.9	-	15.6	154.9	138.6	109.2	17.4	124.6	110.0	84.1	-	-	272.3
275.6	-	242.5	-	-	-	199.5	180.8	-	13.7	153.2	137.8	108.9	15.4	123.5	109.1	83.6	-	-	275.6
278.9	-	-	-	-	-	198.1	179.7	-	11.9	152.1	136.7	-	13.7	122.4	108.4	83.2	-	-	278.9
282.2	-	-	-	-	-	196.8	178.6	-	-	151.0	135.6	-	11.9	121.3	107.6	82.9	-	-	282.2
285.4	-	-	-	-	-	195.4	177.5	-	-	149.9	134.5	-	-	120.2	106.8	82.6	-	-	285.4
292.0	-	-	-	-	-	192.9	-	-	-	147.7	132.8	-	-	118.2	105.3	81.8	-	-	292.0
295.3	-	-	-	-	-	191.8	-	-	-	146.6	132.3	-	-	117.4	104.6	-	-	-	295.3
301.8	-	-	-	-	-	-	-	-	-	144.4	131.2	-	-	115.7	103.2	-	-	-	301.8
308.4	-	-	-	-	-	-	-	-	-	142.7	-	-	-	114.1	102.1	-	-	-	308.4
315.0	-	-	-	-	-	-	-	-	-	141.1	-	-	-	112.4	101.0	-	-	-	315.0
321.5	-	-	-	-	-	-	-	-	-	-	-	-	-	111.1	100.1	-	-	-	321.5
334.6	-	-	-	-	-	-	-	-	-	-	-	-	-	108.7	-	-	-	-	334.6

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

551,200 lb + 176,400 lb 49.2-108.3 ft 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%																		
275.6 ft																		
49.2 ft				68.9 ft				88.6 ft				108.3 ft						
0 lb		0 lb – 992,100 lb		0 lb		0 lb – 992,100 lb		0 lb		0 lb – 992,100 lb		0 lb		0 lb – 992,100 lb				
15°		20°		30°		15°		20°		30°		15°		20°		30°		
ft	1,000 lb																	ft
49.2	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.2	
52.5	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52.5	
55.8	544.5	551.2	551.2	-	509.3	529.1	-	-	-	-	-	-	-	-	-	-	55.8	
59.1	513.7	551.2	551.2	-	507.1	529.1	-	-	-	-	-	-	-	-	-	-	59.1	
62.3	485.0	551.2	551.2	346.1	480.6	515.9	405.7	-	388.0	401.2	-	-	-	-	-	-	62.3	
65.6	458.6	551.2	542.3	346.1	454.2	504.9	405.7	-	388.0	401.2	-	-	-	-	-	-	65.6	
72.2	410.1	551.2	524.7	339.5	410.1	482.8	390.2	249.1	388.0	392.4	306.4	-	308.6	319.7	-	-	72.2	
78.7	370.4	551.2	504.9	332.9	370.4	463.0	377.0	244.7	370.4	374.8	302.0	-	308.6	313.1	240.3	-	78.7	
85.3	337.3	551.2	489.4	326.3	337.3	445.3	363.8	238.1	337.3	359.4	291.0	187.4	295.4	299.8	240.3	-	85.3	
91.9	306.4	551.2	474.0	319.7	308.6	427.7	350.5	233.7	308.6	346.1	280.0	185.2	284.4	286.6	231.5	-	91.9	
95.1	293.2	547.8	467.4	316.4	295.4	418.9	345.0	230.4	295.4	339.5	275.6	182.4	278.9	281.1	228.2	144.4	95.1	
98.4	280.0	544.5	460.8	313.1	282.2	410.1	339.5	227.1	282.2	332.9	271.2	179.7	273.4	275.6	224.9	144.4	98.4	
111.5	233.7	522.5	432.1	299.8	231.5	381.4	319.7	217.2	238.1	308.6	253.5	172.0	240.3	255.7	209.4	138.9	111.5	
124.7	190.7	489.4	407.9	288.8	197.3	357.1	302.0	208.3	194.0	288.8	238.1	163.1	198.4	238.1	195.1	131.2	124.7	
137.8	157.1	459.7	386.9	277.8	162.6	336.2	285.5	200.1	168.1	269.0	223.2	156.0	168.7	222.1	183.5	124.6	137.8	
150.9	128.4	432.1	368.2	267.9	133.4	316.4	270.1	192.4	138.9	251.3	211.1	148.8	142.7	207.8	172.5	118.5	150.9	
164.0	105.1	409.0	350.5	257.9	109.6	297.6	255.7	185.2	114.8	235.9	199.5	142.2	118.1	194.6	162.6	113.0	164.0	
177.2	85.2	389.1	335.1	250.2	89.6	282.2	243.6	179.1	94.5	223.2	189.6	136.1	97.6	183.0	153.8	108.1	177.2	
190.3	68.2	372.6	323.0	243.6	72.3	269.0	232.6	173.6	76.9	211.1	180.8	131.2	79.8	172.5	146.1	103.9	190.3	
203.4	53.6	358.3	312.0	237.0	57.4	255.7	222.7	168.1	61.8	200.1	172.5	126.8	64.5	163.1	138.9	100.0	203.4	
216.5	40.8	342.8	300.9	231.5	44.4	243.6	214.4	163.1	48.7	190.7	165.3	122.9	51.1	154.9	132.8	96.5	216.5	
229.7	29.5	328.5	291.0	227.1	33.1	233.7	206.7	158.7	37.1	182.4	158.7	119.6	39.5	147.7	127.3	93.3	229.7	
242.8	19.6	314.2	282.2	223.8	23.0	224.9	199.5	154.9	26.9	174.7	152.7	116.3	29.1	141.1	122.4	90.4	242.8	
249.3	15.0	306.4	277.8	222.7	18.3	220.5	196.2	153.2	22.0	170.9	149.9	114.6	24.3	137.8	120.2	89.1	249.3	
252.6	12.8	297.6	274.5	-	16.2	218.8	194.7	152.7	19.9	169.4	148.8	114.1	22.0	136.4	119.0	88.5	252.6	
255.9	-	289.5	271.2	-	14.0	217.2	193.3	152.1	17.7	167.9	147.7	113.5	19.8	135.0	117.9	87.9	255.9	
259.2	-	281.5	269.0	-	11.9	215.0	191.8	151.0	15.6	166.4	146.6	113.0	17.6	133.7	116.8	87.2	259.2	
265.7	-	265.7	261.2	-	-	211.1	188.5	149.9	11.5	163.1	144.4	111.7	13.4	131.2	114.6	86.1	265.7	
269.0	-	257.9	255.7	-	-	209.4	187.4	148.8	-	161.7	143.3	111.0	11.5	130.1	113.5	85.6	269.0	
282.2	-	228.2	229.3	-	-	202.8	183.0	-	-	156.0	138.9	109.3	-	124.6	110.0	83.8	282.2	
288.7	-	220.5	-	-	-	199.5	180.8	-	-	153.2	136.7	108.5	-	122.4	108.7	82.9	288.7	
295.3	-	212.7	-	-	-	197.3	178.6	-	-	151.0	135.0	-	-	120.7	107.1	82.2	295.3	
298.6	-	-	-	-	-	196.2	177.5	-	-	149.9	134.2	-	-	119.9	106.4	81.9	298.6	
308.4	-	-	-	-	-	192.9	-	-	-	147.2	132.3	-	-	116.8	104.3	81.1	308.4	
311.7	-	-	-	-	-	191.8	-	-	-	146.3	131.7	-	-	115.7	103.6	-	311.7	
318.2	-	-	-	-	-	-	-	-	-	144.7	130.1	-	-	114.1	102.5	-	318.2	
321.5	-	-	-	-	-	-	-	-	-	143.9	-	-	-	113.5	102.0	-	321.5	
331.4	-	-	-	-	-	-	-	-	-	141.1	-	-	-	111.8	100.5	-	331.4	
334.6	-	-	-	-	-	-	-	-	-	-	-	-	-	111.2	100.1	-	334.6	
337.9	-	-	-	-	-	-	-	-	-	-	-	-	-	110.6	99.6	-	337.9	
347.8	-	-	-	-	-	-	-	-	-	-	-	-	-	109.0	-	-	347.8	
351.1	-	-	-	-	-	-	-	-	-	-	-	-	-	108.5	-	-	351.1	

551,200 lb + 176,400 lb 49.2-108.3 ft 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%																	
295.3 ft																	
49.2 ft				68.9 ft				88.6 ft				108.3 ft					
0 lb		0 lb – 992,100 lb		0 lb		0 lb – 992,100 lb		0 lb		0 lb – 992,100 lb		0 lb		0 lb – 992,100 lb			
15°		20°		30°		15°		20°		30°		15°		20°		30°	
ft	1,000 lb															ft	
52.5	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52.5
55.8	524.7	551.2	549.0	-	-	-	-	-	-	-	-	-	-	-	-	-	55.8
59.1	493.8	551.2	549.0	-	491.6	520.3	-	-	-	-	-	-	-	-	-	-	59.1
62.3	465.2	551.2	549.0	346.1	463.0	520.3	-	-	-	-	-	-	-	-	-	-	62.3
65.6	440.9	551.2	549.0	346.1	438.7	509.3	401.2	-	390.2	403.4	-	-	-	-	-	-	65.6
72.2	394.6	551.2	529.1	339.5	394.6	487.2	392.4	-	390.2	394.6	308.6	-	310.9	315.3	-	-	72.2
75.5	375.9	551.2	520.3	336.2	375.9	478.4	385.8	246.9	373.7	386.9	306.4	-	310.9	315.3	-	-	75.5
78.7	357.1	551.2	511.5	332.9	357.1	469.6	379.2	246.9	357.1	379.2	304.2	-	310.9	315.3	-	-	78.7
82.0	340.6	551.2	503.8	329.6	340.6	460.8	373.7	243.6	341.7	371.5	298.7	-	304.2	308.6	242.5	-	82.0
85.3	324.1	551.2	496.0	326.3	324.1	451.9	368.2	240.3	326.3	363.8	293.2	186.3	297.6	302.0	242.5	-	85.3
91.9	295.4	551.2	478.4	321.9	295.4	434.3	354.9	235.9	297.6	350.5	284.4	186.3	286.6	291.0	233.7	-	91.9
98.4	269.0	549.0	465.2	315.3	271.2	416.7	343.9	229.3	273.4	337.3	275.6	180.8	273.4	280.0	227.1	145.5	98.4
111.5	218.3	533.5	438.7	304.2	224.9	390.2	324.1	219.4	231.5	315.3	257.9	173.1	231.5	260.1	212.7	140.0	111.5
124.7	184.1	500.4	416.7	293.2	190.7	366.0	306.4	210.5	188.5	293.2	242.5	165.3	192.9	242.5	198.4	132.3	124.7
137.8	150.5	471.8	395.7	282.2	156.0	343.9	291.0	202.3	157.6	275.6	228.2	157.6	162.0	228.2	186.8	125.7	137.8
150.9	121.8	445.3	375.9	272.3	126.8	324.1	276.7	195.1	132.3	259.0	215.0	151.0	136.7	213.3	175.8	119.6	150.9
164.0	98.3	421.1	358.3	262.4	103.0	306.4	262.4	188.5	108.2	243.6	204.5	144.4	112.2	200.1	165.9	114.1	164.0
177.2	78.4	400.1	343.9	254.6	83.0	291.0	250.2	182.4	88.0	229.3	194.6	138.3	91.4	188.5	157.1	109.5	177.2
190.3	61.3	382.5	330.7	248.0	65.6	277.8	239.2	176.4	70.3	217.2	185.2	133.4	73.5	178.0	149.4	105.5	190.3
203.4	46.5	368.2	319.7	241.4	50.6	264.6	229.3	170.9	55.1	206.7	176.9	129.0	58.1	168.7	142.2	101.4	203.4
216.5	33.7	354.9	310.9	235.9	37.6	252.4	220.5	165.9	41.9	197.3	169.8	124.6	44.6	160.4	136.1	97.8	216.5
229.7	22.5	338.4	300.9	231.5	26.1	242.5	212.2	160.9	30.3	188.5	163.1	120.7	32.8	152.7	130.6	94.6	229.7
242.8	12.6	315.3	291.0	227.8	16.0	233.0	205.0	157.3	20.1	180.4	157.1	117.4	22.5	145.5	125.1	91.7	242.8
249.3	-	304.2	286.6	224.9	11.2	227.1	201.7	155.4	15.2	176.4	154.3	115.7	17.6	142.2	122.4	90.4	249.3
252.6	-	298.2	284.4	224.3	-	225.4	200.1	154.9	13.0	175.3	153.2	115.4	15.3	141.1	121.3	89.8	252.6
255.9	-	292.1	282.2	223.8	-	223.8	198.4	154.3	-	173.4	151.8	115.0	13.0	139.6	120.2	89.2	255.9
262.5	-	280.0	277.8	222.7	-	220.5	195.1	152.1	-	169.8	148.8	113.5	-	136.7	117.9	88.0	262.5
269.0	-	265.7	265.7	-	-	216.6	192.4	151.0	-	167.0	146.6	112.4	-	133.9	116.3	86.9	269.0
282.2	-	238.1	239.2	-	-	209.4	187.4	148.8	-	161.5	142.2	110.5	-	129.0	112.4	84.8	282.2
295.3	-	211.6	212.4	-	-	203.4	183.0	-	-	156.0	138.3	108.8	-	124.6	109.1	83.0	295.3
298.6	-	205.0	206.1	-	-	202.0	181.9	-	-	154.6	137.5	108.4	-	123.5	108.6	82.6	298.6
301.8	-	200.6	-	-	-	200.6	180.8	-	-	153.2	136.7	108.0	-	122.4	108.0	82.2	301.8
308.4	-	194.0	-	-	-	195.1	179.1	-	-	151.0	135.2	-	-	120.2	106.6	81.7	308.4
311.7	-	190.7	-	-	-	192.4	178.3	-	-	149.9	134.5	-	-	119.0	105.9	81.4	311.7
315.0	-	-	-	-	-	189.6	177.5	-	-	148.8	133.4	-	-	117.9	105.2	81.1	315.0
321.5	-	-	-	-	-	183.0	-	-	-	147.2	132.6	-	-	116.8	103.9	80.5	321.5
331.4	-	-	-	-	-	172.0	-	-	-	144.7	130.6	-	-	114.1	102.2	-	331.4
334.6	-	-	-	-	-	-	-	-	-	143.9	130.1	-	-	113.5	101.7	-	334.6
347.8	-	-	-	-	-	-	-	-	-	141.1	-	-	-	111.2	100.0	-	347.8
354.3	-	-	-	-	-	-	-	-	-	-	-	-	-	110.0	99.2	-	354.3
360.9	-	-	-	-	-	-	-	-	-	-	-	-	-	109.0	-	-	360.9
367.5	-	-	-	-	-	-	-	-	-	-	-	-	-	108.0	-	-	367.5

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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551,200 lb +  176,400 lb  49.2-108.3 ft  49.2-78.7 ft  31.50 ft  32.2 ft/s 360° 75%																
 315.0 ft 49.2 ft 68.9 ft 88.6 ft 108.3 ft 0 lb 0 lb – 992,100 lb 0 lb 0 lb – 992,100 lb 0 lb 0 lb – 992,100 lb 0 lb 0 lb – 992,100 lb 15° 20° 30° 15° 20° 30° 15° 20° 30° 15° 20° 30°																
ft	1,000 lb															ft
52.5	535.7	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	52.5
59.1	474.0	551.2	549.0	-	471.8	511.5	-	-	-	-	-	-	-	-	-	59.1
65.6	423.3	551.2	546.7	343.9	423.3	511.5	403.4	-	-	-	-	-	-	-	-	65.6
68.9	401.2	551.2	540.1	342.8	401.2	501.6	400.1	-	383.6	399.0	-	-	-	-	-	68.9
72.2	379.2	551.2	533.5	341.7	379.2	491.6	396.8	-	381.4	399.0	-	-	-	-	-	72.2
75.5	360.5	551.2	525.8	338.4	361.6	482.8	390.2	244.7	362.7	391.3	306.4	-	306.4	317.5	-	75.5
78.7	341.7	551.2	518.1	335.1	343.9	474.0	383.6	244.7	343.9	383.6	306.4	-	306.4	317.5	-	78.7
82.0	326.3	551.2	510.4	331.8	327.4	465.2	377.0	243.6	328.5	375.9	300.9	-	303.1	310.9	238.1	82.0
85.3	310.9	551.2	502.7	328.5	310.9	456.4	370.4	242.5	313.1	368.2	295.4	-	299.8	304.2	238.1	85.3
88.6	296.5	551.2	494.9	326.3	297.6	448.6	364.9	239.2	299.8	361.6	291.0	186.3	293.2	298.7	237.0	88.6
91.9	282.2	551.2	487.2	324.1	284.4	440.9	359.4	235.9	286.6	354.9	286.6	186.3	286.6	293.2	235.9	91.9
98.4	257.9	551.2	474.0	317.5	257.9	423.3	348.3	231.5	262.4	341.7	277.8	181.9	262.4	282.2	227.1	98.4
111.5	211.6	537.9	447.5	308.6	218.3	396.8	328.5	220.5	220.5	319.7	262.4	174.2	220.5	264.6	215.0	111.5
124.7	177.5	511.5	423.3	295.4	175.3	372.6	310.9	212.7	181.9	299.8	246.9	166.4	186.3	246.9	201.7	124.7
137.8	142.7	481.7	402.3	285.5	148.3	351.6	296.5	205.6	151.0	282.2	232.6	159.3	151.6	232.6	189.6	137.8
150.9	114.1	455.3	383.6	275.6	119.5	331.8	282.2	197.9	125.7	265.7	219.9	152.1	125.7	218.3	179.1	150.9
164.0	90.5	429.9	367.1	266.8	95.7	314.2	269.0	191.3	101.3	250.2	209.4	146.1	104.8	205.0	169.2	164.0
177.2	70.4	409.0	351.6	259.0	75.3	298.7	256.8	185.2	80.6	235.9	199.0	140.5	84.2	192.9	160.4	177.2
190.3	53.4	391.3	337.3	252.4	57.9	284.4	245.8	179.1	62.8	223.8	189.6	135.6	66.2	182.4	152.7	190.3
203.4	38.6	377.0	325.2	245.8	42.9	271.2	234.8	173.6	47.6	213.3	181.3	131.2	50.8	173.1	145.5	203.4
216.5	25.7	359.4	315.3	240.3	29.8	260.1	224.9	168.7	34.4	203.4	174.2	126.8	37.3	164.8	139.4	216.5
229.7	14.3	335.1	307.9	235.9	18.2	250.2	217.5	164.2	22.7	194.0	167.6	122.9	25.4	157.1	133.9	229.7
232.9	11.7	328.5	306.4	234.8	15.5	247.5	216.1	163.1	20.0	191.8	165.9	122.1	22.6	155.2	132.6	232.9
236.2	-	321.9	304.2	233.7	12.8	244.7	213.8	162.0	17.2	189.6	164.2	121.3	19.8	153.2	131.2	236.2
242.8	-	309.7	298.7	231.5	-	240.3	210.5	159.8	12.1	186.3	161.3	119.8	14.8	149.9	128.4	242.8
246.1	-	303.7	296.0	230.4	-	238.1	208.9	158.7	-	184.1	159.8	119.0	12.3	148.3	127.0	246.1
255.9	-	286.6	284.4	227.1	-	231.5	203.9	156.0	-	178.6	155.4	116.3	-	143.9	123.5	255.9
269.0	-	265.7	266.8	222.7	-	223.2	197.3	153.2	-	172.0	150.5	113.5	-	138.3	119.0	269.0
278.9	-	249.1	251.3	220.5	-	217.7	192.9	151.3	-	167.3	146.6	111.9	-	134.2	116.0	278.9
282.2	-	242.5	244.7	-	-	216.1	191.8	150.5	-	165.9	145.5	111.3	-	132.8	115.2	282.2
295.3	-	217.2	218.8	-	-	209.4	187.4	147.7	-	160.4	141.8	109.6	-	127.9	111.9	295.3
308.4	-	192.9	194.4	-	-	200.6	183.0	-	-	155.4	138.3	108.2	-	123.5	108.9	308.4
311.7	-	186.8	188.5	-	-	197.9	181.9	-	-	154.3	137.5	107.8	-	122.4	108.1	311.7
315.0	-	180.8	-	-	-	195.1	180.8	-	-	153.2	136.7	107.4	-	121.3	107.4	315.0
321.5	-	174.7	-	-	-	184.1	178.0	-	-	151.0	135.0	-	-	120.2	106.0	321.5
328.1	-	168.7	-	-	-	173.1	175.3	-	-	148.8	133.4	-	-	117.9	104.7	328.1
331.4	-	-	-	-	-	168.1	169.8	-	-	148.0	132.8	-	-	117.4	104.2	331.4
334.6	-	-	-	-	-	165.3	-	-	-	147.2	132.3	-	-	116.8	103.6	334.6
347.8	-	-	-	-	-	152.1	-	-	-	143.9	129.7	-	-	113.5	101.5	347.8
351.1	-	-	-	-	-	-	-	-	-	143.0	129.0	-	-	113.0	101.0	351.1
360.9	-	-	-	-	-	-	-	-	-	140.0	-	-	-	111.2	99.8	360.9
367.5	-	-	-	-	-	-	-	-	-	137.8	-	-	-	110.0	99.0	367.5
370.7	-	-	-	-	-	-	-	-	-	-	-	-	-	109.6	98.5	370.7
374.0	-	-	-	-	-	-	-	-	-	-	-	-	-	109.1	-	374.0
383.9	-	-	-	-	-	-	-	-	-	-	-	-	-	107.8	-	383.9

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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551,200 lb + 176,400 lb 49.2-108.3 ft 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

	216.5 ft																				
	49.2 ft					68.9 ft					88.6 ft						108.3 ft				
	0 lb		0 lb – 992,100 lb			0 lb		0 lb – 992,100 lb			0 lb		0 lb – 992,100 lb				0 lb		0 lb – 992,100 lb		
	15°		20°		30°	15°		20°		30°	15°		20°		30°		15°		20°		30°
	1,000 lb																				
ft																ft					
45.9	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45.9			
49.2	551.2	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.2			
52.5	551.2	551.2	551.2	-	-	526.9	549.0	-	-	-	-	-	-	-	-	-	-	52.5			
55.8	551.2	551.2	547.8	354.9	518.1	532.4	414.5	-	-	-	-	-	-	-	-	-	-	55.8			
59.1	551.2	551.2	544.5	354.9	509.3	518.1	414.5	-	407.9	414.5	-	-	-	-	-	-	-	59.1			
65.6	520.3	551.2	526.9	343.9	482.8	489.4	394.6	253.5	399.0	401.2	313.1	-	326.3	330.7	-	-	-	65.6			
72.2	472.9	551.2	504.9	336.2	451.9	466.3	378.1	246.9	378.1	381.4	303.1	-	314.2	317.5	244.7	-	-	72.2			
78.7	425.5	551.2	482.8	328.5	421.1	443.1	361.6	240.3	359.4	361.6	293.2	190.7	302.0	304.2	244.7	-	-	78.7			
85.3	385.8	546.7	464.1	319.7	385.8	422.2	348.3	233.7	342.8	345.0	282.2	186.3	287.7	289.9	234.8	-	-	85.3			
88.6	366.0	544.5	454.7	315.3	368.2	411.7	341.7	230.4	334.6	336.8	276.7	184.1	280.5	282.7	229.8	147.7	-	88.6			
91.9	346.1	542.3	445.3	310.9	350.5	401.2	335.1	227.1	326.3	328.5	271.2	181.9	273.4	275.6	224.9	147.7	-	91.9			
98.4	319.7	521.4	431.0	302.0	324.1	385.8	323.0	221.0	308.6	315.3	261.2	176.4	262.4	264.6	217.2	144.4	-	98.4			
111.5	269.0	481.7	403.4	286.6	272.3	356.0	300.9	209.4	271.2	291.0	242.5	166.4	241.4	243.6	202.3	136.7	-	111.5			
124.7	225.4	447.5	378.1	273.4	228.2	329.6	281.1	199.5	232.6	269.0	226.5	158.2	223.2	225.4	189.0	129.0	-	124.7			
137.8	191.4	418.9	356.4	261.6	194.4	307.9	263.8	191.1	198.8	249.9	213.1	150.6	199.9	210.2	177.5	122.7	-	137.8			
150.9	162.0	392.4	337.3	251.3	164.2	288.8	249.1	183.0	168.7	233.7	200.6	143.3	169.8	196.2	166.4	116.8	-	150.9			
164.0	139.3	371.8	322.6	244.0	142.2	272.6	237.4	175.6	145.9	220.5	190.3	137.4	147.0	183.7	156.9	112.0	-	164.0			
177.2	119.4	352.7	308.6	236.6	122.4	257.9	226.7	169.4	125.7	208.7	180.8	132.3	126.8	172.7	148.4	107.4	-	177.2			
190.3	102.5	335.1	295.4	229.3	104.9	244.7	217.2	164.2	108.0	198.4	172.0	127.9	109.3	163.1	141.1	103.2	-	190.3			
203.4	88.6	321.9	285.1	224.9	90.8	234.4	209.1	159.8	93.8	188.9	165.3	123.5	94.9	155.8	135.2	99.6	-	203.4			
216.5	75.9	309.4	276.3	-	78.0	224.9	201.7	156.0	80.8	180.0	159.1	119.8	81.9	148.8	129.7	96.3	-	216.5			
223.1	70.3	303.5	272.6	-	72.3	220.5	198.4	154.3	75.0	176.0	156.2	118.3	76.0	145.5	127.1	94.8	-	223.1			
229.7	64.6	297.6	269.0	-	66.6	216.1	195.1	-	69.2	172.0	153.2	116.8	70.1	142.2	124.6	93.3	-	229.7			
242.8	55.1	288.8	-	-	57.2	208.7	189.2	-	59.5	165.3	148.1	114.6	60.4	136.3	120.2	90.9	-	242.8			
249.3	-	-	-	-	52.5	205.0	186.3	-	54.7	162.0	145.5	-	55.6	133.4	117.9	89.7	-	249.3			
255.9	-	-	-	-	48.4	202.3	-	-	50.7	159.5	143.7	-	51.4	130.8	116.1	88.8	-	255.9			
262.5	-	-	-	-	44.3	199.5	-	-	46.7	156.9	141.8	-	47.3	128.2	114.3	88.0	-	262.5			
269.0	-	-	-	-	-	-	-	-	42.8	154.3	140.0	-	43.2	125.7	112.4	-	-	269.0			
275.6	-	-	-	-	-	-	-	-	39.0	152.1	-	-	39.8	123.8	111.2	-	-	275.6			
282.2	-	-	-	-	-	-	-	-	-	-	-	-	36.3	122.0	109.9	-	-	282.2			
288.7	-	-	-	-	-	-	-	-	-	-	-	-	32.8	120.2	108.7	-	-	288.7			
295.3	-	-	-	-	-	-	-	-	-	-	-	-	29.8	119.0	-	-	-	295.3			

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

551,200 lb + 176,400 lb 49.2-108.3 ft 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%																
236.2 ft 49.2 ft 68.9 ft 88.6 ft 108.3 ft 0 lb 0 lb – 992,100 lb 0 lb 0 lb – 992,100 lb 0 lb 0 lb – 992,100 lb 0 lb 0 lb – 992,100 lb 15° 20° 30° 15° 20° 30° 15° 20° 30° 15° 20° 30°																
ft	1,000 lb															ft
45.9	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	45.9
49.2	551.2	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	49.2
52.5	551.2	551.2	551.2	-	-	518.1	540.1	-	-	-	-	-	-	-	-	52.5
59.1	551.2	551.2	546.7	354.9	518.1	524.7	410.1	-	403.4	418.9	-	-	-	-	-	59.1
65.6	500.4	551.2	533.5	346.1	489.4	496.0	399.0	-	403.4	407.9	317.5	-	321.9	332.9	-	65.6
68.9	477.9	551.2	523.0	342.3	468.5	484.5	391.3	251.3	393.5	397.9	312.5	-	318.0	326.8	-	68.9
72.2	455.3	551.2	512.6	338.4	447.5	472.9	383.6	248.4	383.6	388.0	307.5	-	314.2	320.8	-	72.2
75.5	432.7	551.2	502.1	334.6	426.6	461.3	375.9	245.4	373.7	378.1	302.6	-	310.3	314.7	246.9	75.5
78.7	410.1	551.2	491.6	330.7	405.7	449.7	368.2	242.5	363.8	368.2	297.6	188.5	306.4	308.6	246.9	78.7
85.3	373.7	551.2	474.0	323.0	372.6	431.0	354.9	235.9	348.3	352.7	286.6	185.7	292.1	295.4	238.1	85.3
91.9	337.3	551.2	456.4	315.3	339.5	412.3	341.7	229.3	332.9	337.3	275.6	183.0	277.8	282.2	229.3	91.9
98.4	310.9	534.6	442.0	307.5	309.7	395.7	329.6	223.8	308.6	323.0	265.7	178.0	266.8	270.1	221.0	98.4
111.5	260.1	499.3	414.5	292.1	260.1	366.0	307.5	212.7	260.1	297.6	246.9	168.7	245.8	249.1	205.6	111.5
124.7	217.2	464.1	389.1	278.9	221.0	340.6	288.8	202.8	221.0	276.7	231.5	160.4	222.7	231.5	192.4	124.7
137.8	183.4	434.3	367.4	268.2	187.0	318.2	272.6	194.4	191.1	258.7	218.6	153.2	194.0	215.7	181.1	137.8
150.9	153.2	407.9	348.3	257.9	157.6	297.6	257.9	186.3	160.9	242.5	206.1	146.6	163.1	201.7	170.9	150.9
164.0	131.2	385.8	333.6	249.1	134.8	281.5	244.7	179.7	138.2	227.8	195.1	140.7	140.4	189.2	161.3	164.0
177.2	111.6	366.0	319.7	241.8	114.7	267.5	233.7	173.4	118.0	215.3	185.6	135.2	120.0	178.2	152.9	177.2
190.3	94.4	348.3	306.4	235.9	97.2	255.7	224.9	167.6	100.5	205.0	177.5	130.1	102.1	168.7	145.5	190.3
203.4	80.4	333.6	294.7	230.0	83.1	244.0	216.1	163.1	86.3	195.5	170.1	126.4	87.7	161.3	139.6	203.4
216.5	67.8	320.4	284.4	224.9	70.3	233.0	208.0	159.1	73.3	186.7	163.5	122.7	74.6	154.0	134.1	216.5
223.1	62.1	314.5	280.0	222.7	64.4	227.8	204.3	157.3	67.4	182.6	160.6	120.9	68.7	150.3	131.5	223.1
229.7	56.4	308.6	275.6	-	58.6	222.7	200.6	155.4	61.5	178.6	157.6	119.0	62.8	146.6	129.0	229.7
236.2	51.7	304.2	272.6	-	53.9	219.0	197.7	154.3	56.7	175.3	155.1	117.6	57.9	143.7	126.4	236.2
242.8	47.0	299.8	269.7	-	49.1	215.3	194.7	-	51.8	172.0	152.5	116.1	53.0	140.7	123.8	242.8
249.3	42.3	295.4	266.8	-	44.3	211.6	191.8	-	47.0	168.7	149.9	114.6	48.1	137.8	121.3	249.3
255.9	38.1	284.4	-	-	40.3	208.7	189.6	-	42.8	165.7	147.7	114.6	43.9	135.2	119.4	255.9
262.5	-	-	-	-	36.4	205.8	187.4	-	38.7	162.8	145.5	-	39.7	132.6	117.6	262.5
269.0	-	-	-	-	32.4	202.8	-	-	34.6	159.8	143.3	-	35.5	130.1	115.7	269.0
275.6	-	-	-	-	28.7	200.6	-	-	31.2	157.6	141.6	-	32.0	127.9	114.3	275.6
282.2	-	-	-	-	-	-	-	-	27.9	155.4	140.0	-	28.6	125.7	112.8	282.2
295.3	-	-	-	-	-	-	-	-	21.4	151.0	-	-	22.1	122.0	110.1	295.3
301.8	-	-	-	-	-	-	-	-	-	-	-	-	19.1	120.5	108.9	301.8
308.4	-	-	-	-	-	-	-	-	-	-	-	-	16.1	119.0	-	308.4
315.0	-	-	-	-	-	-	-	-	-	-	-	-	13.4	117.9	-	315.0

0 lb

176,400 lb

352,800 lb

529,200 lb

705,600 lb

882,000 lb

992,100 lb

551,200 lb + 176,400 lb 49.2-108.3 ft 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

255.9 ft																			
49.2 ft					68.9 ft					88.6 ft					108.3 ft				
0 lb		0 lb – 992,100 lb			0 lb		0 lb – 992,100 lb			0 lb		0 lb – 992,100 lb			0 lb		0 lb – 992,100 lb		
15°		20°		30°	15°		20°		30°	15°		20°		30°	15°		20°		30°
ft	1,000 lb														ft				
49.2	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.2
52.5	551.2	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52.5
55.8	545.6	551.2	551.2	-	524.7	546.7	-	-	-	-	-	-	-	-	-	-	-	-	55.8
59.1	540.1	551.2	551.2	352.7	524.7	533.5	414.5	-	-	-	-	-	-	-	-	-	-	-	59.1
62.3	511.5	551.2	545.6	350.5	501.6	520.3	411.2	-	407.9	414.5	-	-	-	-	-	-	-	-	62.3
65.6	482.8	551.2	540.1	348.3	478.4	507.1	407.9	-	407.9	414.5	-	-	-	-	-	-	-	-	65.6
68.9	460.8	551.2	530.8	344.5	456.9	495.5	399.6	-	399.0	405.1	315.3	-	317.5	328.5	-	-	-	-	68.9
72.2	438.7	551.2	521.4	340.6	435.4	483.9	391.3	249.1	390.2	395.7	310.9	-	315.3	323.3	-	-	-	-	72.2
75.5	416.7	551.2	512.0	336.8	413.9	472.3	383.1	248.0	381.4	386.4	306.4	-	313.1	318.2	246.9	-	-	-	75.5
78.7	394.6	551.2	502.7	332.9	392.4	460.8	374.8	246.9	372.6	377.0	302.0	-	310.9	313.1	246.9	-	-	-	78.7
82.0	378.6	550.6	494.4	329.6	376.4	451.4	368.2	243.6	361.6	368.7	296.5	190.7	304.2	306.4	243.1	-	-	-	82.0
85.3	362.7	550.1	486.1	326.3	360.5	442.0	361.6	240.3	350.5	360.5	291.0	188.9	297.6	299.8	239.2	-	-	-	85.3
91.9	330.7	549.0	469.6	319.7	328.5	423.3	348.3	233.7	328.5	343.9	280.0	185.2	284.4	286.6	231.5	147.7	-	-	91.9
98.4	305.3	541.2	454.2	312.0	300.9	407.9	337.3	228.2	304.2	330.7	271.2	180.8	273.4	275.6	224.3	145.5	-	-	98.4
111.5	254.6	515.9	426.6	297.6	253.5	378.1	316.4	217.2	255.7	306.4	253.5	172.0	248.0	254.6	210.0	140.0	-	-	111.5
124.7	210.5	481.7	402.3	285.5	215.0	352.7	297.6	207.2	216.1	285.5	238.1	163.7	214.4	237.0	196.8	133.4	-	-	124.7
137.8	177.1	451.2	380.7	274.8	181.1	331.4	281.5	198.8	185.6	267.5	225.2	156.5	182.6	222.3	185.6	127.1	-	-	137.8
150.9	147.7	423.3	361.6	264.6	151.0	310.9	266.8	190.7	155.4	251.3	212.7	149.9	157.6	208.3	175.3	121.3	-	-	150.9
164.0	124.9	401.2	343.9	255.7	128.2	293.2	253.5	184.1	132.6	236.6	201.7	144.0	134.1	195.8	166.4	116.1	-	-	164.0
177.2	105.0	381.4	328.5	247.7	108.2	277.8	241.8	177.8	112.3	223.8	192.2	138.5	113.6	184.8	158.0	111.6	-	-	177.2
190.3	88.0	363.8	315.3	240.3	90.8	264.6	231.5	172.0	94.4	212.7	184.1	133.4	96.1	175.3	149.9	107.8	-	-	190.3
203.4	73.9	349.1	305.0	234.4	76.6	252.8	223.4	166.8	80.0	203.2	176.7	129.7	81.6	167.2	144.0	104.1	-	-	203.4
216.5	61.1	335.1	294.7	229.3	63.6	241.8	215.3	162.4	66.9	194.4	169.8	126.0	68.3	159.5	138.5	100.8	-	-	216.5
229.7	49.8	321.9	284.4	224.9	52.0	231.5	207.2	158.7	55.1	186.3	163.1	122.4	56.4	152.1	133.4	97.9	-	-	229.7
236.2	45.0	315.3	280.7	222.7	47.3	227.4	204.3	157.3	50.2	182.6	160.6	120.9	51.5	149.2	130.8	96.5	-	-	236.2
242.8	40.3	308.6	277.0	-	42.5	223.4	201.4	155.8	45.3	178.9	158.0	119.4	46.6	146.2	128.2	95.1	-	-	242.8
255.9	31.6	287.3	271.2	-	33.7	216.1	195.8	153.2	36.3	172.3	153.2	116.8	37.5	140.7	123.8	92.7	-	-	255.9
262.5	27.7	272.6	269.0	-	29.6	212.7	193.3	-	32.3	169.4	151.0	115.7	33.3	138.2	122.0	91.6	-	-	262.5
269.0	23.8	260.1	-	-	25.6	209.4	190.7	-	28.2	166.4	148.8	114.6	29.1	135.6	120.2	90.6	-	-	269.0
275.6	20.3	251.3	-	-	22.1	206.9	188.5	-	24.7	163.9	146.6	-	25.6	133.4	118.3	89.7	-	-	275.6
282.2	-	-	-	-	18.7	204.3	186.3	-	21.2	161.3	144.4	-	22.0	131.2	116.5	88.8	-	-	282.2
288.7	-	-	-	-	15.2	201.7	-	-	17.6	158.7	142.2	-	18.5	129.0	114.6	88.0	-	-	288.7
295.3	-	-	-	-	12.3	199.5	-	-	14.6	156.5	141.1	-	15.4	126.8	113.0	-	-	-	295.3
301.8	-	-	-	-	-	-	-	-	11.5	154.3	140.0	-	12.3	124.6	111.3	-	-	-	301.8
308.4	-	-	-	-	-	-	-	-	-	152.1	-	-	-	123.5	110.2	-	-	-	308.4
315.0	-	-	-	-	-	-	-	-	-	151.0	-	-	-	-	121.6	109.5	-	-	315.0
321.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	119.8	108.7	-	-	321.5
328.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	117.9	-	-	-	328.1

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

551,200 lb + 176,400 lb 49.2-108.3 ft 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%																
275.6 ft 49.2 ft 68.9 ft 88.6 ft 108.3 ft 0 lb 0 lb – 992,100 lb 0 lb 0 lb – 992,100 lb 0 lb 0 lb – 992,100 lb 0 lb 0 lb – 992,100 lb 15° 20° 30° 15° 20° 30° 15° 20° 30° 15° 20° 30°																
ft	1,000 lb															ft
49.2	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	49.2
52.5	551.2	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	52.5
55.8	535.7	551.2	551.2	-	515.9	537.9	-	-	-	-	-	-	-	-	-	55.8
59.1	520.3	551.2	551.2	-	515.9	537.9	-	-	-	-	-	-	-	-	-	59.1
62.3	492.7	551.2	547.8	352.7	488.3	524.7	410.1	-	401.2	416.7	-	-	-	-	-	62.3
65.6	465.2	551.2	544.5	350.5	460.8	511.5	410.1	-	401.2	416.7	-	-	-	-	-	65.6
68.9	443.7	551.2	536.3	346.7	440.4	501.0	402.3	-	395.2	407.9	317.5	-	319.7	332.9	-	68.9
72.2	422.2	551.2	528.0	342.8	420.0	490.5	394.6	251.3	389.1	399.0	313.1	-	317.5	327.8	-	72.2
78.7	379.2	551.2	511.5	335.1	379.2	469.6	379.2	246.9	377.0	381.4	304.2	-	313.1	317.5	246.9	78.7
82.0	363.8	551.2	503.2	331.8	363.2	460.2	373.1	244.2	361.6	373.7	299.3	189.6	307.0	310.9	244.2	82.0
85.3	348.3	551.2	494.9	328.5	347.2	450.8	367.1	241.4	346.1	366.0	294.3	188.5	300.9	304.2	241.4	85.3
91.9	317.5	551.2	478.4	321.9	315.3	432.1	354.9	235.9	315.3	350.5	284.4	186.3	288.8	291.0	235.9	91.9
95.1	303.1	550.1	470.7	318.6	303.1	424.4	349.4	233.1	303.7	343.9	279.4	184.1	283.3	285.5	231.8	95.1
98.4	288.8	549.0	463.0	315.3	291.0	416.7	343.9	230.4	292.1	337.3	274.5	181.9	277.8	280.0	227.6	98.4
111.5	241.4	529.1	435.4	302.0	242.5	388.0	323.0	219.9	245.8	313.1	256.8	173.1	246.9	260.1	212.7	111.5
124.7	203.4	494.9	412.3	289.9	203.4	362.7	304.2	210.5	208.3	292.1	242.5	165.3	207.8	242.5	200.1	124.7
137.8	169.0	464.4	391.0	279.3	173.4	340.2	288.1	202.1	178.6	274.1	230.0	158.7	176.0	227.1	188.9	137.8
150.9	138.9	436.5	370.4	269.0	143.3	319.7	273.4	194.0	147.7	257.9	218.3	152.1	151.0	213.8	178.6	150.9
164.0	117.0	413.0	354.2	260.1	121.0	302.0	260.1	187.4	124.9	243.2	207.2	146.2	127.5	201.4	169.8	164.0
177.2	97.3	393.2	339.5	252.1	100.9	286.6	248.4	181.1	104.6	230.4	197.3	140.7	106.8	190.3	161.7	177.2
190.3	79.8	377.0	326.3	244.7	83.1	273.4	238.1	175.3	86.9	219.4	188.5	135.6	88.8	180.8	154.3	190.3
203.4	65.8	362.3	314.5	238.8	68.9	261.6	229.3	170.1	72.3	209.8	181.1	131.9	74.3	172.0	147.7	203.4
216.5	53.1	348.3	303.5	233.7	55.9	250.6	221.2	165.7	59.2	200.6	174.2	128.2	61.0	164.2	141.8	216.5
229.7	41.4	335.1	293.2	229.3	44.1	240.3	213.8	162.0	47.4	191.8	167.6	124.6	48.9	157.6	136.7	229.7
242.8	32.0	320.4	284.4	224.9	34.4	231.5	206.5	158.4	37.6	184.5	162.4	121.6	38.9	151.0	131.5	242.8
249.3	27.3	313.1	280.0	222.7	29.5	227.1	202.8	156.5	32.6	180.8	159.8	120.2	34.0	147.7	129.0	249.3
255.9	23.4	299.1	276.3	-	25.5	223.4	200.3	155.4	28.5	177.5	157.3	118.7	29.8	145.1	127.1	255.9
269.0	15.4	271.2	269.0	-	17.4	216.1	195.1	153.2	20.3	170.9	152.1	115.7	21.4	140.0	123.5	269.0
275.6	11.7	255.7	255.7	-	13.7	212.7	192.9	-	16.6	168.1	149.9	115.2	17.7	137.2	121.6	275.6
282.2	-	240.3	240.3	-	-	210.0	190.7	-	13.0	165.3	147.7	114.6	14.1	134.5	119.8	282.2
288.7	-	229.3	-	-	-	207.2	188.5	-	-	163.1	146.6	113.5	-	132.3	117.9	288.7
295.3	-	-	-	-	-	204.7	186.3	-	-	160.9	144.8	-	-	130.4	116.5	295.3
301.8	-	-	-	-	-	202.1	-	-	-	158.7	142.9	-	-	128.6	115.0	301.8
308.4	-	-	-	-	-	199.5	-	-	-	156.5	141.1	-	-	126.8	113.5	308.4
315.0	-	-	-	-	-	-	-	-	-	154.7	140.0	-	-	124.9	112.3	315.0
321.5	-	-	-	-	-	-	-	-	-	152.9	-	-	-	123.1	111.0	321.5
328.1	-	-	-	-	-	-	-	-	-	151.0	-	-	-	121.3	109.8	328.1
334.6	-	-	-	-	-	-	-	-	-	-	-	-	-	120.2	-	334.6
341.2	-	-	-	-	-	-	-	-	-	-	-	-	-	119.0	-	341.2

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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551,200 lb + 176,400 lb 49.2-108.3 ft 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

295.3 ft																			
49.2 ft					68.9 ft					88.6 ft					108.3 ft				
0 lb		0 lb – 992,100 lb			0 lb		0 lb – 992,100 lb			0 lb		0 lb – 992,100 lb			0 lb		0 lb – 992,100 lb		
15°		20°		30°	15°		20°		30°	15°		20°		30°	15°		20°		30°
ft	1,000 lb																		ft
52.5	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52.5
55.8	526.9	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55.8
59.1	502.7	551.2	551.2	-	-	496.0	529.1	-	-	-	-	-	-	-	-	-	-	-	59.1
62.3	476.2	551.2	550.1	350.5	470.7	523.6	412.3	-	-	-	-	-	-	-	-	-	-	-	62.3
65.6	449.7	551.2	549.0	350.5	445.3	518.1	412.3	-	396.8	412.3	-	-	-	-	-	-	-	-	65.6
72.2	407.9	551.2	533.5	343.9	405.7	496.0	397.9	-	380.3	399.0	313.1	-	315.3	326.3	-	-	-	-	72.2
75.5	386.9	551.2	525.8	340.6	385.8	485.0	390.8	249.1	372.0	392.4	309.7	-	315.3	323.0	-	-	-	-	75.5
78.7	366.0	551.2	518.1	337.3	366.0	474.0	383.6	249.1	363.8	385.8	306.4	-	315.3	319.7	244.7	-	-	-	78.7
85.3	335.1	551.2	501.6	330.7	335.1	457.5	371.5	242.5	334.0	370.4	296.5	189.6	303.1	307.5	240.3	-	-	-	85.3
91.9	304.2	551.2	485.0	324.1	304.2	440.9	359.4	235.9	304.2	354.9	286.6	187.4	291.0	295.4	235.9	-	-	-	91.9
95.1	292.1	550.1	477.9	321.3	292.7	432.7	353.8	233.7	292.7	348.9	282.2	185.2	282.7	289.9	232.6	146.6	-	-	95.1
98.4	280.0	549.0	470.7	318.6	281.1	424.4	348.3	231.5	281.1	342.8	277.8	183.0	274.5	284.4	229.3	146.2	-	-	98.4
111.5	236.4	535.7	444.2	306.4	235.3	394.6	327.4	222.1	238.1	319.7	261.2	174.7	239.2	264.6	216.1	142.2	-	-	111.5
124.7	197.3	508.2	421.1	294.3	197.9	370.4	309.7	212.7	199.0	298.7	246.9	167.0	201.7	246.9	203.4	135.6	-	-	124.7
137.8	162.8	476.9	399.8	283.7	167.9	349.1	294.7	204.7	167.2	280.7	234.4	160.2	170.5	231.5	192.2	129.7	-	-	137.8
150.9	133.4	447.5	379.2	273.4	137.8	328.5	280.0	197.3	142.2	264.6	222.7	154.3	145.5	218.3	181.9	124.6	-	-	150.9
164.0	110.9	424.0	361.6	264.6	114.9	310.9	266.8	190.0	119.1	249.9	211.6	148.4	122.0	206.5	173.1	119.4	-	-	164.0
177.2	90.8	403.4	346.1	256.5	94.4	294.7	255.0	183.7	98.5	236.6	201.7	143.3	101.1	195.5	165.0	115.0	-	-	177.2
190.3	73.2	385.8	332.9	249.1	76.5	280.0	244.7	178.6	80.5	224.9	192.9	138.9	82.9	185.2	157.6	111.3	-	-	190.3
203.4	59.1	372.6	322.6	243.2	62.2	268.2	234.4	173.4	66.1	215.3	185.6	134.5	68.2	176.4	151.0	107.7	-	-	203.4
216.5	46.3	359.4	312.3	237.4	49.2	257.2	226.0	168.7	52.9	206.1	178.6	130.4	54.8	168.7	145.1	104.3	-	-	216.5
229.7	34.8	346.1	302.0	231.5	37.5	246.9	219.4	164.2	41.0	197.3	172.0	126.8	42.8	162.0	140.0	101.2	-	-	229.7
242.8	25.3	324.1	293.2	227.1	27.8	238.1	212.0	160.6	31.2	190.0	166.1	123.8	32.8	155.4	134.8	98.5	-	-	242.8
255.9	16.4	302.0	284.4	224.9	18.7	229.3	205.6	157.6	22.0	183.0	160.9	120.9	23.5	149.5	130.1	96.0	-	-	255.9
262.5	12.3	291.0	280.0	222.7	14.6	224.9	202.8	156.5	17.9	179.7	158.7	119.4	19.3	147.0	127.9	94.9	-	-	262.5
269.0	-	277.8	273.4	-	-	222.7	199.5	155.4	13.7	176.4	156.5	117.9	15.0	144.4	125.7	93.7	-	-	269.0
275.6	-	263.8	261.6	-	-	219.4	197.3	154.3	-	173.4	154.3	116.8	11.2	141.1	124.6	92.7	-	-	275.6
282.2	-	249.9	249.9	-	-	216.1	195.1	153.2	-	170.5	152.1	115.7	-	138.9	122.4	91.7	-	-	282.2
295.3	-	223.0	224.9	-	-	210.2	191.1	-	-	165.3	148.1	114.1	-	134.5	118.7	89.9	-	-	295.3
301.8	-	210.9	-	-	-	207.6	189.2	-	-	163.1	146.2	113.5	-	132.3	117.2	89.1	-	-	301.8
308.4	-	203.9	-	-	-	205.0	187.4	-	-	160.9	144.4	-	-	130.1	115.7	88.4	-	-	308.4
315.0	-	-	-	-	-	198.8	185.2	-	-	158.7	142.9	-	-	128.2	114.3	87.7	-	-	315.0
321.5	-	-	-	-	-	192.5	-	-	-	156.5	141.5	-	-	126.4	112.8	87.1	-	-	321.5
328.1	-	-	-	-	-	186.3	-	-	-	154.3	140.0	-	-	124.6	111.3	-	-	-	328.1
334.6	-	-	-	-	-	-	-	-	-	152.7	-	-	-	123.1	110.5	-	-	-	334.6
341.2	-	-	-	-	-	-	-	-	-	151.0	-	-	-	121.6	109.7	-	-	-	341.2
347.8	-	-	-	-	-	-	-	-	-	-	-	-	-	120.2	108.9	-	-	-	347.8
354.3	-	-	-	-	-	-	-	-	-	-	-	-	-	119.0	108.0	-	-	-	354.3
360.9	-	-	-	-	-	-	-	-	-	-	-	-	-	117.9	-	-	-	-	360.9
367.5	-	-	-	-	-	-	-	-	-	-	-	-	-	116.8	-	-	-	-	367.5

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

551,200 lb +  176,400 lb  49.2-108.3 ft  49.2-78.7 ft  31.50 ft  32.2 ft/s 360° 75%																
 315.0 ft 49.2 ft 68.9 ft 88.6 ft 108.3 ft 0 lb 0 lb – 992,100 lb 0 lb 0 lb – 992,100 lb 0 lb 0 lb – 992,100 lb 0 lb 0 lb – 992,100 lb  15° 20° 30° 15° 20° 30° 15° 20° 30° 15° 20° 30° 																
ft	1,000 lb															ft
52.5	544.5	551.2	-	-	-	-	-	-	-	-	-	-	-	-	-	52.5
55.8	513.7	551.2	551.2	-	-	-	-	-	-	-	-	-	-	-	-	55.8
59.1	482.8	551.2	551.2	-	478.4	531.3	-	-	-	-	-	-	-	-	-	59.1
65.6	432.1	551.2	551.2	346.1	429.9	522.5	407.9	-	392.4	414.5	-	-	-	-	-	65.6
72.2	392.4	551.2	537.9	341.7	390.2	501.6	397.9	-	371.5	401.2	308.6	-	306.4	321.9	-	72.2
75.5	372.6	551.2	531.3	339.5	370.4	491.1	393.0	249.1	361.0	394.6	308.6	-	306.4	321.9	-	75.5
78.7	352.7	551.2	524.7	337.3	350.5	480.6	388.0	249.1	350.5	388.0	308.6	-	306.4	321.9	-	78.7
82.0	337.3	551.2	516.4	334.6	336.2	471.8	382.0	246.4	336.2	380.8	303.7	-	303.1	315.8	246.9	82.0
85.3	321.9	551.2	508.2	331.8	321.9	463.0	375.9	243.6	321.9	373.7	298.7	-	299.8	309.7	244.0	85.3
88.6	306.4	551.2	499.9	329.0	307.5	454.2	369.8	240.9	307.5	366.5	293.8	188.5	296.5	303.7	241.0	88.6
91.9	291.0	551.2	491.6	326.3	293.2	445.3	363.8	238.1	293.2	359.4	288.8	188.5	293.2	297.6	238.1	91.9
98.4	267.9	549.0	477.3	320.8	270.1	431.0	352.7	233.7	270.1	347.2	281.1	184.1	270.1	287.7	231.5	98.4
111.5	222.1	540.1	450.8	309.7	226.0	403.4	332.9	224.3	229.3	324.1	265.7	175.8	229.3	267.9	218.3	111.5
124.7	184.6	518.1	427.7	298.7	190.1	378.1	315.3	215.0	192.4	304.2	250.2	168.7	194.0	250.2	206.1	124.7
137.8	155.1	488.7	407.1	288.1	160.2	356.4	299.1	206.9	160.2	287.3	237.4	162.0	163.5	235.9	195.5	137.8
150.9	125.7	460.8	388.0	277.8	130.1	337.3	284.4	199.5	134.5	271.2	227.1	155.4	137.8	222.7	185.2	150.9
164.0	103.0	436.5	370.4	269.0	107.1	319.7	272.6	192.9	111.7	256.5	216.1	150.3	114.7	210.9	176.4	164.0
177.2	82.9	415.9	354.2	260.9	86.7	302.8	260.9	186.7	91.2	243.2	206.1	145.5	94.0	200.3	168.3	177.2
190.3	65.3	396.8	339.5	253.5	68.8	286.6	249.1	180.8	73.0	231.5	197.3	141.1	75.6	190.7	160.9	190.3
203.4	51.1	382.1	327.8	247.7	54.5	274.8	240.3	176.4	58.4	221.2	190.0	136.7	60.8	181.1	154.3	203.4
216.5	38.3	364.5	318.2	241.8	41.5	263.8	231.5	172.0	45.2	211.6	183.0	132.6	47.3	172.7	148.1	216.5
229.7	26.7	343.9	310.9	235.9	29.8	253.5	222.7	167.6	33.3	202.8	176.4	129.0	35.3	165.3	142.2	229.7
242.8	17.1	318.9	302.0	231.5	19.9	244.7	216.8	163.9	23.3	195.5	170.5	126.0	25.1	159.5	137.8	242.8
249.3	12.3	306.4	297.6	229.3	15.0	240.3	213.8	162.0	18.3	191.8	167.6	124.6	20.1	156.5	135.6	249.3
255.9	-	296.2	290.3	227.8	-	236.6	210.9	159.8	13.9	188.5	164.8	123.1	15.8	153.8	133.4	255.9
262.5	-	285.9	282.9	226.3	-	233.0	208.0	158.7	-	185.2	162.0	121.6	11.5	151.0	131.2	262.5
269.0	-	275.6	275.6	224.9	-	229.3	205.0	157.6	-	181.9	159.8	120.2	-	147.7	129.0	269.0
275.6	-	264.6	264.6	222.7	-	225.6	202.5	156.2	-	178.9	157.6	119.0	-	145.1	127.1	275.6
282.2	-	253.5	253.5	-	-	221.9	199.9	154.7	-	176.0	155.4	117.9	-	142.6	125.3	282.2
295.3	-	230.0	230.4	-	-	215.3	195.1	152.1	-	170.5	151.4	115.7	-	137.8	121.6	295.3
308.4	-	205.0	206.1	-	-	209.4	190.7	-	-	165.3	147.7	113.5	-	133.4	117.9	308.4
315.0	-	193.3	-	-	-	201.0	188.9	-	-	163.1	146.1	113.5	-	131.5	116.5	315.0
321.5	-	184.8	-	-	-	192.5	187.0	-	-	160.9	144.4	-	-	129.7	115.0	321.5
328.1	-	178.6	-	-	-	184.1	185.2	-	-	158.7	142.2	-	-	127.9	113.5	328.1
334.6	-	-	-	-	-	174.2	-	-	-	156.9	141.1	-	-	126.4	112.4	334.6
341.2	-	-	-	-	-	168.7	-	-	-	155.1	140.0	-	-	124.9	111.3	341.2
347.8	-	-	-	-	-	-	-	-	-	153.2	-	-	-	123.5	110.2	347.8
354.3	-	-	-	-	-	-	-	-	-	152.1	-	-	-	122.0	109.8	354.3
360.9	-	-	-	-	-	-	-	-	-	-	-	-	-	120.5	108.9	360.9
367.5	-	-	-	-	-	-	-	-	-	-	-	-	-	119.0	108.0	367.5
374.0	-	-	-	-	-	-	-	-	-	-	-	-	-	117.9	-	374.0
380.6	-	-	-	-	-	-	-	-	-	-	-	-	-	116.8	-	380.6

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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SSL/LSL+LF, SSL/LSL S1+LF

CC 6800

551,200 lb + 176,400 lb 49.2-108.3 ft 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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ft	55.8	59.1	62.3	65.6	68.9	72.2	75.5	78.7	85.3	88.6	91.9	98.4	111.5	124.7	137.8	150.9	164.0	177.2	190.3	203.4	216.5	229.7	242.8	249.3	255.9	269.0	282.2	288.7	292.0	295.3	308.4	311.7	321.5	328.1	334.6	341.2	344.5	347.8	354.3	360.9	364.2	367.5	374.0	380.6	383.9	387.1	393.7	400.3	ft																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	498.2	469.6	445.3	421.1	401.8	382.5	363.2	343.9	315.3	300.9	286.6	263.5	220.5	185.7	155.8	125.7	103.3	83.3	65.7	51.4	38.6	27.1	17.4	12.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

SSL/LSL+LF, SSL/LSL S1+LF

CC 6800

551,200 lb +  176,400 lb  49.2-108.3 ft  49.2-78.7 ft  31.50 ft  32.2 ft/s 360° 75%															
	354.3 ft														
	* SSL/LSL+LF ** SSL/LSL S1+LF														
	**	*	**	*	**	*	**	*	**	*	**	*	**		
	49.2 ft				68.9 ft				88.6 ft				108.3 ft		
	0 lb	992.1 klb	0 lb	0 lb – 992,100 lb											
	15°		20°		30°		15°		20°	30°		15°			
	15°		20°		30°		15°		20°	30°		15°			
ft	1,000 lb													ft	
55.8	478.4	551.2	474.0	551.2	-	-	-	-	-	-	-	-	-	55.8	
59.1	451.9	551.2	447.5	551.2	551.2	544.5	-	-	-	-	-	-	-	59.1	
62.3	428.8	551.2	423.3	551.2	551.2	544.5	-	-	489.4	489.4	-	-	-	62.3	
65.6	405.7	551.2	399.0	551.2	551.2	544.5	-	-	489.4	489.4	-	-	-	65.6	
68.9	386.9	551.2	380.3	551.2	551.2	536.8	374.8	337.3	489.4	483.9	390.2	-	388.0	379.2	68.9
72.2	368.2	551.2	361.6	551.2	551.2	529.1	372.6	335.1	489.4	478.4	386.5	-	387.3	377.0	72.2
75.5	349.4	551.2	342.8	551.2	551.2	521.4	370.4	332.9	489.4	472.9	382.9	-	386.5	374.8	75.5
78.7	330.7	551.2	324.1	551.2	551.2	513.7	368.2	330.7	489.4	467.4	379.2	240.3	385.8	372.6	78.7
85.3	302.0	551.2	295.4	551.2	544.5	499.3	363.8	326.3	486.1	453.1	368.2	238.1	385.8	360.5	85.3
91.9	273.4	551.2	266.8	551.2	537.9	485.0	359.4	321.9	482.8	438.7	357.1	235.9	385.8	348.3	91.9
98.4	251.3	551.2	244.7	549.0	526.9	472.9	354.9	317.5	470.7	424.4	348.3	230.4	375.9	337.3	98.4
101.7	240.3	551.2	233.7	547.8	521.4	466.8	352.7	315.3	465.7	417.2	343.9	227.6	370.9	331.8	101.7
111.5	211.1	551.2	203.9	536.8	502.7	448.6	346.1	307.5	447.5	397.9	330.7	221.6	356.0	317.5	111.5
124.7	178.0	550.1	170.9	511.5	476.2	426.6	337.3	297.6	422.2	375.9	314.2	214.4	336.2	299.8	124.7
137.8	148.1	532.8	141.5	484.3	453.4	407.1	328.5	288.1	399.0	356.4	299.8	206.9	317.5	282.9	137.8
150.9	117.9	509.3	111.3	460.8	434.3	388.0	319.7	277.8	377.0	337.3	286.6	199.5	299.8	266.8	150.9
164.0	95.5	488.7	88.7	438.7	416.7	371.8	309.4	270.4	357.9	321.1	273.4	193.6	285.1	255.0	164.0
177.2	75.4	465.2	68.6	418.1	400.5	357.1	299.8	263.1	340.2	305.7	261.6	187.8	271.2	243.2	177.2
190.3	57.8	438.7	50.9	399.0	385.8	343.9	291.0	255.7	324.1	291.0	251.3	181.9	257.9	231.5	190.3
203.4	43.5	402.0	36.7	384.3	372.6	332.2	283.7	248.4	310.9	279.3	242.5	176.7	246.2	221.9	203.4
216.5	30.6	368.9	23.7	362.3	357.1	321.9	276.3	242.5	299.1	268.2	233.7	171.6	235.2	212.4	216.5
229.7	19.0	339.5	12.1	332.9	339.5	313.1	269.0	238.1	288.8	257.9	224.9	166.4	224.9	202.8	229.7
236.2	13.9	326.3	-	320.4	326.3	308.2	266.8	235.9	283.3	253.5	221.6	164.2	220.5	198.6	236.2
242.8	-	314.2	-	307.9	314.2	302.9	263.5	233.7	277.8	249.1	218.3	162.6	216.1	194.7	242.8
255.9	-	291.0	-	285.1	291.7	286.6	257.2	230.0	268.2	241.0	211.6	159.1	207.6	187.0	255.9
269.0	-	269.0	-	264.6	271.2	264.6	251.3	227.1	257.9	233.7	205.0	155.4	199.5	179.7	269.0
282.2	-	251.3	-	245.4	252.1	246.9	246.9	222.7	247.7	226.3	199.2	152.5	192.9	173.8	282.2
295.3	-	234.1	-	227.4	234.8	229.3	235.9	218.7	235.2	219.4	193.6	149.5	186.7	167.9	295.3
301.8	-	225.6	-	219.0	227.1	220.5	227.1	216.9	227.8	216.1	191.1	148.1	183.7	165.0	301.8
305.1	-	221.4	-	214.8	223.2	216.1	-	216.1	224.1	214.4	189.8	147.3	182.2	163.5	305.1
308.4	-	217.2	-	210.5	219.4	211.6	-	220.5	212.7	212.7	188.5	146.6	180.8	162.0	308.4
321.5	-	196.6	-	190.1	198.8	191.1	-	203.6	198.4	184.1	145.0	175.6	157.6	138.5	321.5
324.8	-	191.4	-	184.9	193.6	185.9	-	199.3	193.5	183.0	144.4	174.3	156.5	137.6	324.8
334.6	-	176.7	-	170.1	178.6	171.1	-	185.9	179.3	175.6	-	170.9	153.2	135.2	334.6
341.2	-	167.2	-	160.6	168.7	161.4	-	176.7	170.1	169.4	-	168.7	151.0	133.7	341.2
344.5	-	162.4	-	155.8	-	156.5	-	172.1	165.5	166.3	-	167.6	149.9	133.0	344.5
347.8	-	157.6	-	151.0	-	-	-	167.6	160.9	163.1	-	166.4	148.8	132.3	347.8
354.3	-	151.0	-	146.1	-	-	-	158.7	152.5	154.3	-	161.7	147.3	131.2	354.3
360.9	-	-	-	141.1	-	-	-	149.9	144.0	145.5	-	156.9	145.9	130.1	360.9
364.2	-	-	-	-	-	-	-	145.5	140.2	141.1	-	154.5	145.1	129.5	364.2
374.0	-	-	-	-	-	-	-	137.8	132.8	-	-	144.0	137.1	128.1	374.0
380.6	-	-	-	-	-	-	-	133.4	127.9	-	-	136.0	130.1	127.2	380.6
383.9	-	-	-	-	-	-	-	-	-	-	-	133.4	127.9	126.8	383.9
387.1	-	-	-	-	-	-	-	-	-	-	-	131.2	125.7	-	387.1
393.7	-	-	-	-	-	-	-	-	-	-	-	126.8	120.9	-	393.7
400.3	-	-	-	-	-	-	-	-	-	-	-	-	115.7	-	400.3
403.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	403.5
413.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	413.4
419.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	419.9

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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SSL/LSL+LF, SSL/LSL S1+LF

CC 6800

551,200 lb + 176,400 lb 49.2-108.3 ft 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%														
374.0 ft														
* SSL/LSL+LF ** SSL/LSL S1+LF														
** * ** * ** * ** *														
49.2 ft 68.9 ft 88.6 ft 108.3 ft														
0 lb 992.1 klb 0 lb 0 lb – 992,100 lb														
15° 20° 30° 15° 20° 30° 15° 20° 30° 15° 20° 30°														
1,000 lb														
ft	59.1	436.5	551.2	434.3	546.7	-	-	-	-	-	-	-	-	ft
62.3	413.4	551.2	411.2	546.7	542.3	502.7	-	-	-	-	-	-	-	62.3
65.6	390.2	551.2	388.0	546.7	542.3	502.7	-	-	465.2	445.3	-	-	-	65.6
68.9	372.0	551.2	369.8	546.7	541.8	502.7	372.6	343.9	465.2	445.3	401.2	-	-	68.9
72.2	353.8	551.2	351.6	546.7	541.2	502.7	371.1	342.5	465.2	445.3	399.8	-	370.4 366.0	72.2
78.7	317.5	551.2	315.3	546.7	540.1	502.7	368.2	339.5	465.2	445.3	396.8	-	370.4 366.0 308.6	78.7
82.0	303.7	551.2	301.5	546.7	537.9	501.6	365.4	337.3	465.2	445.3	391.9	253.5	370.4 364.9 305.9	82.0
85.3	289.9	551.2	287.7	546.7	535.7	500.4	362.7	335.1	465.2	445.3	386.9	251.3	370.4 363.8 303.1	85.3
88.6	276.1	551.2	273.9	546.7	533.5	499.3	359.9	332.9	465.2	445.3	382.0	249.1	370.4 362.7 300.4	88.6
91.9	262.4	551.2	260.1	546.7	531.3	498.2	357.1	330.7	465.2	445.3	377.0	246.9	370.4 361.6 297.6 188.5	91.9
98.4	241.4	551.2	238.7	546.7	523.6	492.7	353.8	326.3	463.0	438.7	368.2	241.4	367.1 353.8 287.7 184.1	98.4
105.0	220.5	551.2	217.2	546.7	515.9	487.2	350.5	321.9	463.0	432.1	359.4	235.9	363.8 346.1 277.8 179.7	105.0
111.5	202.8	551.2	199.5	546.7	504.9	476.2	346.1	318.6	450.8	420.0	348.3	230.4	356.0 336.2 270.1 175.8	111.5
124.7	166.4	551.2	163.1	531.3	481.7	455.3	337.3	312.0	426.6	396.8	328.5	220.5	339.5 317.5 254.6 168.1	124.7
137.8	135.6	541.6	132.4	504.9	460.0	435.8	329.2	303.5	404.2	377.7	311.6	212.0	322.6 299.1 241.0 160.9	137.8
150.9	111.3	522.5	108.5	480.6	440.9	416.7	321.9	293.2	383.6	357.1	295.4	203.9	306.4 280.0 229.3 154.3	150.9
164.0	88.8	498.2	85.8	460.0	423.3	400.5	313.1	284.4	364.5	341.0	282.2	197.3	291.7 265.3 218.3 148.4	164.0
177.2	68.8	469.6	65.6	444.6	407.1	382.9	304.2	275.6	347.6	324.8	269.7	190.7	277.8 251.3 208.3 142.9	177.2
190.3	51.1	434.3	47.8	429.9	392.4	368.2	295.4	266.8	332.9	308.6	257.9	184.1	264.6 238.1 199.5 137.8	190.3
203.4	36.9	397.6	33.6	394.6	379.2	354.9	288.1	259.4	318.2	293.9	247.7	178.9	252.8 227.8 190.7 133.4	203.4
216.5	23.9	363.8	20.5	361.1	360.1	342.2	280.7	252.2	305.7	281.3	238.1	173.8	241.0 217.9 183.0 129.3	216.5
226.4	15.1	340.6	11.7	337.3	341.3	332.9	275.2	246.9	298.0	273.4	231.5	169.9	232.2 210.7 178.0 126.6	226.4
229.7	12.1	332.9	-	330.7	335.1	328.5	273.4	244.7	295.4	269.0	229.3	168.7	229.3 208.3 176.4 125.7	229.7
242.8	-	307.9	-	305.7	310.1	306.4	267.9	240.7	284.4	258.7	223.3	164.9	221.2 199.5 169.8 122.7	242.8
255.9	-	285.1	-	282.9	286.6	284.4	261.6	235.2	275.6	249.1	216.1	161.3	213.1 191.8 163.9 119.8	255.9
269.0	-	264.6	-	262.4	264.6	262.4	255.7	229.3	266.8	240.3	209.4	157.6	205.0 185.2 157.6 116.8	269.0
282.2	-	245.4	-	243.2	246.9	244.7	244.0	226.3	247.7	233.0	203.6	154.0	197.7 178.6 153.6 113.9	282.2
295.3	-	228.5	-	226.3	230.0	227.8	230.4	220.8	230.4	223.8	198.0	151.5	191.1 172.3 149.2 111.6	295.3
308.4	-	213.8	-	211.6	213.8	211.6	215.0	212.7	215.0	212.7	192.9	148.8	185.2 166.4 145.5 109.8	308.4
315.0	-	206.1	-	202.6	207.2	203.7	208.3	206.1	208.3	206.1	190.7	147.7	182.4 164.2 143.7 108.9	315.0
318.2	-	201.4	-	198.0	202.5	199.1	-	201.7	204.8	202.3	189.6	147.2	181.1 163.1 142.7 108.5	318.2
321.5	-	196.8	-	193.3	197.9	194.4	-	-	201.2	198.4	188.5	146.6	179.7 162.0 141.8 108.0	321.5
334.6	-	178.2	-	175.3	179.3	176.4	-	-	185.6	182.2	180.0	144.8	174.9 157.6 138.5 106.4	334.6
337.9	-	173.6	-	170.9	174.7	172.0	-	-	181.3	178.0	176.9	144.4	173.6 156.5 137.8 106.0	337.9
347.8	-	159.8	-	157.6	160.9	158.7	-	-	168.7	165.3	167.6	-	169.8 153.2 135.6 104.9	347.8
354.3	-	151.4	-	148.8	152.1	149.9	-	-	160.2	157.3	159.1	-	163.9 151.4 134.1 104.4	354.3
357.6	-	147.2	-	144.4	-	145.5	-	-	156.0	153.2	154.9	-	160.9 150.5 133.4 104.1	357.6
360.9	-	142.9	-	140.0	-	141.1	-	-	151.8	149.2	150.6	-	158.0 149.5 132.6	360.9
367.5	-	135.6	-	133.4	-	-	-	-	143.3	141.1	142.2	-	152.1 147.7 131.2	367.5
374.0	-	-	-	129.0	-	-	-	-	135.6	133.0	134.5	-	144.8 140.7 130.1	374.0
377.3	-	-	-	126.8	-	-	-	-	131.7	129.0	130.6	-	141.1 137.2 129.5	377.3
380.6	-	-	-	-	-	-	-	-	127.9	125.7	126.8	-	137.4 133.7 129.0	380.6
387.1	-	-	-	-	-	-	-	-	123.5	121.3	-	-	130.1 126.8 127.9	387.1
393.7	-	-	-	-	-	-	-	-	120.2	116.8	-	-	122.9 119.7 121.3	393.7
397.0	-	-	-	-	-	-	-	-	-	114.6	-	-	119.6 117.4 117.9	397.0
400.3	-	-	-	-	-	-	-	-	-	-	-	-	117.6 115.4 115.7	400.3
406.8	-	-	-	-	-	-	-	-	-	-	-	-	113.5 111.3	406.8
413.4	-	-	-	-	-	-	-	-	-	-	-	-	106.3	413.4
416.7	-	-	-	-	-	-	-	-	-	-	-	-	103.8	416.7
426.5	-	-	-	-	-	-	-	-	-	-	-	-	-	426.5
433.1	-	-	-	-	-	-	-	-	-	-	-	-	-	433.1
436.4	-	-	-	-	-	-	-	-	-	-	-	-	-	436.4

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

SSL/LSL+LF, SSL/LSL S1+LF

CC 6800

551,200 lb + 176,400 lb 49.2-108.3 ft 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%													
393.7 ft													
* SSL/LSL+LF ** SSL/LSL S1+LF													
49.2 ft 68.9 ft 88.6 ft 108.3 ft													
0 lb 992.1 klb 0 lb 0 lb – 992,100 lb													
15° 20° 30° 15° 20° 30° 15° 20° 30° 15° 20° 30°													
1,000 lb													
ft													ft
59.1	418.9	526.9	418.9	522.5	-	-	-	-	-	-	-	-	59.1
62.3	396.8	526.9	396.8	522.5	507.1	502.7	-	-	-	-	-	-	62.3
65.6	374.8	526.9	374.8	522.5	507.1	502.7	-	-	-	-	-	-	65.6
72.2	339.5	526.9	339.5	522.5	507.1	502.7	368.2	346.1	440.9	436.5	407.9	-	72.2
78.7	304.2	526.9	304.2	522.5	507.1	502.7	366.0	343.9	440.9	436.5	407.9	-	78.7
82.0	291.0	526.9	291.0	522.5	507.1	501.0	363.8	341.7	440.9	436.5	402.3	255.7	82.0
85.3	277.8	526.9	277.8	522.5	507.1	499.3	361.6	339.5	440.9	436.5	396.8	252.8	85.3
88.6	264.6	526.9	264.6	522.5	507.1	497.7	359.4	337.3	440.9	436.5	391.3	249.9	88.6
91.9	251.3	526.9	251.3	522.5	507.1	496.0	357.1	335.1	440.9	436.5	385.8	246.9	91.9
95.1	240.9	526.9	240.9	521.9	504.9	493.3	354.9	333.4	440.9	436.5	380.3	244.2	95.1
98.4	230.4	526.9	230.4	521.4	502.7	490.5	352.7	331.8	440.9	436.5	374.8	241.4	98.4
105.0	209.4	526.9	209.4	520.3	498.2	485.0	348.3	328.5	440.9	436.5	363.8	235.9	105.0
111.5	192.4	526.9	191.8	518.1	493.8	479.5	345.0	325.2	436.5	429.9	353.8	231.5	111.5
124.7	158.2	524.7	157.6	508.2	482.8	467.4	338.4	317.5	424.4	412.3	334.0	222.7	124.7
137.8	128.8	517.4	128.8	486.5	468.9	448.3	331.4	307.9	408.6	390.2	316.7	214.2	137.8
150.9	104.1	511.5	104.3	471.8	454.2	427.7	324.1	297.6	388.0	368.2	302.0	206.1	150.9
164.0	81.3	495.3	81.6	453.4	436.5	408.6	315.3	287.3	370.4	349.1	288.8	198.8	164.0
177.2	61.0	468.9	61.4	435.8	419.6	391.0	307.2	277.8	354.2	331.4	276.3	192.2	177.2
190.3	43.2	427.7	43.7	421.1	403.4	374.8	299.8	269.0	339.5	315.3	264.6	186.3	190.3
203.4	29.0	391.0	29.4	388.7	384.3	361.6	292.5	261.6	326.3	302.0	254.3	181.1	203.4
216.5	15.4	357.1	16.1	357.9	359.4	348.3	284.4	255.3	313.1	289.5	244.7	176.0	216.5
219.8	-	350.0	13.0	350.5	351.6	345.0	282.2	254.0	309.7	286.6	242.5	174.7	219.8
229.7	-	328.5	-	328.5	328.5	328.5	277.8	249.1	302.0	277.8	235.9	170.9	229.7
242.8	-	303.5	-	303.5	303.5	303.5	271.9	243.2	291.7	266.0	227.1	166.4	242.8
255.9	-	280.0	-	280.0	280.7	280.7	266.0	238.1	277.8	255.7	219.7	162.4	255.9
269.0	-	257.9	-	257.9	260.1	260.1	260.1	233.7	260.1	246.9	213.8	158.7	269.0
282.2	-	240.3	-	240.3	241.0	241.0	242.5	229.3	241.0	238.1	208.0	155.8	282.2
295.3	-	223.2	-	223.8	223.8	224.0	225.4	221.6	224.3	225.8	202.1	152.9	295.3
308.4	-	207.2	-	208.3	208.3	208.3	209.4	210.5	209.4	209.4	196.2	149.9	308.4
321.5	-	191.8	-	192.9	193.6	193.6	194.7	195.8	195.5	195.5	191.8	147.9	321.5
328.1	-	184.1	-	185.2	186.3	186.3	187.4	188.5	188.5	188.5	189.6	146.6	328.1
331.4	-	179.9	-	181.0	181.9	182.1	-	184.1	184.6	184.6	185.9	146.2	331.4
334.6	-	175.6	-	176.7	177.5	177.8	-	-	180.8	180.8	182.2	145.9	334.6
347.8	-	158.7	-	159.8	159.8	160.9	-	-	165.3	165.3	167.6	144.4	347.8
351.1	-	154.7	-	155.8	155.8	156.9	-	-	161.5	161.5	163.7	143.3	351.1
360.9	-	142.6	-	143.7	143.7	144.8	-	-	149.9	149.9	152.1	-	360.9
367.5	-	134.5	-	135.6	135.6	136.7	-	-	142.2	142.2	144.4	-	367.5
370.7	-	130.6	-	131.5	-	132.6	-	-	138.3	138.5	140.7	-	370.7
374.0	-	126.8	-	127.5	-	128.6	-	-	134.5	134.8	137.1	-	374.0
377.3	-	123.5	-	123.5	-	124.6	-	-	130.6	131.2	133.4	-	377.3
387.1	-	116.8	-	116.8	-	-	-	-	120.2	120.2	122.4	-	387.1
390.4	-	114.6	-	114.5	-	-	-	-	116.6	116.8	118.5	-	390.4
393.7	-	112.4	-	112.1	-	-	-	-	114.1	114.1	114.6	-	393.7
397.0	-	-	-	109.8	-	-	-	-	112.1	112.1	112.4	-	397.0
400.3	-	-	-	-	-	-	-	-	110.2	110.2	-	-	400.3
406.8	-	-	-	-	-	-	-	-	106.3	106.3	-	-	406.8
413.4	-	-	-	-	-	-	-	-	-	101.2	-	-	413.4
416.7	-	-	-	-	-	-	-	-	-	-	-	-	416.7
426.5	-	-	-	-	-	-	-	-	-	-	-	-	426.5
433.1	-	-	-	-	-	-	-	-	-	-	-	-	433.1
439.6	-	-	-	-	-	-	-	-	-	-	-	-	439.6
446.2	-	-	-	-	-	-	-	-	-	-	-	-	446.2
452.8	-	-	-	-	-	-	-	-	-	-	-	-	452.8

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

SSL/LSL+LF, SSL/LSL S1+LF

CC 6800

551,200 lb + 176,400 lb		49.2-108.3 ft		49.2-78.7 ft		31.50 ft		32.2 ft/s		360°		75%											
413.4 ft																							
* SSL/LSL+LF							** SSL/LSL S1+LF																
**		*		**		*		**		*		**											
49.2 ft				68.9 ft				88.6 ft				108.3 ft											
0 lb		992.1 klb		0 lb		0 lb - 992,100 lb																	
15°		20°		30°		15°		20°		30°		15°											
20°		30°		15°		20°		30°		15°		20°											
30°		15°		20°		30°		15°		20°		30°											
1,000 lb																							
62.3	385.8	458.6	383.6	471.8	-	-	-	-	-	-	-	-	62.3										
65.6	363.8	458.6	363.8	471.8	438.7	454.2	-	-	-	-	-	-	65.6										
68.9	347.2	458.6	346.7	471.8	438.7	454.2	-	-	-	-	-	-	68.9										
72.2	330.7	458.6	329.6	471.8	438.7	454.2	359.4	341.7	387.3	401.2	-	-	72.2										
75.5	314.2	458.6	312.5	471.8	438.7	454.2	358.3	341.7	385.8	401.2	379.2	-	75.5										
78.7	297.6	458.6	295.4	471.8	438.7	454.2	357.1	341.7	385.8	401.2	379.2	-	78.7										
82.0	284.4	458.6	282.2	471.8	438.7	454.2	354.9	340.1	385.8	401.2	379.2	-	82.0										
85.3	271.2	458.6	269.0	471.8	438.7	454.2	352.7	338.4	385.8	401.2	379.2	253.5	85.3										
91.9	244.7	458.6	242.5	471.8	438.7	454.2	348.3	335.1	385.8	401.2	379.2	249.1	91.9										
95.1	234.5	458.6	232.3	471.2	438.7	454.2	346.7	333.4	385.8	400.7	376.4	246.4	95.1										
98.4	224.3	458.6	222.1	470.7	438.7	454.2	345.0	331.8	385.8	400.1	373.7	243.6	98.4										
108.3	195.4	458.6	193.5	467.9	438.7	453.1	340.1	326.8	385.3	398.5	363.2	235.3	108.3										
111.5	186.8	458.6	185.2	466.3	438.7	451.9	338.4	325.2	384.7	397.9	358.3	232.6	111.5										
124.7	154.3	457.5	153.2	459.7	438.7	446.4	331.8	318.6	383.6	393.5	339.5	223.2	124.7										
137.8	126.7	442.4	125.6	442.4	432.1	434.3	324.8	310.1	380.7	385.8	322.6	215.7	137.8										
150.9	102.3	425.5	101.2	427.7	418.9	416.7	317.5	299.8	374.8	377.0	306.4	208.3	150.9										
164.0	79.5	406.4	78.4	406.4	401.2	402.7	311.6	291.0	360.1	357.9	293.2	201.0	164.0										
177.2	59.2	391.7	58.1	394.6	379.2	385.1	305.7	282.2	343.9	340.2	280.7	194.4	177.2										
190.3	41.4	381.4	40.3	381.4	370.4	374.8	299.8	273.4	335.1	324.1	269.0	188.5	190.3										
203.4	27.0	366.0	26.1	367.4	354.2	359.4	293.9	266.0	317.5	309.4	258.7	183.4	203.4										
216.5	13.7	354.9	12.8	354.9	346.1	349.1	287.7	259.4	308.6	296.2	249.1	178.2	216.5										
229.7	-	326.3	-	326.3	328.5	326.3	282.2	253.5	295.4	284.4	240.3	173.1	229.7										
242.8	-	301.3	-	301.3	302.0	301.3	274.8	247.7	288.1	272.6	231.5	168.7	242.8										
255.9	-	277.8	-	277.8	278.5	278.5	267.5	241.8	275.6	262.4	224.1	164.6	255.9										
269.0	-	255.7	-	255.7	257.9	257.9	260.1	235.9	257.9	253.5	218.3	160.9	269.0										
282.2	-	238.1	-	238.1	238.8	238.8	241.0	231.5	240.3	237.4	211.6	158.0	282.2										
295.3	-	220.5	-	221.2	222.1	221.9	223.8	222.1	223.2	222.1	205.6	155.1	295.3										
308.4	-	206.1	-	205.0	207.2	206.1	208.3	207.2	207.2	207.2	200.6	152.1	308.4										
321.5	-	192.2	-	191.8	193.3	192.2	194.4	193.3	193.3	193.3	191.8	149.9	321.5										
334.6	-	177.5	-	177.1	178.6	177.5	180.2	178.9	179.7	179.3	180.8	147.7	334.6										
341.2	-	169.8	-	169.0	170.9	169.8	173.1	171.6	173.1	172.3	174.2	146.6	341.2										
347.8	-	162.0	-	160.9	163.1	162.0	-	164.2	166.4	165.3	167.6	145.5	347.8										
360.9	-	146.6	-	145.5	147.7	146.6	-	-	151.8	150.6	152.9	144.0	360.9										
367.5	-	138.9	-	137.8	140.0	138.9	-	-	144.4	143.3	145.5	143.3	367.5										
374.0	-	131.7	-	130.6	132.3	131.7	-	-	137.2	136.7	138.5	-	374.0										
383.9	-	120.7	-	119.6	121.3	120.7	-	-	126.8	126.8	127.9	-	383.9										
387.1	-	116.8	-	115.7	117.9	116.8	-	-	123.5	123.5	124.6	-	387.1										
393.7	-	111.0	-	109.7	111.3	110.2	-	-	117.0	116.8	117.9	-	393.7										
400.3	-	107.4	-	105.9	-	-	-	-	110.5	110.1	111.3	-	400.3										
403.5	-	105.6	-	104.0	-	-	-	-	107.3	106.7	108.0	-	403.5										
406.8	-	103.8	-	102.1	-	-	-	-	104.5	103.4	104.7	-	406.8										
413.4	-	-	-	96.8	-	-	-	-	100.2	98.9	99.4	-	413.4										
426.5	-	-	-	-	-	-	-	-	91.7	91.7	-	-	426.5										
433.1	-	-	-	-	-	-	-	-	86.4	85.5	-	-	433.1										
439.6	-	-	-	-	-	-	-	-	-	-	-	-	439.6										
446.2	-	-	-	-	-	-	-	-	-	-	-	-	446.2										
449.5	-	-	-	-	-	-	-	-	-	-	-	-	449.5										
452.8	-	-	-	-	-	-	-	-	-	-	-	-	452.8										
459.3	-	-	-	-	-	-	-	-	-	-	-	-	459.3										
465.9	-	-	-	-	-	-	-	-	-	-	-	-	465.9										
469.2	-	-	-	-	-	-	-	-	-	-	-	-	469.2										

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

SSL/LSL+LF, SSL/LSL S1+LF

CC 6800

551,200 lb +  176,400 lb  49.2-108.3 ft  49.2-78.7 ft  31.50 ft  32.2 ft/s 360° 75%															
 433.1 ft * SSL/LSL+LF ** SSL/LSL S1+LF  49.2 ft 68.9 ft 88.6 ft 108.3 ft  0 lb 0-992.1 klb 0 lb 0 lb – 992,100 lb  15° 20° 30° 15° 20° 30° 15° 20° 30° 15° 20° 30° 															
ft	1,000 lb												ft		
62.3	370.4	427.7	366.0	410.1	-	-	-	-	-	-	-	-	-	62.3	
65.6	350.5	427.7	354.9	410.1	-	-	-	-	-	-	-	-	-	65.6	
68.9	334.0	427.7	337.9	410.1	410.1	374.8	-	-	363.8	330.7	-	-	-	68.9	
72.2	317.5	427.7	320.8	410.1	410.1	374.8	-	-	363.8	330.7	-	-	-	72.2	
75.5	300.9	427.7	303.7	410.1	410.1	374.8	350.5	315.3	363.8	330.7	297.6	-	306.4	275.6	75.5
78.7	284.4	427.7	286.6	410.1	410.1	374.8	350.5	315.3	363.8	330.7	297.6	-	306.4	275.6	78.7
82.0	271.7	427.7	273.9	409.5	410.1	374.8	348.9	314.7	363.8	330.7	297.6	-	306.4	275.6	82.0
85.3	259.0	427.7	261.2	409.0	410.1	374.8	347.2	314.2	363.8	330.7	297.6	238.1	306.4	275.6	85.3
91.9	233.7	427.7	235.9	407.9	410.1	374.8	343.9	313.1	363.8	330.7	297.6	238.1	306.4	275.6	91.9
98.4	213.3	427.7	216.1	404.5	410.1	373.7	341.7	309.7	363.8	329.6	297.6	234.8	306.4	275.6	98.4
108.3	184.6	427.1	187.9	399.6	410.1	371.5	337.9	304.8	363.8	327.4	297.1	229.3	305.9	274.5	108.3
111.5	176.4	426.6	179.7	397.9	410.1	370.4	336.2	303.1	363.8	326.3	296.5	227.1	305.3	273.4	111.5
124.7	145.5	424.4	149.4	391.3	410.1	364.9	329.6	297.6	362.7	319.7	292.1	219.9	304.2	267.9	124.7
137.8	116.6	418.1	123.5	382.9	407.1	357.1	323.3	292.5	359.4	310.9	285.1	213.8	303.5	260.9	137.8
150.9	87.5	407.9	99.2	372.6	401.2	348.3	317.5	286.6	354.9	302.0	277.8	207.2	302.0	253.5	150.9
164.0	69.4	391.7	76.4	354.9	380.7	338.0	311.6	279.3	347.6	291.7	270.4	200.6	296.2	244.7	164.0
177.2	51.4	372.6	56.1	333.6	363.0	321.1	305.7	272.6	327.0	280.7	262.4	194.7	288.1	235.9	177.2
190.3	33.5	363.8	38.4	321.9	352.7	299.8	299.8	266.8	319.7	269.0	253.5	189.6	277.8	227.1	190.3
203.4	19.3	346.1	24.1	300.7	338.8	291.0	293.9	260.9	303.5	258.7	244.7	184.5	264.6	219.7	203.4
210.0	12.1	341.7	17.0	295.4	335.1	286.6	291.0	257.9	299.8	253.5	240.3	181.9	257.9	216.1	210.0
213.3	-	338.0	13.7	293.2	332.9	281.1	289.9	254.6	297.6	248.0	238.8	180.8	256.1	213.8	213.3
216.5	-	334.4	-	291.0	330.7	275.6	288.8	253.5	295.4	242.5	237.4	179.7	254.3	211.6	216.5
229.7	-	319.7	-	282.2	321.9	266.8	284.4	249.1	286.6	231.5	222.7	175.3	246.9	203.9	229.7
242.8	-	294.7	-	269.7	296.9	257.9	278.5	242.5	278.5	224.1	214.6	170.9	236.6	197.3	242.8
255.9	-	271.9	-	262.4	273.4	251.3	268.2	236.6	268.2	212.0	206.5	166.8	227.8	185.2	255.9
269.0	-	251.3	-	253.5	251.3	246.9	253.5	233.7	253.5	206.1	199.5	163.1	220.5	177.5	269.0
282.2	-	231.5	-	235.9	233.7	233.7	235.9	229.3	234.4	201.7	195.8	159.5	212.4	173.1	282.2
295.3	-	215.0	-	219.4	216.8	220.5	219.0	221.2	217.2	196.2	191.4	156.7	205.0	166.1	295.3
308.4	-	199.5	-	203.9	200.6	205.0	202.8	206.1	201.7	192.9	188.5	153.2	198.4	163.1	308.4
321.5	-	186.3	-	190.0	186.7	191.1	188.1	192.2	187.8	187.0	184.8	151.0	188.1	160.6	321.5
334.6	-	172.3	-	176.0	172.7	177.1	173.8	178.6	174.2	177.8	177.5	148.8	176.7	158.7	334.6
347.8	-	157.6	-	162.0	158.7	163.1	159.8	165.3	160.9	165.3	166.4	146.6	164.2	156.5	347.8
354.3	-	149.9	-	154.7	151.4	155.8	152.1	157.6	154.0	158.4	159.8	145.9	157.6	154.0	354.3
360.9	-	142.7	-	147.3	144.0	148.4	-	149.9	147.0	151.4	153.2	145.1	151.0	151.4	360.9
374.0	-	128.6	-	133.4	129.7	134.5	-	-	133.4	137.8	140.0	140.0	138.2	142.6	374.0
380.6	-	121.6	-	126.8	122.7	127.9	-	-	126.8	131.2	133.4	135.6	131.9	136.5	380.6
387.1	-	114.6	-	120.2	115.7	121.3	-	-	120.2	124.6	126.8	-	125.7	130.1	387.1
400.3	-	101.6	-	106.9	102.5	107.9	-	-	107.7	112.5	114.1	-	113.6	118.3	400.3
406.8	-	96.3	-	100.3	96.8	101.2	-	-	101.4	106.5	107.8	-	107.6	112.4	406.8
410.1	-	94.5	-	97.8	-	98.3	-	-	98.4	103.5	104.8	-	104.7	109.5	410.1
413.4	-	92.6	-	96.0	-	-	-	-	95.4	100.5	101.7	-	101.9	106.6	413.4
416.7	-	90.7	-	94.2	-	-	-	-	92.4	97.4	98.7	-	99.0	103.7	416.7
419.9	-	88.8	-	92.4	-	-	-	-	89.6	94.4	95.6	-	96.1	100.8	419.9
426.5	-	-	-	88.8	-	-	-	-	86.0	89.1	89.7	-	90.4	95.0	426.5
429.8	-	-	-	86.0	-	-	-	-	83.8	87.3	88.0	-	87.6	92.2	429.8
439.6	-	-	-	-	-	-	-	-	77.5	81.9	-	-	82.3	83.8	439.6
446.2	-	-	-	-	-	-	-	-	73.2	78.3	-	-	78.9	80.2	446.2
449.5	-	-	-	-	-	-	-	-	-	75.4	-	-	76.6	78.4	449.5
452.8	-	-	-	-	-	-	-	-	-	-	-	-	74.3	76.6	452.8
459.3	-	-	-	-	-	-	-	-	-	-	-	-	69.7	72.9	459.3
465.9	-	-	-	-	-	-	-	-	-	-	-	-	-	69.2	465.9
469.2	-	-	-	-	-	-	-	-	-	-	-	-	-	66.6	469.2
479.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	479.0
485.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	485.6



0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

SSL/LSL+LF, SSL/LSL S1+LF

CC 6800

551,200 lb + 176,400 lb 49.2-108.3 ft 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%													
452.8 ft													
* SSL/LSL+LF ** SSL/LSL S1+LF													
49.2 ft 68.9 ft 88.6 ft 108.3 ft													
0 lb 992.1 klb 0 lb 0 lb – 992,100 lb													
15° 20° 30° 15° 20° 30° 15° 20° 30° 15° 20° 30°													
1,000 lb													
ft													ft
65.6	335.1	399.0	330.7	363.8	-	-	-	-	-	-	-	-	65.6
68.9	319.1	399.0	316.4	363.2	385.8	348.3	-	-	-	-	-	-	68.9
72.2	303.1	399.0	302.0	362.7	385.8	348.3	-	-	-	-	-	-	72.2
75.5	287.2	399.0	289.4	362.1	385.8	348.3	341.7	286.6	341.7	310.9	-	-	75.5
78.7	271.2	399.0	277.8	361.6	385.8	348.3	341.7	286.6	341.7	310.9	284.4	288.8	78.7
85.3	246.9	399.0	253.5	359.4	385.8	346.1	339.5	285.5	341.7	308.6	284.4	-	85.3
88.6	234.8	399.0	241.4	358.3	385.8	345.0	338.4	284.9	341.7	307.5	284.4	240.3	88.6
91.9	222.7	399.0	229.3	357.1	385.8	343.9	337.3	284.4	341.7	306.4	284.4	240.3	91.9
95.1	212.7	398.5	219.4	355.5	385.3	342.3	336.2	283.8	341.7	304.8	283.8	239.8	95.1
98.4	202.8	397.9	209.4	353.8	384.7	340.6	335.1	283.3	341.7	303.1	283.3	239.2	98.4
111.5	167.0	394.6	173.6	346.1	382.5	334.0	330.7	281.1	340.6	296.5	280.0	234.8	111.5
124.7	137.2	390.2	144.4	337.3	379.2	326.3	325.2	277.8	337.3	289.9	275.6	227.1	124.7
137.8	109.3	385.8	117.0	328.5	374.8	317.5	318.9	273.4	332.9	282.9	269.7	219.0	137.8
150.9	80.9	381.4	88.6	319.7	370.4	308.6	313.1	269.0	328.5	275.6	262.4	211.6	150.9
164.0	62.8	362.3	70.5	309.4	351.3	299.8	308.6	264.6	322.6	266.8	255.0	204.3	164.0
177.2	44.8	348.3	52.6	299.1	341.7	290.3	303.5	260.1	309.4	257.9	247.7	197.7	177.2
190.3	26.9	337.3	34.8	288.8	328.5	280.0	297.6	255.7	297.6	249.1	240.3	191.8	190.3
203.4	11.9	327.4	20.6	271.2	321.9	262.4	293.2	252.8	289.9	240.3	231.5	186.7	203.4
210.0	-	319.7	13.4	264.6	317.5	257.9	291.0	251.3	284.4	235.9	227.1	184.1	210.0
216.5	-	315.3	-	259.4	307.9	254.3	288.8	242.5	277.0	230.4	224.9	181.9	216.5
229.7	-	306.4	-	249.1	302.0	246.9	284.4	235.9	271.2	218.3	218.3	176.4	229.7
242.8	-	287.3	-	239.6	285.9	234.4	278.5	225.6	260.9	211.6	205.8	172.7	242.8
255.9	-	266.8	-	230.8	267.5	227.8	266.8	218.3	254.3	203.5	199.9	168.7	255.9
269.0	-	244.7	-	224.9	246.9	220.5	249.1	213.8	246.9	196.2	194.0	164.2	269.0
282.2	-	227.1	-	219.7	227.6	215.3	229.3	208.3	229.3	190.7	185.2	161.5	282.2
295.3	-	210.2	-	211.6	211.6	209.7	212.7	203.9	212.4	185.2	180.8	158.4	295.3
308.4	-	194.0	-	200.6	196.2	201.7	197.3	196.2	196.2	180.8	176.4	155.4	308.4
321.5	-	180.0	-	186.7	181.5	187.8	183.4	187.0	181.5	176.4	172.7	152.5	321.5
334.6	-	166.4	-	173.4	167.2	174.2	169.4	175.6	167.9	170.1	168.3	149.9	334.6
347.8	-	152.1	-	160.9	153.2	160.9	155.4	163.1	155.4	162.0	163.1	147.7	347.8
360.9	-	138.2	-	147.0	139.4	147.7	141.1	149.2	142.2	149.5	150.6	145.5	360.9
367.5	-	131.2	-	140.0	132.3	141.1	134.5	142.2	135.6	143.3	144.4	144.4	367.5
374.0	-	124.6	-	133.4	125.7	134.5	-	135.6	129.0	136.9	137.8	140.0	374.0
387.1	-	111.3	-	120.2	112.4	121.3	-	115.7	124.6	125.7	125.7	127.9	387.1
393.7	-	105.3	-	114.1	106.3	115.1	-	109.9	118.6	119.8	122.4	114.6	393.7
400.3	-	99.3	-	108.0	100.2	108.9	-	104.1	112.7	113.9	-	109.1	400.3
413.4	-	87.2	-	95.8	88.1	96.7	-	92.7	101.0	102.3	-	98.1	413.4
419.9	-	82.3	-	89.8	82.7	90.7	-	87.0	95.2	96.6	-	92.6	419.9
426.5	-	78.7	-	84.9	-	85.3	-	81.4	89.5	90.8	-	87.1	426.5
433.1	-	74.1	-	81.2	-	-	-	75.9	84.0	85.2	-	81.8	433.1
439.6	-	69.6	-	77.5	-	-	-	72.7	78.5	79.7	-	76.5	439.6
446.2	-	65.0	-	73.9	-	-	-	69.4	75.2	75.8	-	72.5	446.2
452.8	-	-	-	-	-	-	-	65.1	71.4	-	-	68.9	452.8
459.3	-	-	-	-	-	-	-	60.8	67.7	-	-	65.3	459.3
462.6	-	-	-	-	-	-	-	-	65.8	-	-	63.5	462.6
465.9	-	-	-	-	-	-	-	-	63.9	-	-	61.7	465.9
479.0	-	-	-	-	-	-	-	-	-	-	-	52.7	479.0
482.3	-	-	-	-	-	-	-	-	-	-	-	50.3	482.3
485.6	-	-	-	-	-	-	-	-	-	-	-	47.8	485.6
492.1	-	-	-	-	-	-	-	-	-	-	-	-	492.1
498.7	-	-	-	-	-	-	-	-	-	-	-	-	498.7
505.3	-	-	-	-	-	-	-	-	-	-	-	-	505.3

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

SSL/LSL+LF, SSL/LSL S1+LF

CC 6800

551,200 lb +  176,400 lb  49.2-108.3 ft  49.2-78.7 ft  31.50 ft  32.2 ft/s 360° 75%													
 472.4 ft * SSL/LSL+LF ** SSL/LSL S1+LF  49.2 ft 68.9 ft 88.6 ft 108.3 ft  0 lb 992.1 klb 0 lb 0 lb – 992,100 lb  15° 20° 30° 15° 20° 30° 15° 20° 30° 15° 20° 30° 													
ft	1,000 lb												ft
65.6	321.9	370.4	297.6	315.3	-	-	-	-	-	-	-	-	65.6
72.2	289.9	370.4	276.7	314.2	359.4	299.8	-	-	319.7	266.8	-	-	72.2
78.7	257.9	370.4	271.2	313.1	359.4	299.8	332.9	273.4	319.7	266.8	249.1	-	78.7
85.3	234.2	369.3	246.9	309.7	358.3	296.5	331.8	272.3	319.7	264.6	249.1	-	85.3
88.6	222.4	368.7	234.8	308.1	357.7	294.9	331.2	271.7	319.7	263.5	249.1	220.5	88.6
91.9	210.5	368.2	222.7	306.4	357.1	293.2	330.7	271.2	319.7	262.4	249.1	220.5	91.9
95.1	200.9	367.6	213.0	304.2	356.6	291.6	329.6	269.5	319.1	260.7	247.5	220.2	95.1
98.4	191.3	367.1	203.4	302.0	356.0	289.9	328.5	267.9	318.6	259.0	245.8	219.9	98.4
101.7	181.6	366.5	193.7	299.8	355.5	288.3	327.4	266.2	318.0	257.4	244.2	219.6	101.7
111.5	156.5	364.9	168.7	293.2	353.8	282.2	324.1	261.2	315.3	251.3	239.2	216.6	111.5
124.7	127.9	361.6	140.0	284.4	350.5	273.4	319.7	254.6	312.0	243.6	232.6	211.1	124.7
137.8	100.9	356.4	113.4	274.8	346.1	264.6	314.5	246.9	308.6	235.9	225.6	205.4	137.8
150.9	73.4	350.5	86.6	264.6	341.7	255.7	308.6	238.1	304.2	227.1	218.3	199.5	150.9
164.0	55.2	335.8	68.6	254.3	335.8	246.9	304.2	230.8	298.4	219.0	210.9	193.6	164.0
177.2	37.0	328.5	50.6	244.7	321.1	238.1	299.8	223.8	290.3	211.3	203.6	187.8	177.2
190.3	19.0	319.7	32.8	235.9	315.3	229.3	295.4	217.2	280.0	203.9	196.2	181.9	190.3
196.9	11.2	312.3	25.6	230.6	303.5	225.2	293.2	213.5	277.0	200.3	192.5	178.9	196.9
203.4	-	309.4	18.4	225.3	300.6	221.2	286.6	209.8	274.1	196.6	188.9	176.0	203.4
210.0	-	306.4	11.2	220.5	297.6	217.2	284.4	206.1	271.2	192.9	185.2	173.1	210.0
216.5	-	296.2	-	216.8	289.5	213.1	281.5	203.3	261.6	189.2	182.5	170.9	216.5
229.7	-	288.8	-	209.4	282.2	205.0	275.6	196.2	255.7	181.9	176.4	165.3	229.7
242.8	-	277.0	-	195.8	274.8	192.9	265.3	190.3	245.4	176.0	170.5	160.9	242.8
255.9	-	260.1	-	188.9	260.9	186.3	255.7	179.9	240.3	169.4	164.8	156.2	255.9
269.0	-	238.1	-	181.9	240.3	179.7	242.5	174.2	235.9	159.8	158.7	151.0	269.0
282.2	-	220.5	-	174.6	221.9	172.0	224.1	169.0	220.5	154.7	151.0	145.9	282.2
295.3	-	203.6	-	169.8	204.7	167.6	206.9	162.4	204.7	149.9	146.6	140.4	295.3
308.4	-	187.4	-	165.3	188.5	163.1	190.7	158.7	188.5	145.5	142.2	136.7	308.4
321.5	-	172.7	-	162.4	173.8	160.2	176.0	155.8	174.5	141.5	138.2	133.7	321.5
334.6	-	158.7	-	159.1	159.8	157.3	162.0	153.2	160.9	138.5	135.6	130.4	334.6
347.8	-	145.5	-	155.4	146.6	154.3	148.8	151.0	147.7	135.6	133.4	129.0	347.8
360.9	-	131.5	-	145.7	133.4	146.4	134.8	145.1	134.5	132.6	130.4	126.8	360.9
374.0	-	118.6	-	133.7	120.4	134.8	121.3	136.0	122.0	128.6	127.9	124.6	374.0
380.6	-	112.7	-	127.5	114.1	128.6	114.6	129.7	116.1	126.0	126.8	124.0	380.6
387.1	-	106.7	-	121.3	107.8	122.4	-	123.5	110.2	123.5	125.7	123.5	387.1
400.3	-	94.8	-	109.3	95.8	110.5	-	-	98.8	112.6	114.2	114.6	400.3
406.8	-	88.8	-	103.4	89.7	104.5	-	-	93.0	107.1	108.5	110.2	406.8
413.4	-	83.2	-	97.8	84.1	98.8	-	-	87.7	101.7	103.0	-	413.4
426.5	-	71.9	-	86.6	72.8	87.3	-	-	76.9	90.8	92.2	-	426.5
433.1	-	68.3	-	81.1	69.0	81.8	-	-	71.7	85.6	86.9	-	433.1
439.6	-	65.0	-	75.8	-	76.4	-	-	66.4	80.4	81.7	-	439.6
442.9	-	63.4	-	74.2	-	74.5	-	-	64.6	77.8	79.1	-	442.9
446.2	-	61.7	-	72.5	-	-	-	-	63.1	75.2	76.5	-	446.2
452.8	-	56.7	-	69.1	-	-	-	-	59.2	70.1	71.3	-	452.8
459.3	-	51.6	-	65.7	-	-	-	-	55.4	67.3	67.5	-	459.3
462.6	-	-	-	63.9	-	-	-	-	53.5	66.0	-	-	462.6
465.9	-	-	-	-	-	-	-	-	51.6	64.6	-	-	465.9
472.4	-	-	-	-	-	-	-	-	47.4	60.5	-	-	472.4
479.0	-	-	-	-	-	-	-	-	-	56.5	-	-	479.0
482.3	-	-	-	-	-	-	-	-	-	54.5	-	-	482.3
492.1	-	-	-	-	-	-	-	-	-	-	-	-	492.1
498.7	-	-	-	-	-	-	-	-	-	-	-	-	498.7
502.0	-	-	-	-	-	-	-	-	-	-	-	-	502.0
511.8	-	-	-	-	-	-	-	-	-	-	-	-	511.8
518.4	-	-	-	-	-	-	-	-	-	-	-	-	518.4
521.7	-	-	-	-	-	-	-	-	-	-	-	-	521.7



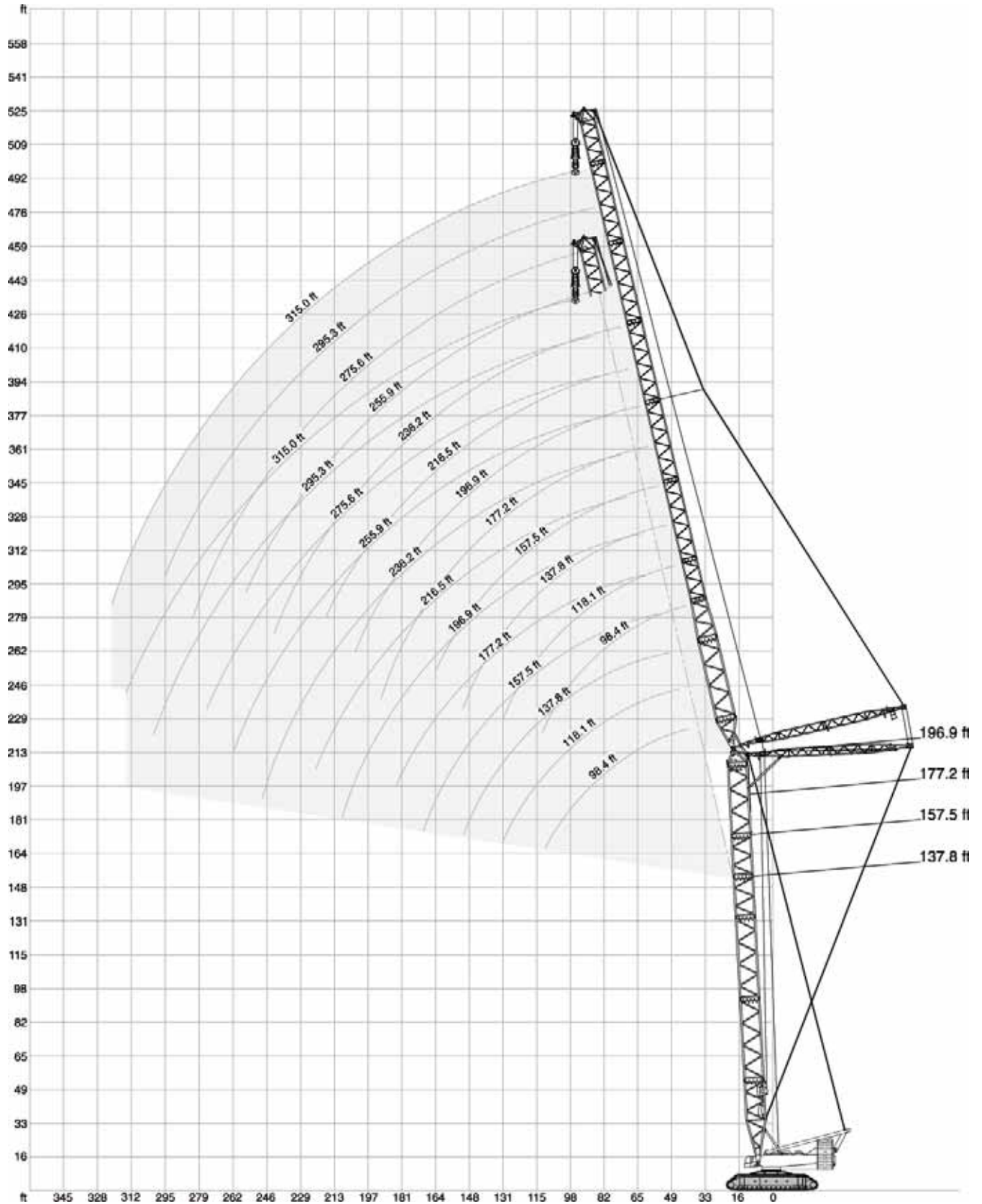
0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

SSL/LSL+LF, SSL/LSL S1+LF

CC 6800

551,200 lb + 176,400 lb		49.2-108.3 ft		49.2-78.7 ft		31.50 ft		32.2 ft/s		360°		75%	
492.1 ft													
* SSL/LSL+LF ** SSL/LSL S1+LF													
49.2 ft													

For explanations see page 63



374,800 – 551,200 lb + 0 – 176,400 lb 31.50 ft 32.2 ft/s 360° 75%

137.8 ft

	98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			196.9 ft		
	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°
ft	1,000 lb																	
45.9	747.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49.2	698.9	-	-	672.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52.5	654.8	-	-	630.5	-	-	610.7	-	-	-	-	-	-	-	-	-	-	-
59.1	584.2	-	-	564.4	-	-	544.5	-	-	526.9	-	-	-	-	-	-	-	-
62.3	553.4	-	-	533.5	-	-	518.1	-	-	500.4	-	-	485.0	-	-	-	-	-
65.6	524.7	-	-	507.1	-	-	491.6	-	-	476.2	-	-	460.8	-	-	445.3	-	-
72.2	478.4	-	-	460.8	-	-	447.5	-	-	434.3	-	-	421.1	-	-	405.7	-	-
78.7	436.5	-	-	423.3	-	-	410.1	-	-	396.8	-	-	385.8	-	-	372.6	-	-
85.3	403.4	-	-	390.2	-	-	379.2	-	-	366.0	-	-	354.9	-	-	343.9	-	-
91.9	366.0	319.7	-	361.6	-	-	350.5	-	-	339.5	-	-	330.7	-	-	319.7	-	-
98.4	332.9	291.0	-	332.9	-	-	326.3	-	-	315.3	-	-	306.4	-	-	297.6	-	-
105.0	304.2	264.6	-	304.2	262.4	-	304.2	-	-	295.4	-	-	286.6	-	-	277.8	-	-
111.5	280.0	244.7	-	280.0	242.5	-	280.0	240.3	-	275.6	-	-	269.0	-	-	260.1	-	-
118.1	-	224.9	-	260.1	222.7	-	257.9	220.5	-	255.7	217.2	-	251.3	-	-	244.7	-	-
124.7	-	209.4	-	240.3	207.2	-	240.3	206.1	-	235.9	200.6	-	235.9	197.3	-	229.3	-	-
131.2	-	195.1	170.9	219.4*	192.9	-	224.9	191.8	-	220.5	186.3	-	219.4	185.2	-	217.2	-	-
137.8	-	183.0	158.7	-	180.8	-	209.4	178.6	-	206.1	174.2	-	205.0	172.0	-	205.0	167.6	-
144.4	-	-	148.8	-	168.7	145.5	197.3	167.6	-	194.0	163.1	-	191.8	160.9	-	191.8	157.6	-
150.9	-	-	140.0	-	158.7	136.7	180.8*	156.5	-	181.9	152.1	-	180.8	151.0	-	179.7	148.8	-
157.5	-	-	131.2	-	149.9	129.0	-	147.7	125.7	170.9	143.3	-	169.8	141.1	-	169.8	140.0	-
164.0	-	-	123.5	-	-	121.3	-	138.9	117.9	162.0	134.5	112.4	159.8	133.4	-	159.8	131.2	-
177.2	-	-	-	-	-	107.4	-	124.6	104.7	-	120.2	99.0	143.3	117.9	96.1	142.2	116.8	-
190.3	-	-	-	-	-	-	-	-	93.3	-	108.2	87.5	125.7*	106.3	84.9	127.9	104.9	82.7
203.4	-	-	-	-	-	-	-	-	-	-	-	77.8	-	95.5	75.2	115.7	93.7	73.0
216.5	-	-	-	-	-	-	-	-	-	-	-	69.7	-	86.0	66.8	-	83.8	64.6
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	59.5	-	-	75.4	57.1
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50.7
255.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45.0

	216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°
ft	1,000 lb																	
72.2	392.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
78.7	359.4	-	-	348.3	-	-	339.5	-	-	-	-	-	-	-	-	-	-	-
85.3	332.9	-	-	321.9	-	-	313.1	-	-	302.0	-	-	-	-	-	-	-	-
91.9	308.6	-	-	297.6	-	-	291.0	-	-	280.0	-	-	273.4	-	-	251.3	-	-
98.4	286.6	-	-	277.8	-	-	271.2	-	-	260.1	-	-	253.5	-	-	244.7	-	-
111.5	249.1	-	-	242.5	-	-	235.9	-	-	227.1	-	-	220.5	-	-	213.8	-	-
124.7	220.5	-	-	213.8	-	-	208.3	-	-	200.6	-	-	195.1	-	-	187.4	-	-
137.8	196.2	-	-	189.6	-	-	185.2	-	-	178.6	-	-	173.1	-	-	166.4	-	-
144.4	186.3	148.8	-	179.7	-	-	175.3	-	-	168.7	-	-	163.1	-	-	156.5	-	-
150.9	176.4	141.1	-	169.8	134.5	-	165.3	-	-	158.7	-	-	154.3	-	-	147.7	-	-
164.0	156.5	125.7	-	153.2	119.0	-	148.8	115.7	-	142.2	-	-	137.8	-	-	132.3	-	-
177.2	140.0	113.5	-	136.7	107.4	-	134.5	103.6	-	127.9	97.2	-	124.6	93.0	-	117.9	-	-
190.3	125.7	101.2	-	122.4	96.3	-	121.3	93.0	-	115.7	86.6	-	112.4	82.7	-	106.5	76.5	-
203.4	112.4	89.9	68.8	110.2	85.8	-	109.1	83.6	-	105.4	77.4	-	101.6	73.6	-	95.9	67.5	-
216.5	102.5	80.0	60.4	99.6	75.8	55.8	98.3	73.9	-	95.7	69.2	-	91.9	65.5	-	86.4	59.5	-
229.7	89.7*	71.4	52.9	90.2	67.5	48.5	88.8	65.5	46.1	86.4	61.7	-	83.6	58.2	-	78.0	52.5	-
242.8	-	63.9	46.5	82.0	59.7	41.9	80.7	58.0	39.7	77.6	54.5	35.7	75.6	51.8	32.8	70.5	46.1	-
255.9	-	-	40.8	-	53.1	36.2	73.0	51.1	34.0	69.9	47.6	30.0	67.7	45.2	27.3	63.5	40.3	22.3
269.0	-	-	35.5	-	47.2	31.1	62.4*	45.4	28.9	62.8	41.7	25.1	60.6	39.2	22.3	57.3	35.1	17.6
282.2	-	-	-	-	-	26.7	-	40.1	24.5	56.4	36.4	20.5	54.2	34.0	17.9	51.4	30.2	13.4
295.3	-	-	-	-	-	22.7	-	-	20.3	-	31.7	16.5	48.5	29.1	13.7	45.4	25.8	-
308.4	-	-	-	-	-	-	-	-	16.8	-	27.3	12.8	-	24.9	-	40.3	21.4	-
321.5	-	-	-	-	-	-	-	-	-	-	-	-	-	20.9	-	32.6*	17.4	-
334.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.9	-

* Main boom angle 85° • For explanations see page 67

374,800 – 551,200 lb + 0 – 176,400 lb 31.50 ft 32.2 ft/s 360° 75%

157.5 ft

	98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			196.9 ft		
	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°
ft	1,000 lb																	
45.9	714.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49.2	670.2	-	-	643.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52.5	630.5	-	-	606.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55.8	595.2	-	-	573.2	-	-	553.4	-	-	-	-	-	-	-	-	-	-	-
59.1	562.2	-	-	542.3	-	-	524.7	-	-	507.1	-	-	-	-	-	-	-	-
62.3	533.5	-	-	515.9	-	-	498.2	-	-	482.8	-	-	467.4	-	-	-	-	-
65.6	507.1	-	-	489.4	-	-	474.0	-	-	458.6	-	-	445.3	-	-	-	-	-
72.2	460.8	-	-	445.3	-	-	432.1	-	-	418.9	-	-	405.7	-	-	392.4	-	-
78.7	423.3	-	-	410.1	-	-	396.8	-	-	383.6	-	-	372.6	-	-	361.6	-	-
85.3	390.2	-	-	377.0	-	-	366.0	-	-	354.9	-	-	343.9	-	-	332.9	-	-
91.9	361.6	-	-	350.5	-	-	339.5	-	-	328.5	-	-	319.7	-	-	308.6	-	-
98.4	330.7	277.8	-	326.3	-	-	317.5	-	-	306.4	-	-	297.6	-	-	286.6	-	-
105.0	304.2	255.7	-	304.2	249.1	-	295.4	-	-	286.6	-	-	277.8	-	-	269.0	-	-
111.5	280.0	235.9	-	280.0	233.7	-	277.8	-	-	269.0	-	-	260.1	-	-	251.3	-	-
118.1	251.3*	218.3	-	257.9	216.1	-	257.9	211.6	-	253.5	-	-	244.7	-	-	235.9	-	-
124.7	-	201.7	-	240.3	199.5	-	238.1	197.3	-	235.9	190.7	-	231.5	-	-	222.7	-	-
131.2	-	188.5	-	222.7	186.3	-	222.7	184.1	-	219.4	179.7	-	218.3	173.1	-	210.5	-	-
137.8	-	175.3	147.7	-	173.1	-	208.3	172.0	-	205.0	166.4	-	203.9	163.1	-	199.5	155.4	-
144.4	-	164.2	137.8	-	162.0	-	195.1	160.9	-	191.8	155.4	-	190.7	154.3	-	188.5	146.6	-
150.9	-	-	127.9	-	152.1	124.6	184.1	151.0	-	180.8	145.5	-	179.7	144.4	-	178.6	137.8	-
164.0	-	-	112.4	-	135.6	109.8	-	133.4	106.9	160.9	129.0	-	158.7	126.8	-	158.7	123.5	-
177.2	-	-	-	-	-	97.0	-	119.0	94.1	-	114.6	88.2	142.2	112.4	-	142.2	111.3	-
190.3	-	-	-	-	-	86.2	-	-	83.3	-	102.7	77.4	123.5*	100.3	74.7	126.8	99.0	-
203.4	-	-	-	-	-	-	-	-	74.1	-	-	68.3	-	89.5	65.7	114.6	88.0	63.5
216.5	-	-	-	-	-	-	-	-	-	-	-	60.6	-	80.2	57.8	-	78.5	55.8
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51.1	-	70.3	48.9
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45.2	-	-	42.8
255.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.5

	216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°
ft	1,000 lb																	
72.2	379.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
78.7	348.3	-	-	337.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85.3	321.9	-	-	310.9	-	-	302.0	-	-	293.2	-	-	-	-	-	-	-	-
91.9	297.6	-	-	288.8	-	-	280.0	-	-	271.2	-	-	264.6	-	-	-	-	-
98.4	277.8	-	-	269.0	-	-	262.4	-	-	251.3	-	-	244.7	-	-	235.9	-	-
111.5	242.5	-	-	233.7	-	-	229.3	-	-	220.5	-	-	215.0	-	-	206.1	-	-
124.7	213.8	-	-	207.2	-	-	201.7	-	-	194.0	-	-	188.5	-	-	181.9	-	-
137.8	190.7	-	-	184.1	-	-	179.7	-	-	172.0	-	-	167.6	-	-	160.9	-	-
150.9	170.9	130.1	-	164.2	-	-	160.9	-	-	153.2	-	-	148.8	-	-	142.2	-	-
157.5	162.0	122.4	-	156.5	115.7	-	152.1	-	-	145.5	-	-	141.1	-	-	134.5	-	-
164.0	154.3	115.7	-	147.7	109.8	-	144.4	105.8	-	137.8	-	-	133.4	-	-	126.8	-	-
177.2	138.9	104.3	-	133.4	98.1	-	130.1	94.4	-	124.6	87.7	-	120.2	-	-	113.5	-	-
190.3	124.6	93.7	-	121.3	87.7	-	117.9	84.2	-	112.4	77.8	-	108.7	73.9	-	102.7	67.7	-
203.4	112.4	84.2	-	109.8	78.7	-	107.6	75.4	-	101.9	69.2	-	98.1	65.3	-	92.4	59.3	-
216.5	101.9	74.7	51.6	99.0	70.5	46.7	97.7	67.5	-	92.4	61.3	-	88.8	57.8	-	83.1	51.8	-
229.7	88.6*	66.6	44.5	89.5	62.2	39.9	88.2	60.2	37.5	84.0	54.5	-	80.5	50.9	-	75.0	45.2	-
242.8	-	59.1	38.6	81.4	55.1	34.0	79.8	52.9	31.5	76.3	48.3	26.7	73.0	44.8	-	67.5	39.0	-
255.9	-	52.7	33.3	-	48.5	28.7	72.1	46.5	26.2	69.0	42.5	21.8	66.1	39.2	-	60.8	33.5	-
269.0	-	-	28.4	-	42.8	23.8	61.1*	40.8	21.6	61.9	37.3	17.6	59.7	34.2	-	54.7	28.7	-
282.2	-	-	24.3	-	-	19.6	-	35.7	17.4	55.8	32.2	13.4	53.6	29.5	-	49.2	24.0	-
295.3	-	-	-	-	-	15.9	-	31.3	13.7	-	27.6	-	47.8	25.1	-	44.1	19.8	-
308.4	-	-	-	-	-	-	-	-	-	-	23.4	-	39.0*	20.9	-	39.5	16.1	-
321.5	-	-	-	-	-	-	-	-	-	-	-	-	-	17.2	-	35.1	12.6	-
334.6	-	-	-	-	-	-	-	-	-	-	-	-	-	13.9	-	-	-	-

* Main boom angle 85°

Main boom angle 87°, 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

374,800 – 551,200 lb + 0 – 176,400 lb 31.50 ft 32.2 ft/s 360° 75%

177.2 ft

	98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			196.9 ft		
	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°
ft	1,000 lb																	
45.9	683.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52.5	604.1	-	-	582.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55.8	571.0	-	-	551.2	-	-	533.5	-	-	-	-	-	-	-	-	-	-	-
59.1	542.3	-	-	522.5	-	-	504.9	-	-	487.2	-	-	-	-	-	-	-	-
65.6	489.4	-	-	471.8	-	-	458.6	-	-	443.1	-	-	429.9	-	-	-	-	-
72.2	445.3	-	-	432.1	-	-	418.9	-	-	403.4	-	-	392.4	-	-	379.2	-	-
78.7	410.1	-	-	396.8	-	-	383.6	-	-	372.6	-	-	361.6	-	-	348.3	-	-
85.3	379.2	-	-	366.0	-	-	354.9	-	-	343.9	-	-	332.9	-	-	321.9	-	-
91.9	350.5	-	-	339.5	-	-	330.7	-	-	319.7	-	-	308.6	-	-	299.8	-	-
98.4	328.5	-	-	315.3	-	-	306.4	-	-	297.6	-	-	288.8	-	-	277.8	-	-
105.0	302.0	242.5	-	295.4	-	-	286.6	-	-	277.8	-	-	269.0	-	-	260.1	-	-
111.5	277.8	227.1	-	277.8	218.3	-	269.0	-	-	260.1	-	-	253.5	-	-	244.7	-	-
118.1	249.1*	209.4	-	255.7	205.0	-	253.5	197.3	-	244.7	-	-	238.1	-	-	229.3	-	-
124.7	-	194.0	-	238.1	191.8	-	238.1	185.2	-	231.5	-	-	224.9	-	-	217.2	-	-
131.2	-	180.8	-	222.7	178.6	-	220.5	175.3	-	218.3	166.4	-	212.7	-	-	203.9	-	-
137.8	-	168.7	-	200.6*	166.4	-	207.2	164.2	-	203.9	157.6	-	200.6	151.0	-	192.9	-	-
144.4	-	157.6	-	-	155.4	-	194.0	153.2	-	190.7	148.8	-	189.6	142.2	-	183.0	134.5	-
150.9	-	147.7	115.7	-	145.5	-	183.0	143.3	-	179.7	138.9	-	178.6	134.5	-	174.2	126.8	-
157.5	-	-	108.5	-	136.7	105.2	165.3*	135.6	-	168.7	130.1	-	167.6	127.9	-	165.3	120.2	-
164.0	-	-	101.4	-	129.0	98.1	-	126.8	-	158.7	122.4	-	157.6	120.2	-	157.6	113.5	-
177.2	-	-	89.3	-	-	86.2	-	113.5	83.1	136.7*	108.5	-	141.1	106.0	-	141.1	102.5	-
190.3	-	-	-	-	-	76.1	-	-	73.0	-	96.1	67.0	121.3*	93.9	64.2	126.8	92.4	-
203.4	-	-	-	-	-	-	-	-	64.6	-	86.0	58.6	-	83.6	55.8	113.5	82.0	53.8
216.5	-	-	-	-	-	-	-	-	57.3	-	-	51.4	-	74.5	48.5	-	73.0	46.5
229.7	-	-	-	-	-	-	-	-	-	-	-	45.2	-	-	42.3	-	65.0	40.3
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.8	-	58.2	34.6
255.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.4	-	-	29.8
269.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.6

	216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°
ft	1,000 lb																	
72.2	366.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
78.7	335.1	-	-	324.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85.3	310.9	-	-	299.8	-	-	293.2	-	-	282.2	-	-	-	-	-	-	-	-
91.9	288.8	-	-	277.8	-	-	271.2	-	-	262.4	-	-	255.7	-	-	-	-	-
98.4	269.0	-	-	260.1	-	-	253.5	-	-	244.7	-	-	235.9	-	-	227.1	-	-
111.5	233.7	-	-	227.1	-	-	220.5	-	-	212.7	-	-	207.2	-	-	199.5	-	-
124.7	207.2	-	-	200.6	-	-	195.1	-	-	187.4	-	-	183.0	-	-	175.3	-	-
137.8	185.2	-	-	178.6	-	-	174.2	-	-	166.4	-	-	162.0	-	-	154.3	-	-
150.9	166.4	-	-	159.8	-	-	155.4	-	-	148.8	-	-	144.4	-	-	137.8	-	-
157.5	157.6	112.4	-	151.0	-	-	147.7	-	-	141.1	-	-	136.7	-	-	130.1	-	-
164.0	149.9	106.3	-	143.3	99.6	-	140.0	-	-	133.4	-	-	129.0	-	-	122.4	-	-
177.2	135.6	95.0	-	130.1	88.6	-	125.7	84.9	-	120.2	78.3	-	115.7	-	-	110.2	-	-
190.3	123.5	84.9	-	117.9	78.9	-	114.6	75.4	-	108.5	69.0	-	104.7	65.0	-	98.8	-	-
203.4	111.3	76.3	-	107.1	70.3	-	104.1	67.0	-	98.1	60.8	-	94.6	57.1	-	88.8	50.9	-
216.5	101.2	68.6	42.1	97.9	62.8	-	94.8	59.7	-	89.1	53.6	-	85.3	50.0	-	79.8	43.9	-
229.7	87.1*	61.3	36.2	88.8	56.0	30.6	86.4	53.1	-	80.7	47.2	-	77.4	43.7	-	71.9	37.7	-
242.8	-	54.2	30.4	80.5	50.0	25.6	78.9	47.2	22.7	73.4	41.2	-	69.9	37.9	-	64.6	32.0	-
255.9	-	48.1	25.6	-	43.9	20.7	71.2	41.7	18.3	66.8	35.9	-	63.3	32.6	-	58.0	26.9	-
269.0	-	-	21.2	-	38.4	16.5	59.5*	36.2	13.9	60.6	31.1	-	57.3	27.8	-	52.0	22.3	-
282.2	-	-	17.2	-	33.5	12.6	-	31.3	-	54.9	26.7	-	51.8	23.6	-	46.7	18.1	-
295.3	-	-	-	-	-	-	-	27.1	-	-	22.7	-	47.0	19.4	-	41.7	14.1	-
308.4	-	-	-	-	-	-	-	-	-	-	19.0	-	37.7*	15.9	-	37.0	-	-
321.5	-	-	-	-	-	-	-	-	-	-	15.4	-	-	12.3	-	33.1	-	-

Main boom angle 87°, 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 85°

374,800 – 551,200 lb + 0 – 176,400 lb 31.50 ft 32.2 ft/s 360° 75%

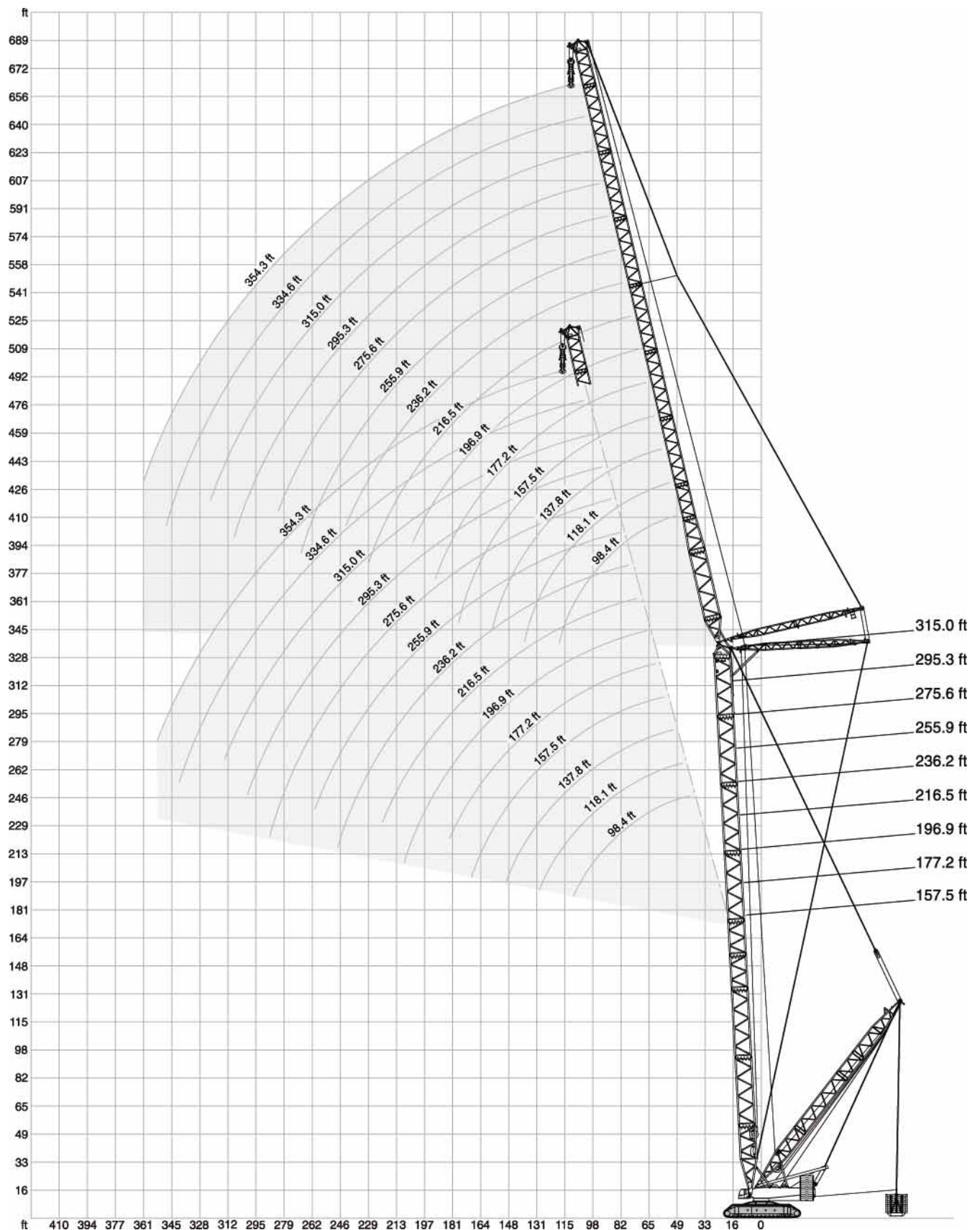
196.9 ft

	98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			196.9 ft		
	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°
ft																		
1,000 lb																		
45.9	654.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52.5	579.8	-	-	560.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55.8	549.0	-	-	529.1	-	-	511.5	-	-	-	-	-	-	-	-	-	-	-
59.1	520.3	-	-	502.7	-	-	487.2	-	-	-	-	-	-	-	-	-	-	-
62.3	493.8	-	-	478.4	-	-	463.0	-	-	447.5	-	-	-	-	-	-	-	-
65.6	471.8	-	-	456.4	-	-	440.9	-	-	425.5	-	-	412.3	-	-	-	-	-
72.2	429.9	-	-	416.7	-	-	403.4	-	-	390.2	-	-	377.0	-	-	366.0	-	-
78.7	396.8	-	-	381.4	-	-	370.4	-	-	359.4	-	-	348.3	-	-	337.3	-	-
85.3	366.0	-	-	352.7	-	-	343.9	-	-	330.7	-	-	321.9	-	-	310.9	-	-
91.9	339.5	-	-	328.5	-	-	319.7	-	-	308.6	-	-	299.8	-	-	288.8	-	-
98.4	317.5	-	-	306.4	-	-	297.6	-	-	286.6	-	-	277.8	-	-	269.0	-	-
111.5	275.6	211.6	-	269.0	-	-	262.4	-	-	251.3	-	-	244.7	-	-	235.9	-	-
118.1	244.7	198.4	-	253.5	189.6	-	246.9	-	-	238.1	-	-	229.3	-	-	222.7	-	-
124.7	-	185.2	-	235.9	178.6	-	231.5	170.9	-	224.9	-	-	217.2	-	-	209.4	-	-
137.8	-	159.8	-	198.4*	157.6	-	206.1	152.1	-	201.7	144.4	-	195.1	-	-	187.4	-	-
144.4	-	149.9	-	-	147.7	-	192.9	144.4	-	189.6	136.7	-	185.2	130.1	-	177.5	-	-
150.9	-	140.0	-	-	137.8	-	180.8	136.7	-	177.5	129.0	-	175.3	122.4	-	168.7	115.7	-
157.5	-	-	94.8	-	130.1	-	163.1*	127.9	-	167.6	122.4	-	166.4	115.7	-	159.8	109.1	-
164.0	-	-	88.4	-	122.4	-	-	120.2	-	157.6	114.6	-	156.5	110.2	-	152.1	103.2	-
177.2	-	-	77.2	-	-	74.1	-	106.0	71.0	134.5*	100.8	-	140.0	98.3	-	138.9	92.4	-
190.3	-	-	-	-	-	64.6	-	94.4	61.7	-	89.1	55.3	125.7	86.6	-	125.7	82.9	-
203.4	-	-	-	-	-	56.9	-	-	53.8	-	79.1	47.6	-	76.7	45.0	113.5	74.7	-
216.5	-	-	-	-	-	-	-	-	47.2	-	-	41.0	-	68.1	38.4	97.4*	66.8	36.4
229.7	-	-	-	-	-	-	-	-	-	-	-	35.5	-	60.8	32.6	-	59.3	30.6
242.8	-	-	-	-	-	-	-	-	-	-	-	30.6	-	-	27.6	-	52.5	25.6
255.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.4	-	-	21.2
269.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.2
282.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.9

	216.5 ft		
	87°/85°	75°	65°
ft			
1,000 lb			
78.7	324.1	-	-
85.3	299.8	-	-
91.9	277.8	-	-
98.4	257.9	-	-
111.5	227.1	-	-
124.7	200.6	-	-
137.8	178.6	-	-
150.9	160.9	-	-
157.5	152.1	101.0	-
164.0	144.4	95.2	-
177.2	131.2	84.7	-
190.3	119.0	75.6	-
203.4	109.1	67.5	-
216.5	99.9	60.2	-
229.7	84.9	53.8	25.4
242.8	-	47.8	20.7
255.9	-	42.5	16.8
269.0	-	37.5	13.0

* Main boom angle 85°

Main boom angle 87°, 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1



374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

157.5 ft + 118.1 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
49.2	751.8*	1067.0*	-	-	-	-	-
52.5	707.7*	1051.6*	-	-	-	-	-
59.1	632.7*	1104.5	-	-	-	-	-
62.3	601.9*	1104.5	-	-	-	-	1029.6
65.6	573.2*	1093.5	-	-	-	-	1029.6
72.2	522.5*	1067.0	-	-	-	-	1029.6
78.7	476.2*	1038.4	-	-	-	-	1029.6
85.3	431.0*	961.2	-	-	-	-	1029.6
91.9	392.4*	862.0	-	-	-	-	1022.9
98.4	359.4*	780.4	-	-	-	-	994.3
105.0	330.7*	712.1	937.0	-	-	-	929.2
111.5	305.3*	654.8	879.6	-	-	-	864.2
124.7	263.5*	562.2	780.4	-	-	-	758.4
131.2	245.8*	524.7	725.3	-	-	-	716.5
137.8	-	-	665.8	-	-	-	674.6
150.9	-	-	571.0	608.5	-	-	604.1
164.0	-	-	498.2	553.4	-	-	544.5
177.2	-	-	-	507.1	-	-	478.4
190.3	-	-	-	467.4	414.5	-	421.1
203.4	-	-	-	-	382.5	-	370.4
216.5	-	-	-	-	-	-	337.3
229.7	-	-	-	-	-	-	293.2
242.8	-	-	-	-	-	-	253.5
255.9	-	-	-	-	-	-	213.8

157.5 ft + 196.9 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
72.2	463.0*	621.7*	-	-	-	-	-
78.7	426.6*	632.7	-	-	-	-	-
85.3	394.6*	632.7	-	-	-	-	-
91.9	367.1*	628.3	-	-	-	-	612.9
98.4	341.7*	626.1	-	-	-	-	612.9
111.5	300.9*	610.7	-	-	-	-	612.9
124.7	261.2*	590.8	-	-	-	-	612.9
137.8	227.1*	522.5	612.9	-	-	-	612.9
150.9	200.2*	460.8	608.5	-	-	-	597.5
164.0	177.0*	410.1	531.3	-	-	-	555.6
177.2	157.6*	367.1	467.4	-	-	-	504.9
190.3	141.1*	330.7	415.6	-	-	-	460.8
203.4	126.8*	299.8	372.6	425.5	-	-	423.3
216.5	-	-	336.2	394.6	-	-	383.6
229.7	-	-	304.2	366.0	-	-	343.9
242.8	-	-	-	337.3	-	-	308.6
255.9	-	-	-	305.3	277.8	-	275.6
269.0	-	-	-	-	260.1	-	255.7
282.2	-	-	-	-	245.8	-	229.3
295.3	-	-	-	-	-	204.1	202.8
308.4	-	-	-	-	-	192.0	177.5
321.5	-	-	-	-	-	-	152.1
334.6	-	-	-	-	-	-	126.8

157.5 ft + 157.5 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
59.1	593.0*	811.3*	-	-	-	-	-
65.6	537.9*	806.9*	-	-	-	-	-
72.2	491.6*	833.3	-	-	-	-	-
78.7	451.9*	831.1	-	-	-	-	791.5
85.3	418.9*	824.5	-	-	-	-	791.5
91.9	386.9*	809.1	-	-	-	-	791.5
98.4	353.8*	791.5	-	-	-	-	791.5
111.5	300.9*	694.5	-	-	-	-	791.5
124.7	259.0*	593.0	773.8	-	-	-	765.0
137.8	226.0*	515.9	690.0	-	-	-	679.0
150.9	199.5*	454.2	604.1	-	-	-	608.5
164.0	177.3*	403.4	524.7	-	-	-	549.0
177.2	-	-	460.8	500.4	-	-	498.2
190.3	-	-	410.1	460.8	-	-	449.7
203.4	-	-	-	425.5	-	-	399.0
216.5	-	-	-	394.6	346.1	-	354.9
229.7	-	-	-	-	320.8	-	315.3
242.8	-	-	-	-	299.8	-	291.0
255.9	-	-	-	-	-	252.4	255.7
269.0	-	-	-	-	-	235.9	224.9
282.2	-	-	-	-	-	-	194.0
295.3	-	-	-	-	-	-	163.1

157.5 ft + 236.2 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
78.7	400.1*	476.2*	-	-	-	-	-
85.3	370.4*	471.8*	-	-	-	-	-
91.9	343.9*	476.2	-	-	-	-	-
98.4	320.8*	476.2	-	-	-	-	463.0
111.5	282.2*	469.6	-	-	-	-	463.0
124.7	245.8*	458.6	-	-	-	-	463.0
137.8	214.3*	449.7	-	-	-	-	463.0
150.9	187.8*	438.7	-	-	-	-	460.8
157.5	176.4*	424.4	451.9	-	-	-	458.6
164.0	165.8*	400.1	451.9	-	-	-	456.4
177.2	147.0*	358.3	449.7	-	-	-	443.1
190.3	131.2*	324.1	405.7	-	-	-	429.9
203.4	117.3*	293.2	363.8	-	-	-	403.4
216.5	105.2*	267.9	328.5	379.2	-	-	379.2
229.7	94.4*	244.7	297.6	352.7	-	-	354.9
242.8	84.9*	223.8	271.2	328.5	-	-	319.7
255.9	-	-	248.0	298.7	-	-	286.6
269.0	-	-	227.1	272.3	-	-	257.9
282.2	-	-	-	249.1	234.8	-	233.7
295.3	-	-	-	228.2	220.5	-	218.3
308.4	-	-	-	-	209.2	-	196.2
321.5	-	-	-	-	198.2	168.9	174.2
334.6	-	-	-	-	-	159.0	153.2
347.8	-	-	-	-	-	149.7	133.4
360.9	-	-	-	-	-	-	112.4
374.0	-	-	-	-	-	-	92.6

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

157.5 ft + 275.6 ft

ft	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
85.3	347.2*	362.7*	-	-	-	-	-
91.9	325.2*	361.6*	-	-	-	-	-
98.4	304.2*	358.3*	-	-	-	-	-
105.0	285.5*	361.6	-	-	-	-	-
111.5	266.8*	359.4	-	-	-	-	352.7
124.7	235.9*	354.9	-	-	-	-	350.5
137.8	209.9*	349.4	-	-	-	-	350.5
150.9	183.4*	343.9	-	-	-	-	350.5
164.0	161.2*	337.3	-	-	-	-	346.1
177.2	142.6*	330.7	336.2	-	-	-	343.9
190.3	126.5*	321.9	336.2	-	-	-	337.3
203.4	112.7*	292.1	336.2	-	-	-	332.9
216.5	100.5*	265.7	326.3	-	-	-	326.3
229.7	89.9*	242.5	295.4	-	-	-	321.9
242.8	80.5*	222.7	269.0	299.8	-	-	308.6
255.9	71.9*	205.5	245.8	296.5	-	-	291.0
269.0	64.2*	189.4	226.0	270.1	-	-	273.4
282.2	57.1*	174.6	208.1	246.9	-	-	246.9
295.3	-	-	192.0	227.1	-	-	222.7
308.4	-	-	177.0	209.0	204.1	-	205.0
321.5	-	-	-	192.7	193.1	-	190.7
334.6	-	-	-	178.1	183.0	-	170.9
347.8	-	-	-	-	173.5	-	152.1
360.9	-	-	-	-	164.5	134.3	134.5
374.0	-	-	-	-	-	126.5	117.9
387.1	-	-	-	-	-	119.3	101.6
400.3	-	-	-	-	-	-	84.7
413.4	-	-	-	-	-	-	67.2

157.5 ft + 315.0 ft

ft	1,000 lb					
98.4	259.0*	272.3*	-	-	-	-
111.5	251.3*	270.1	-	-	-	-
124.7	222.7*	266.8	-	-	-	262.4
137.8	198.4*	262.4	-	-	-	260.1
150.9	177.7*	257.9	-	-	-	257.9
164.0	156.3*	253.5	-	-	-	257.9
177.2	137.6*	248.0	-	-	-	253.5
190.3	121.5*	242.5	243.6	-	-	249.1
203.4	107.6*	238.1	242.5	-	-	246.9
216.5	95.5*	232.6	241.4	-	-	240.3
229.7	84.7*	227.1	239.2	-	-	235.9
242.8	75.2*	220.5	237.0	-	-	231.5
255.9	66.8*	202.6	233.7	-	-	227.1
269.0	59.1*	186.7	222.7	212.7	-	222.7
282.2	52.0*	172.2	205.3	212.7	-	219.4
295.3	45.9*	159.2	188.9	212.7	-	215.0
308.4	39.9*	147.3	174.4	205.7	-	209.4
321.5	34.6*	136.0	161.4	189.6	-	192.9
334.6	-	-	149.3	175.3	177.7	178.6
347.8	-	-	138.0	162.0	167.3	165.3
360.9	-	-	-	149.9	157.6	148.8
374.0	-	-	-	138.9	148.8	132.3
387.1	-	-	-	-	140.7	112.9
400.3	-	-	-	-	132.9	103.0
413.4	-	-	-	-	-	101.4
426.5	-	-	-	-	-	96.1
439.6	-	-	-	-	-	60.2

157.5 ft + 354.3 ft

ft	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
105.0	196.2*	207.7*	-	-	-	-	-
111.5	196.2*	206.8*	-	-	-	-	-
124.7	194.7	205.0	-	-	-	-	-
137.8	186.1*	201.9	-	-	-	-	199.5
150.9	166.2*	198.9	-	-	-	-	197.3
164.0	149.3*	195.8	-	-	-	-	196.2
177.2	133.4*	192.5	-	-	-	-	194.0
190.3	117.1*	189.2	-	-	-	-	190.7
203.4	103.2*	185.6	-	-	-	-	188.5
216.5	90.8*	182.3	181.2	-	-	-	185.2
229.7	80.0*	179.0	180.1	-	-	-	181.9
242.8	70.5*	175.7	179.0	-	-	-	178.6
255.9	61.9*	172.0	177.7	-	-	-	174.2
269.0	54.2*	166.9	176.4	-	-	-	170.9
282.2	47.2*	160.5	174.8	-	-	-	167.6
295.3	40.8*	153.9	173.5	155.6	-	-	164.2
308.4	35.1*	144.6	171.5	155.6	-	-	160.9
321.5	29.8*	133.6	158.3	155.6	-	-	157.6
334.6	24.9*	123.7	146.4	155.6	-	-	153.2
347.8	20.3*	114.4	135.4	155.6	-	-	148.8
360.9	12.6	105.6	125.4	147.0	135.8	-	144.4
374.0	-	-	116.0	136.0	135.8	-	138.9
387.1	-	-	107.1	125.9	134.5	-	127.9
400.3	-	-	-	116.6	126.8	-	114.6
413.4	-	-	-	107.8	119.5	-	101.4
426.5	-	-	-	-	112.9	90.4	88.6
439.6	-	-	-	-	106.5	85.3	76.1
452.8	-	-	-	-	-	80.7	63.7
465.9	-	-	-	-	-	-	51.6
479.0	-	-	-	-	-	-	39.0

177.2 ft + 118.1 ft

ft	1,000 lb					
52.5	681.2*	992.1*	-	-	-	-
59.1	610.7*	967.8*	-	-	-	-
62.3	582.0*	1020.7	-	-	-	956.8
65.6	553.4*	1009.7	-	-	-	956.8
72.2	507.1*	987.7	-	-	-	956.8
78.7	465.2*	963.4	-	-	-	956.8
85.3	427.7*	937.0	-	-	-	956.8
91.9	389.1*	884.1	-	-	-	948.0
98.4	356.0*	800.3	-	-	-	939.2
111.5	303.1*	668.0	868.6	-	-	857.6
124.7	261.2*	573.2	771.6	-	-	751.8
131.2	243.6*	533.5	727.5	-	-	709.9
137.8	220.2	498.2	687.8	-	-	668.0
150.9	-	-	604.1	-	-	597.5
157.5	-	-	560.0	571.0	-	567.7
164.0	-	-	522.5	544.5	-	537.9
177.2	-	-	-	498.2	-	487.2
190.3	-	-	-	458.6	-	445.3
203.4	-	-	-	-	391.3	392.4
216.5	-	-	-	-	362.7	346.1
229.7	-	-	-	-	-	304.2
242.8	-	-	-	-	-	280.0
255.9	-	-	-	-	-	242.5
269.0	-	-	-	-	-	206.1

* Main boom angle 87° · For explanations see page 73

374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

177.2 ft + 157.5 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
59.1	573.2*	760.6*	-	-	-	-	-
65.6	520.3*	756.2*	-	-	-	-	-
72.2	476.2*	776.0	-	-	-	-	-
78.7	438.7*	773.8	-	-	-	-	740.8
85.3	405.7*	767.2	-	-	-	-	740.8
91.9	377.0*	754.0	-	-	-	-	740.8
98.4	351.6*	738.5	-	-	-	-	740.8
111.5	297.6*	707.7	-	-	-	-	734.1
124.7	256.8*	612.9	-	-	-	-	727.5
131.2	239.2*	568.8	723.1	-	-	-	700.0
137.8	223.8*	531.3	683.4	-	-	-	672.4
150.9	197.3*	467.4	615.1	-	-	-	601.9
164.0	175.0*	414.5	560.0	-	-	-	542.3
177.2	149.5	367.1	489.4	-	-	-	491.6
190.3	-	-	434.3	451.9	-	-	447.5
203.4	-	-	386.9	418.9	-	-	410.1
216.5	-	-	-	389.1	-	-	374.8
229.7	-	-	-	363.8	327.4	-	332.9
242.8	-	-	-	-	305.3	-	297.6
255.9	-	-	-	-	286.6	-	262.4
269.0	-	-	-	-	-	239.2	242.5
282.2	-	-	-	-	-	224.9	215.0
295.3	-	-	-	-	-	-	186.3
308.4	-	-	-	-	-	-	165.3

177.2 ft + 196.9 ft							
ft	1,000 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
72.2	447.5*	584.2*	-	-	-	-	-
78.7	413.4*	582.0*	-	-	-	-	-
85.3	382.5*	595.2	-	-	-	-	-
91.9	356.0*	593.0	-	-	-	-	577.6
98.4	331.8*	590.8	-	-	-	-	577.6
111.5	292.1*	577.6	-	-	-	-	577.6
124.7	259.0*	560.0	-	-	-	-	577.6
137.8	226.0*	540.1	-	-	-	-	573.2
144.4	211.4*	504.9	584.2	-	-	-	567.7
150.9	198.2*	474.0	579.8	-	-	-	566.6
164.0	175.5*	422.2	564.4	-	-	-	546.7
177.2	156.1*	377.0	498.2	-	-	-	500.4
190.3	139.6*	340.6	440.9	-	-	-	456.4
203.4	125.2*	307.5	393.5	420.0	-	-	416.7
216.5	-	-	353.8	390.2	-	-	383.6
229.7	-	-	320.8	362.7	-	-	352.7
242.8	-	-	291.0	339.5	-	-	324.1
255.9	-	-	-	318.6	283.3	-	291.0
269.0	-	-	-	299.8	265.7	-	262.4
282.2	-	-	-	-	249.1	-	233.7
295.3	-	-	-	-	233.7	-	213.8
308.4	-	-	-	-	-	194.9	194.0
321.5	-	-	-	-	-	183.6	169.8
334.6	-	-	-	-	-	-	146.6
347.8	-	-	-	-	-	-	134.5

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

0 lb	176,400 lb	352,800 lb	529,200 lb
705,600 lb	882,000 lb	992,100 lb	

177.2 ft + 236.2 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
78.7	388.0*	449.7*	-	-	-	-	-
85.3	359.4*	447.5*	-	-	-	-	-
91.9	334.0*	454.2	-	-	-	-	-
98.4	312.0*	451.9	-	-	-	-	-
111.5	273.4*	445.3	-	-	-	-	440.9
124.7	242.5*	438.7	-	-	-	-	440.9
137.8	212.3*	429.9	-	-	-	-	440.9
150.9	186.1*	420.0	-	-	-	-	440.9
164.0	164.0*	410.1	433.2	-	-	-	440.9
177.2	145.5*	369.3	432.1	-	-	-	427.7
190.3	129.6*	332.9	428.8	-	-	-	416.7
203.4	116.0*	302.0	384.7	-	-	-	405.7
216.5	103.8*	274.5	346.1	-	-	-	383.6
229.7	93.3*	251.3	313.1	349.4	-	-	352.7
242.8	83.6*	230.4	285.5	327.4	-	-	326.3
255.9	-	-	260.1	306.4	-	-	302.0
269.0	-	-	238.1	288.8	-	-	273.4
282.2	-	-	219.1	267.9	235.9	-	246.9
295.3	-	-	-	244.7	221.6	-	220.5
308.4	-	-	-	224.9	209.0	-	198.4
321.5	-	-	-	-	197.1	-	184.1
334.6	-	-	-	-	185.8	161.2	166.4
347.8	-	-	-	-	-	151.9	146.6
360.9	-	-	-	-	-	143.3	127.9
374.0	-	-	-	-	-	-	113.5
387.1	-	-	-	-	-	-	99.2

177.2 ft + 275.6 ft							
ft	1,000 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
85.3	330.7*	346.1*	-	-	-	-	-
91.9	315.3*	345.0*	-	-	-	-	-
98.4	294.3*	341.7*	-	-	-	-	-
105.0	276.1*	345.0	-	-	-	-	-
111.5	257.9*	342.8	-	-	-	-	-
124.7	229.3*	339.5	-	-	-	-	335.1
137.8	205.0*	334.0	-	-	-	-	335.1
150.9	181.7*	329.6	-	-	-	-	335.1
164.0	159.6*	323.0	-	-	-	-	332.9
177.2	141.1*	317.5	323.0	-	-	-	330.7
190.3	125.0*	312.0	323.0	-	-	-	326.3
203.4	111.3*	299.8	323.0	-	-	-	321.9
216.5	99.2*	273.4	321.9	-	-	-	315.3
229.7	88.6*	250.2	312.0	-	-	-	310.9
242.8	79.1*	229.3	283.3	-	-	-	306.4
255.9	70.8*	211.0	259.0	287.7	-	-	299.8
269.0	63.1*	194.4	237.0	283.3	-	-	282.2
282.2	56.2*	179.5	218.5	265.7	-	-	260.1
295.3	-	-	201.3	243.6	-	-	235.9
308.4	-	-	185.8	223.8	-	-	213.8
321.5	-	-	171.3	206.4	190.3	-	192.9
334.6	-	-	-	190.5	179.2	-	173.1
347.8	-	-	-	175.9	169.1	-	159.8
360.9	-	-	-	-	159.6	-	145.5
374.0	-	-	-	-	151.0	128.3	129.0
387.1	-	-	-	-	-	121.0	112.4
400.3	-	-	-	-	-	114.2	98.1
413.4	-	-	-	-	-	-	89.7
426.5	-	-	-	-	-	-	73.6

374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

177.2 ft + 315.0 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
98.4	248.0*	261.2*	-	-	-	-	-
111.5	243.6*	257.9	-	-	-	-	-
124.7	215.8*	255.7	-	-	-	-	251.3
137.8	192.2*	252.4	-	-	-	-	249.1
150.9	172.4*	248.0	-	-	-	-	249.1
164.0	154.8*	243.6	-	-	-	-	246.9
177.2	136.0*	239.2	-	-	-	-	244.7
190.3	120.2*	234.8	-	-	-	-	242.5
203.4	106.3*	229.3	233.7	-	-	-	238.1
216.5	94.1*	224.9	233.7	-	-	-	235.9
229.7	83.6*	220.2	232.6	-	-	-	231.5
242.8	74.1*	213.8	230.4	-	-	-	227.1
255.9	65.5*	205.5	228.2	-	-	-	222.7
269.0	58.0*	192.0	226.0	-	-	-	218.3
282.2	51.1*	177.3	215.6	204.6	-	-	213.8
295.3	44.8*	163.8	198.6	204.6	-	-	210.5
308.4	39.0*	151.5	183.2	204.6	-	-	206.1
321.5	33.7*	140.0	169.3	203.3	-	-	201.7
334.6	-	-	156.7	187.6	-	-	184.1
347.8	-	-	145.1	173.3	162.3	-	166.4
360.9	-	-	-	160.5	153.2	-	149.9
374.0	-	-	-	148.6	145.3	-	137.8
387.1	-	-	-	137.6	138.0	-	126.8
400.3	-	-	-	-	131.2	106.7	112.4
413.4	-	-	-	-	124.8	100.3	98.3
426.5	-	-	-	-	-	94.4	84.7
439.6	-	-	-	-	-	88.8	75.2
452.8	-	-	-	-	-	-	65.0
465.9	-	-	-	-	-	-	50.9

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

177.2 ft + 354.3 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
105.0	188.9*	199.1*	-	-	-	-	-
111.5	188.9*	198.2*	-	-	-	-	-
124.7	187.2*	196.2	-	-	-	-	-
137.8	180.1*	194.0	-	-	-	-	190.7
150.9	160.9*	191.4	-	-	-	-	189.6
164.0	144.2*	188.5	-	-	-	-	188.5
177.2	129.9*	185.6	-	-	-	-	187.4
190.3	115.7*	182.5	-	-	-	-	184.1
203.4	101.9*	179.2	-	-	-	-	181.9
216.5	89.5*	176.1	174.4	-	-	-	179.7
229.7	78.9*	172.8	173.9	-	-	-	176.4
242.8	69.2*	169.8	173.3	-	-	-	173.1
255.9	60.8*	166.4	172.4	-	-	-	169.8
269.0	53.1*	161.6	171.3	-	-	-	166.4
282.2	46.3*	155.0	170.2	-	-	-	163.1
295.3	39.9*	148.4	169.1	149.3	-	-	159.8
308.4	34.2*	141.8	167.6	149.3	-	-	156.5
321.5	28.9*	135.1	165.6	149.3	-	-	154.3
334.6	24.0*	127.4	153.9	149.3	-	-	149.9
347.8	19.4*	117.9	142.4	149.3	-	-	147.7
360.9	15.2*	108.9	131.8	149.3	-	-	142.2
374.0	-	-	122.1	145.7	130.1	-	137.8
387.1	-	-	112.9	135.1	130.1	-	129.0
400.3	-	-	-	125.0	125.9	-	117.9
413.4	-	-	-	115.7	119.5	-	109.6
426.5	-	-	-	107.1	113.3	-	96.6
439.6	-	-	-	-	107.8	82.0	84.2
452.8	-	-	-	-	102.5	76.7	72.1
465.9	-	-	-	-	-	71.7	61.7
479.0	-	-	-	-	-	-	55.6
492.1	-	-	-	-	-	-	43.7
505.3	-	-	-	-	-	-	31.3

374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

196.9 ft + 118.1 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
52.5	654.8*	908.3*	-	-	-	-	-
59.1	588.6*	886.3*	-	-	-	-	-
62.3	562.2*	941.4	-	-	-	-	-
65.6	535.7*	941.4	-	-	-	-	873.0
72.2	489.4*	923.7	-	-	-	-	873.0
78.7	449.7*	903.9	-	-	-	-	873.0
85.3	417.8*	881.8	-	-	-	-	873.0
91.9	385.8*	844.4	-	-	-	-	873.0
98.4	352.7*	815.7	-	-	-	-	864.2
111.5	299.8*	681.2	-	-	-	-	851.0
118.1	277.8*	628.3	806.9	-	-	-	798.1
124.7	259.0*	582.0	762.8	-	-	-	745.2
131.2	241.4*	542.3	718.7	-	-	-	703.3
137.8	216.5	507.1	681.2	-	-	-	661.4
150.9	-	-	612.9	-	-	-	590.8
164.0	-	-	551.2	-	-	-	531.3
173.9	-	-	-	498.2	-	-	493.3
177.2	-	-	-	487.2	-	-	480.6
190.3	-	-	-	449.7	-	-	436.5
203.4	-	-	-	416.7	-	-	399.0
216.5	-	-	-	-	362.7	-	361.6
229.7	-	-	-	-	338.4	-	319.7
242.8	-	-	-	-	-	-	282.2
255.9	-	-	-	-	-	-	251.3
269.0	-	-	-	-	-	-	227.1
282.2	-	-	-	-	-	-	195.1
295.3	-	-	-	-	-	-	168.7

196.9 ft + 196.9 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
72.2	433.2*	546.7*	-	-	-	-	-
78.7	400.1*	544.5*	-	-	-	-	-
85.3	370.4*	560.0	-	-	-	-	-
91.9	345.0*	560.0	-	-	-	-	537.9
98.4	321.9*	560.0	-	-	-	-	537.9
111.5	284.4*	551.2	-	-	-	-	537.9
124.7	252.4*	535.7	-	-	-	-	537.9
137.8	223.8*	520.3	-	-	-	-	537.9
150.9	196.2*	487.2	551.2	-	-	-	533.5
164.0	173.5*	432.1	546.7	-	-	-	515.9
177.2	154.3*	386.9	509.3	-	-	-	493.8
190.3	137.8*	348.3	465.2	-	-	-	449.7
203.4	123.7*	315.3	415.6	-	-	-	410.1
216.5	104.3	282.2	372.6	381.4	-	-	377.0
229.7	-	-	336.2	354.9	-	-	346.1
242.8	-	-	305.3	331.8	-	-	319.7
255.9	-	-	-	312.0	-	-	295.4
269.0	-	-	-	293.2	265.7	-	271.2
282.2	-	-	-	275.6	249.1	-	242.5
295.3	-	-	-	-	233.7	-	218.3
308.4	-	-	-	-	220.5	-	194.0
321.5	-	-	-	-	-	180.6	177.5
334.6	-	-	-	-	-	171.1	158.7
347.8	-	-	-	-	-	-	137.8
360.9	-	-	-	-	-	-	116.8

196.9 ft + 157.5 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
62.3	526.9*	705.5*	-	-	-	-	-
65.6	502.7*	701.1*	-	-	-	-	-
72.2	460.8*	729.7	-	-	-	-	-
78.7	424.4*	725.3	-	-	-	-	683.4
85.3	393.5*	720.9	-	-	-	-	683.4
91.9	366.0*	712.1	-	-	-	-	683.4
98.4	341.7*	698.9	-	-	-	-	683.4
111.5	294.3*	670.2	-	-	-	-	683.4
124.7	253.5*	623.9	-	-	-	-	676.8
134.5	229.3*	561.1	694.5	-	-	-	666.9
137.8	221.6*	542.3	674.6	-	-	-	665.8
150.9	195.1*	478.4	608.5	-	-	-	595.2
164.0	172.8*	424.4	551.2	-	-	-	535.7
177.2	146.2	378.1	504.9	-	-	-	485.0
190.3	-	-	456.4	443.1	-	-	440.9
203.4	-	-	407.9	410.1	-	-	403.4
216.5	-	-	-	381.4	-	-	368.2
229.7	-	-	-	354.9	-	-	339.5
242.8	-	-	-	332.9	305.3	-	308.6
255.9	-	-	-	-	286.6	-	275.6
269.0	-	-	-	-	269.0	-	244.7
282.2	-	-	-	-	-	217.8	218.3
295.3	-	-	-	-	-	205.9	200.6
308.4	-	-	-	-	-	-	175.3
321.5	-	-	-	-	-	-	149.9

196.9 ft + 236.2 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
78.7	374.8*	425.5*	-	-	-	-	-
85.3	347.2*	423.3*	-	-	-	-	-
91.9	323.0*	431.0	-	-	-	-	-
98.4	302.0*	431.0	-	-	-	-	-
111.5	265.7*	426.6	-	-	-	-	414.5
124.7	235.9*	420.0	-	-	-	-	414.5
137.8	210.3*	412.3	-	-	-	-	414.5
150.9	184.1*	403.4	-	-	-	-	414.5
164.0	162.3*	394.6	-	-	-	-	414.5
177.2	144.0*	378.1	410.1	-	-	-	410.1
190.3	128.1*	340.6	409.0	-	-	-	396.8
203.4	114.4*	308.6	406.8	-	-	-	385.8
216.5	102.3*	281.1	364.9	-	-	-	377.0
229.7	91.7*	256.8	329.6	-	-	-	346.1
242.8	82.2*	234.8	298.7	319.7	-	-	319.7
255.9	-	-	272.3	299.8	-	-	295.4
269.0	-	-	249.1	281.1	-	-	273.4
282.2	-	-	228.2	265.7	-	-	253.5
295.3	-	-	-	250.2	221.6	-	229.3
308.4	-	-	-	237.0	208.8	-	207.2
321.5	-	-	-	220.5	196.7	-	185.2
334.6	-	-	-	-	185.6	-	165.3
347.8	-	-	-	-	175.5	149.9	151.0
360.9	-	-	-	-	-	141.3	136.7
374.0	-	-	-	-	-	133.4	119.0
387.1	-	-	-	-	-	-	101.9
400.3	-	-	-	-	-	-	89.5

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1



374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

196.9 ft + 275.6 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
91.9	305.3*	327.4*	-	-	-	-	-
98.4	285.5*	325.2*	-	-	-	-	-
105.0	267.9*	328.5	-	-	-	-	-
111.5	250.2*	328.5	-	-	-	-	-
124.7	221.6*	325.2	-	-	-	-	317.5
137.8	198.6*	320.8	-	-	-	-	317.5
150.9	178.6*	316.4	-	-	-	-	317.5
164.0	157.9*	310.9	-	-	-	-	317.5
177.2	139.3*	305.3	-	-	-	-	317.5
190.3	123.5*	300.9	308.6	-	-	-	315.3
203.4	109.8*	295.4	307.5	-	-	-	308.6
216.5	97.9*	280.0	307.5	-	-	-	304.2
229.7	87.3*	255.7	306.4	-	-	-	297.6
242.8	77.8*	234.8	297.6	-	-	-	293.2
255.9	69.4*	215.8	271.2	273.4	-	-	288.8
269.0	61.9*	198.9	248.0	273.4	-	-	275.6
282.2	54.9*	183.4	228.2	260.1	-	-	255.7
295.3	-	-	210.3	245.8	-	-	235.9
308.4	-	-	194.0	232.6	-	-	219.4
321.5	-	-	179.0	219.8	189.6	-	199.5
334.6	-	-	-	202.8	178.6	-	179.7
347.8	-	-	-	187.2	168.7	-	160.9
360.9	-	-	-	-	159.2	-	143.3
374.0	-	-	-	-	150.6	-	131.2
387.1	-	-	-	-	142.4	118.8	120.2
400.3	-	-	-	-	-	112.0	104.9
413.4	-	-	-	-	-	105.6	89.9
426.5	-	-	-	-	-	-	75.4
439.6	-	-	-	-	-	-	67.9

196.9 ft + 315.0 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
98.4	237.0*	248.0*	-	-	-	-	-
111.5	233.7*	244.7*	-	-	-	-	-
118.1	221.2*	246.9	-	-	-	-	-
124.7	208.8*	245.8	-	-	-	-	-
137.8	186.1*	242.5	-	-	-	-	238.1
150.9	166.7*	239.2	-	-	-	-	238.1
164.0	149.9*	234.8	-	-	-	-	238.1
177.2	134.5*	231.5	-	-	-	-	235.9
190.3	118.6*	227.1	-	-	-	-	233.7
203.4	104.7*	222.7	223.8	-	-	-	231.5
216.5	92.8*	218.3	223.8	-	-	-	227.1
229.7	82.2*	213.8	223.8	-	-	-	222.7
242.8	72.8*	208.6	223.8	-	-	-	220.5
255.9	64.4*	201.7	221.6	-	-	-	216.1
269.0	56.9*	194.7	219.8	-	-	-	212.7
282.2	49.8*	181.2	217.2	195.6	-	-	208.3
295.3	43.7*	167.6	207.5	195.6	-	-	205.0
308.4	37.9*	155.0	191.4	195.6	-	-	200.6
321.5	32.6*	143.3	176.8	195.6	-	-	196.2
334.6	-	-	163.6	195.6	-	-	189.6
347.8	-	-	151.5	184.5	-	-	172.0
360.9	-	-	140.0	170.9	152.1	-	155.4
374.0	-	-	-	158.1	143.5	-	138.9
387.1	-	-	-	146.4	135.4	-	123.5
400.3	-	-	-	-	127.9	-	112.4
413.4	-	-	-	-	120.8	98.1	103.6
426.5	-	-	-	-	114.2	92.2	90.6
439.6	-	-	-	-	-	86.6	77.4
452.8	-	-	-	-	-	81.6	64.6
465.9	-	-	-	-	-	-	56.9
479.0	-	-	-	-	-	-	45.9

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

196.9 ft + 354.3 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft							1,000 lb
105.0	175.9*	186.1*	-	-	-	-	-
111.5	175.9*	185.4*	-	-	-	-	-
124.7	174.8	183.4	-	-	-	-	-
137.8	171.1*	181.7	-	-	-	-	-
150.9	155.4*	179.0	-	-	-	-	177.5
164.0	139.3*	176.4	-	-	-	-	176.4
177.2	125.2*	173.7	-	-	-	-	175.3
190.3	112.9*	170.9	-	-	-	-	173.1
203.4	100.3*	167.8	-	-	-	-	170.9
216.5	88.2*	164.7	161.8	-	-	-	167.6
229.7	77.6*	161.8	161.6	-	-	-	165.3
242.8	68.1*	158.7	161.2	-	-	-	162.0
255.9	59.5*	155.9	160.7	-	-	-	159.8
269.0	52.0*	151.5	160.1	-	-	-	156.5
282.2	45.2*	145.5	159.0	-	-	-	153.2
295.3	38.8*	139.1	157.6	-	-	-	151.0
308.4	33.1*	132.9	156.5	138.0	-	-	147.7
321.5	27.8*	126.5	154.8	138.0	-	-	144.4
334.6	22.9*	120.2	151.9	138.0	-	-	141.1
347.8	18.5*	114.0	147.5	138.0	-	-	138.9
360.9	14.3*	107.6	137.8	138.0	-	-	135.6
374.0	-	-	127.6	138.0	-	-	130.1
387.1	-	-	118.2	138.0	119.9	-	124.6
400.3	-	-	109.1	133.4	119.7	-	119.0
413.4	-	-	-	123.5	114.4	-	106.5
426.5	-	-	-	114.4	107.8	-	95.7
439.6	-	-	-	-	101.6	-	87.7
452.8	-	-	-	-	95.7	74.5	76.9
465.9	-	-	-	-	90.6	69.4	65.3
479.0	-	-	-	-	-	64.8	54.0
492.1	-	-	-	-	-	60.4	44.3
518.4	-	-	-	-	-	-	26.7

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

0 lb	176,400 lb	352,800 lb	529,200 lb
705,600 lb	882,000 lb	992,100 lb	

216.5 ft + 118.1 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft							1,000 lb
52.5	630.5*	835.6*	-	-	-	-	-
59.1	568.8*	824.5*	-	-	-	-	-
65.6	515.9*	857.6	-	-	-	-	811.3
72.2	474.0*	848.8	-	-	-	-	811.3
78.7	436.5*	833.3	-	-	-	-	811.3
85.3	404.5*	813.5	-	-	-	-	811.3
91.9	377.0*	793.7	-	-	-	-	800.3
98.4	350.5*	773.8	-	-	-	-	800.3
111.5	297.6*	696.7	-	-	-	-	784.8
124.7	256.8*	593.0	751.8	-	-	-	738.5
131.2	239.2*	551.2	712.1	-	-	-	696.7
137.8	213.0	513.7	672.4	-	-	-	654.8
150.9	-	-	606.3	-	-	-	584.2
164.0	-	-	551.2	-	-	-	524.7
177.2	-	-	504.9	478.4	-	-	474.0
190.3	-	-	-	440.9	-	-	429.9
203.4	-	-	-	407.9	-	-	392.4
216.5	-	-	-	-	-	-	357.1
229.7	-	-	-	-	332.9	-	328.5
242.8	-	-	-	-	312.0	-	295.4
255.9	-	-	-	-	-	-	260.1
269.0	-	-	-	-	-	-	229.3
282.2	-	-	-	-	-	-	208.3
295.3	-	-	-	-	-	-	181.9
308.4	-	-	-	-	-	-	153.2

216.5 ft + 157.5 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft							1,000 lb
62.3	507.1*	654.8*	-	-	-	-	-
65.6	485.0*	654.8*	-	-	-	-	-
72.2	445.3*	646.0*	-	-	-	-	-
78.7	411.2*	672.4	-	-	-	-	639.3
85.3	381.4*	668.0	-	-	-	-	639.3
91.9	354.9*	659.2	-	-	-	-	639.3
98.4	331.8*	648.2	-	-	-	-	639.3
111.5	292.1*	623.9	-	-	-	-	639.3
124.7	251.3*	599.7	-	-	-	-	623.9
137.8	219.4*	551.2	665.8	-	-	-	617.3
150.9	192.9*	485.0	601.9	-	-	-	590.8
164.0	170.9*	432.1	546.7	-	-	-	529.1
177.2	143.3	381.4	498.2	-	-	-	478.4
190.3	-	-	458.6	-	-	-	434.3
203.4	-	-	425.5	401.2	-	-	396.8
216.5	-	-	383.6	372.6	-	-	361.6
229.7	-	-	-	347.2	-	-	332.9
242.8	-	-	-	325.2	-	-	306.4
255.9	-	-	-	-	283.3	-	282.2
269.0	-	-	-	-	265.7	-	253.5
282.2	-	-	-	-	250.2	-	227.1
295.3	-	-	-	-	-	196.0	200.6
308.4	-	-	-	-	-	185.4	179.7
321.5	-	-	-	-	-	-	163.1
334.6	-	-	-	-	-	-	140.0
347.8	-	-	-	-	-	-	116.8

374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

216.5 ft + 196.9 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
	1,000 lb						
72.2	418.9*	513.7*	-	-	-	-	-
78.7	386.9*	511.5*	-	-	-	-	-
85.3	359.4*	524.7	-	-	-	-	-
91.9	334.0*	524.7	-	-	-	-	504.9
98.4	312.0*	522.5	-	-	-	-	504.9
111.5	275.6*	515.9	-	-	-	-	504.9
124.7	244.7*	502.7	-	-	-	-	504.9
137.8	220.5*	487.2	-	-	-	-	498.2
150.9	194.4*	471.8	-	-	-	-	493.8
157.5	182.5*	463.0	518.1	-	-	-	491.6
164.0	171.7*	445.3	513.7	-	-	-	489.4
177.2	152.8*	411.2	502.7	-	-	-	469.6
190.3	136.2*	371.5	463.0	-	-	-	443.1
203.4	122.1*	330.7	427.7	-	-	-	405.7
216.5	102.1	280.0	396.8	-	-	-	370.4
229.7	-	-	367.1	347.2	-	-	339.5
242.8	-	-	335.1	325.2	-	-	313.1
255.9	-	-	294.3	304.2	-	-	288.8
269.0	-	-	-	286.6	-	-	266.8
282.2	-	-	-	270.1	246.9	-	246.9
295.3	-	-	-	-	231.5	-	224.9
308.4	-	-	-	-	218.7	-	201.7
321.5	-	-	-	-	206.6	-	179.7
334.6	-	-	-	-	-	162.0	157.6
347.8	-	-	-	-	-	153.9	145.5
360.9	-	-	-	-	-	-	127.9
374.0	-	-	-	-	-	-	108.7
387.1	-	-	-	-	-	-	92.4

216.5 ft + 236.2 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
	1,000 lb						
78.7	361.6*	402.3*	-	-	-	-	-
85.3	335.1*	401.2*	-	-	-	-	-
91.9	312.0*	397.9*	-	-	-	-	-
98.4	292.1*	406.8	-	-	-	-	-
111.5	256.8*	402.3	-	-	-	-	392.4
124.7	228.2*	396.8	-	-	-	-	392.4
137.8	204.6*	390.2	-	-	-	-	392.4
150.9	182.3*	382.5	-	-	-	-	392.4
164.0	160.7*	373.7	-	-	-	-	392.4
177.2	142.4*	366.0	390.2	-	-	-	390.2
190.3	126.5*	354.9	389.1	-	-	-	377.0
203.4	113.1*	332.9	386.9	-	-	-	368.2
216.5	101.0*	303.1	383.6	-	-	-	359.4
229.7	90.6*	273.4	357.1	-	-	-	341.7
242.8	81.1*	240.3	329.6	312.0	-	-	315.3
255.9	65.9	205.0	300.9	292.1	-	-	288.8
269.0	-	-	275.6	274.5	-	-	266.8
282.2	-	-	252.4	259.0	-	-	246.9
295.3	-	-	-	244.7	-	-	229.3
308.4	-	-	-	231.5	206.1	-	212.7
321.5	-	-	-	219.6	194.2	-	190.7
334.6	-	-	-	-	183.2	-	170.9
347.8	-	-	-	-	173.1	-	152.1
360.9	-	-	-	-	163.6	135.6	134.5
374.0	-	-	-	-	-	128.8	123.5
387.1	-	-	-	-	-	122.6	110.0
400.3	-	-	-	-	-	-	93.7
413.4	-	-	-	-	-	-	77.2
426.5	-	-	-	-	-	-	67.7

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

216.5 ft + 275.6 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
	1,000 lb						
91.9	295.4 *	310.9 *	-	-	-	-	-
98.4	275.6 *	308.6 *	-	-	-	-	-
105.0	259.0 *	312.0	-	-	-	-	-
111.5	242.5 *	312.0	-	-	-	-	-
124.7	215.2 *	308.6	-	-	-	-	302.0
137.8	192.2 *	305.3	-	-	-	-	302.0
150.9	172.8 *	300.9	-	-	-	-	302.0
164.0	156.1 *	296.5	-	-	-	-	302.0
177.2	137.8 *	291.0	-	-	-	-	302.0
190.3	122.1 *	286.6	294.3	-	-	-	302.0
203.4	108.5 *	281.1	294.3	-	-	-	297.6
216.5	96.6 *	276.7	294.3	-	-	-	291.0
229.7	86.0 *	272.3	293.2	-	-	-	284.4
242.8	76.7 *	253.5	292.1	-	-	-	280.0
255.9	68.3 *	232.6	291.0	-	-	-	275.6
269.0	60.8 *	211.2	273.4	261.2	-	-	269.0
282.2	54.0 *	186.7	251.3	253.5	-	-	249.1
295.3	-	-	231.5	239.2	-	-	231.5
308.4	-	-	214.5	226.0	-	-	215.0
321.5	-	-	197.8	214.7	-	-	199.5
334.6	-	-	-	203.5	175.9	-	184.1
347.8	-	-	-	193.3	166.0	-	165.3
360.9	-	-	-	183.9	156.7	-	148.8
374.0	-	-	-	-	148.2	-	132.3
387.1	-	-	-	-	140.0	-	116.8
400.3	-	-	-	-	132.5	108.2	106.0
413.4	-	-	-	-	-	102.1	95.9
426.5	-	-	-	-	-	96.3	81.8
439.6	-	-	-	-	-	-	67.9
452.8	-	-	-	-	-	-	56.9

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

216.5 ft + 315.0 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
	1,000 lb						
98.4	227.1 *	235.9 *	-	-	-	-	-
111.5	222.7 *	233.7 *	-	-	-	-	-
118.1	212.2 *	234.8	-	-	-	-	-
124.7	201.7 *	234.8	-	-	-	-	-
137.8	179.7 *	231.5	-	-	-	-	229.3
150.9	160.9 *	228.2	-	-	-	-	227.1
164.0	144.8 *	224.9	-	-	-	-	227.1
177.2	131.0 *	221.6	-	-	-	-	227.1
190.3	117.1 *	217.8	-	-	-	-	224.9
203.4	103.4 *	213.6	215.6	-	-	-	222.7
216.5	91.5 *	209.7	215.6	-	-	-	220.5
229.7	80.9 *	205.5	215.6	-	-	-	216.1
242.8	71.7 *	200.8	215.4	-	-	-	212.7
255.9	63.3 *	195.6	214.3	-	-	-	209.4
269.0	55.8 *	189.8	212.7	-	-	-	206.1
282.2	48.9 *	184.1	210.3	-	-	-	201.7
295.3	42.8 *	178.6	208.3	187.6	-	-	198.4
308.4	37.0 *	164.2	206.1	187.6	-	-	195.1
321.5	31.7 *	145.3	196.0	187.4	-	-	190.7
334.6	-	-	181.7	187.4	-	-	186.3
347.8	-	-	168.4	187.4	-	-	172.0
360.9	-	-	155.2	178.8	149.5	-	157.6
374.0	-	-	-	170.0	140.9	-	142.2
387.1	-	-	-	161.8	132.9	-	127.9
400.3	-	-	-	154.1	125.4	-	113.5
413.4	-	-	-	-	118.4	-	100.3
426.5	-	-	-	-	112.0	88.6	89.7
439.6	-	-	-	-	-	83.1	81.8
452.8	-	-	-	-	-	78.0	69.7
465.9	-	-	-	-	-	73.2	57.5
479.0	-	-	-	-	-	-	45.4
492.1	-	-	-	-	-	-	36.8

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

216.5 ft + 354.3 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
105.0	169.1 *	176.8 *	-	-	-	-	-
111.5	169.1 *	176.8 *	-	-	-	-	-
124.7	168.0 *	174.8	-	-	-	-	-
137.8	164.2 *	173.7	-	-	-	-	-
150.9	149.7 *	171.7	-	-	-	-	169.8
164.0	134.0 *	169.3	-	-	-	-	168.7
177.2	120.6 *	167.1	-	-	-	-	167.6
190.3	108.7 *	164.5	-	-	-	-	166.4
203.4	97.9 *	161.6	-	-	-	-	164.2
216.5	87.1 *	158.7	-	-	-	-	162.0
229.7	76.3 *	155.9	155.0	-	-	-	159.8
242.8	67.0 *	153.2	155.0	-	-	-	157.6
255.9	58.6 *	150.4	154.8	-	-	-	155.4
269.0	50.9 *	146.6	154.5	-	-	-	152.1
282.2	44.1 *	141.5	153.9	-	-	-	148.8
295.3	37.9 *	136.0	152.8	-	-	-	146.6
308.4	32.2 *	130.7	151.9	-	-	-	143.3
321.5	26.9 *	125.2	150.4	132.1	-	-	141.1
334.6	22.3 *	119.7	148.6	132.1	-	-	137.8
347.8	17.6 *	114.4	145.5	132.1	-	-	135.6
360.9	13.4 *	108.9	142.0	132.1	-	-	132.3
374.0	-	-	138.2	132.1	-	-	127.9
387.1	-	-	132.7	132.1	-	-	123.5
400.3	-	-	121.9	132.1	114.4	-	117.9
413.4	-	-	-	132.1	111.8	-	109.3
426.5	-	-	-	131.0	105.4	-	96.8
439.6	-	-	-	121.7	99.2	-	84.7
452.8	-	-	-	-	93.5	-	75.0
465.9	-	-	-	-	88.0	65.9	67.7
479.0	-	-	-	-	-	61.5	57.8
492.1	-	-	-	-	-	57.1	47.2
505.3	-	-	-	-	-	53.1	36.4
518.4	-	-	-	-	-	-	25.8
531.5	-	-	-	-	-	-	19.2

236.2 ft + 118.1 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
52.5	604.1 *	762.8 *	-	-	-	-	-
59.1	546.7 *	756.2 *	-	-	-	-	-
65.6	498.2 *	782.6	-	-	-	-	740.8
72.2	456.4 *	778.2	-	-	-	-	740.8
78.7	422.2 *	765.0	-	-	-	-	740.8
85.3	391.3 *	747.4	-	-	-	-	740.8
91.9	364.9 *	729.7	-	-	-	-	740.8
98.4	341.7 *	712.1	-	-	-	-	729.7
111.5	294.3 *	676.8	-	-	-	-	720.9
124.7	253.5 *	604.1	-	-	-	-	714.3
131.2	235.9 *	560.0	698.9	-	-	-	680.1
137.8	208.8	522.5	663.6	-	-	-	646.0
144.4	195.1	489.4	630.5	-	-	-	610.7
150.9	-	-	597.5	-	-	-	575.4
164.0	-	-	544.5	-	-	-	515.9
177.2	-	-	498.2	-	-	-	465.2
190.3	-	-	-	431.0	-	-	421.1
203.4	-	-	-	397.9	-	-	383.6
216.5	-	-	-	370.4	-	-	350.5
229.7	-	-	-	-	-	-	319.7
242.8	-	-	-	-	300.9	-	293.2
255.9	-	-	-	-	282.2	-	266.8
269.0	-	-	-	-	-	-	235.9
282.2	-	-	-	-	-	-	208.3
295.3	-	-	-	-	-	-	183.0
308.4	-	-	-	-	-	-	166.4
321.5	-	-	-	-	-	-	140.0

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

236.2 ft + 157.5 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
62.3	489.4 *	604.1 *	-	-	-	-	-
65.6	467.4 *	604.1 *	-	-	-	-	-
72.2	429.9 *	595.2 *	-	-	-	-	-
78.7	396.8 *	619.5	-	-	-	-	586.4
85.3	368.2 *	615.1	-	-	-	-	586.4
91.9	343.9 *	608.5	-	-	-	-	586.4
98.4	321.9 *	597.5	-	-	-	-	586.4
111.5	284.4 *	577.6	-	-	-	-	586.4
124.7	248.0 *	553.4	-	-	-	-	577.6
137.8	216.7 *	531.3	-	-	-	-	571.0
144.4	202.8 *	507.1	615.1	-	-	-	562.2
150.9	190.3 *	491.6	593.0	-	-	-	557.8
164.0	168.4 *	437.6	537.9	-	-	-	522.5
177.2	139.8	392.4	491.6	-	-	-	471.8
190.3	-	-	451.9	-	-	-	427.7
203.4	-	-	418.9	-	-	-	390.2
216.5	-	-	389.1	363.8	-	-	354.9
229.7	-	-	-	338.4	-	-	324.1
242.8	-	-	-	317.5	-	-	297.6
255.9	-	-	-	297.6	-	-	273.4
269.0	-	-	-	-	257.9	-	253.5
282.2	-	-	-	-	243.6	-	229.3
295.3	-	-	-	-	229.3	-	205.0
308.4	-	-	-	-	-	-	181.9
321.5	-	-	-	-	-	-	158.7
334.6	-	-	-	-	-	-	144.4
347.8	-	-	-	-	-	-	126.8
360.9	-	-	-	-	-	-	105.6

236.2 ft + 196.9 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
72.2	403.4 *	478.4 *	-	-	-	-	-
78.7	373.7 *	476.2 *	-	-	-	-	-
85.3	346.1 *	487.2	-	-	-	-	-
91.9	323.0 *	487.2	-	-	-	-	467.4
98.4	302.0 *	485.0	-	-	-	-	467.4
111.5	266.8 *	478.4	-	-	-	-	467.4
124.7	238.1 *	467.4	-	-	-	-	467.4
137.8	213.8 *	451.9	-	-	-	-	467.4
150.9	192.2 *	438.7	-	-	-	-	460.8
164.0	169.8 *	424.4	485.0	-	-	-	456.4
177.2	150.8 *	400.1	478.4	-	-	-	438.7
190.3	134.5 *	375.9	456.4	-	-	-	425.5
203.4	120.4 *	338.4	421.1	-	-	-	399.0
216.5	99.4	288.8	391.3	-	-	-	363.8
229.7	-	-	363.8	337.3	-	-	332.9
242.8	-	-	340.6	315.3	-	-	306.4
255.9	-	-	315.3	296.5	-	-	282.2
269.0	-	-	-	278.9	-	-	260.1
282.2	-	-	-	262.4	-	-	240.3
295.3	-	-	-	248.0	224.9	-	220.5
308.4	-	-	-	-	212.7	-	205.0
321.5	-	-	-	-	200.6	-	183.0
334.6	-	-	-	-	189.6	-	162.0
347.8	-	-	-	-	-	142.2	142.2
360.9	-	-	-	-	-	135.1	126.8
374.0	-	-	-	-	-	-	114.6
387.1	-	-	-	-	-	-	97.4
400.3	-	-	-	-	-	-	79.4

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

0 lb	176,400 lb	352,800 lb	529,200 lb
705,600 lb	882,000 lb	992,100 lb	

236.2 ft + 236.2 ft

ft	1,000 lb					
85.3	324.1 *	375.9 *	-	-	-	-
91.9	302.0 *	373.7 *	-	-	-	-
98.4	282.2 *	380.3	-	-	-	-
111.5	248.0 *	378.1	-	-	-	368.2
124.7	220.5 *	373.7	-	-	-	368.2
137.8	198.0 *	367.1	-	-	-	368.2
150.9	178.4 *	359.4	-	-	-	368.2
164.0	158.7 *	351.6	-	-	-	368.2
177.2	140.4 *	343.9	368.2	-	-	366.0
190.3	125.0 *	336.2	366.0	-	-	357.1
203.4	111.3 *	325.2	364.9	-	-	346.1
216.5	99.4 *	307.5	362.7	-	-	337.3
229.7	89.1 *	278.9	351.6	-	-	328.5
242.8	79.6 *	245.8	328.5	-	-	308.6
255.9	63.7	211.4	308.6	284.4	-	284.4
269.0	-	-	286.6	266.8	-	260.1
282.2	-	-	262.4	251.3	-	240.3
295.3	-	-	232.6	237.0	-	222.7
308.4	-	-	-	224.9	-	206.1
321.5	-	-	-	213.2	188.3	190.7
334.6	-	-	-	202.2	177.5	173.1
347.8	-	-	-	-	167.6	154.3
360.9	-	-	-	-	158.3	137.8
374.0	-	-	-	-	149.7	120.2
387.1	-	-	-	-	-	111.8
400.3	-	-	-	-	-	106.3
413.4	-	-	-	-	-	82.7
426.5	-	-	-	-	-	67.5
439.6	-	-	-	-	-	54.2

374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

236.2 ft + 275.6 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
91.9	277.8*	291.0*	-	-	-	-	-
98.4	265.7*	289.9*	-	-	-	-	-
111.5	233.7*	293.2	-	-	-	-	-
124.7	207.9*	289.9	-	-	-	-	284.4
137.8	185.6*	286.6	-	-	-	-	284.4
150.9	166.9*	283.3	-	-	-	-	284.4
164.0	150.6*	278.9	-	-	-	-	284.4
177.2	136.0*	273.4	-	-	-	-	284.4
190.3	120.4*	269.0	-	-	-	-	284.4
203.4	106.9*	264.6	276.7	-	-	-	284.4
216.5	95.0*	259.0	276.7	-	-	-	273.4
229.7	84.7*	254.6	275.6	-	-	-	266.8
242.8	75.4*	250.2	274.5	-	-	-	262.4
255.9	67.0*	237.0	273.4	-	-	-	257.9
269.0	59.5*	215.4	272.3	-	-	-	251.3
282.2	52.7*	190.9	261.2	245.8	-	-	242.5
295.3	39.7	164.7	240.3	232.6	-	-	224.9
308.4	-	-	221.6	219.8	-	-	208.3
321.5	-	-	205.5	208.1	-	-	192.9
334.6	-	-	183.0	197.3	-	-	178.6
347.8	-	-	-	187.4	160.1	-	165.3
360.9	-	-	-	178.1	151.0	-	149.9
374.0	-	-	-	169.5	142.6	-	133.4
387.1	-	-	-	-	134.7	-	117.9
400.3	-	-	-	-	127.4	-	104.3
413.4	-	-	-	-	-	92.8	90.8
426.5	-	-	-	-	-	88.2	82.2
439.6	-	-	-	-	-	83.8	71.2
452.8	-	-	-	-	-	-	58.2
465.9	-	-	-	-	-	-	45.2
479.0	-	-	-	-	-	-	34.6

236.2 ft + 315.0 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
98.4	215.8*	223.8*	-	-	-	-	-
111.5	211.9*	221.6*	-	-	-	-	-
118.1	203.2*	222.7	-	-	-	-	-
124.7	194.4*	222.7	-	-	-	-	-
137.8	173.3*	220.5	-	-	-	-	217.2
150.9	155.2*	218.0	-	-	-	-	217.2
164.0	139.6*	215.2	-	-	-	-	217.2
177.2	125.9*	211.6	-	-	-	-	217.2
190.3	114.0*	207.7	-	-	-	-	215.0
203.4	101.9*	203.7	-	-	-	-	213.8
216.5	89.9*	200.0	205.5	-	-	-	211.6
229.7	79.6*	196.0	205.5	-	-	-	208.3
242.8	70.3*	191.8	205.5	-	-	-	203.9
255.9	61.9*	187.6	205.3	-	-	-	200.6
269.0	54.5*	183.2	203.9	-	-	-	197.3
282.2	47.6*	179.0	202.6	-	-	-	194.0
295.3	41.4*	174.6	200.4	178.4	-	-	191.8
308.4	35.9*	167.3	198.9	178.4	-	-	187.4
321.5	30.6*	148.6	197.1	177.9	-	-	184.1
334.6	19.6	128.1	188.1	177.9	-	-	179.7
347.8	-	-	174.4	177.9	-	-	166.4
360.9	-	-	161.8	172.6	-	-	153.2
374.0	-	-	143.7	164.2	135.1	-	142.2
387.1	-	-	-	156.1	127.4	-	127.9
400.3	-	-	-	148.8	120.2	-	113.5
413.4	-	-	-	142.0	113.3	-	101.2
426.5	-	-	-	-	106.9	-	88.4
439.6	-	-	-	-	101.0	75.6	76.1
452.8	-	-	-	-	-	71.4	68.1
465.9	-	-	-	-	-	67.2	59.5
479.0	-	-	-	-	-	63.1	48.1
492.1	-	-	-	-	-	-	36.8
518.4	-	-	-	-	-	-	16.8

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

236.2 ft + 354.3 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
111.5	160.7*	168.2*	-	-	-	-	-
124.7	160.1*	165.8*	-	-	-	-	-
131.2	158.1*	166.2	-	-	-	-	-
137.8	156.1*	165.8	-	-	-	-	-
150.9	144.0*	163.8	-	-	-	-	162.0
164.0	128.8*	161.8	-	-	-	-	160.9
177.2	115.5*	159.6	-	-	-	-	159.8
190.3	104.1*	157.2	-	-	-	-	159.8
203.4	93.7*	154.8	-	-	-	-	157.6
216.5	84.4*	151.9	-	-	-	-	155.4
229.7	75.0*	149.3	147.7	-	-	-	154.3
242.8	65.7*	146.6	147.7	-	-	-	152.1
255.9	57.3*	143.7	147.7	-	-	-	148.8
269.0	49.8*	140.7	147.7	-	-	-	146.6
282.2	43.0*	136.5	147.5	-	-	-	143.3
295.3	36.8*	131.8	146.8	-	-	-	141.1
308.4	31.1*	127.2	146.2	-	-	-	138.9
321.5	26.0*	122.8	145.5	125.4	-	-	136.7
334.6	21.2*	118.2	144.0	125.4	-	-	133.4
347.8	16.8*	113.5	142.2	125.4	-	-	131.2
360.9	12.6*	108.9	139.6	125.2	-	-	127.9
374.0	-	-	136.7	125.2	-	-	125.7
387.1	-	-	134.3	125.2	-	-	121.3
400.3	-	-	127.6	125.0	108.0	-	115.7
413.4	-	-	112.7	125.0	106.5	-	109.1
426.5	-	-	-	125.0	100.1	-	96.8
439.6	-	-	-	122.6	94.1	-	84.9
452.8	-	-	-	117.1	88.6	-	73.6
465.9	-	-	-	-	83.3	-	62.8
479.0	-	-	-	-	78.3	55.6	57.3
492.1	-	-	-	-	-	51.4	48.1
518.4	-	-	-	-	-	43.9	28.0
531.5	-	-	-	-	-	-	17.9

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

	0 lb	176,400 lb	352,800 lb	529,200 lb
	705,600 lb	882,000 lb	992,100 lb	

255.9 ft + 118.1 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
55.8	553.4*	690.0*	-	-	-	-	-
59.1	526.9*	690.0*	-	-	-	-	-
65.6	480.6*	679.0*	-	-	-	-	-
72.2	440.9*	707.7	-	-	-	-	676.8
78.7	407.9*	698.9	-	-	-	-	676.8
85.3	379.2*	687.8	-	-	-	-	676.8
91.9	353.8*	672.4	-	-	-	-	676.8
98.4	330.7*	657.0	-	-	-	-	676.8
111.5	291.0*	626.1	-	-	-	-	668.0
124.7	250.2*	597.5	-	-	-	-	659.2
131.2	233.7*	571.0	687.8	-	-	-	646.0
137.8	204.6	531.3	652.6	-	-	-	639.3
144.4	191.1	496.0	621.7	-	-	-	604.1
150.9	-	-	590.8	-	-	-	568.8
164.0	-	-	535.7	-	-	-	509.3
177.2	-	-	489.4	-	-	-	458.6
190.3	-	-	451.9	420.0	-	-	414.5
203.4	-	-	-	389.1	-	-	377.0
216.5	-	-	-	361.6	-	-	343.9
229.7	-	-	-	337.3	-	-	313.1
242.8	-	-	-	-	-	-	286.6
255.9	-	-	-	-	272.3	-	262.4
269.0	-	-	-	-	255.7	-	240.3
282.2	-	-	-	-	-	-	213.8
295.3	-	-	-	-	-	-	187.4
308.4	-	-	-	-	-	-	163.1
321.5	-	-	-	-	-	-	146.6
334.6	-	-	-	-	-	-	126.8

255.9 ft + 157.5 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
62.3	471.8*	555.6*	-	-	-	-	-
65.6	449.7*	555.6*	-	-	-	-	-
72.2	414.5*	549.0*	-	-	-	-	-
78.7	383.6*	566.6	-	-	-	-	-
85.3	356.0*	564.4	-	-	-	-	540.1
91.9	332.9*	557.8	-	-	-	-	540.1
98.4	310.9*	551.2	-	-	-	-	540.1
111.5	275.6*	533.5	-	-	-	-	540.1
124.7	245.8*	513.7	-	-	-	-	540.1
137.8	214.1*	493.8	-	-	-	-	533.5
150.9	187.8*	474.0	562.2	-	-	-	524.7
164.0	166.2*	443.1	531.3	-	-	-	502.7
177.2	136.2	396.8	485.0	-	-	-	465.2
190.3	-	-	445.3	-	-	-	421.1
203.4	-	-	413.4	-	-	-	383.6
216.5	-	-	383.6	353.8	-	-	348.3
229.7	-	-	-	329.6	-	-	319.7
242.8	-	-	-	308.6	-	-	291.0
255.9	-	-	-	289.9	-	-	266.8
269.0	-	-	-	272.3	-	-	244.7
282.2	-	-	-	-	232.6	-	224.9
295.3	-	-	-	-	220.5	-	208.3
308.4	-	-	-	-	209.2	-	185.2
321.5	-	-	-	-	-	-	163.1
334.6	-	-	-	-	-	-	142.2
347.8	-	-	-	-	-	-	125.7
360.9	-	-	-	-	-	-	112.4
374.0	-	-	-	-	-	-	94.1

374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

255.9 ft + 196.9 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
72.2	389.1*	443.1*	-	-	-	-	-
78.7	360.5*	440.9*	-	-	-	-	-
85.3	335.1*	437.6*	-	-	-	-	-
91.9	312.0*	451.9	-	-	-	-	-
98.4	292.1*	449.7	-	-	-	-	432.1
111.5	257.9*	440.9	-	-	-	-	432.1
124.7	230.4*	432.1	-	-	-	-	432.1
137.8	207.2*	420.0	-	-	-	-	432.1
150.9	187.4*	406.8	-	-	-	-	429.9
164.0	167.8*	394.6	447.5	-	-	-	427.7
177.2	148.8*	382.5	443.1	-	-	-	414.5
190.3	132.7*	364.9	440.9	-	-	-	399.0
203.4	118.8*	345.0	415.6	-	-	-	385.8
216.5	96.8	296.5	384.7	-	-	-	357.1
229.7	-	-	359.4	-	-	-	328.5
242.8	-	-	335.1	305.3	-	-	299.8
255.9	-	-	314.2	286.6	-	-	275.6
269.0	-	-	-	270.1	-	-	253.5
282.2	-	-	-	255.7	-	-	233.7
295.3	-	-	-	241.4	-	-	216.1
308.4	-	-	-	228.2	203.9	-	198.4
321.5	-	-	-	-	193.6	-	183.0
334.6	-	-	-	-	182.8	-	164.2
347.8	-	-	-	-	172.8	-	145.5
360.9	-	-	-	-	-	126.8	127.9
374.0	-	-	-	-	-	119.7	110.2
387.1	-	-	-	-	-	-	100.1
400.3	-	-	-	-	-	-	86.0
413.4	-	-	-	-	-	-	69.4

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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255.9 ft + 236.2 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
85.3	313.1*	351.6*	-	-	-	-	-
91.9	291.0*	349.4*	-	-	-	-	-
98.4	272.3*	356.0	-	-	-	-	-
111.5	240.3*	354.9	-	-	-	-	343.9
124.7	213.6*	350.5	-	-	-	-	343.9
137.8	191.4*	345.0	-	-	-	-	343.9
150.9	172.4*	338.4	-	-	-	-	343.9
164.0	156.1*	330.7	-	-	-	-	343.9
177.2	138.7*	323.0	-	-	-	-	343.9
190.3	123.2*	316.4	345.0	-	-	-	339.5
203.4	109.8*	307.5	343.9	-	-	-	326.3
216.5	97.9*	299.8	340.6	-	-	-	317.5
229.7	87.5*	283.3	338.4	-	-	-	308.6
242.8	78.3*	251.3	324.1	-	-	-	302.0
255.9	61.5	217.4	303.1	-	-	-	277.8
269.0	-	-	285.5	260.1	-	-	255.7
282.2	-	-	269.0	244.7	-	-	235.9
295.3	-	-	246.9	230.4	-	-	217.2
308.4	-	-	-	218.5	-	-	200.6
321.5	-	-	-	207.0	-	-	184.1
334.6	-	-	-	196.2	170.4	-	169.8
347.8	-	-	-	-	160.7	-	155.4
360.9	-	-	-	-	151.9	-	138.9
374.0	-	-	-	-	143.5	-	122.4
387.1	-	-	-	-	-	-	107.1
400.3	-	-	-	-	-	95.9	92.2
413.4	-	-	-	-	-	91.1	82.5
426.5	-	-	-	-	-	-	71.4
439.6	-	-	-	-	-	-	57.5
452.8	-	-	-	-	-	-	43.4

374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

255.9 ft + 275.6 ft							
	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
91.9	263.5*	274.5*	-	-	-	-	-
98.4	256.8*	273.4*	-	-	-	-	-
111.5	226.0*	275.6	-	-	-	-	-
124.7	200.6*	273.4	-	-	-	-	266.8
137.8	179.2*	271.2	-	-	-	-	266.8
150.9	160.9*	267.9	-	-	-	-	266.8
164.0	145.3*	263.5	-	-	-	-	266.8
177.2	131.6*	259.0	-	-	-	-	266.8
190.3	118.8*	254.6	-	-	-	-	266.8
203.4	105.4*	250.2	263.5	-	-	-	266.8
216.5	93.5*	245.8	262.4	-	-	-	260.1
229.7	83.1*	241.4	262.4	-	-	-	253.5
242.8	73.9*	235.9	260.1	-	-	-	246.9
255.9	65.7*	231.5	260.1	-	-	-	242.5
269.0	58.2*	219.1	257.9	-	-	-	238.1
282.2	51.6*	194.9	257.9	232.6	-	-	233.7
295.3	37.9	169.1	249.1	224.9	-	-	220.5
308.4	-	-	229.3	213.0	-	-	202.8
321.5	-	-	212.5	201.5	-	-	187.4
334.6	-	-	193.6	191.1	-	-	173.1
347.8	-	-	-	181.4	-	-	158.7
360.9	-	-	-	172.4	144.4	-	146.6
374.0	-	-	-	164.0	136.2	-	133.4
387.1	-	-	-	-	128.5	-	119.0
400.3	-	-	-	-	121.5	-	104.9
413.4	-	-	-	-	114.9	-	91.5
426.5	-	-	-	-	-	78.3	78.3
439.6	-	-	-	-	-	74.1	69.0
452.8	-	-	-	-	-	70.1	60.4
465.9	-	-	-	-	-	-	48.3
479.0	-	-	-	-	-	-	36.2
492.1	-	-	-	-	-	-	23.8

255.9 ft + 315.0 ft							
	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
98.4	204.1*	211.4*	-	-	-	-	-
111.5	201.7*	209.9*	-	-	-	-	-
118.1	197.9*	211.4	-	-	-	-	-
124.7	187.4*	211.4	-	-	-	-	-
137.8	166.9*	209.2	-	-	-	-	205.0
150.9	149.3*	206.8	-	-	-	-	205.0
164.0	134.3*	203.9	-	-	-	-	205.0
177.2	121.0*	200.8	-	-	-	-	205.0
190.3	109.3*	197.1	-	-	-	-	203.9
203.4	99.0*	193.6	-	-	-	-	202.8
216.5	88.6*	189.8	195.6	-	-	-	201.7
229.7	78.3*	186.1	195.6	-	-	-	199.5
242.8	69.0*	182.5	195.6	-	-	-	195.1
255.9	60.6*	179.0	195.6	-	-	-	191.8
269.0	53.1*	175.5	194.4	-	-	-	188.5
282.2	46.5*	172.0	193.3	-	-	-	186.3
295.3	40.3*	168.4	191.4	-	-	-	183.0
308.4	34.8*	164.9	190.5	169.8	-	-	179.7
321.5	29.5*	151.7	189.2	169.1	-	-	177.5
334.6	18.1	131.6	185.8	169.1	-	-	174.2
347.8	-	-	180.3	169.1	-	-	160.9
360.9	-	-	167.1	165.6	-	-	148.8
374.0	-	-	152.1	157.2	-	-	136.7
387.1	-	-	-	149.5	121.0	-	125.7
400.3	-	-	-	142.2	114.0	-	113.5
413.4	-	-	-	135.6	107.4	-	100.8
426.5	-	-	-	-	101.2	-	88.2
439.6	-	-	-	-	95.2	-	76.3
452.8	-	-	-	-	89.9	63.9	64.6
465.9	-	-	-	-	-	60.6	58.0
479.0	-	-	-	-	-	56.4	48.9
492.1	-	-	-	-	-	52.5	38.4
518.4	-	-	-	-	-	-	17.0

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

255.9 ft + 354.3 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
111.5	152.3*	159.0*	-	-	-	-	-
124.7	151.7*	157.4*	-	-	-	-	-
131.2	149.8*	157.6	-	-	-	-	-
137.8	147.9*	157.4	-	-	-	-	-
150.9	138.2*	155.9	-	-	-	-	153.2
164.0	123.5*	153.9	-	-	-	-	153.2
177.2	110.9*	151.9	-	-	-	-	152.1
190.3	99.4*	149.7	-	-	-	-	152.1
203.4	89.5*	147.3	-	-	-	-	151.0
216.5	80.5*	144.6	-	-	-	-	148.8
229.7	72.5*	142.2	-	-	-	-	147.7
242.8	64.4*	139.6	140.7	-	-	-	145.5
255.9	56.0*	136.9	140.7	-	-	-	143.3
269.0	48.5*	134.0	140.7	-	-	-	140.0
282.2	41.9*	130.7	140.7	-	-	-	137.8
295.3	35.7*	127.0	140.4	-	-	-	135.6
308.4	30.0*	123.2	140.0	-	-	-	133.4
321.5	24.9*	119.5	139.6	-	-	-	131.2
334.6	20.1*	115.7	138.5	119.5	-	-	129.0
347.8	15.7*	112.0	137.6	119.5	-	-	126.8
360.9	11.7*	108.2	136.0	119.3	-	-	123.5
374.0	-	101.9	133.8	119.3	-	-	121.3
387.1	-	-	132.1	119.3	-	-	119.0
400.3	-	-	130.5	119.0	-	-	113.5
413.4	-	-	119.5	119.0	100.3	-	107.1
426.5	-	-	-	119.0	94.1	-	95.5
439.6	-	-	-	116.6	88.4	-	84.0
452.8	-	-	-	111.1	82.9	-	73.0
465.9	-	-	-	-	77.8	-	62.2
479.0	-	-	-	-	73.0	-	53.1
492.1	-	-	-	-	68.3	44.8	47.6
518.4	-	-	-	-	-	37.7	28.4
531.5	-	-	-	-	-	34.2	19.2

275.6 ft + 118.1 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
55.8	531.3*	628.3*	-	-	-	-	-
59.1	504.9*	628.3*	-	-	-	-	-
65.6	463.0*	619.5*	-	-	-	-	-
72.2	425.5*	643.8	-	-	-	-	615.1
78.7	393.5*	634.9	-	-	-	-	615.1
85.3	366.0*	626.1	-	-	-	-	615.1
91.9	341.7*	612.9	-	-	-	-	615.1
98.4	319.7*	601.9	-	-	-	-	615.1
111.5	283.3*	575.4	-	-	-	-	610.7
124.7	248.0*	553.4	-	-	-	-	599.7
137.8	215.4*	529.1	632.7	-	-	-	590.8
144.4	187.0	504.9	610.7	-	-	-	576.5
150.9	-	-	582.0	-	-	-	562.2
164.0	-	-	526.9	-	-	-	502.7
177.2	-	-	482.8	-	-	-	451.9
190.3	-	-	443.1	-	-	-	407.9
203.4	-	-	-	377.0	-	-	370.4
216.5	-	-	-	351.6	-	-	335.1
229.7	-	-	-	327.4	-	-	306.4
242.8	-	-	-	-	-	-	280.0
255.9	-	-	-	-	259.0	-	255.7
269.0	-	-	-	-	243.6	-	233.7
282.2	-	-	-	-	231.5	-	213.8
295.3	-	-	-	-	-	-	189.6
308.4	-	-	-	-	-	-	166.4
321.5	-	-	-	-	-	-	143.3
334.6	-	-	-	-	-	-	126.8
347.8	-	-	-	-	-	-	111.3
360.9	-	-	-	-	-	-	90.6

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

374,800 – 551,200 lb +  0 – 176,400 lb  49.2-78.7 ft  31.50 ft  32.2 ft/s  360°  75%									
 275.6 ft +  157.5 ft									
	SWSL						SFSL		
	 0 lb		176,400 lb – 992,100 lb						
	 87°/85°	87°/85°	75°	65°	55°	45°			
ft	1,000 lb								
65.6	434.3*	504.9*	-	-	-	-	-	-	-
72.2	400.1*	500.4*	-	-	-	-	-	-	-
78.7	370.4*	513.7	-	-	-	-	-	-	-
85.3	343.9*	513.7	-	-	-	-	493.8	-	-
91.9	320.8*	509.3	-	-	-	-	493.8	-	-
98.4	300.9*	502.7	-	-	-	-	493.8	-	-
111.5	265.7*	487.2	-	-	-	-	493.8	-	-
124.7	238.1*	471.8	-	-	-	-	493.8	-	-
137.8	211.2*	454.2	-	-	-	-	487.2	-	-
150.9	185.2*	439.8	-	-	-	-	480.6	-	-
157.5	173.9*	432.1	507.1	-	-	-	470.7	-	-
164.0	163.6*	424.4	507.1	-	-	-	465.2	-	-
177.2	132.5	396.8	476.2	-	-	-	449.7	-	-
190.3	-	-	438.7	-	-	-	414.5	-	-
203.4	-	-	405.7	-	-	-	374.8	-	-
216.5	-	-	377.0	-	-	-	341.7	-	-
229.7	-	-	351.6	318.6	-	-	310.9	-	-
242.8	-	-	-	298.7	-	-	284.4	-	-
255.9	-	-	-	281.1	-	-	260.1	-	-
269.0	-	-	-	264.6	-	-	238.1	-	-
282.2	-	-	-	-	-	-	219.4	-	-
295.3	-	-	-	-	208.6	-	200.6	-	-
308.4	-	-	-	-	197.8	-	184.1	-	-
321.5	-	-	-	-	-	-	163.1	-	-
334.6	-	-	-	-	-	-	143.3	-	-
347.8	-	-	-	-	-	-	124.6	-	-
360.9	-	-	-	-	-	-	107.1	-	-
374.0	-	-	-	-	-	-	96.8	-	-
387.1	-	-	-	-	-	-	80.5	-	-
400.3	-	-	-	-	-	-	63.1	-	-

 275.6 ft +  196.9 ft									
	SWSL						SFSL		
	 0 lb		176,400 lb – 992,100 lb						
	 87°/85°	87°/85°	75°	65°	55°	45°			
ft	1,000 lb								
78.7	347.2*	405.7*	-	-	-	-	-	-	-
85.3	323.0*	402.3*	-	-	-	-	-	-	-
91.9	300.9*	413.4	-	-	-	-	-	-	-
98.4	282.2*	412.3	-	-	-	-	396.8	-	-
111.5	249.1*	405.7	-	-	-	-	396.8	-	-
124.7	222.7*	395.7	-	-	-	-	396.8	-	-
137.8	200.2*	385.8	-	-	-	-	396.8	-	-
150.9	181.0*	374.8	-	-	-	-	396.8	-	-
164.0	164.7*	363.8	-	-	-	-	390.2	-	-
177.2	146.8*	352.7	409.0	-	-	-	383.6	-	-
190.3	130.7*	342.8	403.4	-	-	-	372.6	-	-
203.4	116.8*	331.8	400.1	-	-	-	359.4	-	-
216.5	93.9	304.2	379.2	-	-	-	350.5	-	-
229.7	-	-	352.7	-	-	-	321.9	-	-
242.8	-	-	329.6	-	-	-	293.2	-	-
255.9	-	-	308.6	276.7	-	-	269.0	-	-
269.0	-	-	291.0	260.1	-	-	246.9	-	-
282.2	-	-	-	245.8	-	-	227.1	-	-
295.3	-	-	-	232.6	-	-	209.4	-	-
308.4	-	-	-	220.5	-	-	191.8	-	-
321.5	-	-	-	-	182.1	-	176.4	-	-
334.6	-	-	-	-	172.8	-	162.0	-	-
347.8	-	-	-	-	164.0	-	145.5	-	-
360.9	-	-	-	-	-	-	127.9	-	-
374.0	-	-	-	-	-	110.2	111.3	-	-
387.1	-	-	-	-	-	103.8	95.2	-	-
400.3	-	-	-	-	-	-	83.8	-	-
413.4	-	-	-	-	-	-	72.8	-	-
426.5	-	-	-	-	-	-	57.5	-	-
439.6	-	-	-	-	-	-	42.1	-	-

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

275.6 ft + 236.2 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
85.3	300.9*	325.2*	-	-	-	-	-
91.9	280.0*	324.1*	-	-	-	-	-
98.4	262.4*	320.8*	-	-	-	-	-
105.0	246.9*	330.7	-	-	-	-	-
111.5	231.5*	328.5	-	-	-	-	317.5
124.7	205.9*	324.1	-	-	-	-	317.5
137.8	184.3*	318.6	-	-	-	-	317.5
150.9	166.2*	312.0	-	-	-	-	317.5
164.0	150.4*	305.3	-	-	-	-	317.5
177.2	136.7*	297.6	-	-	-	-	317.5
190.3	121.3*	291.0	324.1	-	-	-	313.1
203.4	108.0*	283.3	320.8	-	-	-	306.4
216.5	96.3*	276.7	320.8	-	-	-	295.4
229.7	86.0*	269.0	315.3	-	-	-	288.8
242.8	76.7*	255.7	313.1	-	-	-	282.2
255.9	59.1	222.7	297.6	-	-	-	271.2
269.0	-	-	280.0	250.2	-	-	249.1
282.2	-	-	263.5	235.9	-	-	229.3
295.3	-	-	249.1	222.7	-	-	210.5
308.4	-	-	226.0	211.0	-	-	194.0
321.5	-	-	-	200.0	-	-	178.6
334.6	-	-	-	189.6	-	-	163.1
347.8	-	-	-	179.9	151.9	-	149.9
360.9	-	-	-	-	143.3	-	136.7
374.0	-	-	-	-	135.1	-	121.3
387.1	-	-	-	-	127.9	-	106.5
400.3	-	-	-	-	-	-	91.9
413.4	-	-	-	-	-	80.5	78.0
426.5	-	-	-	-	-	75.6	68.8
439.6	-	-	-	-	-	-	58.9
452.8	-	-	-	-	-	-	45.9
465.9	-	-	-	-	-	-	32.8

275.6 ft + 275.6 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
91.9	248.0*	257.9*	-	-	-	-	-
98.4	242.5*	256.8*	-	-	-	-	-
111.5	217.6*	259.0	-	-	-	-	-
124.7	193.1*	257.9	-	-	-	-	251.3
137.8	172.4*	254.6	-	-	-	-	251.3
150.9	154.8*	251.3	-	-	-	-	251.3
164.0	139.6*	248.0	-	-	-	-	251.3
177.2	126.3*	243.6	-	-	-	-	251.3
190.3	114.6*	239.2	-	-	-	-	251.3
203.4	103.6*	234.8	248.0	-	-	-	251.3
216.5	91.9*	230.4	248.0	-	-	-	246.9
229.7	81.6*	226.0	246.9	-	-	-	240.3
242.8	72.3*	220.5	244.7	-	-	-	233.7
255.9	64.2*	216.1	244.7	-	-	-	227.1
269.0	56.9*	211.2	244.7	-	-	-	222.7
282.2	50.0*	198.6	242.5	-	-	-	219.4
295.3	35.7	173.3	241.4	215.6	-	-	213.8
308.4	-	-	231.5	203.7	-	-	197.3
321.5	-	-	219.4	192.7	-	-	180.8
334.6	-	-	203.0	182.5	-	-	166.4
347.8	-	-	178.1	173.3	-	-	153.2
360.9	-	-	-	164.7	-	-	140.0
374.0	-	-	-	156.5	127.6	-	129.0
387.1	-	-	-	149.3	120.2	-	115.7
400.3	-	-	-	-	113.3	-	103.0
413.4	-	-	-	-	106.9	-	89.9
426.5	-	-	-	-	101.0	-	77.2
439.6	-	-	-	-	-	65.5	65.0
452.8	-	-	-	-	-	62.2	58.0
465.9	-	-	-	-	-	59.1	48.3
479.0	-	-	-	-	-	-	36.8
492.1	-	-	-	-	-	-	25.6
505.3	-	-	-	-	-	-	14.1

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

275.6 ft + 315.0 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
	1,000 lb						
105.0	188.5*	196.0*	-	-	-	-	-
111.5	188.5*	194.4*	-	-	-	-	-
124.7	179.9*	195.3	-	-	-	-	-
137.8	160.1*	193.6	-	-	-	-	189.6
150.9	143.3*	191.4	-	-	-	-	189.6
164.0	128.5*	188.7	-	-	-	-	189.6
177.2	116.0*	185.8	-	-	-	-	189.6
190.3	104.5*	182.3	-	-	-	-	188.5
203.4	94.6*	178.6	-	-	-	-	187.4
216.5	85.5*	175.0	-	-	-	-	186.3
229.7	76.5*	171.5	180.1	-	-	-	185.2
242.8	67.5*	167.8	180.1	-	-	-	180.8
255.9	59.3*	164.2	180.1	-	-	-	175.3
269.0	51.8*	160.7	179.9	-	-	-	173.1
282.2	45.2*	157.0	178.1	-	-	-	169.8
295.3	39.0*	153.4	177.0	-	-	-	167.6
308.4	33.5*	149.7	174.8	-	-	-	164.2
321.5	28.4*	146.2	173.5	155.9	-	-	162.0
334.6	16.1	135.1	171.5	155.0	-	-	158.7
347.8	-	-	169.3	155.0	-	-	155.4
360.9	-	-	166.0	155.0	-	-	142.2
374.0	-	-	160.1	149.5	-	-	130.1
387.1	-	-	-	142.0	-	-	119.0
400.3	-	-	-	134.9	105.6	-	109.6
413.4	-	-	-	128.5	99.4	-	97.9
426.5	-	-	-	122.4	93.5	-	85.8
439.6	-	-	-	-	87.7	-	74.3
452.8	-	-	-	-	82.7	-	63.1
465.9	-	-	-	-	77.6	52.0	53.4
479.0	-	-	-	-	-	48.1	47.4
492.1	-	-	-	-	-	44.3	37.3
505.3	-	-	-	-	-	40.8	27.3
518.4	-	-	-	-	-	-	17.4

275.6 ft + 354.3 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
	1,000 lb						
111.5	143.5*	149.9*	-	-	-	-	-
124.7	143.1*	148.4*	-	-	-	-	-
131.2	141.8*	148.8	-	-	-	-	-
137.8	140.4*	148.8	-	-	-	-	-
150.9	132.1*	147.3	-	-	-	-	144.4
164.0	117.9*	145.5	-	-	-	-	144.4
177.2	105.6*	143.7	-	-	-	-	144.4
190.3	94.8*	141.5	-	-	-	-	143.3
203.4	85.1*	139.1	-	-	-	-	143.3
216.5	76.5*	136.7	-	-	-	-	141.1
229.7	68.6*	134.3	-	-	-	-	140.0
242.8	61.5*	131.8	133.2	-	-	-	138.9
255.9	54.7*	129.4	133.2	-	-	-	136.7
269.0	47.2*	126.8	133.2	-	-	-	133.4
282.2	40.6*	124.1	133.2	-	-	-	131.2
295.3	34.4*	121.0	133.2	-	-	-	129.0
308.4	28.9*	118.2	132.9	-	-	-	126.8
321.5	23.8*	115.1	132.7	-	-	-	124.6
334.6	19.0*	112.2	131.4	112.7	-	-	122.4
347.8	14.8*	109.1	131.0	112.2	-	-	120.2
360.9	-	106.3	130.5	112.2	-	-	117.9
374.0	-	103.2	129.0	112.2	-	-	115.7
387.1	-	-	128.3	112.2	-	-	113.5
400.3	-	-	127.4	111.8	-	-	110.2
413.4	-	-	125.9	111.8	-	-	101.4
426.5	-	-	-	111.8	86.2	-	92.2
439.6	-	-	-	110.0	80.7	-	81.1
452.8	-	-	-	104.7	75.4	-	70.3
465.9	-	-	-	99.6	70.5	-	59.7
479.0	-	-	-	-	65.9	-	49.8
492.1	-	-	-	-	61.5	-	42.1
505.3	-	-	-	-	57.3	33.1	34.6
518.4	-	-	-	-	-	29.8	26.7
531.5	-	-	-	-	-	26.5	17.9
544.6	-	-	-	-	-	23.6	-

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

295.3 ft + 118.1 ft							
	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
55.8	509.3*	573.2*	-	-	-	-	-
59.1	485.0*	573.2*	-	-	-	-	-
65.6	445.3*	564.4*	-	-	-	-	-
72.2	410.1*	582.0	-	-	-	-	560.0
78.7	379.2*	577.6	-	-	-	-	560.0
85.3	352.7*	568.8	-	-	-	-	560.0
91.9	329.6*	560.0	-	-	-	-	560.0
98.4	309.7*	549.0	-	-	-	-	560.0
111.5	274.5*	526.9	-	-	-	-	560.0
124.7	244.7*	507.1	-	-	-	-	553.4
137.8	212.5*	491.6	-	-	-	-	546.7
144.4	182.5	482.8	568.8	-	-	-	532.4
150.9	-	-	566.6	-	-	-	524.7
164.0	-	-	520.3	-	-	-	496.0
177.2	-	-	476.2	-	-	-	445.3
190.3	-	-	437.6	-	-	-	401.2
203.4	-	-	-	-	-	-	361.6
216.5	-	-	-	339.5	-	-	328.5
229.7	-	-	-	317.5	-	-	297.6
242.8	-	-	-	297.6	-	-	271.2
255.9	-	-	-	-	-	-	246.9
269.0	-	-	-	-	230.4	-	227.1
282.2	-	-	-	-	218.5	-	207.2
295.3	-	-	-	-	-	-	189.6
308.4	-	-	-	-	-	-	167.6
321.5	-	-	-	-	-	-	145.5
334.6	-	-	-	-	-	-	124.6
347.8	-	-	-	-	-	-	107.6
360.9	-	-	-	-	-	-	96.1
374.0	-	-	-	-	-	-	77.6

295.3 ft + 157.5 ft							
	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
65.6	416.7*	460.8*	-	-	-	-	-
72.2	384.7*	458.6*	-	-	-	-	-
78.7	356.0*	454.2*	-	-	-	-	-
85.3	331.8*	469.6	-	-	-	-	449.7
91.9	309.7*	465.2	-	-	-	-	449.7
98.4	289.9*	458.6	-	-	-	-	449.7
111.5	256.8*	447.5	-	-	-	-	449.7
124.7	229.3*	432.1	-	-	-	-	449.7
137.8	207.7*	416.7	-	-	-	-	449.7
150.9	182.5*	403.4	-	-	-	-	445.3
157.5	171.3*	396.8	463.0	-	-	-	436.5
164.0	161.2*	391.3	463.0	-	-	-	434.3
177.2	142.9*	378.1	451.9	-	-	-	416.7
190.3	-	-	432.1	-	-	-	403.4
203.4	-	-	399.0	-	-	-	368.2
216.5	-	-	370.4	-	-	-	335.1
229.7	-	-	345.0	306.4	-	-	304.2
242.8	-	-	-	287.7	-	-	277.8
255.9	-	-	-	270.1	-	-	253.5
269.0	-	-	-	254.6	-	-	231.5
282.2	-	-	-	240.3	-	-	211.6
295.3	-	-	-	-	196.0	-	194.0
308.4	-	-	-	-	185.8	-	177.5
321.5	-	-	-	-	176.4	-	162.0
334.6	-	-	-	-	-	-	143.3
347.8	-	-	-	-	-	-	124.6
360.9	-	-	-	-	-	-	107.6
374.0	-	-	-	-	-	-	90.8
387.1	-	-	-	-	-	-	80.2
400.3	-	-	-	-	-	-	67.2
413.4	-	-	-	-	-	-	51.4

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

295.3 ft + 196.9 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
78.7	334.0*	372.6*	-	-	-	-	-
85.3	310.9*	369.3*	-	-	-	-	-
91.9	289.9*	378.1	-	-	-	-	-
98.4	272.3*	378.1	-	-	-	-	363.8
111.5	240.3*	371.5	-	-	-	-	363.8
124.7	215.0*	362.7	-	-	-	-	363.8
137.8	193.3*	352.7	-	-	-	-	363.8
150.9	174.8*	342.8	-	-	-	-	363.8
164.0	159.2*	331.8	-	-	-	-	363.8
177.2	144.6*	323.0	373.7	-	-	-	359.4
190.3	128.8*	314.2	370.4	-	-	-	346.1
203.4	115.1*	305.3	362.7	-	-	-	335.1
216.5	91.1	296.5	357.1	-	-	-	324.1
229.7	-	-	347.2	-	-	-	315.3
242.8	-	-	324.1	-	-	-	286.6
255.9	-	-	304.2	265.7	-	-	262.4
269.0	-	-	285.5	250.2	-	-	240.3
282.2	-	-	-	235.9	-	-	220.5
295.3	-	-	-	222.7	-	-	202.8
308.4	-	-	-	211.9	-	-	186.3
321.5	-	-	-	201.3	-	-	169.8
334.6	-	-	-	-	162.0	-	155.4
347.8	-	-	-	-	153.9	-	142.2
360.9	-	-	-	-	146.2	-	126.8
374.0	-	-	-	-	-	-	110.2
387.1	-	-	-	-	-	94.1	95.5
400.3	-	-	-	-	-	88.6	80.7
413.4	-	-	-	-	-	-	70.3
426.5	-	-	-	-	-	-	59.7
439.6	-	-	-	-	-	-	45.9
452.8	-	-	-	-	-	-	31.7

295.3 ft + 236.2 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
85.3	282.2*	298.7*	-	-	-	-	-
91.9	270.1*	297.6*	-	-	-	-	-
98.4	252.4*	295.4*	-	-	-	-	-
105.0	237.5*	303.1	-	-	-	-	-
111.5	222.7*	302.0	-	-	-	-	291.0
124.7	198.4*	298.7	-	-	-	-	291.0
137.8	177.7*	293.2	-	-	-	-	291.0
150.9	159.8*	286.6	-	-	-	-	291.0
164.0	144.6*	280.0	-	-	-	-	291.0
177.2	131.4*	272.3	-	-	-	-	291.0
190.3	119.5*	265.7	296.5	-	-	-	291.0
203.4	106.3*	259.0	296.5	-	-	-	284.4
216.5	94.6*	252.4	293.2	-	-	-	275.6
229.7	84.4*	246.9	292.1	-	-	-	266.8
242.8	75.2*	240.3	285.5	-	-	-	262.4
255.9	56.7	227.1	282.2	-	-	-	255.7
269.0	-	-	274.5	-	-	-	242.5
282.2	-	-	259.0	226.0	-	-	222.7
295.3	-	-	244.7	213.8	-	-	205.0
308.4	-	-	231.5	202.2	-	-	187.4
321.5	-	-	-	191.4	-	-	172.0
334.6	-	-	-	181.4	-	-	157.6
347.8	-	-	-	172.4	-	-	144.4
360.9	-	-	-	164.2	134.0	-	131.2
374.0	-	-	-	-	126.3	-	119.0
387.1	-	-	-	-	119.3	-	104.5
400.3	-	-	-	-	112.7	-	90.8
413.4	-	-	-	-	-	-	77.4
426.5	-	-	-	-	-	67.2	64.4
439.6	-	-	-	-	-	63.9	57.5
452.8	-	-	-	-	-	-	46.3
465.9	-	-	-	-	-	-	34.4
479.0	-	-	-	-	-	-	22.5

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

295.3 ft + 275.6 ft		SWSL						SFSL
		0 lb	176,400 lb – 992,100 lb					
		87°/85°	87°/85°	75°	65°	55°	45°	
ft		1,000 lb						
91.9	232.6*	239.2*	-	-	-	-	-	
98.4	227.1*	239.2*	-	-	-	-	-	
111.5	209.0*	241.4	-	-	-	-	-	
124.7	185.4*	240.3	-	-	-	-	233.7	
137.8	165.6*	238.1	-	-	-	-	233.7	
150.9	148.8*	234.8	-	-	-	-	233.7	
164.0	134.0*	231.5	-	-	-	-	233.7	
177.2	121.3*	226.0	-	-	-	-	233.7	
190.3	110.0*	221.6	-	-	-	-	233.7	
203.4	99.9*	217.6	-	-	-	-	233.7	
216.5	90.2*	212.7	232.6	-	-	-	233.7	
229.7	80.0*	208.1	231.5	-	-	-	224.9	
242.8	71.0*	203.5	231.5	-	-	-	219.4	
255.9	62.8*	198.9	229.3	-	-	-	212.7	
269.0	55.6*	194.2	228.2	-	-	-	208.3	
282.2	48.7*	189.6	224.9	-	-	-	205.0	
295.3	33.5	177.3	222.7	-	-	-	200.6	
308.4	-	-	220.5	194.7	-	-	191.8	
321.5	-	-	215.0	184.1	-	-	175.3	
334.6	-	-	203.9	174.2	-	-	160.9	
347.8	-	-	188.9	165.1	-	-	147.7	
360.9	-	-	-	156.7	-	-	134.5	
374.0	-	-	-	149.0	-	-	122.4	
387.1	-	-	-	142.0	111.6	-	111.3	
400.3	-	-	-	135.1	104.9	-	100.3	
413.4	-	-	-	-	98.8	-	87.5	
426.5	-	-	-	-	93.0	-	75.4	
439.6	-	-	-	-	87.7	-	63.5	
452.8	-	-	-	-	-	53.8	53.4	
465.9	-	-	-	-	-	49.8	46.1	
479.0	-	-	-	-	-	46.1	36.2	
492.1	-	-	-	-	-	-	25.8	
505.3	-	-	-	-	-	-	15.2	

295.3 ft + 315.0 ft		SWSL						SFSL
		0 lb	176,400 lb – 992,100 lb					
		87°/85°	87°/85°	75°	65°	55°	45°	
ft		1,000 lb						
105.0	177.0*	183.4*	-	-	-	-	-	
111.5	177.0*	182.8*	-	-	-	-	-	
124.7	169.3*	183.2	-	-	-	-	-	
137.8	153.4*	182.1	-	-	-	-	177.5	
150.9	137.1*	180.1	-	-	-	-	177.5	
164.0	123.0*	177.7	-	-	-	-	177.5	
177.2	110.7*	174.8	-	-	-	-	177.5	
190.3	99.9*	171.5	-	-	-	-	177.5	
203.4	90.2*	168.2	-	-	-	-	176.4	
216.5	81.6*	164.7	-	-	-	-	175.3	
229.7	73.6*	161.4	170.0	-	-	-	175.3	
242.8	65.9*	158.1	170.0	-	-	-	172.0	
255.9	57.8*	154.5	170.0	-	-	-	167.6	
269.0	50.5*	151.2	170.0	-	-	-	162.0	
282.2	43.9*	147.9	168.4	-	-	-	159.8	
295.3	37.9*	144.6	167.6	-	-	-	156.5	
308.4	32.4*	141.3	166.7	-	-	-	154.3	
321.5	27.3*	138.0	164.0	146.8	-	-	151.0	
334.6	14.3	134.7	162.7	145.9	-	-	147.7	
347.8	-	-	161.2	145.9	-	-	145.5	
360.9	-	-	157.6	145.9	-	-	136.7	
374.0	-	-	155.9	141.8	-	-	124.6	
387.1	-	-	148.6	134.7	-	-	113.5	
400.3	-	-	-	127.9	-	-	104.1	
413.4	-	-	-	121.7	90.8	-	94.4	
426.5	-	-	-	115.7	85.3	-	82.9	
439.6	-	-	-	110.2	80.0	-	71.4	
452.8	-	-	-	-	75.0	-	60.6	
465.9	-	-	-	-	70.1	-	50.0	
479.0	-	-	-	-	65.7	-	41.0	
492.1	-	-	-	-	-	34.4	33.3	
518.4	-	-	-	-	-	28.0	16.5	

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

295.3 ft + 354.3 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft							1,000 lb
111.5	134.5*	140.4*	-	-	-	-	-
124.7	134.3*	139.3*	-	-	-	-	-
131.2	132.8*	139.6	-	-	-	-	-
137.8	131.4*	139.6	-	-	-	-	-
150.9	125.9*	138.5	-	-	-	-	135.6
164.0	112.4*	136.9	-	-	-	-	135.6
177.2	100.5*	135.1	-	-	-	-	135.6
190.3	89.9*	133.2	-	-	-	-	134.5
203.4	80.7*	131.0	-	-	-	-	134.5
216.5	72.1*	128.5	-	-	-	-	133.4
229.7	64.6*	126.3	-	-	-	-	132.3
242.8	57.8*	123.9	125.4	-	-	-	131.2
255.9	51.6*	121.5	125.4	-	-	-	130.1
269.0	45.6*	119.3	125.4	-	-	-	126.8
282.2	39.2*	116.8	125.4	-	-	-	123.5
295.3	33.3*	114.6	125.4	-	-	-	121.3
308.4	27.8*	112.2	125.2	-	-	-	119.0
321.5	22.7*	109.8	125.2	-	-	-	116.8
334.6	17.9*	107.6	124.1	-	-	-	115.7
347.8	13.7*	105.2	124.1	105.6	-	-	113.5
360.9	-	103.0	123.7	105.6	-	-	111.3
374.0	-	100.5	122.6	105.6	-	-	110.2
387.1	-	-	121.0	105.6	-	-	108.5
400.3	-	-	120.4	104.9	-	-	105.8
413.4	-	-	119.7	104.9	-	-	95.9
426.5	-	-	116.6	104.9	-	-	86.9
439.6	-	-	-	103.4	72.5	-	77.4
452.8	-	-	-	98.3	67.7	-	67.0
465.9	-	-	-	93.5	62.8	-	56.9
479.0	-	-	-	-	58.4	-	47.0
492.1	-	-	-	-	54.2	-	37.7
518.4	-	-	-	-	46.5	20.1	21.6
531.5	-	-	-	-	-	17.2	14.8
544.6	-	-	-	-	-	14.6	-
557.7	-	-	-	-	-	11.9	-

315.0 ft + 118.1 ft

	SWSL						SFSL
	0 lb	176,400 lb – 992,100 lb					
	87°/85°	87°/85°	75°	65°	55°	45°	
ft							1,000 lb
59.1	465.2*	515.9*	-	-	-	-	-
65.6	427.7*	511.5*	-	-	-	-	-
72.2	394.6*	524.7	-	-	-	-	507.1
78.7	366.0*	524.7	-	-	-	-	507.1
85.3	340.6*	515.9	-	-	-	-	507.1
91.9	317.5*	507.1	-	-	-	-	507.1
98.4	297.6*	498.2	-	-	-	-	507.1
111.5	264.6*	478.4	-	-	-	-	507.1
124.7	237.0*	460.8	-	-	-	-	507.1
137.8	209.4*	445.3	-	-	-	-	500.4
150.9	166.0	429.9	507.1	-	-	-	487.2
164.0	-	-	498.2	-	-	-	465.2
177.2	-	-	467.4	-	-	-	436.5
190.3	-	-	429.9	-	-	-	392.4
203.4	-	-	396.8	-	-	-	354.9
216.5	-	-	-	325.2	-	-	321.9
229.7	-	-	-	304.2	-	-	291.0
242.8	-	-	-	285.5	-	-	264.6
255.9	-	-	-	269.0	-	-	240.3
269.0	-	-	-	-	-	-	219.4
282.2	-	-	-	-	204.4	-	199.5
295.3	-	-	-	-	193.6	-	180.8
308.4	-	-	-	-	-	-	164.2
321.5	-	-	-	-	-	-	144.4
334.6	-	-	-	-	-	125.2	124.6
347.8	-	-	-	-	-	117.9	106.3
360.9	-	-	-	-	-	-	88.6
374.0	-	-	-	-	-	-	79.6
387.1	-	-	-	-	-	-	62.6

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

315.0 ft + 157.5 ft		SWSL						SFSL
		0 lb	176,400 lb – 992,100 lb					
		87°/85°	87°/85°	75°	65°	55°	45°	
ft		1,000 lb						
65.6	393.5*	418.9*	-	-	-	-	-	
72.2	369.3*	418.9*	-	-	-	-	-	
78.7	342.8*	413.4*	-	-	-	-	-	
85.3	318.6*	425.5	-	-	-	-	410.1	
91.9	297.6*	423.3	-	-	-	-	410.1	
98.4	278.9*	418.9	-	-	-	-	410.1	
111.5	248.0*	406.8	-	-	-	-	410.1	
124.7	221.6*	392.4	-	-	-	-	410.1	
137.8	200.2*	379.2	-	-	-	-	410.1	
150.9	179.5*	366.0	-	-	-	-	403.4	
164.0	158.3*	354.9	416.7	-	-	-	399.0	
177.2	140.2*	342.8	413.4	-	-	-	388.0	
190.3	-	-	401.2	-	-	-	372.6	
203.4	-	-	391.3	-	-	-	361.6	
216.5	-	-	363.8	-	-	-	328.5	
229.7	-	-	338.4	-	-	-	297.6	
242.8	-	-	316.4	275.6	-	-	271.2	
255.9	-	-	-	257.9	-	-	246.9	
269.0	-	-	-	243.6	-	-	224.9	
282.2	-	-	-	229.3	-	-	205.0	
295.3	-	-	-	218.0	-	-	186.3	
308.4	-	-	-	-	172.6	-	169.8	
321.5	-	-	-	-	163.6	-	154.3	
334.6	-	-	-	-	155.6	-	138.9	
347.8	-	-	-	-	-	-	122.4	
360.9	-	-	-	-	-	-	105.6	
374.0	-	-	-	-	-	-	89.7	
387.1	-	-	-	-	-	-	74.5	
400.3	-	-	-	-	-	-	66.8	
413.4	-	-	-	-	-	-	52.5	
426.5	-	-	-	-	-	-	38.1	

315.0 ft + 196.9 ft		SWSL						SFSL
		0 lb	176,400 lb – 992,100 lb					
		87°/85°	87°/85°	75°	65°	55°	45°	
ft		1,000 lb						
78.7	315.3*	340.6*	-	-	-	-	-	
85.3	298.7*	337.3*	-	-	-	-	-	
91.9	278.9*	334.0*	-	-	-	-	-	
98.4	261.2*	345.0	-	-	-	-	330.7	
111.5	231.5*	338.4	-	-	-	-	330.7	
124.7	207.0*	330.7	-	-	-	-	330.7	
137.8	186.1*	320.8	-	-	-	-	330.7	
150.9	168.2*	312.0	-	-	-	-	330.7	
164.0	153.0*	302.0	-	-	-	-	330.7	
177.2	139.8*	293.2	-	-	-	-	326.3	
190.3	126.5*	284.4	336.2	-	-	-	321.9	
203.4	112.9*	276.7	331.8	-	-	-	308.6	
216.5	87.7	267.9	326.3	-	-	-	299.8	
229.7	-	-	316.4	-	-	-	291.0	
242.8	-	-	309.7	-	-	-	280.0	
255.9	-	-	297.6	-	-	-	255.7	
269.0	-	-	280.0	239.2	-	-	233.7	
282.2	-	-	-	224.9	-	-	213.8	
295.3	-	-	-	213.4	-	-	196.2	
308.4	-	-	-	201.9	-	-	178.6	
321.5	-	-	-	191.6	-	-	163.1	
334.6	-	-	-	-	149.9	-	148.8	
347.8	-	-	-	-	142.2	-	135.6	
360.9	-	-	-	-	135.1	-	122.4	
374.0	-	-	-	-	127.9	-	107.8	
387.1	-	-	-	-	-	-	93.0	
400.3	-	-	-	-	-	77.4	78.9	
413.4	-	-	-	-	-	72.5	65.0	
426.5	-	-	-	-	-	-	58.0	
439.6	-	-	-	-	-	-	45.6	
452.8	-	-	-	-	-	-	32.8	
465.9	-	-	-	-	-	-	20.1	

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

315.0 ft + 236.2 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
85.3	261.2*	274.5*	-	-	-	-	-
91.9	253.5*	272.3*	-	-	-	-	-
98.4	242.5*	270.1*	-	-	-	-	-
105.0	228.2*	276.7	-	-	-	-	-
111.5	213.8*	275.6	-	-	-	-	266.8
124.7	190.3*	272.3	-	-	-	-	266.8
137.8	170.4*	266.8	-	-	-	-	266.8
150.9	153.4*	261.2	-	-	-	-	266.8
164.0	138.7*	253.5	-	-	-	-	266.8
177.2	125.9*	246.9	-	-	-	-	266.8
190.3	114.6*	240.3	-	-	-	-	266.8
203.4	104.3*	233.7	266.8	-	-	-	262.4
216.5	92.8*	228.2	266.8	-	-	-	255.7
229.7	82.7*	221.6	263.5	-	-	-	244.7
242.8	73.6*	215.8	260.1	-	-	-	238.1
255.9	54.0	209.9	254.6	-	-	-	231.5
269.0	-	-	248.0	-	-	-	227.1
282.2	-	-	243.6	-	-	-	217.2
295.3	-	-	239.2	203.5	-	-	198.4
308.4	-	-	226.0	192.2	-	-	181.9
321.5	-	-	-	181.9	-	-	165.3
334.6	-	-	-	172.4	-	-	151.0
347.8	-	-	-	163.6	-	-	137.8
360.9	-	-	-	155.6	-	-	124.6
374.0	-	-	-	-	116.0	-	113.5
387.1	-	-	-	-	109.1	-	100.5
400.3	-	-	-	-	102.7	-	87.3
413.4	-	-	-	-	96.8	-	74.3
426.5	-	-	-	-	-	-	61.9
439.6	-	-	-	-	-	54.0	52.0
452.8	-	-	-	-	-	50.0	43.0
465.9	-	-	-	-	-	-	32.8
479.0	-	-	-	-	-	-	21.8

315.0 ft + 275.6 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
98.4	213.0*	220.2*	-	-	-	-	-
111.5	200.2*	216.9*	-	-	-	-	-
118.1	188.9*	221.6	-	-	-	-	-
124.7	177.7*	221.6	-	-	-	-	213.8
137.8	158.5*	218.7	-	-	-	-	213.8
150.9	142.2*	215.4	-	-	-	-	213.8
164.0	128.3*	211.4	-	-	-	-	213.8
177.2	115.7*	207.0	-	-	-	-	213.8
190.3	104.9*	202.2	-	-	-	-	213.8
203.4	95.2*	197.5	-	-	-	-	213.8
216.5	86.6*	192.7	212.7	-	-	-	213.8
229.7	78.3*	188.3	212.7	-	-	-	211.6
242.8	69.2*	183.6	211.4	-	-	-	202.8
255.9	61.3*	179.2	211.0	-	-	-	197.3
269.0	54.0*	174.6	207.2	-	-	-	191.8
282.2	47.4*	170.2	205.3	-	-	-	188.5
295.3	31.3	165.6	203.3	-	-	-	184.1
308.4	-	-	197.5	182.3	-	-	180.8
321.5	-	-	194.2	174.4	-	-	169.8
334.6	-	-	190.9	164.9	-	-	154.3
347.8	-	-	187.6	156.3	-	-	141.1
360.9	-	-	-	148.2	-	-	127.9
374.0	-	-	-	140.7	-	-	116.8
387.1	-	-	-	133.8	-	-	105.8
400.3	-	-	-	127.4	94.8	-	95.5
413.4	-	-	-	-	89.1	-	83.3
426.5	-	-	-	-	83.6	-	71.4
439.6	-	-	-	-	78.5	-	60.0
452.8	-	-	-	-	73.6	-	48.9
465.9	-	-	-	-	-	37.9	39.0
479.0	-	-	-	-	-	34.6	30.9
492.1	-	-	-	-	-	31.5	23.1
505.3	-	-	-	-	-	-	13.4

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

	0 lb	176,400 lb	352,800 lb	529,200 lb	705,600 lb	882,000 lb	992,100 lb
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374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 31.50 ft 32.2 ft/s 360° 75%

315.0 ft + 315.0 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
105.0	165.1 *	171.3 *	-	-	-	-	-
111.5	165.1 *	170.6 *	-	-	-	-	-
124.7	159.4 *	171.1	-	-	-	-	-
137.8	146.4 *	170.2	-	-	-	-	165.3
150.9	130.7 *	168.4	-	-	-	-	165.3
164.0	117.3 *	166.2	-	-	-	-	165.3
177.2	105.4 *	163.6	-	-	-	-	165.3
190.3	94.8 *	160.5	-	-	-	-	165.3
203.4	85.3 *	157.2	-	-	-	-	165.3
216.5	77.2 *	154.1	-	-	-	-	164.2
229.7	69.4 *	150.8	159.0	-	-	-	164.2
242.8	62.6 *	147.5	159.0	-	-	-	163.1
255.9	56.2 *	144.4	159.0	-	-	-	157.6
269.0	48.9 *	141.3	159.0	-	-	-	153.2
282.2	42.5 *	138.2	157.9	-	-	-	148.8
295.3	36.6 *	135.1	157.0	-	-	-	145.5
308.4	31.1 *	132.1	156.3	-	-	-	142.2
321.5	26.0 *	128.8	154.3	-	-	-	140.0
334.6	12.1	125.7	152.6	135.6	-	-	136.7
347.8	-	-	150.8	135.6	-	-	133.4
360.9	-	-	149.0	135.6	-	-	131.2
374.0	-	-	145.1	133.4	-	-	119.0
387.1	-	-	143.3	126.5	-	-	108.2
400.3	-	-	-	120.2	-	-	97.9
413.4	-	-	-	114.0	-	-	88.2
426.5	-	-	-	108.2	75.6	-	78.0
439.6	-	-	-	103.0	70.5	-	67.0
452.8	-	-	-	-	65.9	-	56.4
465.9	-	-	-	-	61.5	-	46.3
479.0	-	-	-	-	57.1	-	36.4
492.1	-	-	-	-	53.1	-	26.9
505.3	-	-	-	-	-	20.1	19.2
518.4	-	-	-	-	-	17.2	12.1
531.5	-	-	-	-	-	14.6	-

315.0 ft + 354.3 ft							
ft	SWSL						SFSL
	0 lb 176,400 lb – 992,100 lb						
	87°/85°	87°/85°	75°	65°	55°	45°	
111.5	125.2 *	131.0 *	-	-	-	-	-
124.7	125.2 *	129.9 *	-	-	-	-	-
137.8	124.1 *	129.9	-	-	-	-	-
150.9	117.7 *	129.2	-	-	-	-	125.7
164.0	106.5 *	127.6	-	-	-	-	125.7
177.2	95.2 *	125.9	-	-	-	-	125.7
190.3	84.9 *	124.1	-	-	-	-	125.7
203.4	76.1 *	122.1	-	-	-	-	125.7
216.5	67.7 *	119.9	-	-	-	-	124.6
229.7	60.6 *	117.7	-	-	-	-	123.5
242.8	53.8 *	115.3	-	-	-	-	122.4
255.9	47.8 *	113.1	117.1	-	-	-	121.3
269.0	42.3 *	110.9	117.1	-	-	-	119.0
282.2	37.3 *	108.7	117.1	-	-	-	115.7
295.3	32.0 *	106.3	117.1	-	-	-	112.4
308.4	26.5 *	104.1	116.8	-	-	-	111.3
321.5	21.4 *	101.9	116.8	-	-	-	109.3
334.6	16.8 *	99.6	116.0	-	-	-	107.6
347.8	12.6 *	97.2	115.7	-	-	-	105.8
360.9	-	95.0	115.5	98.1	-	-	104.1
374.0	-	92.8	115.1	98.1	-	-	102.3
387.1	-	-	113.1	98.1	-	-	100.5
400.3	-	-	112.4	97.2	-	-	98.5
413.4	-	-	112.0	97.2	-	-	90.2
426.5	-	-	111.3	97.2	-	-	80.9
439.6	-	-	-	96.3	-	-	72.5
452.8	-	-	-	91.3	58.4	-	62.2
465.9	-	-	-	86.2	54.0	-	52.2
479.0	-	-	-	81.1	49.8	-	42.8
492.1	-	-	-	-	45.9	-	33.5
518.4	-	-	-	-	38.6	-	15.9
531.5	-	-	-	-	35.1	-	-

* Main boom angle 87°

Main boom angle 87°, 85°, 75°, 65°, 55° and 45°, capacities for intermediate boom positions are calculated by the crane control system IC-1

0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

Ratings are in compliance with ISO 4305.

Lifting capacities do not exceed 75% of tipping load.

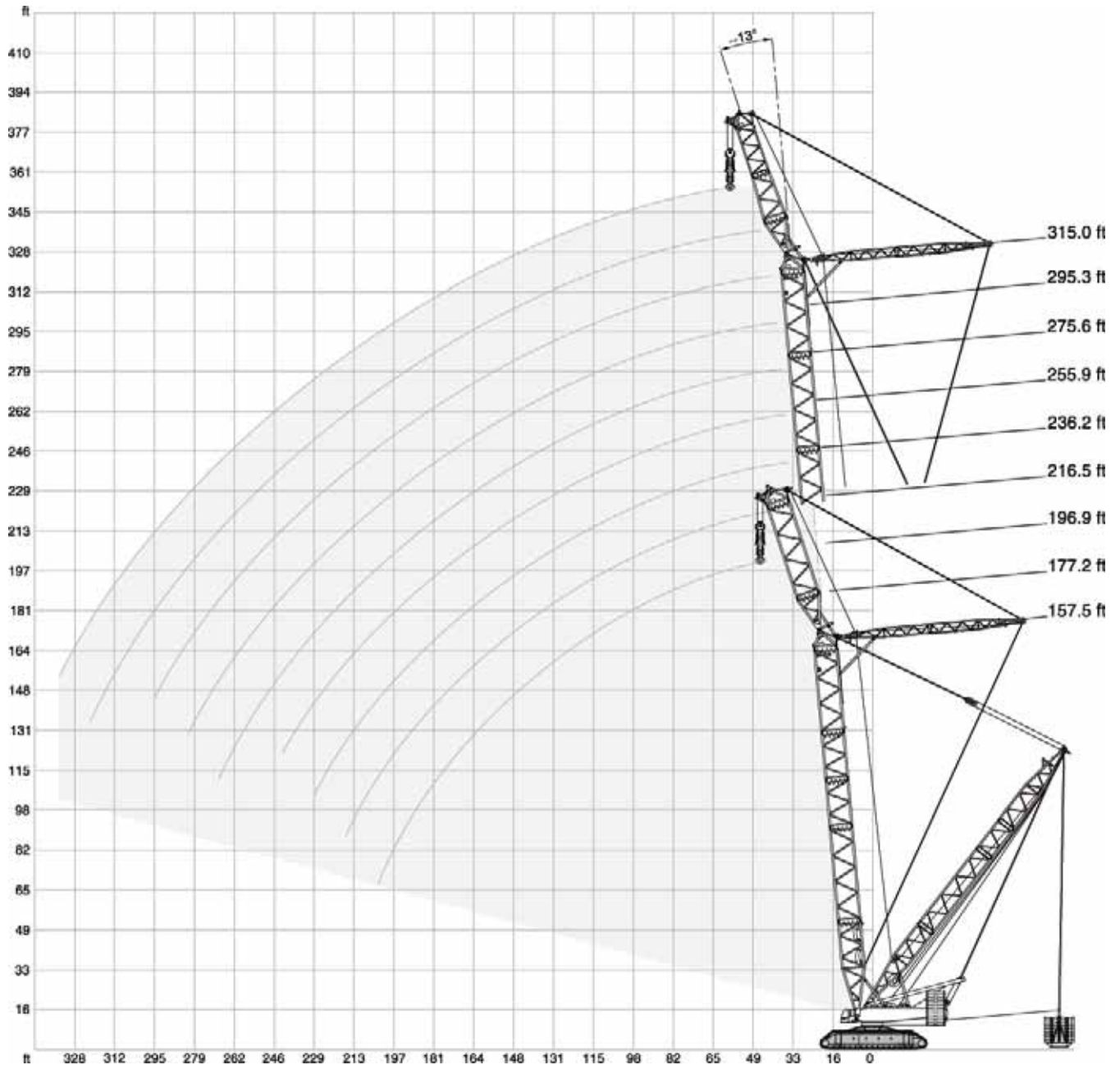
Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.

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.



374,800 – 551,200 lb + 0 – 176,400 lb 49.2-78.7 ft 59 ft 13° 31.50 ft 32.2 ft/s 360° 75 %															
	157.5 ft		177.2 ft		196.9 ft		216.5 ft		236.2 ft		255.9 ft	275.6 ft	295.3 ft	315.0 ft	
	LFVL	SFVL	LFVL	SFVL	LFVL	SFVL	LFVL	SFVL	LFVL	SFVL	LFVL	LFVL	LFVL	LFVL	
ft	1,000 lb														ft
45.9	1115.5	-	-	-	-	-	-	-	-	-	-	-	-	-	45.9
49.2	1115.5	1657.9	1115.5	1496.9	1115.5	-	-	-	-	-	-	-	-	-	49.2
52.5	1115.5	1638.0	1115.5	1496.9	1115.5	1366.9	1115.5	1236.8	1115.5	-	-	-	-	-	52.5
55.8	1115.5	1600.6	1115.5	1479.3	1115.5	1349.2	1115.5	1236.8	1115.5	1111.1	1009.7	908.3	-	-	55.8
59.1	1115.5	1547.6	1115.5	1479.3	1115.5	1349.2	1115.5	1236.8	1115.5	1111.1	1009.7	908.3	817.9	-	59.1
62.3	1115.5	1496.9	1115.5	1457.3	1115.5	1329.4	1115.5	1217.0	1115.5	1111.1	1009.7	908.3	817.9	734.1	62.3
65.6	1115.5	1450.6	1115.5	1417.6	1115.5	1329.4	1115.5	1217.0	1115.5	1095.7	1009.7	908.3	817.9	734.1	65.6
72.2	1115.5	1342.6	1115.5	1333.8	1115.5	1311.8	1115.5	1197.1	1115.5	1091.3	1009.7	908.3	817.9	734.1	72.2
78.7	1115.5	1221.4	1115.5	1212.5	1115.5	1203.7	1115.5	1179.5	1091.3	1075.9	994.3	906.1	817.9	734.1	78.7
85.3	1104.5	1117.7	1111.1	1108.9	1104.5	1100.1	1115.5	1091.3	1073.7	1058.2	978.9	892.9	817.9	734.1	85.3
91.9	1058.2	1029.6	1049.4	1020.7	1042.8	1011.9	1036.2	1003.1	1027.4	994.3	967.8	879.6	804.7	734.1	91.9
98.4	978.9	952.4	972.2	943.6	963.4	932.6	956.8	925.9	950.2	914.9	941.4	870.8	793.7	723.1	98.4
111.5	853.2	824.5	844.4	815.7	835.6	804.7	828.9	798.1	822.3	787.1	813.5	806.9	784.8	716.5	111.5
124.7	751.8	723.1	743.0	714.3	734.1	705.5	727.5	696.7	718.7	685.6	712.1	703.3	696.7	687.8	124.7
137.8	650.4	619.5	661.4	632.7	652.6	621.7	646.0	615.1	637.1	604.1	630.5	621.7	615.1	606.3	137.8
150.9	557.8	529.1	593.0	564.4	584.2	555.6	577.6	546.7	568.8	535.7	562.2	553.4	544.5	537.9	150.9
164.0	485.0	465.2	518.1	487.2	526.9	498.2	520.3	489.4	511.5	478.4	504.9	496.0	487.2	480.6	164.0
177.2	427.7	401.2	449.7	418.9	476.2	443.1	469.6	440.9	463.0	429.9	454.2	445.3	438.7	429.9	177.2
190.3	363.8	339.5	392.4	372.6	414.5	383.6	425.5	396.8	418.9	390.2	412.3	403.4	396.8	388.0	190.3
203.4	321.9	297.6	348.3	321.9	361.6	330.7	377.0	346.1	381.4	352.7	374.8	368.2	359.4	350.5	203.4
216.5	-	-	295.4	271.2	321.9	299.8	330.7	299.8	343.9	310.9	343.9	335.1	326.3	317.5	216.5
229.7	-	-	-	-	280.0	253.5	291.0	269.0	302.0	269.0	310.9	306.4	297.6	288.8	229.7
242.8	-	-	-	-	-	-	260.1	233.7	262.4	235.9	275.6	280.0	273.4	264.6	242.8
255.9	-	-	-	-	-	-	-	-	238.1	212.7	240.3	246.9	249.1	242.5	255.9
269.0	-	-	-	-	-	-	-	-	206.1	178.6	215.0	217.2	220.5	220.5	269.0
282.2	-	-	-	-	-	-	-	-	-	-	190.7	190.7	194.0	195.1	282.2
295.3	-	-	-	-	-	-	-	-	-	-	-	172.0	167.6	169.8	295.3
308.4	-	-	-	-	-	-	-	-	-	-	-	-	153.2	146.6	308.4
321.5	-	-	-	-	-	-	-	-	-	-	-	-	130.1	131.2	321.5
334.6	-	-	-	-	-	-	-	-	-	-	-	-	-	112.4	334.6



0 lb 176,400 lb 352,800 lb 529,200 lb 705,600 lb 882,000 lb 992,100 lb

Crawler Carrier

	3-section carrier comprising of carbody with folded outriggers for the transport and two crawlers. Hydraulic pin connections between crawlers and carbody provide for easy assembly and removal to minimise width and weight for transportation.
Center pot	Bending- and torsion-resistant welded structure fabricated from high-strength fine grain structural steel.
Crawler side frames	Bending-resistant welded structure fabricated from high-strength fine grain structural steel. Centralized lubrication included as standard.
Crawlers	15 track rollers with hardened rolling surfaces. Raised position for both drive sprockets and idler wheels, drive sprockets and idler wheels provide load bearing capacity for erection, adjustable track tension. Each crawler is infinitely variable controlled, both independently and in opposite direction.
Power train	The tracks are powered by two hydraulic motors each through closed planetary gear units running in oil bath, equipped with spring-applied hydraulically released holding brakes. The gear units are of extremely compact design to fit within the width of the crawlers. Each crawler is infinitely variable controlled, both independently and in opposite direction. Quadro-Drive as standard.
Central ballast	176,400 lb.

Superstructure

Counterweight	551,200 lb.
Frame	Bending- and torsion-resistant welded structure fabricated from high-strength fine grain structural steel.
Drive	Two redundant operating water-cooled 6-cylinder MTU diesel engine type 6 R 1100, 2 x 320 kW (429 HP) at 1800 ¹ /min, torque 2100 Nm at 1300 ¹ /min. The engine complies with EUROMOT 4, Tier 4 final and CARB regulations. Fuel tank capacity: 396 gallons. Optional for non-regulated markets: MTU diesel engine type OM 460 LA, 2 x 315 kW (428 HP) at 1800 ¹ /min. The engine complies with EUROMOT 3b, Tier 4i and CARB regulations.
Rope drums	The standard superstructure equipment includes three rope drums – hoist 1, hoist 2 and boom hoist. The drums are powered by hydraulic motors through closed planetary gear units running in oil bath. All rope drums have spring-applied, hydraulically released multi-disk brakes and non-wearing hydraulic braking for load lowering. Rope ends H 1, 2, 3 and W 1, 2 equipped with quick-connect rope end fittings. Hoists H 1 and H 2 and A-frame with boom hoist are removable to minimise weight for transportation.
A-frame	Cylinders on superstructure to raise A-frame are included as standard.
Slew units	Powered by four hydraulic motors through closed, planetary gear unit running in oil bath. Spring-applied, hydraulically released holding brake and non-wearing hydraulic braking.
Control system	IC-1: Electronic proportional valve pilot control integrated in stored-program control system incl. diagnostics. Two colour monitors, load indicator operated via a touchscreen. Working speeds infinitely variable controlled by the lever position. Automatic power control for optimal utilisation of engine output. Standard working range limitation, ground pressure indicator as well as outrigger loading indicator.
Cabin	Comfortable cab with large windscreen and air-conditioning. Laminated glass all around, roof window, self-contained hot air heater, full instrumentation and crane controls. The cab can be tilted back for improved operator view of boom point. A camera system is installed to monitor the rope drums. For transportation, the cab swings in front of the superstructure to minimise width.
Electrical equipment	24 V system (2 batteries 12 V / 180 Ah).
Quick-connection	Hydraulic quick-disconnect fittings on carrier and superstructure facilitate removal to minimise weight for transportation as standard.

Optional equipment

Hydraulic cylinder A-frame	For self-assembly of crawlers.
Sideways outriggers	For erection of long boom systems.
Counterweight carrier	Total weight max. 992,100 lb, in combination with SL telescopic system.
PC outriggers	Outrigger base 45.9 ft x 45.9 ft. Alternatively to the crawlers.

Further options on request!



Boom configurations S and L

SH:	Main boom: foot section 39.4 ft, inserts 19.7 ft, 34.5 ft and 39.4 ft (type 3328), boom head 4.9 ft. Main boom lengths: 118.1-315.0 ft.
SH / LH: (SGL variable)	Main boom: foot sections 39.4 ft, inserts 19.7 ft, 34.5 ft and 39.4 ft (type 3328), tapered insert, extended by inserts 19.7 ft and 39.4 ft (type 2822), top section 24.6 ft. Main boom lengths: 157.5-354.3 ft.
LH:	Main boom: foot section 39.4 ft, insert 34.5 ft (type 3328), tapered insert, extended by inserts 19.7 ft and 39.4 ft (type 2822), top section 24.6 ft. Main boom lengths: 157.5-374.0 ft.
SW:	Main boom: same as SH. Offset 87° to 65°. Luffing fly jib: foot section 14.8 ft, insert 39.4 ft (type 3328), tapered insert, insert 19.7 ft and inserts 39.4 ft (type 2822), top section 24.6 ft. Main boom lengths: 137.8-196.9 ft. Fly jib lengths: 98.4-315.0 ft.
SSL:	Main boom: same as SH. Superlift equipment. Main boom lengths: 137.8-315.0 ft.
SSL / LSL: (SGL 310 ft)	Main boom: foot section 39.4 ft, inserts 19.7 ft, 34.5 ft and 39.4 ft (type 2822), tapered insert, extended by inserts 19.7 ft and 39.4 ft (type 2822), top section 24.6 ft. Superlift equipment. Main boom lengths: 334.6-492.1 ft.
SSL / LSL S1:	Main boom: same as SSL, extended by boom power-kit + jib top section. Main boom lengths: 216.5-511.8 ft.
SWSL / SFSL:	Main boom: same as SH. Offset 87° to 45°. Luffing fly jib: same as SW. Superlift equipment. Main boom lengths: 157.5-315.0 ft. Fly jib lengths: 98.4-354.3 ft.
SFVL:	Main boom: same as SH. Superlift equipment. Fixed jib: foot section 14.8 ft, insert 39.4 ft (type 3328), additional SFVL-head included. Main boom lengths: 157.5-236.2 ft. Fly jib length: 59.0 ft.
LFVL:	Main boom: same as SH. Superlift equipment. Fixed jib: foot section 14.8 ft, tapered insert, top section 24.6 ft. Main boom lengths: 157.5-315.0 ft. Fly jib length: 59.0 ft.
+LF:	In addition to main boom configuration SH, SSL, SH/LH, SSL/LSL, SSL/LSL S1. Fly jib lengths: 49.2 ft, 68.9 ft, 88.6 ft, 108.3 ft. Fly jib offset: 15°, 20°, 30°. Runner on LF max. 52,900 lb as standard.
Pinning of boom	Hydraulic assisted pinning of boom sections is standard.
Reeving winch	Mounted on superstructure.
Operator aids	Electronic load indicator, hoist limit switch for boom movements, hydraulic boom backstops, anemometer.

Optional equipment

Power-kit for main boom	Consisting of max. 3 additional boom sections (2 of main boom, 1 of jib); Standard main boom 315.0 ft required.
Standard Superlift equipment	Mast 132.9 ft (type 2322), counterweight tray for max. 992,100 lb. Superlift radii 49.2 ft, 59.0 ft, 68.9 ft, 78.7 ft.
Variable Superlift equipment	Mast 132.9 ft (type 2322), counterweight tray for max 992,100 lb. Superlift radius infinitely variable during operation 49.2 to 78.7 ft. Vertical cylinder and stabilising system for Superlift counterweight.
Superlift with counterweight carrier	Mast 132.9 ft (type 2322), counterweight carrier for max. 992,100 lb. Superlift radius infinitely variable during operation 59.0 to 78.7 ft.
Add on SL radius	78.7 ft – 98.4 ft (tray and carrier), only SSL, SSL/LSL and SSL/LSL S1.
Hoist H3	Additional rope drum on main boom (for LF or runner operation). Line pull same as H1, rope length 2297 ft.
Runner 101,400 lb	Approx. 6.6 ft for installation on boom head or top section.
Fall protection	Fall protection system for main boom, fly jib and superlift mast.

Effective Date: November 2015.

Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex® is a registered trademark of Terex Corporation in the USA and many other countries.

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