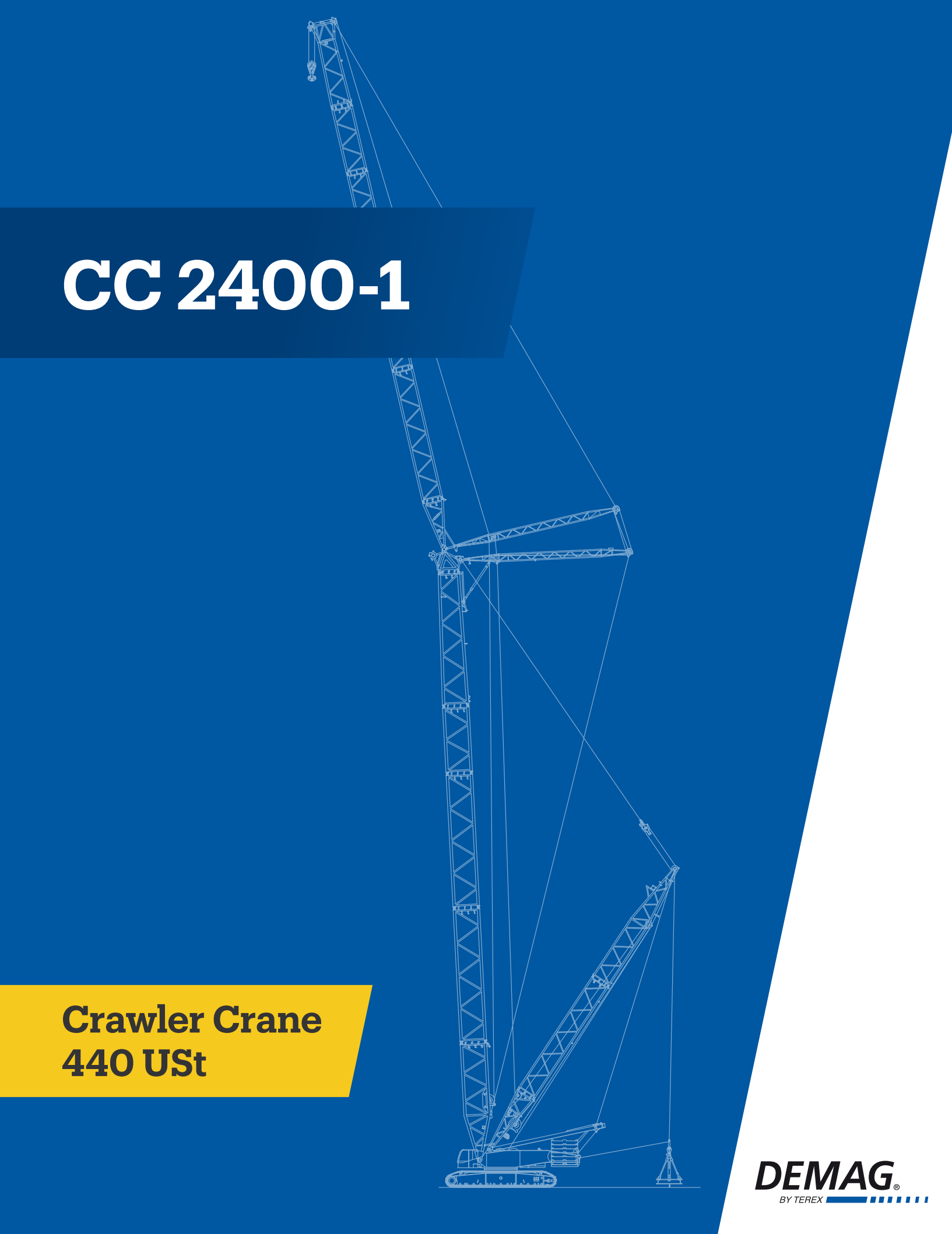




CC 2400-1

**Crawler Crane
440 USt**

DEMAG®
BY TEREX

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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/HA: Main boom

HI: Luffing jib

W: Luffing fly jib

F: Fixed fly jib

SL: Superlift

SGL: Heavy base length



Central ballast

- ▶ Maximum lifting capacities throughout all working ranges
- ▶ Maximum load moment 5168 tm (712,094 lb at 52'6" radius)
- ▶ Variable Superlift radius
- ▶ Variable offset of main boom for configuration SW and SWSL
- ▶ Innovative IC-1 crane control system with touchscreen



Working speeds (infinitely variable)

Mechanism		Speeds ¹⁾	Single line pull	Length of hoist rope
Hoist I	(H1)	max. 492 ft / min	33,709 lbf / 29,889 lbf ²⁾	3346 ft
Hoist II	(H2)	max. 426 ft / min	33,709 lbf / 31,688 lbf ²⁾	2296 ft
Boom derricking	(W2)	max. 456 ft / min		
Boom hoist	(E)	max. 177 ft / min		
Jib luffing	(W1)	max. 361 ft / min		
Slewing (rpm)		1.4		

¹⁾ top layer

²⁾ without / with reeving effect considered

Carrier performance

Travel speed	max. 1.24 mph
--------------	---------------

Double hook block

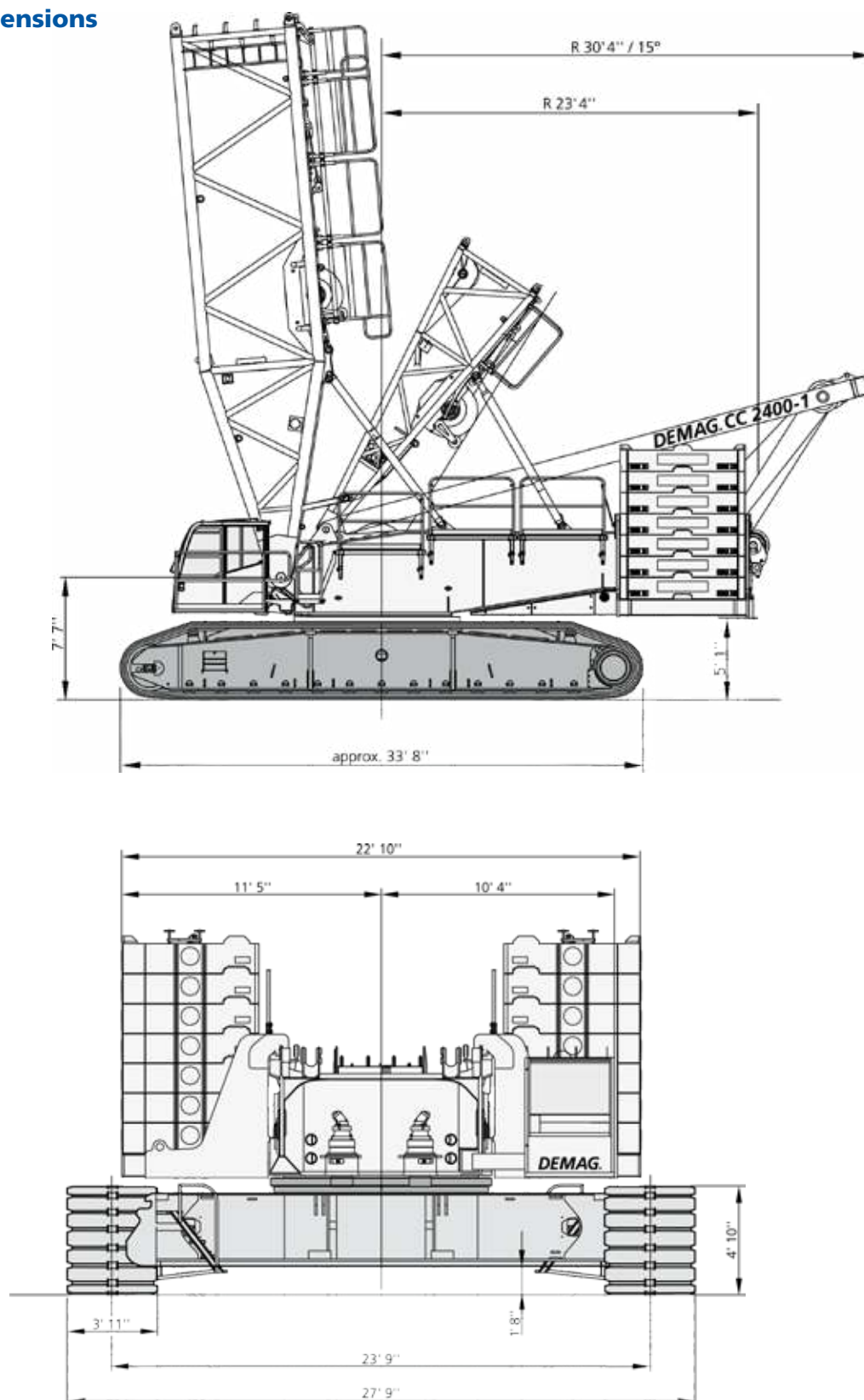
Type	Possible load	Number of sheaves	Number of lines	Weight	„D“
2 x 200*	882,000 lb 441,000 lb	2 x 7 7	2 x 15 15	14,110 lb - 16,320 lb 9,920 lb - 11,030 lb	15.1 ft 16.4 ft
2 x 160	697,000 lb 688,000 lb 348,000 lb	2 x 5 11 5	2 x 11 23 11	9,480 lb - 13,890 lb 9,700 lb - 14,110 lb 7,060 lb - 9,260 lb	15.1 ft 15.1 ft 16.4 ft

* Capacities > 697,000 lb: Heavy-duty head HA 882,000 lb + sheave assembly 882,000 lb is required

Hook block

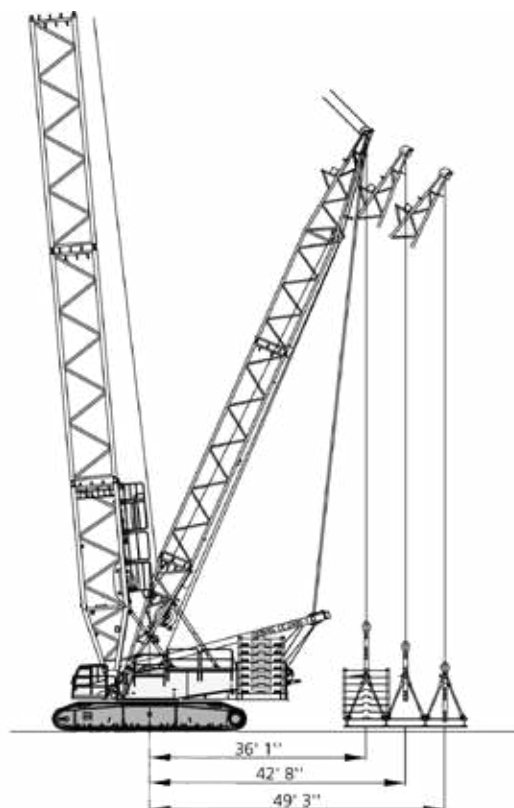
Type	Possible load	Number of sheaves	Number of lines	Weight	„D“
100	220,500 lb	3	7	4,410 lb - 7,720 lb	12.1 ft
50	99,200 lb	1	3	3,750 lb	12.1 ft
15	33,100 lb	Single line hook	1	1,980 lb	11.2 ft

Basic crane dimensions

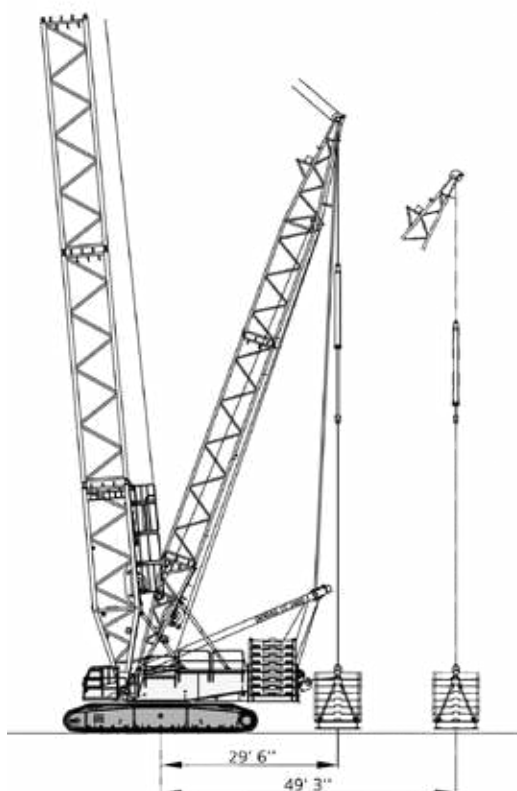


Standard-SL

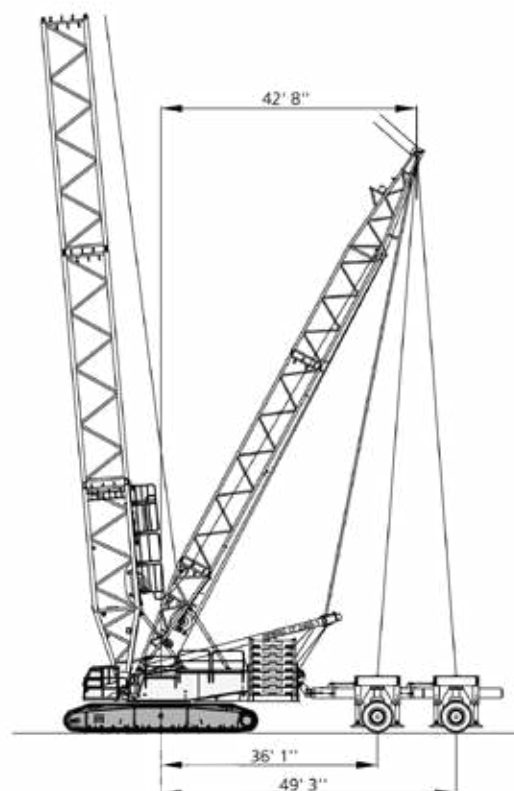
↔ 36.1 ft, 42.6 ft, 49.2 ft



Vario-SL ↔ 29.5 – 49.2 ft

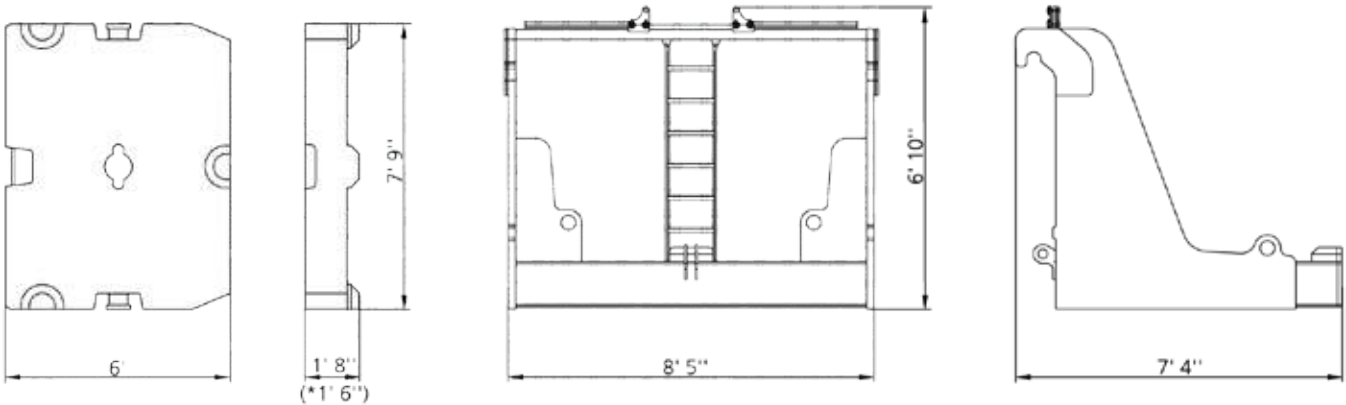
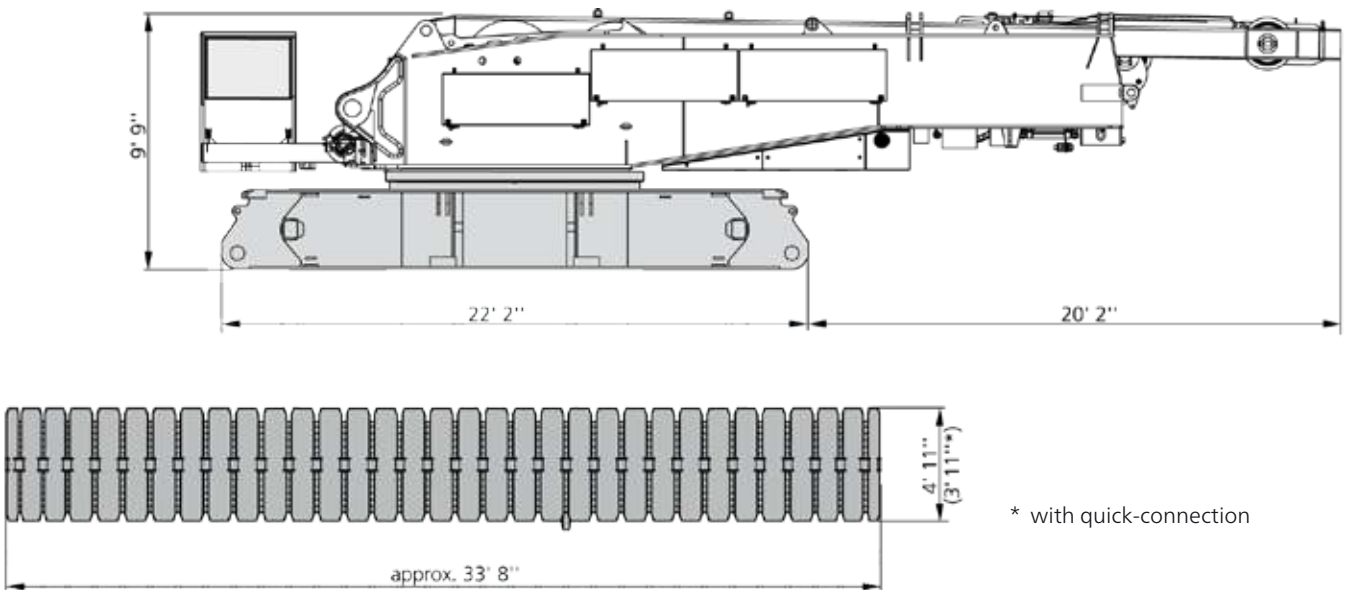


Tele-SL ↔ 36.1 – 49.2 ft

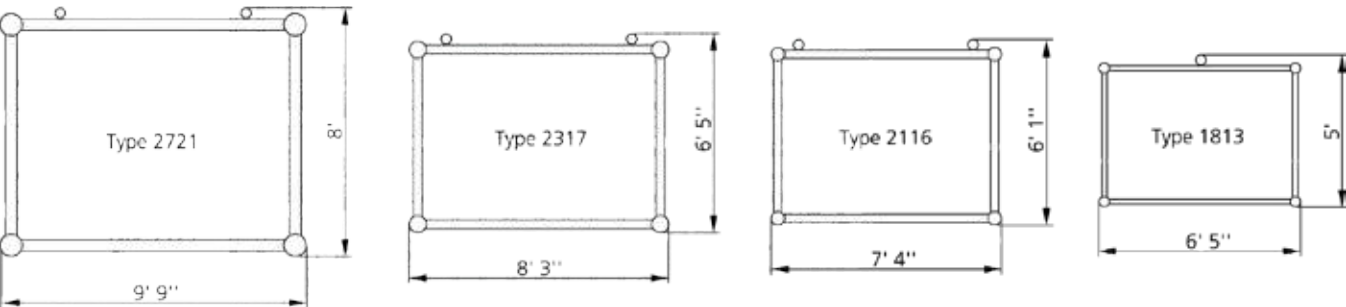


Weights

Total weight incl. 220,500 lb counterweight, 78.7 ft boom and hook block	518,200 lb
Superstructure (with 3 winches, A-frame, carbody, self-assembly equipment)	136,300 lb
Superstructure (with 3 winches, A-frame and quick-connection)	90,900 lb
Carbody with jacks and quick-connection	50,700 lb
Crawlers with track shoes (3'11")	2 x 57,100 lb
Counterweight	220,500 lb



* Option



Erection / lowering the boom systems

Boom combination	Fly jib	Main boom (ft)																	
		78.7	98.4	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	393.7	413.4
SH		X	X	X	X	X	X	X	X	X	X	(X)	–	–	–	–	–	–	–
SH/LH		–	–	–	X	X	X	X	X	X	X	X	(X)	–	–	–	–	–	–
SH/LH SGL_S1		–	–	–	–	–	–	–	X	X	X	(X)	[X]	–	–	–	–	–	–
SW 85°	78.7 ft	–	X	X	X	X	(X)	[X]	–	–	–	–	–	–	–	–	–	–	–
	98.4 ft	–	X	X	X	X	(X)	[X]	–	–	–	–	–	–	–	–	–	–	–
	118.1 ft	–	X	X	X	X	X	[X]	–	–	–	–	–	–	–	–	–	–	–
	137.8 ft	–	X	X	X	X	X	[X]	–	–	–	–	–	–	–	–	–	–	–
	157.5 ft	–	X	X	X	X	X	(X)	–	–	–	–	–	–	–	–	–	–	–
	177.2 ft	–	X	X	X	X	X	–	–	–	–	–	–	–	–	–	–	–	–
	196.9 ft	–	X	X	X	X	X	–	–	–	–	–	–	–	–	–	–	–	–
	216.5 ft	–	X	X	X	X	X	–	–	–	–	–	–	–	–	–	–	–	–
	236.2 ft	–	X	X	X	X	X	–	–	–	–	–	–	–	–	–	–	–	–
SH+LF2	39.4 ft	X	X	X	X	X	X	X	X	(X)	[X]	–	–	–	–	–	–	–	–
SH/LH+LF2	39.4 ft	–	–	–	X	X	X	X	X	(X)	[X]	[X]	–	–	–	–	–	–	–
SH/LH SGL_S1 +LF2	39.4 ft	–	–	–	–	–	–	–	X	[X]	[X]	[X]	–	–	–	–	–	–	–
SSL		–	0	0	0	0	0	0	0	0	0	22	55	99	–	–	–	–	–
SSL/LSL		–	–	–	–	–	–	–	–	–	0	0	22	44	77	99	132	165	198
SSL/LSL SGL_S1		–	–	–	–	–	–	–	0	0	0	0	44	77	121	154	198	–	–
SSL+LF2	39.4 ft	–	–	0	0	0	0	0	0	33	66	110	143	187	–	–	–	–	–
SSL/LSL+LF2	39.4 ft	–	–	–	–	–	–	–	–	–	44	77	110	143	176	209	220	254	287
SSL/LSL SGL_S1 +LF2	39.4 ft	–	–	–	–	–	–	–	0	11	44	88	121	165	220	254	353	–	–
SWSL	78.7 ft	–	–	0	0	0	0	44	88	132	187	231	287	342	–	–	–	–	–
	98.4 ft	–	–	0	0	0	0	44	88	143	187	243	298	364	–	–	–	–	–
	118.1 ft	–	–	0	0	0	0	44	88	143	198	254	309	353	–	–	–	–	–
	137.8 ft	–	–	0	0	0	0	33	88	143	198	265	298	364	–	–	–	–	–
	157.5 ft	–	–	0	0	0	0	22	77	143	198	265	298	364	–	–	–	–	–
	177.2 ft	–	–	0	0	0	0	11	66	121	165	231	298	364	–	–	–	–	–
	196.9 ft	–	–	0	0	0	0	22	55	110	154	220	298	419	–	–	–	–	–
	216.5 ft	–	–	0	0	0	0	22	66	110	154	209	276	397	–	–	–	–	–
	236.2 ft	–	–	0	0	0	0	33	77	121	165	209	265	386	–	–	–	–	–
	255.9 ft	–	–	0	0	0	0	33	77	121	165	220	265	–	–	–	–	–	–
	275.6 ft	–	–	0	0	0	0	44	88	132	176	231	–	–	–	–	–	–	–

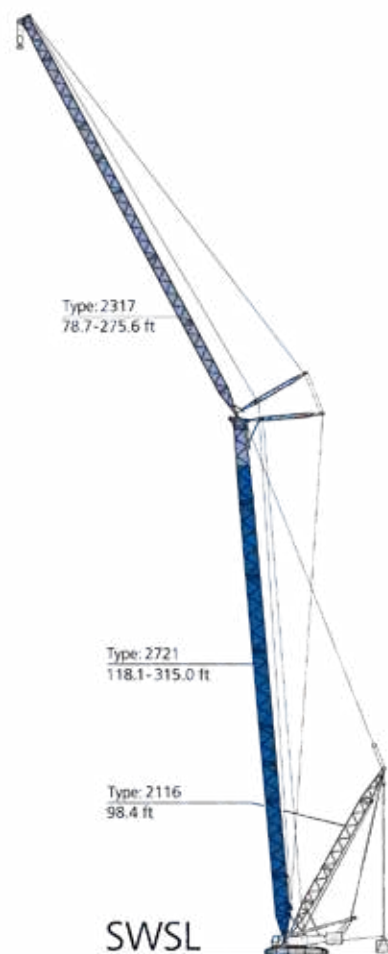
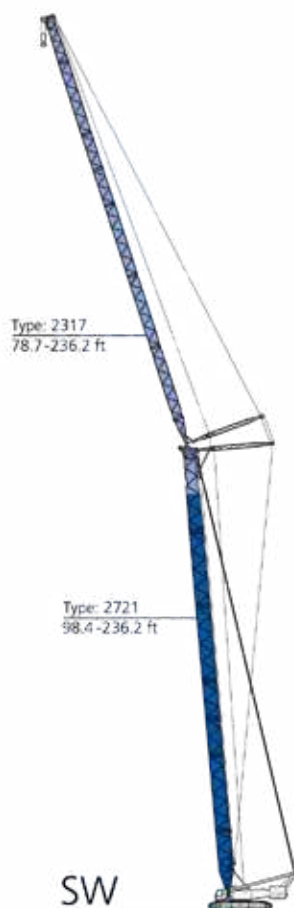
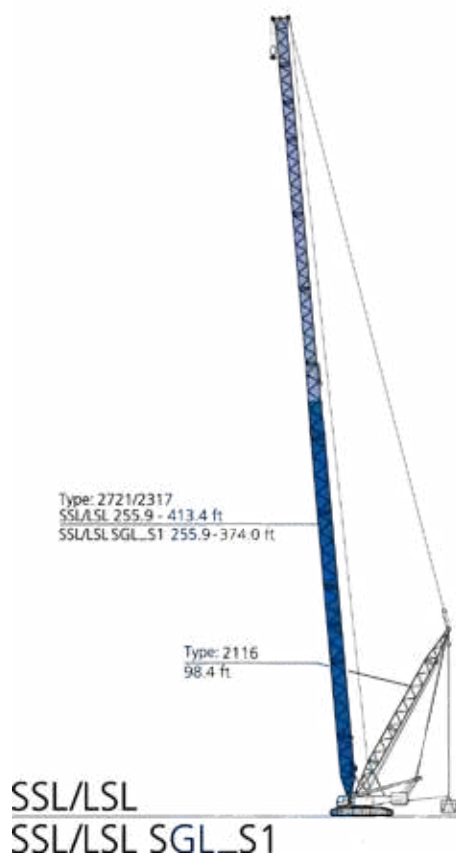
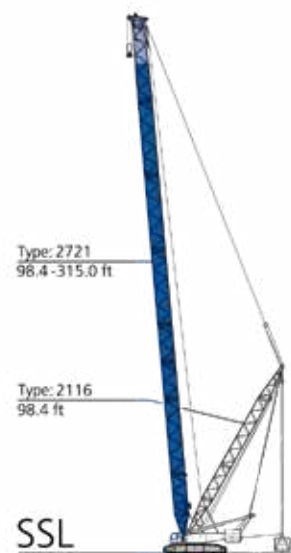
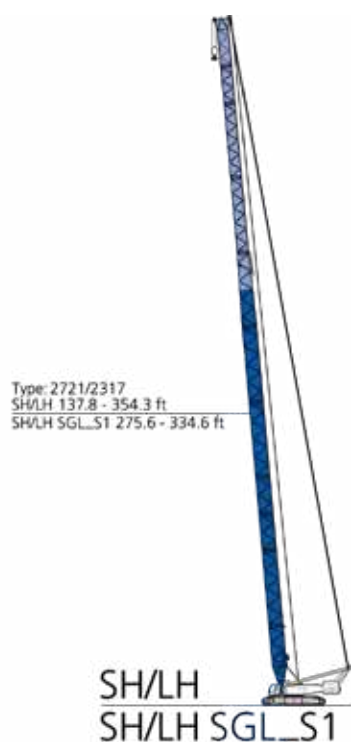
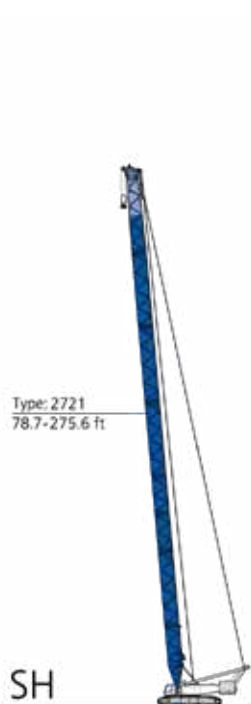
X without assisting equipment

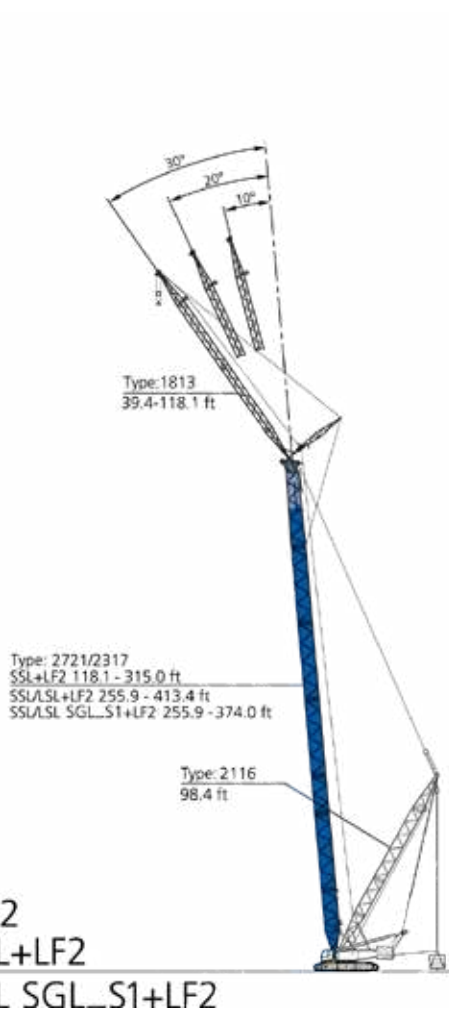
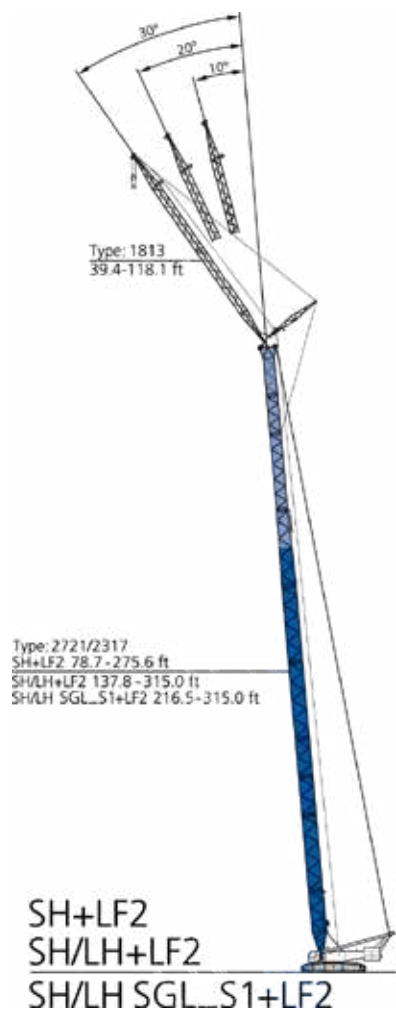
(X) idler wheel supported

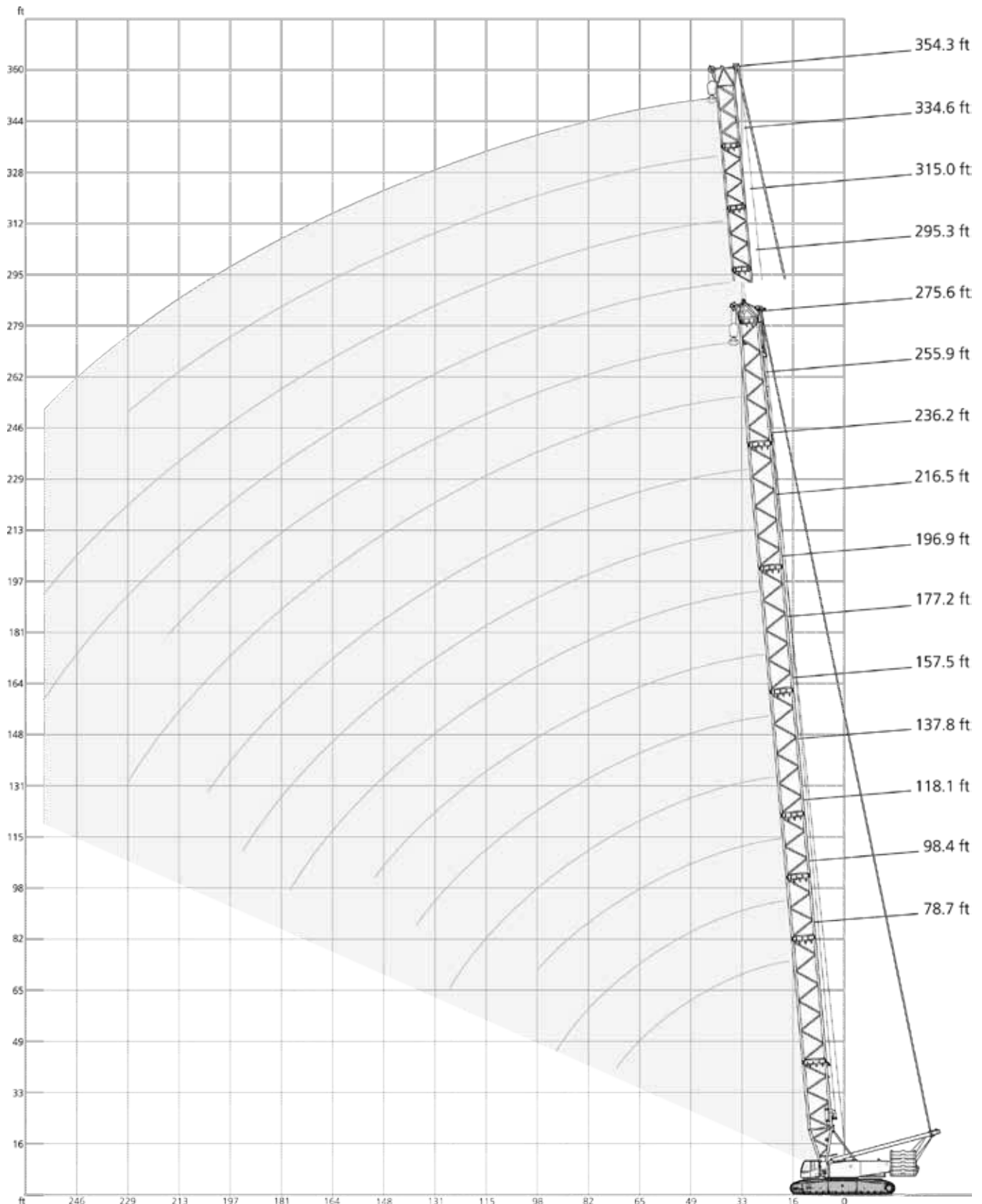
[X] with additional side jack

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

The figures shown represent the necessary SL-counterweight in [kip].







  23.8 ft  32.2 ft/s 360° 75%												
  78.7 ft 98.4 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 												
ft	1,000 lb											ft
18.0	765.0	-	-	-	-	-	-	-	-	-	-	18.0
19.7	738.5	795.9	-	-	-	-	-	-	-	-	-	19.7
23.0	694.5	668.0	679.0	626.1	-	-	-	-	-	-	-	23.0
26.2	612.9	566.6	582.0	542.3	-	-	-	-	-	-	-	26.2
29.5	526.9	544.5	509.3	476.2	449.7	423.3	400.1	379.2	-	-	-	29.5
32.8	511.5	480.6	451.9	425.5	402.3	380.3	360.5	342.8	326.3	310.9	-	32.8
39.4	385.8	383.6	367.1	348.3	331.8	315.3	300.9	286.6	273.4	262.4	250.2	39.4
45.9	306.4	304.2	302.0	294.3	281.1	267.9	255.7	244.7	234.8	224.9	215.6	45.9
52.5	253.5	251.3	248.0	245.8	242.5	231.5	221.6	213.4	204.1	196.4	188.1	52.5
59.1	215.8	213.0	210.3	207.9	205.9	203.7	195.1	187.8	179.7	173.3	165.8	59.1
65.6	187.0	184.3	181.4	178.8	176.8	175.0	173.3	166.9	159.8	153.9	147.3	65.6
72.2	164.7	161.8	159.0	156.3	154.3	152.3	150.8	149.5	143.1	138.0	131.8	72.2
78.7	-	144.0	140.9	138.2	136.0	134.3	132.5	131.4	129.0	124.3	118.8	78.7
85.3	-	129.2	126.1	123.5	121.3	119.3	117.7	116.4	114.9	112.7	107.4	85.3
91.9	-	117.3	114.0	111.1	108.9	106.9	105.2	104.1	102.3	101.6	97.4	91.9
98.4	-	-	103.8	100.8	98.5	96.3	94.6	93.5	91.7	91.1	88.8	98.4
111.5	-	-	-	84.4	81.8	79.8	77.8	76.5	74.7	74.1	72.1	111.5
124.7	-	-	-	72.1	69.4	67.0	65.0	63.7	61.7	60.8	58.6	124.7
137.8	-	-	-	-	59.7	57.1	54.9	53.1	50.9	50.0	47.6	137.8
150.9	-	-	-	-	-	49.2	46.5	44.5	42.3	41.2	38.8	150.9
164.0	-	-	-	-	-	-	39.5	37.5	35.1	34.0	31.7	164.0
177.2	-	-	-	-	-	-	34.0	31.7	29.3	28.0	25.6	177.2
190.3	-	-	-	-	-	-	-	27.1	24.3	22.9	20.5	190.3
203.4	-	-	-	-	-	-	-	-	20.1	18.7	16.1	203.4
216.5	-	-	-	-	-	-	-	-	-	15.0	12.3	216.5
229.7	-	-	-	-	-	-	-	-	-	11.9	9.3	229.7

  78.7 ft 98.4 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 												
ft	1,000 lb											ft
18.0	586.4	-	-	-	-	-	-	-	-	-	-	18.0
19.7	571.0	571.0	-	-	-	-	-	-	-	-	-	19.7
23.0	515.9	469.6	429.9	396.8	-	-	-	-	-	-	-	23.0
26.2	431.0	396.8	368.2	341.7	317.5	296.5	-	-	-	-	-	26.2
29.5	369.3	343.9	319.7	298.7	280.0	262.4	246.9	232.6	-	-	-	29.5
32.8	320.8	302.0	283.3	265.7	249.1	234.8	221.6	209.4	197.5	187.2	-	32.8
39.4	238.1	235.9	228.2	215.8	203.9	192.7	182.1	172.8	163.4	155.4	146.8	39.4
45.9	188.1	185.4	183.0	180.3	170.9	161.8	153.2	145.7	137.8	131.4	124.1	45.9
52.5	154.1	151.5	149.0	146.6	144.6	138.2	131.0	124.8	117.9	112.4	106.0	52.5
59.1	129.9	127.2	124.6	122.1	120.2	118.4	113.3	108.0	102.1	97.2	91.5	59.1
65.6	111.8	108.9	106.3	103.6	101.6	99.9	98.3	94.4	88.8	84.7	79.6	65.6
72.2	97.7	94.8	91.9	89.3	87.3	85.5	83.8	82.7	78.0	74.1	69.4	72.2
78.7	-	83.6	80.5	77.8	75.8	73.9	72.3	71.0	68.8	65.3	60.8	78.7
85.3	-	74.3	71.2	68.6	66.4	64.4	62.6	61.5	59.7	57.5	53.4	85.3
91.9	-	66.8	63.5	60.6	58.4	56.4	54.7	53.1	51.1	50.5	47.0	91.9
98.4	-	-	57.1	54.2	51.8	49.6	47.6	46.1	44.1	43.2	41.0	98.4
111.5	-	-	-	43.9	41.0	38.4	36.2	34.6	32.6	31.7	29.5	111.5
124.7	-	-	-	35.9	32.6	30.0	27.6	26.0	23.8	22.9	20.7	124.7
137.8	-	-	-	-	26.5	23.4	20.9	19.2	17.0	15.9	13.7	137.8
150.9	-	-	-	-	-	18.3	15.7	13.9	11.5	10.4	8.2	150.9
164.0	-	-	-	-	-	-	11.5	9.5	7.1	-	-	164.0
177.2	-	-	-	-	-	-	8.2	-	-	-	-	177.2

	220,500 lb	264,600 lb	308,700 lb	352,800 lb
	0 lb	44,100 lb	88,200 lb	

Capacities > 697,000 lb: Only with special equipment (heavy-duty head HA 882,000 lb + sheave assembly 882,000 lb)

		23.8 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	
		SH / LH							SH / LH SGL_S1	SH / LH SGL_S1	
ft		1,000 lb									ft
23.0	418.9	-	-	-	-	-	-	-	-	-	23.0
26.2	418.9	418.9	418.9	-	-	-	-	-	-	-	26.2
29.5	418.9	418.9	418.9	402.3	384.7	-	-	-	-	-	29.5
32.8	418.9	410.1	388.0	368.2	350.5	332.9	306.4	-	-	-	32.8
36.1	391.3	371.5	352.7	336.2	319.7	305.3	291.0	248.0	274.5	203.3	36.1
39.4	356.0	339.5	323.0	308.6	294.3	281.1	267.9	248.0	253.5	203.3	39.4
42.7	327.4	312.0	297.6	284.4	272.3	260.1	248.0	239.2	234.8	203.3	42.7
45.9	302.0	288.8	275.6	264.6	252.4	241.4	231.5	222.7	219.4	199.1	45.9
52.5	254.6	250.2	240.3	230.4	220.5	211.9	202.8	196.0	191.8	189.2	52.5
59.1	216.5	214.5	212.1	203.7	195.3	187.4	179.7	173.7	169.8	168.0	59.1
65.6	187.6	185.4	183.4	181.4	174.6	167.6	160.5	155.4	151.2	150.4	65.6
72.2	164.9	162.7	160.7	158.5	156.5	150.8	144.6	140.0	135.8	135.6	72.2
78.7	146.8	144.6	142.4	140.4	138.2	136.2	131.0	127.0	122.8	122.8	78.7
85.3	131.8	129.6	127.4	125.4	123.2	121.3	119.3	115.5	111.3	111.8	85.3
91.9	119.5	117.3	115.1	112.9	110.9	108.7	107.1	105.6	101.6	102.3	91.9
98.4	109.1	106.7	104.5	102.3	100.3	98.1	96.6	95.9	92.6	93.9	98.4
111.5	92.6	89.9	87.7	85.5	83.3	81.1	79.6	78.9	75.6	78.0	111.5
124.7	80.0	77.4	75.0	72.5	70.3	68.3	66.6	65.9	62.6	65.0	124.7
137.8	-	67.5	64.8	62.6	60.2	58.0	56.2	55.6	51.8	54.7	137.8
150.9	-	-	56.9	54.5	52.0	49.8	47.6	46.7	43.0	45.9	150.9
164.0	-	-	-	47.8	45.4	42.5	40.6	39.5	35.7	38.6	164.0
177.2	-	-	-	42.5	39.5	36.8	34.4	33.3	29.5	32.4	177.2
190.3	-	-	-	-	34.8	31.7	29.3	28.2	24.5	27.1	190.3
203.4	-	-	-	-	-	27.6	25.1	23.8	20.1	22.7	203.4
216.5	-	-	-	-	-	-	21.4	20.3	16.3	19.0	216.5
229.7	-	-	-	-	-	-	-	17.0	13.2	15.7	229.7
242.8	-	-	-	-	-	-	-	14.1	10.4	12.8	242.8
255.9	-	-	-	-	-	-	-	-	-	10.4	255.9

	264,600 lb	308,700 lb	352,800 lb
	44,100 lb	88,200 lb	

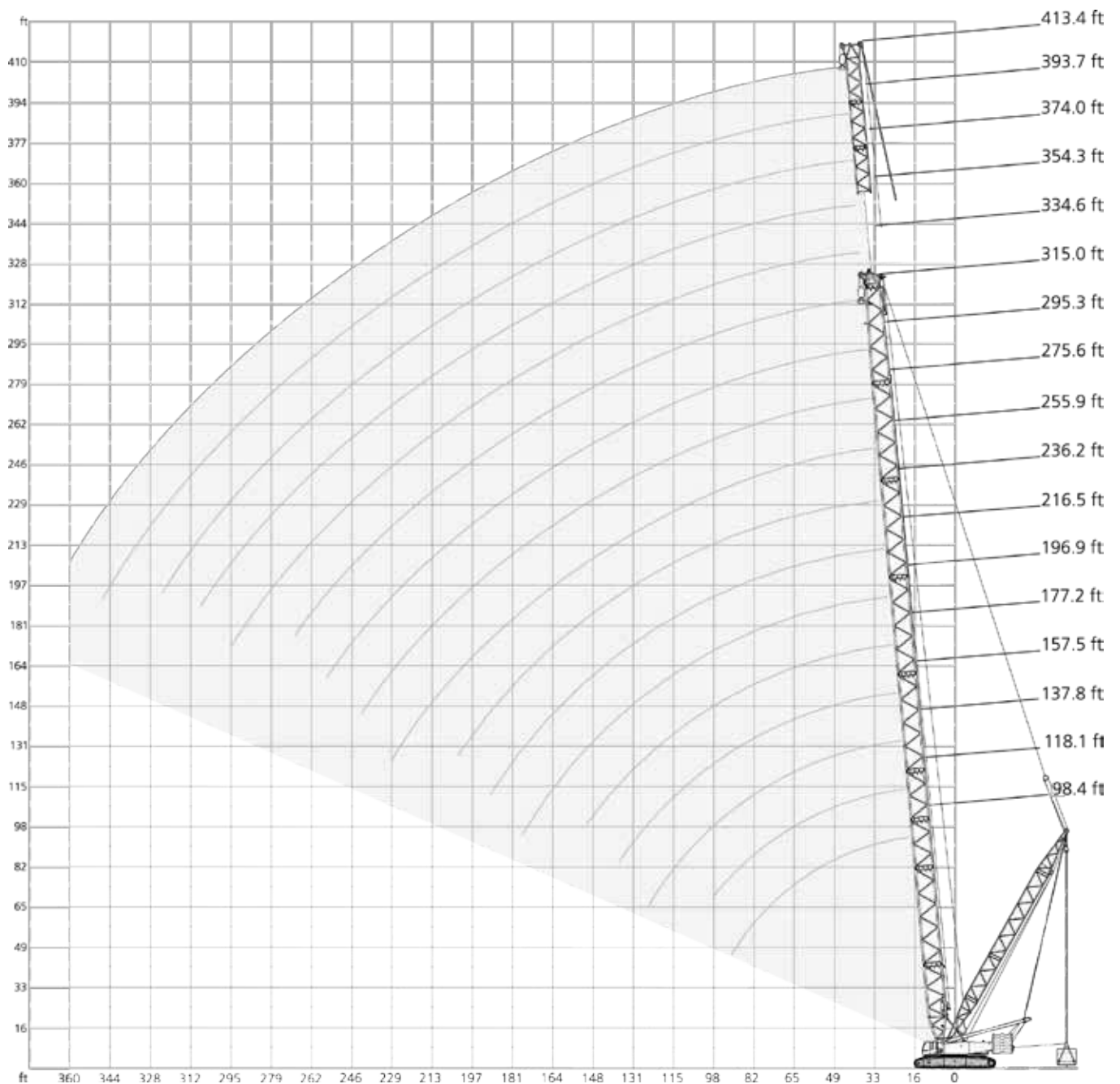
For SH/LH SGL_S1 a boom power-kit is required

23.8 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			
	SH / LH							SH / LH	SH / LH	SH / LH	SH / LH		
ft	1,000 lb												ft
23.0	403.4	-	-	-	-	-	-	-	-	-	-	23.0	
26.2	348.3	325.2	304.2	-	-	-	-	-	-	-	-	26.2	
29.5	306.4	287.7	270.1	254.6	239.2	-	-	-	-	-	-	29.5	
32.8	273.4	256.8	242.5	229.3	216.5	204.6	193.1	-	-	-	-	32.8	
36.1	245.8	232.6	220.0	208.1	196.9	186.3	176.4	168.2	164.2	160.5	155.0	36.1	
39.4	222.7	211.9	200.6	190.0	180.1	170.6	161.6	154.5	150.4	147.5	142.2	39.4	
42.7	204.6	194.0	184.1	174.8	165.8	157.2	148.8	142.4	138.5	136.2	130.7	42.7	
45.9	188.3	178.8	170.0	161.4	153.2	145.3	137.6	131.8	127.9	126.1	120.8	45.9	
52.5	155.2	153.2	146.6	139.3	132.3	125.4	118.8	114.0	110.0	109.1	103.6	52.5	
59.1	130.7	128.8	126.8	121.7	115.5	109.6	103.6	99.4	95.5	95.2	89.7	59.1	
65.6	112.2	110.2	108.0	106.0	102.1	96.6	91.3	87.5	83.3	83.8	78.3	65.6	
72.2	97.9	95.7	93.7	91.5	89.5	85.8	80.9	77.6	73.4	74.3	68.6	72.2	
78.7	86.4	84.2	82.0	80.0	77.8	75.8	71.9	69.0	64.8	65.9	60.4	78.7	
85.3	76.9	74.7	72.5	70.3	68.3	66.4	64.4	61.5	57.3	58.9	53.1	85.3	
91.9	69.0	66.8	64.6	62.4	60.4	58.4	56.9	55.1	50.9	52.5	47.0	91.9	
98.4	62.6	60.2	58.0	55.8	53.6	51.6	49.8	48.9	45.2	47.0	41.4	98.4	
111.5	52.0	49.6	47.2	45.0	42.5	40.1	38.1	37.3	33.5	36.4	31.3	111.5	
124.7	44.3	41.7	39.2	36.4	34.0	31.3	29.3	28.4	24.7	27.6	22.5	124.7	
137.8	-	35.5	32.6	29.8	27.1	24.5	22.5	21.6	17.6	20.7	15.4	137.8	
150.9	-	-	27.3	24.5	21.6	19.0	17.0	15.9	12.1	15.0	9.9	150.9	
164.0	-	-	-	20.1	17.2	14.6	12.3	11.2	7.5	10.4	-	164.0	
177.2	-	-	-	16.8	13.7	10.8	8.6	7.5	-	6.4	-	177.2	
190.3	-	-	-	-	10.8	7.7	-	-	-	-	-	190.3	

220,500 lb

0 lb

For SH/LH SGL_S1 a boom power-kit is required



 352,800 lb +  88,200 lb			 23.8 ft		 32.2 ft /s		360°		75 %			
	 98.4 ft		118.1 ft		137.8 ft		157.5 ft		177.2 ft		196.9 ft	
	 0 lb	0 lb- 529,200 lb	0 lb	0 lb- 529,200 lb	0 lb	0 lb- 529,200 lb	0 lb	0 lb- 529,200 lb	0 lb	0 lb- 529,200 lb	0 lb	0 lb- 529,200 lb
	29.5 ft	29.5- 49.2 ft	29.5 ft	29.5- 49.2 ft	29.5 ft	29.5- 49.2 ft	29.5 ft	29.5- 49.2 ft	29.5 ft	29.5- 49.2 ft	29.5 ft	29.5- 49.2 ft
ft					1,000 lb							
19.7	791.5	881.8	-	-	-	-	-	-	-	-	-	-
23.0	745.2	881.8	705.5	881.8	650.4	881.8	-	-	-	-	-	-
26.2	650.4	881.8	604.1	881.8	564.4	881.8	526.9	844.4	493.8	771.6	-	-
29.5	564.4	881.8	529.1	881.8	496.0	881.8	467.4	844.4	440.9	771.6	416.7	674.6
32.8	489.4	881.8	469.6	881.8	443.1	881.8	418.9	844.4	396.8	771.6	375.9	670.2
39.4	384.7	881.8	382.5	881.8	363.8	881.8	346.1	837.8	328.5	771.6	313.1	668.0
45.9	314.2	791.5	312.0	804.7	306.4	798.1	293.2	771.6	280.0	743.0	267.9	668.0
52.5	259.0	687.8	256.8	712.1	254.6	709.9	252.4	703.3	242.5	683.4	232.6	628.3
59.1	220.5	586.4	218.0	632.7	215.6	630.5	213.6	628.3	212.1	623.9	204.8	586.4
65.6	190.9	520.3	188.3	562.2	185.6	566.6	183.9	564.4	182.1	560.0	180.6	549.0
72.2	167.8	478.4	165.1	485.0	162.5	507.1	160.5	507.1	158.7	507.1	157.2	504.9
78.7	149.3	418.9	146.6	451.9	144.0	463.0	142.0	458.6	140.0	456.4	138.5	456.4
85.3	134.3	363.8	131.4	418.9	128.8	421.1	126.5	417.8	124.8	416.7	123.0	416.7
91.9	121.9	314.2	118.8	381.4	116.0	386.9	114.0	385.8	112.0	381.4	110.2	381.4
98.4	-	-	108.2	339.5	105.4	357.1	103.2	356.0	101.2	354.9	99.4	351.6
105.0	-	-	99.4	299.8	96.3	330.7	93.9	329.6	91.9	328.5	90.2	325.2
111.5	-	-	-	-	88.4	308.6	86.0	307.5	84.0	305.3	82.0	304.2
124.7	-	-	-	-	75.8	251.3	73.2	270.1	70.8	267.9	68.8	266.8
137.8	-	-	-	-	-	-	63.3	235.9	60.6	238.1	58.4	237.0
144.4	-	-	-	-	-	-	59.1	214.5	56.4	224.9	54.2	223.8
150.9	-	-	-	-	-	-	-	-	52.5	213.8	50.0	212.3
157.5	-	-	-	-	-	-	-	-	49.2	201.9	46.3	201.5
164.0	-	-	-	-	-	-	-	-	-	-	43.0	191.8
177.2	-	-	-	-	-	-	-	-	-	-	37.3	173.9

	216.5 ft		236.2 ft		255.9 ft		275.6 ft		295.3 ft		315.0 ft	
	0 lb - 529,200 lb		0 lb - 529,200 lb		0 lb - 529,200 lb		0 lb - 529,200 lb		0 lb - 529,200 lb		0 lb - 529,200 lb	
	29.5 ft	29.5-49.2 ft	29.5 ft	29.5-49.2 ft	29.5 ft	29.5-49.2 ft	29.5 ft	29.5-49.2 ft	29.5 ft	29.5-49.2 ft	29.5 ft	29.5-49.2 ft
ft	1,000 lb											
29.5	394.6	582.0	-	-	-	-	-	-	-	-	-	-
32.8	357.1	582.0	339.5	502.7	324.1	435.4	-	-	-	-	-	-
36.1	326.3	577.6	310.9	502.7	297.6	435.4	283.3	378.1	-	-	-	-
39.4	299.8	577.6	285.5	500.4	273.4	434.3	261.2	378.1	250.2	320.8	239.2	278.9
45.9	256.8	577.6	245.8	500.4	235.9	432.1	226.0	374.8	217.2	320.8	207.9	278.9
52.5	222.7	564.4	214.3	500.4	206.1	432.1	197.5	372.6	190.0	320.8	182.1	278.9
59.1	197.1	535.7	188.9	480.6	182.1	428.8	174.6	371.5	168.0	319.7	160.9	278.9
65.6	175.3	507.1	168.2	463.0	162.3	412.3	155.4	363.8	149.7	318.6	143.3	278.9
72.2	156.1	480.6	150.8	445.3	145.5	401.2	139.6	356.0	134.3	310.9	128.5	275.6
78.7	137.1	456.4	135.6	425.5	131.4	390.2	125.9	349.4	121.3	306.4	115.7	270.1
85.3	121.9	415.6	120.2	405.7	119.3	374.8	114.0	341.7	109.8	302.0	104.7	266.8
91.9	108.9	381.4	107.4	380.3	106.7	358.3	103.8	328.5	99.9	295.4	95.0	263.5
98.4	98.1	350.5	96.3	350.5	95.7	341.7	93.9	315.3	91.1	285.5	86.6	257.9
111.5	80.7	302.0	78.9	300.9	78.3	300.9	76.3	288.8	75.2	264.6	72.3	241.4
124.7	67.5	265.7	65.7	263.5	64.8	263.5	62.8	261.2	61.5	243.6	59.5	223.8
137.8	57.1	235.9	54.9	234.8	53.8	234.8	51.6	231.5	50.3	223.8	48.1	209.4
150.9	48.3	211.2	45.9	209.9	44.8	209.7	42.5	208.1	41.2	203.3	39.0	194.0
164.0	41.0	190.7	38.6	189.2	37.5	188.7	35.1	187.2	33.7	182.5	31.5	178.8
177.2	35.1	173.3	32.4	171.7	31.3	171.3	28.9	169.5	27.3	168.9	25.1	163.4
190.3	30.0	158.5	27.3	156.7	26.0	156.3	23.6	154.5	22.0	153.7	19.8	152.1
203.4	-	-	22.7	144.0	21.6	143.3	19.0	141.5	17.4	140.4	15.0	138.9
216.5	-	-	-	-	17.2	131.8	14.6	130.1	13.0	129.2	10.6	127.4
229.7	-	-	-	-	13.4	119.7	10.6	120.2	9.0	119.0	-	117.3
242.8	-	-	-	-	-	-	7.3	109.1	-	110.2	-	108.5
255.9	-	-	-	-	-	-	-	-	-	99.2	-	100.5
269.0	-	-	-	-	-	-	-	-	-	-	-	91.3



0 lb

88,200 lb

176,400 lb

264,600 lb

352,800 lb

441,000 lb

529,200 lb

Capacities > 697,000 lb: Only with special equipment (heavy-duty head HA 882,000 lb + sheave assembly 882,000 lb)

SSL/LSL, SSL/LSL SGL_S1

CC 2400-1

 352,800 lb +  88,200 lb				 23.8 ft				 32.2 ft / s				360°		75 %	
 255.9 ft				 275.6 ft				 295.3 ft				 315.0 ft			
SSL/LSL		SSL/LSL SGL_S1		SSL/LSL		SSL/LSL SGL_S1		SSL/LSL		SSL/LSL SGL_S1		SSL/LSL		SSL/LSL SGL_S1	
0 lb		0 - 529,200lb		0 lb		0 - 529,200lb		0 lb		0 - 529,200lb		0 lb		0 - 529,200lb	
29.5 ft		29.5 - 49.2 ft		29.5 ft		29.5 - 49.2 ft		29.5 ft		29.5 - 49.2 ft		29.5 ft		29.5 - 49.2 ft	
ft				1,000 lb											
32.8	328.5	379.2	379.2	-	-	-	-	-	-	-	-	-	-	-	-
36.1	302.0	379.2	379.2	289.9	348.3	348.3	277.8	313.1	318.6	-	-	-	-	-	-
39.4	278.9	379.2	379.2	267.9	348.3	348.3	257.9	313.1	318.6	248.0	277.8	287.7	-	-	-
45.9	240.3	379.2	379.2	231.5	348.3	348.3	223.8	310.9	318.6	215.8	277.8	287.7	-	-	-
52.5	210.8	377.0	379.2	203.7	348.3	348.3	196.9	308.6	318.6	190.0	277.8	287.7	-	-	-
59.1	186.7	371.5	379.2	180.8	348.3	348.3	174.8	306.4	318.6	168.9	277.8	287.7	-	-	-
65.6	166.9	362.7	379.2	161.6	348.3	348.3	156.5	303.1	318.6	151.5	277.8	287.7	-	-	-
72.2	150.1	354.9	379.2	145.7	348.3	348.3	141.1	297.6	318.6	136.7	275.6	287.7	-	-	-
78.7	136.0	346.1	379.2	132.1	348.3	348.3	128.1	292.1	318.6	123.9	271.2	287.7	-	-	-
85.3	121.9	323.0	379.2	120.4	347.2	348.3	116.6	291.0	318.6	112.9	267.9	287.7	-	-	-
91.9	108.9	310.9	379.2	108.2	321.9	348.3	106.7	288.8	310.9	103.2	263.5	283.3	-	-	-
98.4	98.1	295.4	350.5	97.4	309.7	347.2	96.6	271.2	299.8	94.8	257.9	275.6	-	-	-
111.5	80.5	271.2	302.0	79.8	285.5	299.8	79.1	253.5	277.8	78.3	243.6	256.8	-	-	-
124.7	67.2	248.0	263.5	66.4	263.5	262.4	65.7	233.7	255.7	64.8	223.8	237.0	-	-	-
137.8	56.4	227.1	234.8	55.6	232.6	231.5	54.7	221.6	230.4	53.6	211.9	217.8	-	-	-
150.9	47.6	210.5	210.8	46.5	210.3	208.8	45.6	208.3	205.5	44.5	202.6	198.2	-	-	-
164.0	40.1	190.3	190.0	39.0	189.6	188.3	38.1	188.9	186.3	37.0	187.0	178.8	-	-	-
177.2	34.0	172.8	172.6	32.8	172.2	170.6	32.0	171.5	168.9	30.6	170.9	159.2	-	-	-
190.3	28.9	157.9	157.9	27.8	157.2	155.9	26.7	156.5	153.9	25.4	155.9	147.5	-	-	-
203.4	24.5	145.1	145.1	23.4	144.4	142.9	22.3	143.7	140.9	20.9	142.9	136.2	-	-	-
216.5	20.3	134.0	134.0	19.0	133.2	131.8	17.9	132.5	129.6	16.5	131.6	125.2	-	-	-
229.7	-	-	-	15.4	123.5	121.9	14.1	122.6	119.7	12.8	121.7	114.0	-	-	-
242.8	-	-	-	12.3	114.9	112.2	10.8	113.8	107.4	9.5	112.9	102.7	-	-	-
255.9	-	-	-	-	-	-	7.9	106.0	94.4	6.4	104.9	92.2	-	-	-
269.0	-	-	-	-	-	-	-	-	-	-	98.1	82.5	-	-	-

	0 lb	88,200 lb	176,400 lb	264,600 lb	352,800 lb	441,000 lb	529,200 lb
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SSL/LSL, SSL/LSL SGL_S1

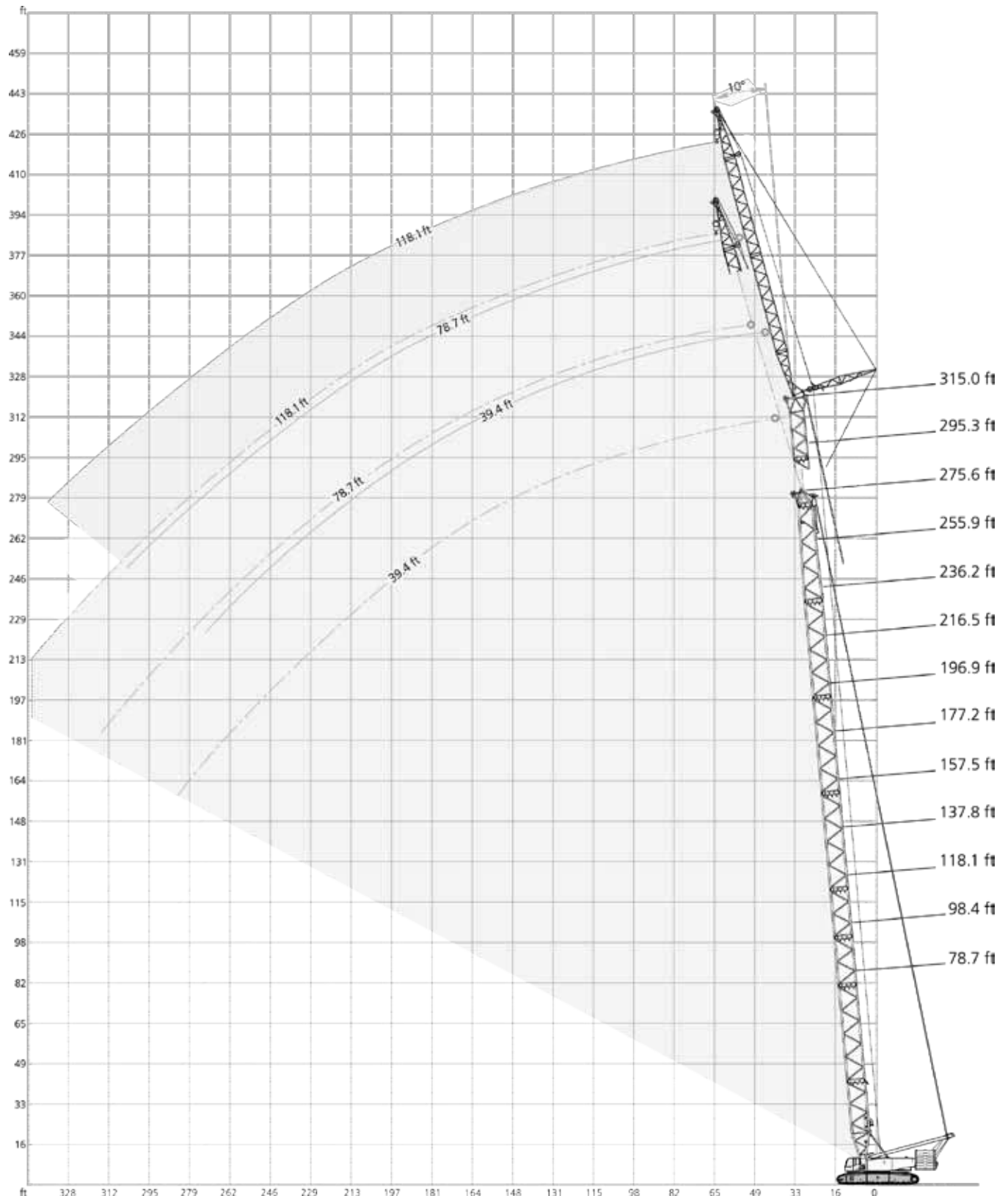
CC 2400-1

352,800 lb + 88,200 lb				23.8 ft				32.2 ft /s				360°		75 %	
334.6 ft				354.3 ft				374.0 ft				393.7 ft		413.4 ft	
SSL/LSL		SSL/LSL SGL S1		SSL/LSL		SSL/LSL SGL S1		SSL/LSL		SSL/LSL SGL S1		SSL/LSL		SSL/LSL	
0 lb		0 - 529,200lb		0 lb		0 - 529,200lb		0 lb		0 - 529,200lb		0 lb - 529,200lb		0 lb - 529,200lb	
29.5 ft		29.5 - 49.2 ft		29.5 ft		29.5 - 49.2 ft		29.5 ft		29.5 - 49.2 ft		29.5 - 49.2 ft		29.5 - 49.2 ft	
ft				1,000 lb											
39.4	231.5	233.7	270.1	-	-	-	-	-	-	-	-	-	-	-	-
42.7	216.1	233.7	270.1	207.7	201.7	237.0	191.1	171.3	207.2	-	-	-	-	-	-
45.9	205.7	233.7	269.0	194.0	201.7	237.0	185.4	171.3	207.2	119.0	145.3	96.1	123.0	-	-
52.5	183.6	231.5	267.9	170.6	200.2	237.0	163.1	169.1	207.0	119.0	144.2	96.1	122.1	-	-
59.1	163.4	230.4	265.7	157.9	198.6	237.0	144.6	167.1	207.0	119.0	142.0	96.1	120.2	-	-
65.6	146.6	228.2	261.2	141.5	197.1	237.0	136.9	166.0	207.0	119.0	140.0	96.1	118.4	-	-
72.2	132.3	227.1	257.9	127.9	195.6	237.0	123.7	165.6	207.0	119.0	139.1	96.1	116.6	-	-
78.7	119.9	224.9	251.3	116.0	193.6	234.8	112.0	164.9	206.8	108.7	138.2	96.1	115.5	-	-
85.3	109.3	223.8	244.7	105.6	191.4	232.6	102.1	162.5	205.7	99.0	136.7	95.5	115.1	-	-
91.9	99.9	221.6	238.1	96.6	190.5	230.4	93.3	160.1	204.6	90.4	134.0	87.1	113.1	-	-
98.4	91.7	220.5	232.6	88.4	190.0	229.3	85.3	157.6	203.7	82.7	131.6	79.6	111.1	-	-
111.5	77.6	211.6	217.8	74.7	186.7	222.7	72.1	152.6	202.2	69.7	129.0	67.0	106.9	-	-
124.7	64.6	201.1	202.8	63.7	179.0	211.4	61.3	147.3	193.1	59.1	126.3	56.7	106.3	-	-
137.8	53.4	190.7	187.6	53.1	171.3	199.5	52.2	142.2	184.1	50.3	121.7	47.8	102.3	-	-
150.9	44.1	182.5	172.6	43.9	164.0	188.3	43.2	137.1	175.0	42.8	116.8	40.6	98.5	-	-
164.0	36.6	175.9	157.6	36.4	158.1	178.1	35.5	131.8	166.0	35.3	112.0	34.0	94.8	-	-
177.2	30.2	169.5	142.6	29.8	152.1	164.9	29.1	125.7	157.0	28.9	107.1	28.0	90.8	-	-
190.3	24.9	155.9	128.5	24.5	145.7	151.0	23.1	120.4	147.9	22.9	102.3	22.3	87.1	-	-
203.4	20.3	142.9	119.3	19.8	139.6	137.8	19.2	114.9	136.5	17.6	97.7	17.0	83.1	-	-
216.5	16.1	131.4	110.0	15.7	131.4	126.3	14.8	107.1	124.8	14.6	92.8	13.9	79.4	-	-
229.7	12.1	121.5	101.0	11.7	121.3	116.2	10.8	102.1	114.6	10.6	86.0	9.7	75.6	-	-
242.8	8.8	112.4	91.7	8.2	112.4	107.1	7.3	97.2	105.6	6.8	82.2	6.2	72.1	-	-
255.9	5.7	104.5	82.9	-	104.3	99.2	-	92.8	97.7	-	78.7	-	68.6	-	-
269.0	-	97.4	74.3	-	97.2	92.2	-	88.4	90.4	-	76.1	-	65.5	-	-
282.2	-	91.3	66.6	-	90.8	85.5	-	84.2	83.8	-	73.4	-	63.5	-	-
295.3	-	85.5	58.6	-	84.9	79.8	-	79.8	78.0	-	70.8	-	61.7	-	-
308.4	-	-	-	-	79.6	74.5	-	75.4	72.5	-	68.1	-	59.7	-	-
321.5	-	-	-	-	-	-	-	71.0	67.7	-	65.5	-	58.0	-	-
334.6	-	-	-	-	-	-	-	-	-	-	62.8	-	56.2	-	-
347.8	-	-	-	-	-	-	-	-	-	-	60.2	-	54.2	-	-
360.9	-	-	-	-	-	-	-	-	-	-	-	-	52.5	-	-
0 lb		88,200 lb	176,400 lb	264,600 lb	352,800 lb	441,000 lb	529,200 lb								

	0 lb	88,200 lb	176,400 lb	264,600 lb	352,800 lb	441,000 lb	529,200 lb
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SH+LF2, SH/LH+LF2, SH/LH SGL_S1+LF2

CC 2400-1

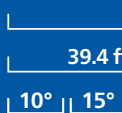


39.4-118.1 ft										23.8 ft										32.2 ft/s										360°			75 %												
78.7 ft										98.4 ft																																			
39.4 ft					78.7 ft					118.1 ft					39.4 ft					78.7 ft					118.1 ft																				
10°			15°			20°			10°			20°			30°			10°			20°			30°			10°			20°			30°												
ft										1,000 lb										1,000 lb																									
26.2	257.9	-	-	-	-	-	-	-	-	257.9	-	-	-	-	-	-	-	-	-	257.9	235.9	-	-	-	-	-	-	-	-	-	-	-	-												
29.5	257.9	235.9	-	-	-	-	-	-	-	257.9	235.9	-	-	-	-	-	-	-	-	257.9	235.9	-	-	-	-	-	-	-	-	-	-	-	-												
32.8	257.9	218.3	173.1	-	-	-	-	-	-	257.9	229.3	178.6	-	-	-	-	-	-	-	257.9	229.3	178.6	-	-	-	-	-	-	-	-	-	-	-												
36.1	251.3	202.8	163.1	142.2	-	-	-	-	-	257.9	215.0	168.7	-	-	-	-	-	-	-	257.9	215.0	168.7	-	-	-	-	-	-	-	-	-	-	-												
39.4	231.5	189.6	154.3	142.2	-	-	-	-	-	253.5	201.7	160.9	142.2	-	-	-	-	-	-	253.5	201.7	160.9	142.2	-	-	-	-	-	-	-	-	-	-												
45.9	201.7	167.6	138.9	131.2	-	-	-	84.2	-	220.5	180.8	146.6	137.8	-	-	-	-	-	-	220.5	180.8	146.6	137.8	-	-	-	-	-	-	-	-	-	-												
49.2	189.6	158.7	132.3	122.4	83.6	-	-	84.2	-	208.3	172.0	140.0	130.1	-	-	-	-	-	-	208.3	172.0	140.0	130.1	-	-	-	-	83.8	-	-	-	-	-												
52.5	178.6	151.0	125.7	114.6	79.6	-	-	82.9	-	197.3	163.1	134.5	122.4	-	-	-	-	-	-	197.3	163.1	134.5	122.4	81.8	-	-	-	82.9	-	-	-	-	-												
59.1	159.8	136.7	115.7	102.7	72.5	-	-	80.7	-	177.5	148.8	123.5	110.2	-	-	-	-	-	-	177.5	148.8	123.5	110.2	75.2	-	-	-	81.4	-	-	-	-	-												
62.3	152.1	131.2	111.3	97.4	69.7	52.0	-	78.5	-	168.7	143.3	119.0	104.9	-	-	-	-	-	-	168.7	143.3	119.0	104.9	72.3	52.9	-	-	80.7	-	-	-	-	-												
65.6	144.4	125.7	107.6	92.6	66.8	50.3	-	74.5	52.5	160.9	137.8	115.7	100.1	-	-	-	-	-	-	160.9	137.8	115.7	100.1	69.7	51.1	-	-	78.5	-	-	-	-	-												
72.2	132.3	115.7	100.3	84.2	61.7	47.0	-	67.5	48.3	147.7	126.8	108.5	91.3	-	-	-	-	-	-	147.7	126.8	108.5	91.3	64.8	48.1	-	-	71.4	49.6	-	-	-	-												
78.7	121.3	108.0	94.1	77.2	57.3	44.1	-	61.5	44.8	136.7	119.0	102.1	84.0	-	-	-	-	-	-	136.7	119.0	102.1	84.0	60.4	45.4	-	-	65.5	46.1	-	-	-	-												
85.3	113.5	101.2	88.8	71.2	53.6	41.4	-	56.7	41.4	126.8	111.3	96.6	77.8	-	-	-	-	-	-	126.8	111.3	96.6	77.8	56.9	43.0	-	-	60.4	43.0	31.7	-	-	-												
91.9	106.0	95.2	84.2	66.1	50.5	39.2	-	52.2	38.8	114.6	105.2	91.7	72.3	-	-	-	-	-	-	114.6	105.2	91.7	72.3	53.6	41.0	-	-	56.0	40.3	30.0	-	-	-												
98.4	99.4	89.9	80.5	61.7	47.6	37.3	-	48.5	36.4	105.2	99.6	87.3	67.7	-	-	-	-	-	-	105.2	99.6	87.3	67.7	50.7	39.0	-	-	52.0	37.9	28.2	-	-	-												
105.0	94.4	86.0	77.2	58.1	45.2	35.6	-	45.4	34.3	96.7	94.1	83.9	63.7	-	-	-	-	-	-	96.7	94.1	83.9	63.7	48.2	37.4	-	-	48.8	35.8	26.9	-	-	-												
111.5	89.3	82.0	-	54.5	42.8	34.0	-	42.3	32.2	88.2	88.6	80.5	59.7	-	-	-	-	-	-	88.2	88.6	80.5	59.7	45.6	35.7	-	-	45.6	33.7	25.6	-	-	-												
124.7	-	-	-	48.7	39.0	31.5	-	37.5	28.9	75.4	75.6	75.2	53.6	-	-	-	-	-	-	75.4	75.6	75.2	53.6	41.7	33.1	-	-	40.6	30.4	23.1	-	-	-												
131.2	-	-	-	46.4	37.5	30.5	-	35.5	27.4	-	70.1	-	51.0	-	-	-	-	-	-	-	70.1	-	51.0	40.1	32.1	-	-	38.5	29.1	22.2	-	-	-												
137.8	-	-	-	44.1	35.9	29.5	-	33.5	26.0	-	-	-	48.5	-	-	-	-	-	-	-	-	-	48.5	38.6	31.1	-	-	36.4	27.8	21.2	-	-	-												
144.4	-	-	-	42.1	34.8	-	-	31.9	24.9	-	-	-	46.5	-	-	-	-	-	-	-	-	-	46.5	37.3	30.3	-	-	34.6	26.6	20.4	-	-	-												
150.9	-	-	-	-	-	-	-	30.2	23.8	-	-	-	44.5	-	-	-	-	-	-	-	-	-	44.5	35.9	29.5	-	-	32.8	25.4	19.6	-	-	-												
164.0	-	-	-	-	-	-	-	27.6	22.0	-	-	-	41.2	-	-	-	-	-	-	-	-	-	41.2	34.2	-	-	-	30.2	23.4	18.3	-	-	-												
177.2	-	-	-	-	-	-	-	25.4	20.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.8	21.8	17.2	-	-	-												
190.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.8	20.5	16.5	-	-	-												
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.0	-	-	-	-	-												

		118.1 ft										137.8 ft																	
ft		1,000 lb										1,000 lb																	
29.5	257.9	-	-	-	-	-	-	-	-	-	-	257.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32.8	257.9	238.1	-	-	-	-	-	-	-	-	-	257.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36.1	257.9	224.9	174.2	-	-	-	-	-	-	-	-	257.9	231.5	178.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	257.9	212.7	166.4	140.0	-	-	-	-	-	-	-	257.9	220.5	170.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42.7	253.5	201.7	158.7	140.0	-	-	-	-	-	-	-	257.9	210.5	164.2	138.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45.9	238.1	191.8	152.1	138.9	-	-	-	-	-	-	-	255.7	200.6	157.6	137.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49.2	224.9	181.9	146.6	136.7	-	-	82.5	-	-	-	-	240.3	191.8	152.1	137.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52.5	213.8	174.2	141.1	130.1	83.6	-	82.5	-	-	-	-	229.3	184.1	146.6	135.6	-	-	-	-	81.8	-	-	-	-	-	-	-	-	-
55.8	203.9	166.4	135.6	123.5	80.5	-	82.0	-	-	-	-	218.3	176.4	141.1	129.0	82.0	-	-	-	81.8	-	-	-	-	-	-	-	-	-
59.1	194.0	159.8	131.2	116.8	77.4	-	81.6	-	-	-	-	207.2	169.8	136.7	123.5	79.1	-	-	-	81.6	-	-	-	-	-	-	-	-	-
65.6	176.4	147.7	122.4	106.7	72.1	52.0	80.2	-	-	-	-	179.7	157.6	129.0	112.4	74.1	52.7	-	-	80.5	-	-	-	-	-	-	-	-	-
72.2	158.7	137.8	114.6	97.9	67.2	49.2	75.2	50.5	-	-	-	156.5	146.6	121.3	103.8	69.4	50.0	78.7	51.4	-	-	-	-	-	-	-	-	-	-
78.7	140.0	129.0	108.9	90.2	63.1	46.7	69.2	47.2	-	-	-	137.8	137.8	114.6	96.1	65.5	47.6	72.5	48.3	-	-	-	-	-	-	-	-	-	-
85.3	125.7	121.3	103.2	83.8	59.5	44.3	63.9	44.3	-	-	-	123.5	123.5	109.3	89.3	61.9	45.4	67.2	45.4	-	-	-	-	-	-	-	-	-	-
91.9	112.4	113.5	98.3	78.0	56.2	42.3	59.3	41.7	30.4	-	-	110.2	111.3	104.3	83.6	58.6	43.4	62.6	42.8	30.6	-	-	-	-	-	-	-	-	-
98.4	102.7	103.4	93.7	73.2	53.4	40.3	55.3	39.2	28.9	-	-	100.3	101.2	99.6	78.3	55.8	41.7	58.6	40.6	29.3	-	-	-	-	-	-	-	-	-
111.5	85.8	86.2	86.2	64.8	48.5	37.3	48.7	35.3	26.2	-	-	83.3	84.0	84.4	69.7	50.7	38.6	51.8	36.6	26.7	-	-	-	-	-	-	-	-	-
124.7	72.8	73.2	73.6	58.2	44.3	34.6	43.4	32.0	23.8	-	-	70.3	71.0	71.2	62.8	46.7	35.9	46.3	33.3	24.5	-	-	-	-	-	-	-	-	-
137.8	62.6	62.8	63.1	52.9	41.0	32.4	39.0	29.1	22.0	-	-	60.2	60.6	60.8	57.1	43.2	33.7	41.7	30.4	22.7	-	-	-	-	-	-	-	-	-
144.4	58.4	58.6	-	50.7	39.6	31.5	37.3	28.0	21.3	-	-	56.1	56.4	56.7	54.7	41.8	32.8	39.8	29.2	21.9	-	-	-	-	-	-	-	-	-
150.9	-	-	-	48.5	38.1	30.6	35.5	26.9	20.5	-	-	52.0	52.2	52.5	52.2	40.3	32.0	37.9	28.0	21.2	-	-	-	-	-	-	-	-	-
157.5	-	-	-	46.6	37.0	30.0	34.0	25.9	19.8	-	-	48.6	48.8	48.9	50.4	39.1	31.2	36.4	27.0	20.5	-	-	-	-	-	-	-	-	-
164.0	-	-	-	44.8	35.9	29.3	32.4	24.9	19.2	-	-	45.2	45.4	-	48.5	37.9	30.4	34.8	26.0	19.8	-	-	-	-	-	-	-	-	-
177.2	-	-	-	41.9	34.2	-	30.0	23.1	18.1	-	-	-	-	-	43.0	35.9	29.1	32.0	24.3	18.7	-	-	-	-	-	-	-	-	-
190.3	-	-	-	-	-	-	27.8	21.8	17.2	-	-	-	-	-	37.9	34.4	-	29.8	22.9	17.6	-	-	-	-	-	-	-	-	-
203.4	-	-	-	-	-	-	26.0	20.5	16.3	-	-	-	-	-	-	-	-	27.8	21.6	17.0	-	-	-	-	-	-	-	-	-
216.5	-	-	-	-	-	-	24.5	19.6	-	-	-	-	-	-	-	-	-	26.0	20.5	16.3	-	-	-	-	-	-	-	-	-
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.7	19.6	-	-	-	-	-	-	-	-	-	-

		 39.4-118.1 ft									 23.8 ft			 32.2 ft/s				360°		75 %	
		157.5 ft									177.2 ft										
		39.4 ft			78.7 ft			118.1 ft			39.4 ft			78.7 ft			118.1 ft				
		10°	15°	20°	10°	20°	30°	10°	20°	30°	10°	15°	20°	10°	20°	30°	10°	20°	30°		
ft		1,000 lb									1,000 lb										
32.8	257.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
36.1	257.9	229.3	-	-	-	-	-	-	-	-	257.9	-	-	-	-	-	-	-	-		
39.4	257.9	227.1	174.2	-	-	-	-	-	-	-	257.9	233.7	-	-	-	-	-	-	-		
42.7	257.9	218.3	167.6	133.4	-	-	-	-	-	-	257.9	224.9	172.0	-	-	-	-	-	-		
45.9	257.9	208.3	162.0	133.4	-	-	-	-	-	-	246.9	216.1	165.3	131.2	-	-	-	-	-		
52.5	224.9	191.8	151.0	132.3	-	-	80.9	-	-	-	216.1	199.5	155.4	131.2	-	-	-	-	-		
55.8	210.5	185.2	146.6	131.2	83.6	-	80.9	-	-	-	201.7	191.8	151.0	130.1	-	-	80.0	-	-		
59.1	198.4	177.5	142.2	127.9	80.7	-	80.7	-	-	-	189.6	185.2	146.6	129.0	82.2	-	80.0	-	-		
65.6	176.4	165.3	133.4	117.9	75.8	-	80.0	-	-	-	168.7	170.9	138.9	123.5	77.4	-	79.6	-	-		
72.2	154.3	155.4	126.8	109.3	71.4	50.7	78.9	52.2	-	-	151.0	153.2	131.2	113.5	73.2	51.4	78.7	-	-		
78.7	135.6	136.7	120.2	101.4	67.5	48.5	75.6	49.2	-	-	133.4	134.5	124.6	106.5	69.2	49.2	77.6	49.8	-		
85.3	121.3	122.4	114.6	94.6	63.9	46.3	70.3	46.3	-	-	119.0	120.2	119.0	99.4	65.9	47.2	73.2	47.2	-		
91.9	108.7	109.6	109.6	88.6	60.8	44.5	65.7	43.9	31.1	-	106.5	107.6	108.5	93.3	62.8	45.2	68.6	44.8	31.3		
98.4	98.1	99.0	99.6	83.3	58.0	42.8	61.5	41.7	29.5	-	95.9	96.8	97.7	88.0	60.0	43.7	64.4	42.5	30.0		
111.5	81.1	81.8	82.5	74.3	52.9	39.7	54.5	37.7	27.1	-	78.7	79.6	80.2	78.7	54.9	40.6	57.1	38.8	27.6		
124.7	68.1	68.6	69.2	67.0	48.9	37.0	48.9	34.4	25.1	-	65.7	66.4	67.0	70.3	50.7	38.1	51.4	35.5	25.6		
137.8	57.8	58.2	58.6	61.1	45.4	34.8	44.3	31.7	23.4	-	55.3	56.0	56.4	60.0	47.2	35.9	46.5	32.8	23.8		
150.9	49.6	49.8	50.3	53.6	42.3	32.8	40.3	29.3	21.8	-	46.7	47.2	47.8	51.4	44.3	34.0	42.5	30.4	22.3		
164.0	42.3	42.8	43.0	46.5	39.9	31.3	37.0	27.1	20.5	-	39.5	39.9	40.3	44.3	41.7	32.4	39.0	28.2	20.9		
177.2	36.4	36.6	-	40.6	37.7	30.0	34.2	25.4	19.2	-	33.5	33.7	34.0	37.9	39.5	30.9	36.2	26.5	19.8		
190.3	-	-	-	35.3	35.9	29.1	31.7	24.0	18.3	-	28.2	28.7	28.7	32.6	34.0	29.8	33.5	24.9	18.7		
203.4	-	-	-	30.6	31.5	-	29.5	22.5	17.4	-	-	-	-	28.0	29.1	28.9	30.9	23.6	17.9		
216.5	-	-	-	26.7	-	-	27.8	21.4	16.8	-	-	-	-	24.0	24.9	-	26.7	22.3	17.2		
229.7	-	-	-	-	-	-	25.6	20.5	16.1	-	-	-	-	20.5	-	-	23.1	21.4	16.5		
242.8	-	-	-	-	-	-	22.5	19.6	-	-	-	-	-	-	-	-	20.1	20.5	16.1		
255.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.2	18.1	-		
269.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.6	-	-		

	220,500 lb	264,600 lb	352,800 lb
	0 lb	44,100 lb	88,200 lb

 39.4-118.1 ft										 23.8 ft										 32.2 ft/s										360°			75 %																																
 196.9 ft										 216.5 ft																																																							
39.4 ft										78.7 ft										118.1 ft										39.4 ft										78.7 ft										118.1 ft															
10° 15° 20°										10° 20° 30°										10° 20° 30°										10° 15° 20°										10° 20° 30°										10° 20° 30°															
ft										1,000 lb																				1,000 lb																																			
36.1	257.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	257.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																												
39.4	257.9	229.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	257.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																												
42.7	255.7	229.3	174.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	244.7	224.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																												
45.9	235.9	220.5	168.7	129.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	227.1	224.9	172.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																												
49.2	220.5	213.8	164.2	129.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	211.6	215.0	166.4	124.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-																												
52.5	206.1	206.1	158.7	127.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	198.4	200.6	162.0	124.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-																												
55.8	194.0	196.2	154.3	127.9	-	-	-	78.3	-	-	-	-	-	-	-	-	-	-	-	186.3	188.5	157.6	124.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-																												
59.1	181.9	184.1	149.9	127.9	83.3	-	-	78.3	-	-	-	-	-	-	-	-	-	-	-	174.2	176.4	154.3	124.6	-	-	-	-	76.3	-	-	-	-	-	-	-	-	-																												
62.3	170.9	173.1	146.6	126.8	80.9	-	-	78.3	-	-	-	-	-	-	-	-	-	-	-	164.2	166.4	149.9	124.6	82.0	-	-	-	76.3	-	-	-	-	-	-	-	-	-																												
65.6	162.0	163.1	142.2	124.6	78.7	-	-	78.0	-	-	-	-	-	-	-	-	-	-	-	155.4	157.6	146.6	123.5	79.8	-	-	-	76.3	-	-	-	-	-	-	-	-	-																												
72.2	144.4	146.6	135.6	119.0	74.5	51.8	-	77.8	-	-	-	-	-	-	-	-	-	-	-	138.9	141.1	138.9	120.2	75.8	52.2	-	76.1	-	-	-	-	-	-	-	-	-	-																												
78.7	130.1	132.3	129.0	110.2	71.0	49.6	-	76.9	50.5	-	-	-	-	-	-	-	-	-	-	125.7	126.8	127.9	114.6	72.3	50.3	-	75.8	51.1	-	-	-	-	-	-	-	-	-																												
85.3	116.8	117.9	119.0	104.1	67.5	47.8	-	75.8	47.8	-	-	-	-	-	-	-	-	-	-	113.5	114.6	115.7	108.5	69.0	48.3	-	75.4	48.5	-	-	-	-	-	-	-	-	-																												
91.9	104.3	105.4	106.5	97.9	64.4	46.1	-	71.2	45.6	-	-	-	-	-	-	-	-	-	-	102.7	103.8	104.9	102.1	66.1	46.5	-	73.6	46.3	-	-	-	-	-	-	-	-	-																												
98.4	93.7	94.6	95.7	92.2	61.7	44.3	-	67.0	43.4	30.2	-	-	-	-	-	-	-	-	-	91.9	93.0	94.1	95.9	63.3	45.0	-	69.4	44.3	30.4	-	-	-	-	-	-	-	-																												
111.5	76.5	77.4	78.3	81.8	56.9	41.4	-	59.7	39.7	28.0	-	-	-	-	-	-	-	-	-	74.7	75.6	76.5	80.0	58.4	42.1	-	62.2	40.6	28.2	-	-	-	-	-	-	-	-																												
124.7	63.5	64.2	64.8	68.3	52.7	39.0	-	53.8	36.6	26.0	-	-	-	-	-	-	-	-	-	61.7	62.4	63.1	66.8	54.2	39.7	-	56.0	37.5	26.2	-	-	-	-	-	-	-	-																												
137.8	52.9	53.6	54.2	57.8	49.2	36.8	-	48.9	33.7	24.3	-	-	-	-	-	-	-	-	-	50.7	51.6	52.2	56.2	50.7	37.7	-	51.1	34.6	24.7	-	-	-	-	-	-	-	-																												
150.9	43.9	44.5	45.2	49.2	46.1	34.8	-	44.8	31.3	22.7	-	-	-	-	-	-	-	-	-	41.9	42.5	43.2	47.2	47.6	35.7	-	46.7	32.4	23.1	-	-	-	-	-	-	-	-																												
164.0	36.6	37.3	37.7	41.7	43.2	33.3	-	41.2	29.3	21.4	-	-	-	-	-	-	-	-	-	34.4	35.1	35.5	39.7	41.9	34.0	-	43.2	30.2	21.8	-	-	-	-	-	-	-	-																												
177.2	30.6	30.9	31.3	35.5	37.3	31.7	-	38.1	27.6	20.3	-	-	-	-	-	-	-	-	-	28.2	28.9	29.3	33.3	35.3	32.6	-	36.6	28.4	20.7	-	-	-	-	-	-	-	-																												
190.3	25.4	25.8	26.0	30.0	31.5	30.6	-	33.1	25.8	19.2	-	-	-	-	-	-	-	-	-	23.1	23.6	23.8	28.0	29.8	31.3	-	31.1	26.7	19.6	-	-	-	-	-	-	-	-																												
203.4	20.9	21.2	21.4	25.4	26.7	27.8	-	28.4	24.5	18.3	-	-	-	-	-	-	-	-	-	18.7	19.0	19.4	23.4	24.9	26.2	-	26.5	25.4	18.7	-	-	-	-	-	-	-	-																												
216.5	-	17.4	-	21.4	22.5	23.4	-	24.3	23.1	17.6	-	-	-	-	-	-	-	-	-	14.8	15.2	15.4	19.2	20.5	21.6	-	22.3	24.0	18.1	-	-	-	-	-	-	-	-																												
229.7	-	-	-	17.9	18.7	-	-	20.7	22.0	17.0	-	-	-	-	-	-	-	-	-	11.7	11.9	-	15.7	17.0	17.9	-	18.5	20.5	17.4	-	-	-	-	-	-	-	-																												
242.8	-	-	-	14.8	15.4	-	-	17.4	19.0	16.3	-	-	-	-	-	-	-	-	-	-	-	-	12.6	13.7	-	-	15.4	17.2	16.8	-	-	-	-	-	-	-	-																												
255.9	-	-	-	-	-	-	-	14.6	15.9	15.9	-	-	-	-	-	-	-	-	-	-	-	-	9.9	10.6	-	-	12.6	14.1	15.4	-	-	-	-	-	-	-	-																												
269.0	-	-	-	-	-	-	-	12.1	13.2	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5	-	-	-	9.9	11.2	12.3	-	-	-	-	-	-	-	-																												
282.2	-	-	-	-	-	-	-	9.9	10.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	8.8	-	-	-	-	-	-	-	-																													
295.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	6.6	-	-	-	-	-	-	-	-																													

	220,500 lb	264,600 lb	352,800 lb
	0 lb	44,100 lb	88,200 lb

		39.4-118.1 ft										23.8 ft		32.2 ft/s										360°	75 %
		236.2 ft										255.9 ft													
		39.4 ft			78.7 ft			118.1 ft				39.4 ft			78.7 ft			118.1 ft							
		10°	15°	20°	10°	20°	30°	10°	20°	30°		10°	15°	20°	10°	20°	30°	10°	20°	30°					
ft		1,000 lb										1,000 lb													
39.4	251.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42.7	233.7	220.5	-	-	-	-	-	-	-	-	-	220.5	-	-	-	-	-	-	-	-	-	-	-	-	-
45.9	217.2	220.5	173.1	-	-	-	-	-	-	-	-	208.3	207.2	-	-	-	-	-	-	-	-	-	-	-	-
49.2	202.8	205.0	169.8	120.2	-	-	-	-	-	-	-	195.1	197.3	172.0	-	-	-	-	-	-	-	-	-	-	-
52.5	189.6	191.8	165.3	120.2	-	-	-	-	-	-	-	181.9	185.2	167.6	114.6	-	-	-	-	-	-	-	-	-	-
59.1	167.6	169.8	156.5	120.2	-	-	74.1	-	-	-	-	160.9	163.1	159.8	114.6	-	-	-	-	-	-	-	-	-	-
62.3	157.6	159.8	153.2	120.2	83.1	-	74.1	-	-	-	-	151.0	153.2	155.4	114.6	-	-	71.4	-	-	-	-	-	-	-
65.6	148.8	151.0	149.9	120.2	80.9	-	74.1	-	-	-	-	143.3	144.4	146.6	114.6	81.8	-	71.4	-	-	-	-	-	-	-
72.2	133.4	134.5	136.7	119.0	77.2	-	74.1	-	-	-	-	127.9	130.1	131.2	114.6	78.3	-	71.4	-	-	-	-	-	-	-
78.7	119.0	121.3	122.4	116.8	73.6	50.5	74.1	51.6	-	-	-	114.6	116.8	117.9	113.5	74.7	50.9	71.4	-	-	-	-	-	-	-
85.3	108.5	110.0	111.3	109.6	70.3	48.7	73.9	49.2	-	-	-	104.3	105.8	107.4	105.4	71.7	49.2	71.4	49.8	-	-	-	-	-	-
91.9	98.5	99.9	101.2	99.9	67.5	47.2	73.4	47.0	-	-	-	94.6	95.9	97.2	96.1	68.8	47.6	71.2	47.6	-	-	-	-	-	-
98.4	89.7	90.8	92.2	91.5	64.8	45.6	71.7	45.0	30.6	-	-	86.0	87.3	88.4	87.7	66.1	46.1	71.2	45.6	30.6	-	-	-	-	-
111.5	72.5	73.6	74.5	77.2	60.0	42.8	64.4	41.4	28.4	-	-	71.0	72.1	73.2	73.9	61.3	43.4	66.6	42.1	28.7	-	-	-	-	-
124.7	59.1	60.2	61.1	64.8	55.8	40.6	58.2	38.1	26.7	-	-	57.3	58.4	59.3	62.6	57.3	41.0	60.4	39.0	26.9	-	-	-	-	-
137.8	48.1	48.9	49.8	54.0	52.2	38.4	53.1	35.5	24.9	-	-	46.3	47.2	48.1	52.2	53.6	39.0	54.9	36.4	25.4	-	-	-	-	-
150.9	39.0	39.9	40.6	44.8	47.6	36.4	48.5	33.1	23.6	-	-	37.3	38.1	38.8	43.0	46.1	37.3	47.0	34.0	23.8	-	-	-	-	-
164.0	31.7	32.4	33.1	37.3	39.7	34.8	40.8	31.1	22.3	-	-	29.8	30.6	31.3	35.5	38.1	35.5	39.2	32.0	22.7	-	-	-	-	-
177.2	25.6	26.0	26.7	30.9	33.1	33.3	34.4	29.3	21.2	-	-	23.6	24.3	24.9	29.1	31.5	33.7	32.6	30.0	21.6	-	-	-	-	-
190.3	20.3	20.7	21.2	25.4	27.3	29.1	28.9	27.6	20.1	-	-	18.5	19.0	19.4	23.6	25.8	27.8	27.1	28.4	20.5	-	-	-	-	-
203.4	15.9	16.3	16.5	20.7	22.5	24.0	24.0	26.2	19.2	-	-	13.9	14.3	14.8	19.0	20.9	22.5	22.3	25.1	19.6	-	-	-	-	-
216.5	11.9	12.3	12.6	16.8	18.3	19.6	19.8	22.3	18.5	-	-	10.1	10.4	10.8	14.8	16.5	18.1	18.1	20.7	18.7	-	-	-	-	-
229.7	8.6	9.0	9.3	13.0	14.6	15.7	16.1	18.3	17.6	-	-	6.6	7.1	7.3	11.2	12.8	14.1	14.3	16.8	18.1	-	-	-	-	-
242.8	5.7	6.0	-	9.9	11.2	12.1	13.0	15.0	16.8	-	-	-	-	-	8.2	9.5	10.6	11.2	13.4	15.2	-	-	-	-	-
255.9	-	-	-	7.3	8.2	-	10.1	11.9	13.4	-	-	-	-	-	-	6.6	7.5	8.4	10.4	11.9	-	-	-	-	-
269.0	-	-	-	-	5.5	-	7.5	9.0	10.4	-	-	-	-	-	-	-	-	5.7	7.5	9.0	-	-	-	-	-
282.2	-	-	-	-	-	-	-	6.6	7.7	-	-	-	-	-	-	-	-	-	-	6.4	-	-	-	-	-

	220,500 lb	264,600 lb	352,800 lb
	0 lb	44,100 lb	88,200 lb

SH/LH+LF2, SH/LH SGL_S1+LF2

CC 2400-1

 39.4-118.1 ft  23.8 ft  32.2 ft/s  360°  75 %												
137.8 ft SH/LH SGL_S1 SH/LH + LF2 + LF2 SH/LH + LF2												
39.4 ft 78.7 ft 118.1 ft												
10° 15° 20° 30° 10° 15° 10° 20° 30° 10° 20° 30°												
ft	1,000 lb											
32.8	255.7	-	-	-	-	-	-	-	-	-	-	-
36.1	253.5	206.1	-	-	-	-	-	-	-	-	-	-
39.4	249.1	197.3	155.4	-	-	-	-	-	-	-	-	-
42.7	244.7	188.5	149.9	-	-	-	126.8	-	-	-	-	-
45.9	233.7	180.8	144.4	91.3	-	-	126.8	-	-	-	-	-
52.5	212.7	166.4	134.5	86.9	-	-	125.7	-	-	76.5	-	-
55.8	202.8	159.8	130.1	84.9	-	-	119.0	75.2	-	76.5	-	-
59.1	194.0	154.3	126.8	82.9	-	-	113.5	72.5	-	76.1	-	-
65.6	178.6	144.4	119.0	79.4	-	-	105.2	68.1	43.4	75.6	-	-
72.2	160.9	135.6	112.4	76.3	-	-	97.2	64.2	41.4	73.2	47.2	-
78.7	142.2	127.9	107.6	73.6	-	-	90.4	60.6	39.7	67.9	44.3	-
85.3	127.9	121.3	102.5	71.0	-	-	84.4	57.5	37.9	63.1	41.9	-
91.9	115.7	114.6	98.1	68.8	-	-	79.1	54.7	36.4	59.1	39.7	25.1
98.4	105.2	105.6	93.9	66.6	-	-	74.5	52.0	35.1	55.3	37.5	24.0
111.5	88.2	88.6	87.1	63.3	-	-	66.6	47.6	32.6	49.2	34.0	22.0
124.7	75.4	75.6	76.1	60.4	-	-	60.2	44.1	30.6	44.1	31.1	20.3
131.2	70.2	70.5	70.9	59.3	-	-	57.5	42.5	29.9	42.0	29.8	19.6
137.8	65.0	65.5	65.7	-	-	-	54.9	41.0	29.1	39.9	28.4	19.0
150.9	56.9	57.1	57.3	-	-	-	50.7	38.4	27.6	36.4	26.5	17.6
157.5	53.6	53.6	-	-	-	-	48.8	37.3	27.1	34.9	25.5	17.2
164.0	50.3	-	-	-	-	-	47.0	36.2	26.7	33.5	24.5	16.8
177.2	-	-	-	-	-	-	43.9	34.4	-	30.9	22.9	15.9
190.3	-	-	-	-	-	-	41.2	33.1	-	28.9	21.6	15.0
203.4	-	-	-	-	-	-	-	-	-	26.9	20.5	14.6
216.5	-	-	-	-	-	-	-	-	-	25.4	19.6	-
229.7	-	-	-	-	-	-	-	-	-	24.0	18.7	-

	220,500 lb	264,600 lb	352,800 lb
	0 lb	44,100 lb	88,200 lb

SH/LH+LF2, SH/LH SGL_S1+LF2

CC 2400-1

 39.4-118.1 ft  23.8 ft  32.2 ft/s 360° 75 %												
157.5 ft SH/LH SGL_S1 SH/LH + LF2 + LF2 SH/LH + LF2 39.4 ft 78.7 ft 118.1 ft 10° 15° 20° 30° 10° 15° 10° 20° 30° 10° 20° 30°												
ft	1,000 lb											
32.8	242.5	-	-	-	-	-	-	-	-	-	-	-
36.1	242.5	210.5	-	-	-	-	-	-	-	-	-	-
39.4	240.3	201.7	157.6	-	-	-	-	-	-	-	-	-
42.7	235.9	194.0	152.1	-	-	-	124.6	-	-	-	-	-
45.9	231.5	186.3	147.7	91.9	-	-	124.6	-	-	-	-	-
52.5	222.7	173.1	137.8	88.0	-	-	124.6	-	-	75.2	-	-
55.8	213.8	166.4	134.5	86.0	-	-	123.5	76.1	-	75.2	-	-
59.1	203.9	160.9	130.1	84.2	-	-	117.9	73.6	-	75.2	-	-
65.6	181.9	151.0	123.5	80.9	-	-	109.6	69.4	-	74.7	-	-
72.2	158.7	142.2	116.8	78.0	-	-	101.6	65.7	41.7	74.5	47.6	-
78.7	141.1	134.5	111.3	75.4	-	-	94.8	62.2	39.9	70.3	45.0	-
85.3	125.7	126.8	106.9	72.8	-	-	88.6	59.1	38.4	65.7	42.5	-
91.9	113.5	113.5	102.5	70.5	-	-	83.3	56.4	37.0	61.5	40.3	25.1
98.4	103.0	103.6	98.3	68.6	-	-	78.7	54.0	35.7	57.8	38.4	24.3
111.5	86.2	86.6	87.1	65.0	-	-	70.5	49.6	33.3	51.6	34.8	22.3
124.7	73.2	73.6	74.1	62.2	-	-	63.9	45.9	31.5	46.3	32.0	20.7
137.8	62.8	63.3	63.5	60.0	-	-	58.4	42.8	29.8	42.1	29.5	19.2
144.4	58.8	59.1	59.3	58.9	-	-	56.2	41.4	29.1	40.3	28.4	18.6
150.9	54.7	54.9	55.1	-	-	-	54.0	40.1	28.4	38.6	27.3	18.1
164.0	47.8	48.1	48.3	-	-	-	50.0	37.9	27.1	35.5	25.6	17.0
177.2	42.3	42.5	-	-	-	-	44.8	35.9	26.2	32.8	24.0	16.1
190.3	-	-	-	-	-	-	39.9	34.4	-	30.6	22.5	15.4
203.4	-	-	-	-	-	-	35.7	33.1	-	28.7	21.4	14.8
216.5	-	-	-	-	-	-	31.7	-	-	26.9	20.3	14.3
229.7	-	-	-	-	-	-	-	-	-	25.4	19.4	-
242.8	-	-	-	-	-	-	-	-	-	24.0	18.7	-
255.9	-	-	-	-	-	-	-	-	-	23.1	-	-

	220,500 lb	264,600 lb	352,800 lb
	0 lb	44,100 lb	88,200 lb

 +  39.4-118.1 ft  23.8 ft  32.2 ft/s 360° 75 %												
177.2 ft												
SH / LH + LF2				SH / LH SGL_S1 + LF2			SH / LH + LF2					
39.4 ft							78.7 ft			118.1 ft		
10°	15°	20°	30°	10°	15°	10°	20°	30°	10°	20°	30°	
1,000 lb												
ft												
36.1	229.3	-	-	-	-	-	-	-	-	-	-	-
39.4	229.3	205.0	-	-	-	-	-	-	-	-	-	-
42.7	224.9	198.4	154.3	-	-	-	-	-	-	-	-	-
45.9	222.7	190.7	149.9	-	-	-	122.4	-	-	-	-	-
49.2	219.4	184.1	145.5	90.6	-	-	122.4	-	-	-	-	-
52.5	215.0	178.6	141.1	88.8	-	-	121.3	-	-	-	-	-
55.8	208.3	172.0	137.8	87.1	-	-	121.3	-	-	73.6	-	-
59.1	196.2	166.4	133.4	85.3	-	-	121.3	74.5	-	73.6	-	-
65.6	175.3	156.5	126.8	82.2	-	-	113.5	70.5	-	73.6	-	-
72.2	156.5	147.7	121.3	79.4	-	-	105.8	66.8	41.9	73.4	-	-
78.7	138.9	140.0	115.7	76.7	-	-	98.8	63.5	40.3	72.5	45.4	-
85.3	123.5	124.6	110.2	74.5	-	-	92.8	60.6	38.8	67.9	43.0	-
91.9	111.3	112.4	106.5	72.3	-	-	87.3	58.0	37.5	63.7	41.0	25.1
98.4	101.0	101.6	102.5	70.3	-	-	82.5	55.6	36.2	60.0	39.0	24.3
111.5	84.0	84.7	85.1	66.8	-	-	74.3	51.1	34.0	53.8	35.7	22.5
124.7	71.0	71.4	71.9	63.7	-	-	67.5	47.4	32.0	48.5	32.8	20.9
137.8	60.6	61.1	61.5	61.3	-	-	61.9	44.3	30.4	44.1	30.4	19.6
150.9	52.5	52.7	53.1	53.6	-	-	55.6	41.7	29.1	40.3	28.2	18.5
157.5	49.1	49.3	49.6	50.0	-	-	52.1	40.5	28.4	38.8	27.3	18.0
164.0	45.6	45.9	46.1	-	-	-	48.7	39.2	27.8	37.3	26.5	17.4
177.2	39.7	39.9	40.1	-	-	-	42.8	37.3	26.9	34.6	24.9	16.5
190.3	34.6	34.8	-	-	-	-	37.7	35.7	26.0	32.2	23.4	15.7
203.4	-	-	-	-	-	-	33.1	34.2	-	30.2	22.3	15.0
216.5	-	-	-	-	-	-	29.3	30.0	-	28.4	21.2	14.6
229.7	-	-	-	-	-	-	25.8	-	-	26.9	20.3	14.1
242.8	-	-	-	-	-	-	-	-	-	24.5	19.4	-
255.9	-	-	-	-	-	-	-	-	-	21.6	18.7	-
269.0	-	-	-	-	-	-	-	-	-	19.2	-	-

	220,500 lb	264,600 lb	352,800 lb
	0 lb	44,100 lb	88,200 lb

SH/LH+LF2, SH/LH SGL_S1+LF2

CC 2400-1

 +  39.4-118.1 ft		 23.8 ft		 32.2 ft/s		360°		75 %					
		196.9 ft											
		SH/LH SGL_S1											
		SH / LH + LF2				+ LF2		SH / LH + LF2					
		39.4 ft						78.7 ft			118.1 ft		
		10°	15°	20°	30°	10°	15°	10°	20°	30°	10°	20°	30°
ft		1,000 lb											
36.1	220.5	-	-	-	-	-	-	-	-	-	-	-	-
39.4	220.5	196.2	-	-	-	-	-	-	-	-	-	-	-
42.7	217.2	196.2	156.5	-	-	-	-	-	-	-	-	-	-
45.9	213.8	194.0	152.1	-	-	-	120.2	-	-	-	-	-	-
49.2	210.5	189.6	147.7	91.3	-	-	120.2	-	-	-	-	-	-
52.5	207.2	183.0	144.4	89.5	-	-	120.2	-	-	-	-	-	-
59.1	188.5	172.0	136.7	86.2	-	-	119.0	75.4	-	72.5	-	-	-
65.6	168.7	162.0	130.1	83.3	-	-	116.8	71.4	-	72.5	-	-	-
72.2	152.1	153.2	124.6	80.7	-	-	109.6	67.9	42.1	72.5	-	-	-
78.7	136.7	137.8	119.0	78.0	-	-	102.5	64.8	40.6	72.3	45.9	-	-
85.3	121.3	122.4	114.6	75.8	-	-	96.6	61.9	39.2	70.1	43.7	-	-
91.9	109.6	110.2	110.0	73.6	-	-	91.1	59.3	37.9	65.9	41.7	-	-
98.4	99.0	99.6	100.5	71.7	-	-	86.2	56.9	36.6	62.2	39.7	24.3	-
111.5	81.8	82.5	83.1	68.1	-	-	77.8	52.7	34.4	55.8	36.4	22.5	-
124.7	68.8	69.4	69.9	65.3	-	-	70.8	48.9	32.6	50.5	33.7	21.2	-
137.8	58.4	59.1	59.5	60.2	-	-	62.2	45.9	31.1	46.1	31.3	19.8	-
150.9	50.3	50.5	50.9	51.6	-	-	53.6	43.2	29.5	42.3	29.1	18.7	-
164.0	43.0	43.4	43.9	44.5	-	-	46.5	40.8	28.4	39.0	27.3	17.6	-
177.2	37.0	37.3	37.7	-	-	-	40.6	38.8	27.3	36.4	25.6	16.8	-
190.3	31.7	32.2	32.4	-	-	-	35.3	36.6	26.5	34.0	24.3	16.1	-
203.4	27.6	27.8	-	-	-	-	30.6	31.7	25.8	31.7	22.9	15.4	-
216.5	23.8	-	-	-	-	-	26.7	27.8	-	28.7	21.8	14.8	-
229.7	-	-	-	-	-	-	23.4	24.0	-	25.1	20.9	14.3	-
242.8	-	-	-	-	-	-	20.3	-	-	22.0	20.1	13.9	-
255.9	-	-	-	-	-	-	-	-	-	19.2	19.4	-	-
269.0	-	-	-	-	-	-	-	-	-	16.8	17.6	-	-
282.2	-	-	-	-	-	-	-	-	-	14.6	-	-	-

	220,500 lb	264,600 lb	352,800 lb
	0 lb	44,100 lb	88,200 lb

SH/LH+LF2, SH/LH SGL_S1+LF2

CC 2400-1

 39.4-118.1 ft  23.8 ft  32.2 ft/s 360° 75 %												
 216.5 ft												
 SH/LH + LF2 SH/LH SGL_S1 + LF2 SH/LH + LF2												
 39.4 ft 78.7 ft 118.1 ft												
 10° 15° 20° 30° 10° 15° 10° 20° 30° 10° 20° 30°												
ft	1,000 lb											
39.4	203.9	-	-	-	235.9	-	-	-	-	-	-	-
42.7	203.9	184.1	-	-	235.9	206.1	-	-	-	-	-	-
45.9	200.6	184.1	154.3	-	231.5	199.5	-	-	-	-	-	-
49.2	198.4	181.9	149.9	-	216.1	192.9	115.7	-	-	-	-	-
52.5	195.1	179.7	146.6	89.9	201.7	187.4	115.7	-	-	-	-	-
59.1	180.8	174.2	140.0	87.1	178.6	176.4	115.7	-	-	70.8	-	-
62.3	170.9	172.0	136.7	85.5	168.7	169.8	115.7	74.1	-	70.8	-	-
65.6	162.0	163.1	133.4	84.2	158.7	160.9	115.7	72.3	-	70.8	-	-
72.2	145.5	146.6	127.9	81.6	143.3	144.4	112.4	69.0	-	70.8	-	-
78.7	132.3	133.4	122.4	79.1	129.0	131.2	106.0	65.9	40.8	70.8	46.1	-
85.3	120.2	121.3	116.8	76.9	117.9	119.0	99.9	63.1	39.5	70.5	44.1	-
91.9	107.4	108.5	109.3	75.0	105.6	106.7	94.6	60.4	38.1	67.9	42.1	-
98.4	96.8	97.7	98.5	73.0	94.8	95.9	89.5	58.2	37.0	64.2	40.3	24.3
111.5	79.6	80.5	81.1	69.4	77.8	78.5	81.1	54.0	34.8	57.8	37.0	22.7
124.7	66.6	67.2	67.9	66.6	64.6	65.3	70.8	50.3	33.1	52.5	34.4	21.2
137.8	56.2	56.9	57.3	58.2	54.2	54.9	60.2	47.2	31.5	47.8	32.0	20.1
150.9	47.6	48.3	48.7	49.6	45.4	45.9	51.6	44.5	30.2	44.1	29.8	19.0
164.0	40.3	40.8	41.2	42.1	37.9	38.6	44.5	42.1	28.9	40.8	28.0	17.9
177.2	34.2	34.6	35.1	35.7	32.0	32.4	38.1	39.9	27.8	37.9	26.5	17.0
190.3	29.1	29.3	29.8	-	26.7	27.1	32.8	34.4	26.9	35.3	24.9	16.3
203.4	24.7	24.9	25.1	-	22.3	22.5	28.2	29.5	26.2	30.6	23.6	15.7
216.5	20.9	21.2	21.4	-	18.5	18.7	24.3	25.4	25.6	26.5	22.5	15.0
229.7	17.6	17.9	-	-	15.2	15.4	20.7	21.8	-	22.9	21.6	14.6
242.8	-	-	-	-	-	-	17.6	18.5	-	19.8	20.7	14.1
255.9	-	-	-	-	-	-	15.0	15.7	-	17.0	18.3	13.9
269.0	-	-	-	-	-	-	12.6	-	-	14.3	15.4	-
282.2	-	-	-	-	-	-	-	-	-	12.1	13.2	-
295.3	-	-	-	-	-	-	-	-	-	10.1	-	-

	220,500 lb	264,600 lb	352,800 lb
	0 lb	44,100 lb	88,200 lb

SH/LH+LF2, SH/LH SGL_S1+LF2

CC 2400-1

 39.4-118.1 ft  23.8 ft  32.2 ft/s 360° 75 %												
 236.2 ft												
 SH/LH SGL_S1												
SH/LH + LF2				+ LF2			SH/LH + LF2					
39.4 ft							78.7 ft			118.1 ft		
10°	15°	20°	30°	10°	15°	10°	20°	30°	10°	20°	30°	
1,000 lb												
ft												
39.4	183.0	-	-	-	220.5	-	-	-	-	-	-	-
42.7	183.0	165.3	-	-	220.5	203.9	-	-	-	-	-	-
45.9	183.0	165.3	151.0	-	220.5	202.8	-	-	-	-	-	-
49.2	179.7	165.3	151.0	-	207.2	196.2	112.4	-	-	-	-	-
52.5	177.5	163.1	148.8	90.4	194.0	190.7	112.4	-	-	-	-	-
59.1	172.0	158.7	142.2	87.5	170.9	173.1	111.3	-	-	-	-	-
62.3	164.2	155.4	138.9	86.2	162.0	163.1	111.3	74.7	-	69.2	-	-
65.6	155.4	153.2	135.6	84.9	152.1	154.3	110.2	73.0	-	69.2	-	-
72.2	140.0	141.1	130.1	82.5	136.7	138.9	107.8	69.7	-	69.2	-	-
78.7	126.8	127.9	124.6	80.0	123.5	125.7	104.5	66.8	40.8	69.2	46.5	-
85.3	114.6	115.7	116.8	78.0	112.4	113.5	101.2	64.2	39.7	69.2	44.3	-
91.9	105.2	106.5	107.6	75.8	102.7	103.8	97.7	61.5	38.4	69.2	42.5	-
98.4	94.6	95.7	96.6	74.1	92.8	93.7	92.8	59.3	37.3	65.9	40.8	24.3
111.5	77.6	78.3	79.1	70.8	75.6	76.5	82.2	55.1	35.3	59.5	37.7	22.7
124.7	64.4	65.0	65.9	67.0	62.4	63.3	68.8	51.6	33.5	54.2	35.1	21.4
137.8	54.0	54.7	55.3	56.2	51.6	52.5	58.2	48.5	32.0	49.6	32.6	20.3
150.9	45.0	45.6	46.3	47.4	42.5	43.4	49.6	45.6	30.6	45.9	30.6	19.2
164.0	37.7	38.1	38.8	39.7	35.3	35.9	42.1	43.2	29.3	42.5	28.7	18.1
177.2	31.5	32.0	32.4	33.3	29.1	29.5	35.7	37.7	28.2	38.6	27.1	17.2
190.3	26.5	26.7	27.1	27.8	23.8	24.3	30.4	32.2	27.3	33.1	25.6	16.5
203.4	21.8	22.3	22.5	-	19.4	19.8	25.8	27.3	26.7	28.2	24.3	15.9
216.5	18.1	18.3	18.5	-	15.7	15.9	21.8	23.1	24.3	24.3	23.1	15.2
229.7	14.8	15.0	15.2	-	12.3	12.6	18.3	19.4	20.3	20.5	22.3	14.8
242.8	11.9	12.1	-	-	9.5	9.7	15.2	16.1	-	17.4	19.2	14.3
255.9	-	-	-	-	-	-	12.3	13.2	-	14.6	16.1	13.9
269.0	-	-	-	-	-	-	9.9	10.8	-	12.1	13.4	13.7
282.2	-	-	-	-	-	-	7.7	-	-	9.7	11.0	-
295.3	-	-	-	-	-	-	-	-	-	7.7	8.8	-
308.4	-	-	-	-	-	-	-	-	-	6.0	6.6	-

	220,500 lb	264,600 lb	352,800 lb
	0 lb	44,100 lb	88,200 lb

SH/LH+LF2, SH/LH SGL_S1+LF2

CC 2400-1

		 39.4-118.1 ft				 23.8 ft		 32.2 ft/s			360°		75 %						
		255.9 ft																	
		SH/LH SGL_S1																	
		SH / LH + LF2				+ LF2		SH / LH + LF2											
		39.4 ft						78.7 ft			118.1 ft								
		10°				15°		20°		30°		10°		15°		20°		30°	
ft		1,000 lb																	
42.7	175.3	-	-	-	-	203.9	-	-	-	-	-	-	-	-	-	-	-	-	-
45.9	175.3	160.9	-	-	-	203.9	189.6	-	-	-	-	-	-	-	-	-	-	-	-
49.2	175.3	160.9	147.7	-	-	198.4	189.6	-	-	-	-	-	-	-	-	-	-	-	-
52.5	174.2	160.9	147.7	-	-	186.3	188.5	108.7	-	-	-	-	-	-	-	-	-	-	-
55.8	172.0	158.7	146.6	89.5	-	175.3	177.5	108.7	-	-	-	-	-	-	-	-	-	-	-
59.1	166.4	156.5	144.4	88.2	-	164.2	166.4	108.7	-	-	-	-	-	-	-	-	-	-	-
62.3	157.6	155.4	141.1	86.9	-	155.4	157.6	108.2	-	-	64.6	-	-	-	-	-	-	-	-
65.6	148.8	149.9	137.8	85.5	-	146.6	148.8	108.0	73.6	-	64.6	-	-	-	-	-	-	-	-
72.2	133.4	135.6	132.3	83.1	-	132.3	133.4	107.4	70.5	-	64.6	-	-	-	-	-	-	-	-
78.7	121.3	122.4	123.5	80.9	-	119.0	120.2	104.7	67.7	41.0	64.6	-	-	-	-	-	-	-	-
85.3	110.2	111.3	112.4	78.7	-	108.2	109.6	102.1	65.0	39.7	64.6	44.8	-	-	-	-	-	-	-
91.9	100.5	101.6	103.0	76.9	-	98.5	99.9	99.9	62.6	38.6	64.6	43.0	-	-	-	-	-	-	-
98.4	91.9	93.0	94.1	75.0	-	89.9	91.1	92.8	60.2	37.5	64.6	41.2	24.3	-	-	-	-	-	-
111.5	75.4	76.3	77.2	71.7	-	73.9	74.7	78.9	56.2	35.7	61.3	38.1	22.7	-	-	-	-	-	-
124.7	62.2	63.1	63.7	65.0	-	60.6	61.5	66.8	52.7	34.0	56.0	35.5	21.6	-	-	-	-	-	-
137.8	51.4	52.2	52.9	54.2	-	49.6	50.3	56.2	49.6	32.4	51.4	33.3	20.3	-	-	-	-	-	-
150.9	42.3	43.2	43.9	45.0	-	40.6	41.2	47.4	47.0	31.1	47.4	31.1	19.2	-	-	-	-	-	-
164.0	35.1	35.7	36.2	37.3	-	33.1	33.7	39.7	42.1	29.8	42.8	29.3	18.3	-	-	-	-	-	-
177.2	28.9	29.3	30.0	30.9	-	26.9	27.6	33.5	35.5	28.7	36.4	27.8	17.4	-	-	-	-	-	-
190.3	23.6	24.0	24.5	25.4	-	21.8	22.3	28.0	30.0	27.8	30.9	26.2	16.8	-	-	-	-	-	-
203.4	19.2	19.6	19.8	20.5	-	17.2	17.6	23.4	25.1	26.5	26.0	24.9	16.1	-	-	-	-	-	-
216.5	15.2	15.7	15.9	-	-	13.4	13.7	19.4	20.7	22.0	21.8	23.8	15.4	-	-	-	-	-	-
229.7	11.9	12.1	12.6	-	-	9.9	10.4	15.7	17.2	18.3	18.3	20.5	15.0	-	-	-	-	-	-
242.8	9.0	9.3	9.5	-	-	7.1	7.3	12.6	13.9	14.8	15.0	17.0	14.6	-	-	-	-	-	-
255.9	6.4	6.6	-	-	-	-	-	9.9	10.8	-	12.1	13.9	14.1	-	-	-	-	-	-
269.0	-	-	-	-	-	-	-	7.5	8.4	-	9.7	11.2	12.6	-	-	-	-	-	-
282.2	-	-	-	-	-	-	-	-	6.0	-	7.3	8.8	9.9	-	-	-	-	-	-
295.3	-	-	-	-	-	-	-	-	-	-	-	6.6	-	-	-	-	-	-	-

	220,500 lb	264,600 lb	352,800 lb
	0 lb	44,100 lb	88,200 lb

SH/LH+LF2, SH/LH SGL_S1+LF2

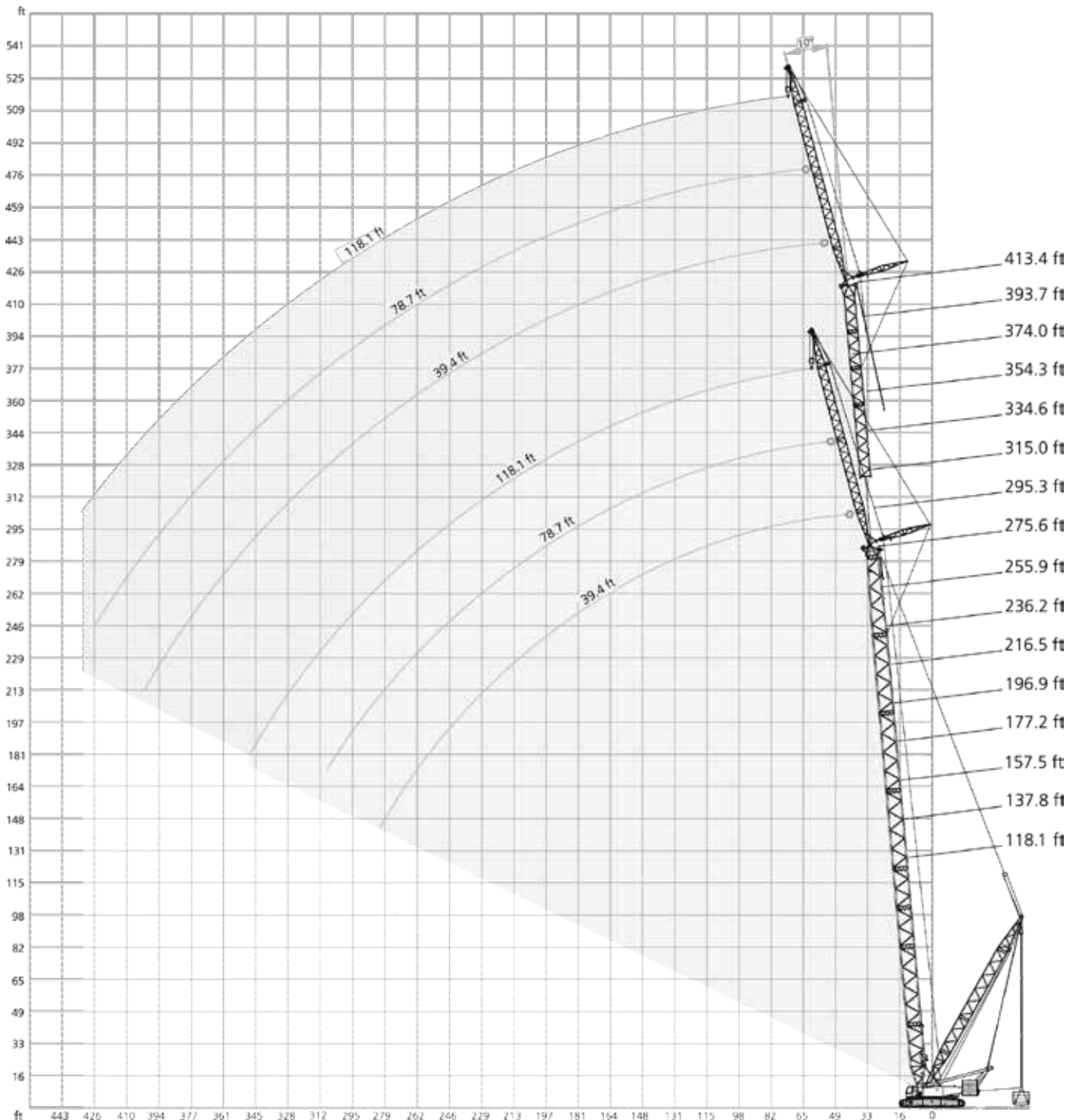
CC 2400-1

 + 		 39.4-118.1 ft				 23.8 ft		 32.2 ft/s			360°		75 %
		275.6 ft											
		SH / LH + LF2				SH/LH SGL_S1 + LF2		SH / LH + LF2					
		39.4 ft						78.7 ft			118.1 ft		
		10°	15°	20°	30°	10°	15°	10°	20°	30°	10°	20°	30°
ft		1,000 lb											
42.7	140.0	-	-	-	180.8	-	-	-	-	-	-	-	-
45.9	140.0	126.8	-	-	180.8	169.8	-	-	-	-	-	-	-
49.2	140.0	126.8	114.6	-	180.8	169.8	-	-	-	-	-	-	-
52.5	138.9	126.8	114.6	-	178.6	169.8	-	-	-	-	-	-	-
55.8	136.7	124.6	114.6	89.7	167.6	169.8	86.4	-	-	-	-	-	-
59.1	134.5	122.4	113.5	88.4	157.6	159.8	86.4	-	-	-	-	-	-
65.6	130.1	119.0	110.2	86.0	140.0	142.2	85.1	65.7	-	59.1	-	-	-
72.2	126.8	116.8	108.2	83.8	125.7	127.9	82.7	65.7	-	59.1	-	-	-
78.7	116.8	113.5	105.8	81.6	113.5	114.6	80.2	64.8	41.0	57.5	-	-	-
85.3	106.5	107.8	103.4	79.6	103.2	104.7	77.8	63.5	39.9	56.0	43.9	-	-
91.9	97.0	98.3	99.4	77.6	93.7	95.0	75.6	62.2	38.8	54.5	43.2	-	-
98.4	88.6	89.9	91.1	75.8	85.3	86.6	73.6	60.8	37.7	53.1	41.7	-	-
105.0	81.5	82.6	83.6	74.2	78.4	79.6	71.8	59.1	36.8	51.8	40.1	23.6	-
111.5	74.3	75.2	76.1	72.5	71.4	72.5	69.9	57.3	35.9	50.5	38.6	22.9	-
124.7	61.1	61.9	62.6	64.2	58.0	59.1	65.0	53.8	34.2	47.8	36.2	21.6	-
137.8	49.8	50.7	51.6	53.1	47.0	47.8	55.1	50.7	32.6	45.4	33.7	20.5	-
150.9	41.0	41.7	42.3	43.7	37.9	38.8	46.1	48.1	31.3	43.7	31.7	19.4	-
164.0	33.5	34.2	34.8	35.9	30.4	31.3	38.4	41.0	30.2	41.4	30.0	18.5	-
177.2	27.3	28.0	28.4	29.3	24.3	24.9	32.0	34.2	29.1	35.1	28.4	17.6	-
190.3	22.0	22.7	23.1	23.8	19.0	19.6	26.7	28.7	28.2	29.5	26.9	17.0	-
203.4	17.6	18.1	18.5	19.2	14.6	15.0	21.8	23.8	25.4	24.7	25.6	16.3	-
216.5	13.7	14.1	14.6	15.0	10.6	11.0	17.9	19.4	20.9	20.5	22.9	15.7	-
229.7	10.4	10.6	11.0	-	7.3	7.5	14.3	15.7	17.0	16.8	19.2	15.2	-
242.8	7.3	7.7	7.9	-	-	-	11.2	12.6	13.7	13.7	15.7	14.6	-
255.9	-	-	-	-	-	-	8.4	9.5	10.6	10.8	12.6	14.3	-
269.0	-	-	-	-	-	-	6.0	6.8	-	8.2	9.9	11.5	-
282.2	-	-	-	-	-	-	-	-	-	6.0	7.5	8.8	-
295.3	-	-	-	-	-	-	-	-	-	-	-	6.4	-

	220,500 lb	264,600 lb	352,800 lb
	0 lb	44,100 lb	88,200 lb

SSL+LF2, SSL/LSL+LF2, SSL/LSL SGL_S1+LF2

CC 2400-1



 352,800 lb +  88,200 lb										 29.5-49.2 ft			 23.8 ft		 32.2 ft/s			360°		75%	
  	118.1 ft										137.8 ft										
	39.4 ft			78.7 ft			118.1 ft			39.4 ft			78.7 ft			118.1 ft					
	10°	15°	20°	10°	20°	30°	10°	20°	30°	10°	15°	20°	10°	20°	30°	10°	20°	30°			
ft		1,000 lb																			
29.5	257.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
32.8	257.9	238.1	-	-	-	-	-	-	-	257.9	-	-	-	-	-	-	-	-	-		
36.1	257.9	224.9	174.2	-	-	-	-	-	-	257.9	231.5	178.6	-	-	-	-	-	-	-		
39.4	257.9	212.7	166.4	142.2	-	-	-	-	-	257.9	220.5	170.9	-	-	-	-	-	-	-		
42.7	253.5	201.7	158.7	142.2	-	-	-	-	-	257.9	210.5	164.2	142.2	-	-	-	-	-	-		
45.9	238.1	191.8	152.1	141.1	-	-	-	-	-	255.7	200.6	157.6	141.1	-	-	-	-	-	-		
49.2	224.9	181.9	146.6	136.7	-	-	84.7	-	-	240.3	191.8	152.1	140.0	-	-	-	-	-	-		
52.5	213.8	174.2	141.1	130.1	83.6	-	84.7	-	-	229.3	184.1	146.6	135.6	-	-	84.0	-	-	-		
55.8	203.9	166.4	135.6	123.5	80.5	-	84.0	-	-	218.3	176.4	141.1	129.0	82.0	-	84.0	-	-	-		
59.1	194.0	159.8	131.2	116.8	77.4	-	83.3	-	-	208.3	169.8	136.7	123.5	79.1	-	83.3	-	-	-		
65.6	176.4	147.7	122.4	106.7	71.9	52.0	81.1	-	-	190.7	157.6	129.0	112.4	74.1	52.7	82.0	-	-	-		
72.2	163.1	137.8	114.6	97.9	67.2	49.2	75.2	50.5	-	176.4	146.6	121.3	103.8	69.4	50.0	78.7	51.4	-	-		
78.7	151.0	129.0	108.9	90.2	63.1	46.7	69.2	47.2	-	163.1	137.8	114.6	96.1	65.5	47.6	72.5	48.3	-	-		
85.3	140.0	121.3	103.2	83.8	59.5	44.3	63.9	44.3	-	153.2	130.1	109.3	89.3	61.9	45.4	67.2	45.4	-	-		
91.9	131.2	113.5	98.3	78.0	56.2	42.3	59.3	41.7	30.4	143.3	122.4	104.3	83.6	58.6	43.4	62.6	42.8	30.6	-		
98.4	123.5	108.5	93.7	73.2	53.4	40.3	55.3	39.2	28.9	134.5	116.8	99.6	78.3	55.8	41.7	58.6	40.6	29.3	-		
111.5	110.2	98.5	86.2	64.8	48.3	37.3	48.7	35.3	26.2	121.3	106.0	91.7	69.7	50.7	38.6	51.8	36.6	26.7	-		
124.7	100.8	90.4	80.2	58.2	44.3	34.6	43.4	32.0	23.8	110.0	97.4	85.3	62.8	46.7	35.9	46.3	33.3	24.5	-		
137.8	92.6	84.2	75.8	52.9	41.0	32.4	39.0	29.1	22.0	101.0	90.6	80.2	57.1	43.2	33.7	41.7	30.4	22.7	-		
144.4	89.1	81.8	-	50.7	39.5	31.5	37.3	28.0	21.2	97.0	87.5	78.0	54.7	41.7	32.6	39.7	29.3	21.8	-		
150.9	-	-	-	48.5	38.1	30.6	35.5	26.9	20.5	93.7	84.9	76.1	52.2	40.3	32.0	37.9	28.0	21.2	-		
157.5	-	-	-	46.5	37.0	30.0	34.0	25.8	19.8	90.6	82.7	74.5	50.3	39.0	31.1	36.4	27.1	20.5	-		
164.0	-	-	-	44.8	35.9	29.3	32.4	24.9	19.2	87.7	80.7	-	48.5	37.9	30.4	34.8	26.0	19.8	-		
177.2	-	-	-	41.9	34.2	-	30.0	23.1	18.1	-	-	-	45.2	35.9	29.1	32.0	24.3	18.7	-		
190.3	-	-	-	-	-	-	27.8	21.8	17.2	-	-	-	42.3	34.4	-	29.8	22.9	17.6	-		
203.4	-	-	-	-	-	-	26.0	20.5	16.3	-	-	-	-	-	-	27.8	21.6	17.0	-		
216.5	-	-	-	-	-	-	24.5	19.6	-	-	-	-	-	-	-	26.0	20.5	16.3	-		
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.7	19.6	-	-		



352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° 75%																																			
157.5 ft										177.2 ft																									
39.4 ft					78.7 ft					118.1 ft					39.4 ft					78.7 ft					118.1 ft										
10°			15°			20°			10°			20°			30°			10°			20°			30°			10°			20°			30°		
ft 1,000 lb																																			
32.8	257.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
36.1	257.9	229.3	-	-	-	-	-	-	-	-	257.9	-	-	-	-	-	-	-	-																
39.4	257.9	227.1	174.2	-	-	-	-	-	-	-	257.9	233.7	-	-	-	-	-	-	-																
42.7	257.9	218.3	167.6	140.0	-	-	-	-	-	-	257.9	224.9	172.0	-	-	-	-	-	-																
45.9	257.9	208.3	162.0	140.0	-	-	-	-	-	-	257.9	216.1	165.3	137.8	-	-	-	-	-																
52.5	242.5	191.8	151.0	137.8	-	-	83.1	-	-	-	255.7	199.5	155.4	136.7	-	-	-	-	-																
55.8	231.5	185.2	146.6	134.5	83.6	-	83.1	-	-	-	244.7	191.8	151.0	136.7	-	-	82.2	-	-																
59.1	222.7	177.5	142.2	129.0	80.7	-	82.9	-	-	-	233.7	185.2	146.6	133.4	82.2	-	82.2	-	-																
65.6	203.9	165.3	133.4	117.9	75.8	-	82.0	-	-	-	216.1	173.1	138.9	123.5	77.4	-	81.6	-	-																
72.2	188.5	155.4	126.8	109.3	71.4	50.7	79.8	52.2	-	-	200.6	163.1	131.2	113.5	73.2	51.4	80.5	-	-																
78.7	175.3	145.5	120.2	101.4	67.5	48.5	75.6	49.2	-	-	187.4	153.2	124.6	106.5	69.2	49.2	78.3	49.8	-																
85.3	164.2	137.8	114.6	94.6	63.9	46.3	70.3	46.3	-	-	175.3	145.5	119.0	99.4	65.9	47.2	73.2	47.2	-																
91.9	154.3	130.1	109.6	88.6	60.8	44.5	65.7	43.9	31.1	-	165.3	137.8	113.5	93.3	62.8	45.2	68.6	44.8	31.3																
98.4	145.5	123.5	104.9	83.3	58.0	42.8	61.5	41.7	29.5	-	155.4	131.2	109.6	88.0	60.0	43.7	64.4	42.5	30.0																
111.5	130.1	112.4	96.8	74.3	52.9	39.7	54.5	37.7	27.1	-	140.0	120.2	101.4	78.7	54.9	40.6	57.1	38.8	27.6																
124.7	119.0	104.3	90.2	67.0	48.9	37.0	48.9	34.4	25.1	-	127.9	110.2	94.6	71.2	50.7	38.1	51.4	35.5	25.6																
137.8	109.3	96.8	84.7	61.1	45.4	34.8	44.3	31.7	23.4	-	116.8	102.7	88.8	64.8	47.2	35.9	46.5	32.8	23.8																
150.9	101.2	90.6	80.0	56.0	42.3	32.8	40.3	29.3	21.8	-	108.7	96.1	84.0	59.7	44.3	34.0	42.5	30.4	22.3																
164.0	94.4	85.5	76.3	51.8	39.9	31.3	37.0	27.1	20.5	-	101.2	90.4	79.8	55.3	41.7	32.4	39.0	28.2	20.9																
177.2	89.1	81.4	-	48.3	37.7	30.0	34.2	25.4	19.2	-	95.0	85.8	76.5	51.4	39.5	30.9	36.2	26.5	19.8																
190.3	-	-	-	45.2	35.9	29.1	31.7	24.0	18.3	-	89.9	82.0	73.9	48.3	37.5	29.8	33.5	24.9	18.7																
203.4	-	-	-	42.8	34.4	-	29.5	22.5	17.4	-	-	-	-	45.4	35.9	28.9	31.3	23.6	17.9																
216.5	-	-	-	40.6	-	-	27.8	21.4	16.8	-	-	-	-	43.0	34.4	-	29.5	22.3	17.2																
229.7	-	-	-	-	-	-	26.2	20.5	16.1	-	-	-	-	41.0	-	-	27.8	21.4	16.5																
242.8	-	-	-	-	-	-	24.9	19.6	-	-	-	-	-	-	-	-	26.2	20.5	16.1																
255.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.9	19.6	-																
269.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.8	-	-																



 352,800 lb +  88,200 lb		 29.5-49.2 ft		 23.8 ft		 32.2 ft/s		360°		75%											
		196.9 ft									216.5 ft										
		39.4 ft			78.7 ft			118.1 ft			39.4 ft			78.7 ft			118.1 ft				
		10°	15°	20°	10°	20°	30°	10°	20°	30°	10°	15°	20°	10°	20°	30°	10°	20°	30°		
ft		1,000 lb																			
36.1	257.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	257.9	229.3	-	-	-	-	-	-	-	-	257.9	-	-	-	-	-	-	-	-	-	-
42.7	257.9	229.3	174.2	-	-	-	-	-	-	-	257.9	224.9	-	-	-	-	-	-	-	-	-
45.9	257.9	220.5	168.7	135.6	-	-	-	-	-	-	257.9	224.9	172.0	-	-	-	-	-	-	-	-
49.2	257.9	213.8	164.2	135.6	-	-	-	-	-	-	257.9	218.3	166.4	130.1	-	-	-	-	-	-	-
52.5	257.9	206.1	158.7	135.6	-	-	-	-	-	-	257.9	211.6	162.0	130.1	-	-	-	-	-	-	-
55.8	253.5	198.4	154.3	134.5	-	-	81.1	-	-	-	257.9	205.0	157.6	129.0	-	-	-	-	-	-	-
59.1	244.7	191.8	149.9	134.5	83.3	-	81.1	-	-	-	251.3	198.4	154.3	129.0	-	-	79.4	-	-	-	-
62.3	235.9	186.3	146.6	131.2	80.9	-	80.9	-	-	-	242.5	191.8	149.9	129.0	82.0	-	79.4	-	-	-	-
65.6	227.1	180.8	142.2	127.9	78.7	-	80.7	-	-	-	235.9	186.3	146.6	126.8	79.8	-	79.1	-	-	-	-
72.2	211.6	169.8	135.6	119.0	74.5	51.8	80.2	-	-	-	220.5	176.4	138.9	122.4	75.8	52.2	78.9	-	-	-	-
78.7	197.3	159.8	129.0	110.2	71.0	49.6	78.5	50.5	-	-	207.2	166.4	133.4	114.6	72.3	50.3	78.3	51.1	-	-	-
85.3	185.2	152.1	123.5	104.1	67.5	47.8	75.8	47.8	-	-	195.1	158.7	127.9	108.5	69.0	48.3	76.7	48.5	-	-	-
91.9	175.3	144.4	117.9	97.9	64.4	46.1	71.2	45.6	-	-	184.1	151.0	122.4	102.1	66.1	46.5	73.6	46.3	-	-	-
98.4	165.3	137.8	113.5	92.2	61.7	44.3	66.8	43.4	30.2	-	174.2	143.3	117.9	96.3	63.3	45.0	69.4	44.3	30.4	-	-
111.5	148.8	125.7	105.8	82.7	56.9	41.4	59.7	39.7	28.0	-	157.6	132.3	109.8	86.6	58.4	42.1	62.2	40.6	28.2	-	-
124.7	135.6	115.7	98.8	75.0	52.7	39.0	53.8	36.6	26.0	-	143.3	122.4	102.5	78.7	54.2	39.7	56.0	37.5	26.2	-	-
137.8	124.6	108.5	92.8	68.6	49.2	36.8	48.9	33.7	24.3	-	132.3	113.5	96.6	72.1	50.7	37.5	51.1	34.6	24.7	-	-
150.9	115.7	101.4	87.7	63.1	46.1	34.8	44.8	31.3	22.7	-	122.4	106.5	91.3	66.4	47.6	35.7	46.7	32.2	23.1	-	-
164.0	108.0	95.5	83.3	58.4	43.2	33.3	41.2	29.3	21.4	-	114.6	100.3	86.6	61.7	45.0	34.0	43.2	30.2	21.8	-	-
177.2	101.4	90.4	79.6	54.5	41.0	31.7	38.1	27.6	20.3	-	107.6	95.0	82.9	57.5	42.5	32.6	39.9	28.4	20.7	-	-
190.3	95.7	86.2	76.7	51.1	39.0	30.6	35.5	25.8	19.2	-	101.4	90.4	79.6	53.8	40.3	31.3	37.3	26.7	19.6	-	-
203.4	90.8	82.5	74.3	48.1	37.3	29.5	33.1	24.5	18.3	-	96.1	86.2	76.7	50.7	38.6	30.2	34.8	25.4	18.7	-	-
216.5	-	79.6	-	45.4	35.7	28.7	31.1	23.1	17.6	-	91.5	82.9	74.3	47.8	37.0	29.3	32.6	24.0	18.1	-	-
229.7	-	-	-	43.2	34.6	-	29.3	22.0	17.0	-	86.6	80.2	-	45.4	35.7	28.7	30.9	22.9	17.4	-	-
242.8	-	-	-	41.2	33.5	-	27.8	21.2	16.3	-	-	-	-	43.4	34.4	-	29.1	21.8	16.8	-	-
255.9	-	-	-	-	-	-	26.2	20.3	15.9	-	-	-	-	41.4	33.5	-	27.6	21.2	16.3	-	-
269.0	-	-	-	-	-	-	25.1	19.6	-	-	-	-	-	39.9	-	-	26.5	20.3	15.9	-	-
282.2	-	-	-	-	-	-	24.0	19.2	-	-	-	-	-	-	-	-	25.1	19.6	-	-	-
295.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.3	19.2	-	-	-

	0 lb	88,200 lb	176,400 lb	264,600 lb	352,800 lb
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 352,800 lb +  88,200 lb		 29.5-49.2 ft		 23.8 ft		 32.2 ft/s		360°		75%																									
236.2 ft										255.9 ft																									
39.4 ft					78.7 ft					118.1 ft					39.4 ft					78.7 ft					118.1 ft										
10°			15°			20°			10°			20°			30°			10°			20°			30°			10°			20°			30°		
ft		1,000 lb																																	
39.4	257.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
42.7	257.9	229.3	-	-	-	-	-	-	-	-	257.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
45.9	257.9	229.3	174.2	-	-	-	-	-	-	-	257.9	222.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
49.2	257.9	222.7	169.8	126.8	-	-	-	-	-	-	257.9	222.7	172.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
52.5	257.9	216.1	165.3	126.8	-	-	-	-	-	-	257.9	218.3	167.6	122.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
59.1	257.9	203.9	156.5	126.8	-	-	77.6	-	-	-	257.9	207.2	159.8	122.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
62.3	249.1	198.4	153.2	126.8	83.1	-	77.6	-	-	-	253.5	201.7	156.5	122.4	-	-	-	75.4	-	-	-	-	-	-	-	-	-	-	-	-					
65.6	242.5	191.8	149.9	126.8	80.9	-	77.6	-	-	-	246.9	197.3	152.1	122.4	81.8	-	-	75.4	-	-	-	-	-	-	-	-	-	-	-	-					
72.2	229.3	181.9	143.3	122.4	77.2	-	77.6	-	-	-	233.7	187.4	145.5	121.3	78.0	-	-	75.4	-	-	-	-	-	-	-	-	-	-	-	-					
78.7	217.2	172.0	136.7	119.0	73.6	50.5	77.4	51.6	-	-	222.7	177.5	140.0	117.9	74.7	50.9	75.4	-	-	-	-	-	-	-	-	-	-	-	-	-					
85.3	205.0	164.2	131.2	112.4	70.3	48.7	76.3	49.2	-	-	212.7	169.8	134.5	115.7	71.7	49.2	75.2	49.8	-	-	-	-	-	-	-	-	-	-	-	-					
91.9	192.9	156.5	125.7	106.0	67.5	47.2	75.2	47.0	-	-	201.7	162.0	129.0	109.8	68.8	47.6	74.5	47.6	-	-	-	-	-	-	-	-	-	-	-	-					
98.4	183.0	149.9	121.3	100.3	64.8	45.6	71.7	45.0	30.6	-	191.8	154.3	124.6	104.1	66.1	46.1	73.9	45.6	30.6	-	-	-	-	-	-	-	-	-	-	-					
111.5	165.3	137.8	112.4	90.4	60.0	42.8	64.4	41.4	28.4	-	173.1	142.2	116.8	94.1	61.3	43.4	66.6	42.1	28.7	-	-	-	-	-	-	-	-	-	-	-					
124.7	151.0	126.8	106.3	82.2	55.8	40.6	58.2	38.1	26.7	-	158.7	132.3	109.6	85.8	57.3	41.0	60.4	39.0	26.9	-	-	-	-	-	-	-	-	-	-	-					
137.8	138.9	117.9	100.1	75.4	52.2	38.4	53.1	35.5	24.9	-	146.6	123.5	103.4	78.7	53.6	39.0	55.1	36.4	25.4	-	-	-	-	-	-	-	-	-	-	-					
150.9	129.0	111.3	94.6	69.7	49.2	36.4	48.7	33.1	23.6	-	135.6	115.7	97.9	72.8	50.5	37.3	50.7	34.0	23.8	-	-	-	-	-	-	-	-	-	-	-					
164.0	120.2	104.9	89.9	64.6	46.3	34.8	45.0	31.1	22.3	-	126.8	109.3	93.0	67.7	47.8	35.5	47.0	32.0	22.7	-	-	-	-	-	-	-	-	-	-	-					
177.2	113.5	99.4	86.0	60.4	43.9	33.3	41.9	29.3	21.2	-	119.0	103.6	88.8	63.1	45.4	34.0	43.7	30.0	21.6	-	-	-	-	-	-	-	-	-	-	-					
190.3	106.9	94.4	82.5	56.7	41.9	32.0	39.0	27.6	20.1	-	112.4	98.5	85.1	59.3	43.2	32.6	40.6	28.4	20.5	-	-	-	-	-	-	-	-	-	-	-					
203.4	101.4	90.2	79.4	53.4	39.9	30.9	36.4	26.2	19.2	-	102.5	93.9	82.0	55.8	41.2	31.5	38.1	26.9	19.6	-	-	-	-	-	-	-	-	-	-	-					
216.5	94.8	86.4	76.7	50.3	38.4	30.0	34.2	24.9	18.5	-	93.5	89.9	79.1	52.7	39.5	30.6	35.7	25.6	18.7	-	-	-	-	-	-	-	-	-	-	-					
229.7	86.4	82.7	74.5	47.8	36.8	29.1	32.2	23.6	17.6	-	85.5	83.8	76.7	50.0	37.9	29.8	33.7	24.5	18.1	-	-	-	-	-	-	-	-	-	-	-					
242.8	78.3	76.7	-	45.6	35.5	28.4	30.6	22.7	17.0	-	78.5	77.2	73.4	47.6	36.6	28.9	32.0	23.4	17.4	-	-	-	-	-	-	-	-	-	-	-					
255.9	-	-	-	43.4	34.4	-	28.9	21.8	16.5	-	71.7	70.5	-	45.6	35.5	28.2	30.2	22.5	16.8	-	-	-	-	-	-	-	-	-	-	-					
269.0	-	-	-	41.9	33.5	-	27.6	20.9	16.1	-	-	-	-	43.7	34.4	-	28.9	21.6	16.3	-	-	-	-	-	-	-	-	-	-	-					
282.2	-	-	-	40.3	-	-	26.5	20.3	15.7	-	-	-	-	41.9	33.5	-	27.6	20.7	15.9	-	-	-	-	-	-	-	-	-	-	-					
295.3	-	-	-	-	-	-	25.4	19.6	-	-	-	-	-	40.6	-	-	26.5	20.1	15.7	-	-	-	-	-	-	-	-	-	-	-					
308.4	-	-	-	-	-	-	24.3	19.2	-	-	-	-	-	-	-	-	25.4	19.6	-	-	-	-	-	-	-	-	-	-	-	-					
321.5	-	-	-	-	-	-	23.6	-	-	-	-	-	-	-	-	-	24.5	19.2	-	-	-	-	-	-	-	-	-	-	-	-					
334.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.6	-	-	-	-	-	-	-	-	-	-	-	-	-					



352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° 75%																							
275.6 ft												295.3 ft											
39.4 ft				78.7 ft				118.1 ft				39.4 ft				78.7 ft				118.1 ft			
10°		15°	20°	10°		20°	30°	10°		20°	30°	10°		15°	20°	10°		20°	30°	10°		20°	30°
ft 1,000 lb																							
42.7	246.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45.9	246.9	218.3	-	-	-	-	-	-	-	-	-	212.7	-	-	-	-	-	-	-	-	-	-	-
49.2	244.7	218.3	174.2	-	-	-	-	-	-	-	-	212.7	200.6	-	-	-	-	-	-	-	-	-	-
52.5	244.7	218.3	169.8	117.9	-	-	-	-	-	-	-	212.7	200.6	172.0	-	-	-	-	-	-	-	-	-
55.8	244.7	213.8	166.4	117.9	-	-	-	-	-	-	-	212.7	200.6	167.6	111.3	-	-	-	-	-	-	-	-
59.1	244.7	208.3	162.0	117.9	-	-	-	-	-	-	-	212.7	199.5	164.2	111.3	-	-	-	-	-	-	-	-
62.3	242.5	203.9	158.7	117.9	-	-	-	73.2	-	-	-	212.7	198.4	160.9	111.3	-	-	-	-	-	-	-	-
65.6	240.3	199.5	155.4	117.9	82.7	-	-	73.2	-	-	-	211.6	198.4	157.6	111.3	-	-	-	70.1	-	-	-	-
72.2	233.7	190.7	148.8	117.9	79.1	-	-	73.2	-	-	-	210.5	191.8	151.0	111.3	80.0	-	-	70.1	-	-	-	-
78.7	227.1	183.0	143.3	116.8	75.8	51.1	-	73.2	-	-	-	209.4	184.1	145.5	111.3	76.7	51.4	-	70.1	-	-	-	-
85.3	217.2	174.2	137.8	115.7	72.8	49.6	-	73.2	50.3	-	-	205.0	177.5	140.0	111.3	73.6	49.8	-	70.1	50.7	-	-	-
91.9	207.2	166.4	132.3	112.4	69.9	48.1	-	73.2	48.1	-	-	199.5	172.0	135.6	111.3	71.0	48.5	-	70.1	48.5	-	-	-
98.4	198.4	159.8	127.9	107.6	67.2	46.5	-	73.2	46.1	-	-	195.1	164.2	130.1	108.2	68.3	47.0	-	70.1	46.7	-	-	-
105.0	189.6	153.2	123.5	102.3	64.8	45.2	-	71.2	44.3	29.8	-	189.6	157.6	126.8	104.3	66.1	45.6	-	69.2	45.0	30.0	-	-
111.5	180.8	147.7	119.0	97.4	62.6	44.1	-	68.6	42.8	28.9	-	185.2	152.1	122.4	100.5	63.7	44.5	-	68.3	43.2	29.1	-	-
124.7	166.4	136.7	112.4	89.1	58.6	41.7	-	62.4	39.7	27.1	-	170.9	141.1	114.6	92.2	59.7	42.1	-	63.9	40.3	27.3	-	-
137.8	153.2	127.9	106.5	81.8	54.9	39.7	-	57.1	37.0	25.6	-	156.5	132.3	109.3	84.9	56.2	40.1	-	58.9	37.7	25.8	-	-
150.9	142.2	120.2	101.0	75.8	51.8	37.7	-	52.5	34.6	24.3	-	143.3	124.6	103.8	78.7	53.1	38.4	-	54.5	35.5	24.5	-	-
164.0	130.1	113.5	95.9	70.5	49.2	36.2	-	48.7	32.6	22.9	-	129.0	117.9	98.8	73.2	50.3	36.8	-	50.5	33.3	23.1	-	-
177.2	116.8	107.8	91.7	65.9	46.5	34.6	-	45.2	30.9	21.8	-	114.6	108.9	94.4	68.6	47.8	35.3	-	47.0	31.5	22.0	-	-
190.3	106.7	102.5	88.0	61.7	44.3	33.3	-	42.3	29.1	20.7	-	101.0	99.9	90.4	64.4	45.6	34.0	-	43.9	29.8	21.2	-	-
203.4	99.4	97.7	84.4	58.2	42.3	32.2	-	39.7	27.6	19.8	-	92.4	92.4	87.1	60.6	43.7	32.8	-	41.2	28.2	20.3	-	-
216.5	91.3	91.7	81.6	55.1	40.6	31.1	-	37.3	26.2	19.2	-	86.0	86.0	83.8	57.3	41.7	31.7	-	38.8	26.9	19.4	-	-
229.7	83.3	83.8	78.9	52.2	39.0	30.2	-	35.3	25.1	18.3	-	79.6	79.6	80.0	54.5	40.1	30.6	-	36.6	25.8	18.7	-	-
242.8	76.3	76.5	73.4	49.8	37.7	29.3	-	33.3	24.0	17.6	-	73.2	73.4	73.6	51.8	38.8	30.0	-	34.6	24.7	18.1	-	-
255.9	70.1	70.3	67.7	47.6	36.4	28.7	-	31.5	22.9	17.2	-	66.8	67.0	67.5	49.6	37.5	29.1	-	32.8	23.6	17.4	-	-
269.0	63.3	63.9	61.9	45.4	35.3	28.2	-	30.0	22.0	16.5	-	60.4	60.6	61.1	47.4	36.2	28.4	-	31.3	22.7	17.0	-	-
282.2	56.0	56.7	-	43.7	34.4	-	-	28.7	21.4	16.1	-	54.0	54.2	54.7	45.4	35.3	28.0	-	29.8	21.8	16.3	-	-
295.3	-	-	-	42.1	33.5	-	-	27.6	20.7	15.9	-	47.6	48.1	-	43.9	34.4	-	-	28.7	21.2	16.1	-	-
308.4	-	-	-	40.8	32.8	-	-	26.5	20.1	15.4	-	-	-	-	42.3	33.5	-	-	27.3	20.5	15.7	-	-
321.5	-	-	-	-	-	-	-	25.4	19.6	-	-	-	-	-	40.1	32.8	-	-	26.2	19.8	15.4	-	-
334.6	-	-	-	-	-	-	-	24.5	19.2	-	-	-	-	-	37.5	-	-	-	25.4	19.4	-	-	-
347.8	-	-	-	-	-	-	-	23.8	18.7	-	-	-	-	-	-	-	-	-	24.5	19.0	-	-	-
360.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.8	18.7	-	-	-
374.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.1	-	-	-	-



352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° 75%											
315.0 ft 39.4 ft 78.7 ft 118.1 ft 10° 15° 20° 10° 20° 30° 10° 20° 30°											
ft	1,000 lb										
45.9	190.7	-	-	-	-	-	-	-	-	-	-
49.2	190.7	181.9	-	-	-	-	-	-	-	-	-
52.5	190.7	181.9	168.7	-	-	-	-	-	-	-	-
55.8	190.7	181.9	168.7	106.9	-	-	-	-	-	-	-
59.1	190.7	181.9	166.4	106.9	-	-	-	-	-	-	-
65.6	189.6	180.8	159.8	106.9	-	-	65.3	-	-	-	-
72.2	187.4	179.7	153.2	106.9	80.7	-	65.3	-	-	-	-
78.7	186.3	177.5	147.7	106.9	77.6	-	65.3	-	-	-	-
85.3	184.1	175.3	142.2	106.9	74.7	50.0	65.3	50.9	-	-	-
91.9	180.8	170.9	137.8	106.9	71.9	48.7	65.3	48.9	-	-	-
98.4	177.5	165.3	133.4	106.0	69.4	47.4	65.3	47.2	-	-	-
105.0	174.2	160.9	129.0	103.0	67.0	46.1	65.3	45.4	30.0	-	-
111.5	170.9	155.4	124.6	99.9	64.8	45.0	65.0	43.9	29.1	-	-
124.7	160.9	145.5	117.9	93.5	60.8	42.5	62.6	41.0	27.6	-	-
137.8	148.8	136.7	111.3	87.7	57.3	40.6	60.2	38.4	26.0	-	-
150.9	136.7	126.8	106.5	81.4	54.2	38.8	56.0	35.9	24.7	-	-
164.0	124.6	117.9	101.4	75.8	51.4	37.3	52.0	34.0	23.6	-	-
177.2	112.4	108.5	97.0	71.0	48.9	35.7	48.5	32.2	22.5	-	-
190.3	101.0	98.8	93.0	66.8	46.7	34.4	45.4	30.4	21.4	-	-
203.4	88.8	89.3	88.2	63.1	44.8	33.3	42.5	28.9	20.5	-	-
216.5	82.2	82.2	82.5	59.7	42.8	32.2	40.1	27.6	19.6	-	-
229.7	76.5	76.5	76.7	56.7	41.2	31.3	37.9	26.5	19.0	-	-
242.8	70.8	71.0	71.2	53.8	39.7	30.4	35.9	25.1	18.3	-	-
255.9	65.0	65.3	65.5	51.4	38.4	29.5	34.2	24.3	17.6	-	-
269.0	59.3	59.5	59.7	49.2	37.0	28.9	32.4	23.4	17.2	-	-
282.2	53.8	54.0	54.2	47.2	35.9	28.4	31.1	22.5	16.5	-	-
295.3	48.1	48.3	48.5	44.8	35.1	27.8	29.5	21.6	16.1	-	-
308.4	42.3	42.5	-	41.7	34.2	-	28.4	20.9	15.9	-	-
321.5	-	-	-	38.8	33.5	-	27.3	20.3	15.4	-	-
334.6	-	-	-	35.7	32.8	-	26.2	19.8	15.2	-	-
347.8	-	-	-	32.8	-	-	25.4	19.4	-	-	-
360.9	-	-	-	-	-	-	24.5	19.0	-	-	-
374.0	-	-	-	-	-	-	23.8	18.7	-	-	-
387.1	-	-	-	-	-	-	23.1	-	-	-	-

	0 lb	88,200 lb	176,400 lb	264,600 lb	352,800 lb
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SSL/LSL+LF2, SSL/LSL SGL_S1+LF2

CC 2400-1

352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° 75%																		
	255.9 ft																	
	SSL/LSL+LF2								SSL/LSL SGL S1+LF2		SSL/LSL+LF2							
	39.4 ft										78.7 ft				118.1 ft			
	0 lb	1)	0 lb	1)	0 lb	1)	0 lb	1)	1)	0 lb	1)	0 lb	1)	0 lb	1)	0 lb	1)	
	10°	15°	20°	30°	10°	15°	10°	20°	30°	10°	20°	30°	10°	20°	30°			
ft	1,000 lb																	
42.7	201.7	201.7	-	-	-	-	-	-	235.9	-	-	-	-	-	-	-	-	
45.9	201.7	201.7	185.2	185.2	-	-	-	-	235.9	206.1	-	-	-	-	-	-	-	
49.2	199.5	199.5	185.2	185.2	154.3	154.3	-	-	235.9	199.5	-	-	-	-	-	-	-	
52.5	197.3	197.3	183.0	183.0	149.9	149.9	-	-	233.7	194.0	117.9	117.9	-	-	-	-	-	
55.8	188.5	195.1	180.8	180.8	146.6	146.6	89.5	89.5	233.7	189.6	117.9	117.9	-	-	-	-	-	
59.1	177.5	191.8	178.6	178.6	143.3	143.3	88.0	88.0	231.5	184.1	117.9	117.9	-	-	-	-	-	
62.3	167.6	189.6	169.8	176.4	141.1	141.1	86.9	86.9	231.5	179.7	117.9	117.9	-	-	72.5	72.5	-	
65.6	158.7	186.3	160.9	173.1	137.8	137.8	85.5	85.5	229.3	175.3	117.9	117.9	73.6	73.6	-	72.5	72.5	
72.2	143.3	181.9	144.4	166.4	132.3	132.3	83.1	83.1	218.3	166.4	117.9	117.9	70.5	70.5	-	72.5	72.5	
78.7	129.0	176.4	131.2	158.7	127.9	127.9	80.9	80.9	206.1	158.7	112.4	112.4	67.7	67.7	41.0	72.5	72.5	
85.3	117.9	170.9	119.0	152.1	120.2	122.4	78.7	78.7	195.1	152.1	106.3	106.3	65.0	65.0	39.7	72.5	72.5	
91.9	108.0	166.4	109.1	146.6	110.2	117.9	76.9	76.9	185.2	146.6	100.8	100.8	62.6	62.6	38.6	71.4	71.4	
98.4	99.0	160.9	100.1	140.0	101.2	114.6	75.0	75.0	176.4	140.0	95.7	95.7	60.2	60.2	37.5	67.7	67.7	
111.5	81.6	154.3	82.9	130.1	84.0	107.8	71.7	71.7	162.0	130.1	84.9	87.1	56.2	56.2	35.5	61.3	61.3	
124.7	67.5	147.7	68.3	121.3	69.0	101.6	68.8	68.8	148.8	121.3	73.0	79.8	52.7	52.7	34.0	56.0	56.0	
137.8	56.2	137.8	57.1	113.5	57.8	96.3	59.1	66.1	137.8	113.5	61.3	73.6	49.6	49.6	32.4	51.4	51.4	
150.9	46.7	129.0	47.4	107.8	48.1	91.7	49.4	63.9	129.0	107.8	51.8	68.3	47.0	47.0	31.1	47.4	47.4	
164.0	39.0	120.2	39.5	102.1	40.1	87.5	41.2	61.9	120.2	102.1	43.9	63.9	44.5	44.5	29.8	44.1	44.1	
177.2	32.4	113.5	32.8	97.0	33.5	83.8	34.4	60.4	113.5	97.0	37.0	60.0	39.2	42.3	28.7	40.1	41.0	
190.3	26.9	107.8	27.3	92.6	27.8	80.5	28.4	58.9	107.8	92.6	31.3	56.4	33.3	40.3	27.8	34.2	38.4	
203.4	22.0	102.3	22.5	88.8	22.9	77.8	23.6	57.8	102.3	88.8	26.5	53.1	28.2	38.8	26.9	29.1	36.2	
216.5	17.9	96.6	18.3	85.3	18.7	75.4	19.2	56.7	96.6	85.3	22.0	50.5	23.6	37.3	26.2	24.9	34.0	
229.7	14.1	88.8	14.3	82.5	14.8	73.2	-	-	88.8	82.5	18.3	48.1	19.6	35.9	25.6	20.9	32.2	
242.8	10.6	81.1	10.8	79.8	11.0	71.4	-	-	81.8	79.8	15.0	45.9	16.3	34.6	25.1	17.6	30.4	
255.9	7.3	73.4	7.5	73.0	7.7	70.1	-	-	75.0	75.2	11.9	43.9	13.2	33.7	24.7	14.6	28.9	
269.0	-	-	-	65.9	-	-	-	-	-	67.2	8.8	42.1	9.9	32.8	-	11.9	27.6	
282.2	-	-	-	-	-	-	-	-	-	-	6.2	40.8	7.1	32.2	-	9.3	26.5	
295.3	-	-	-	-	-	-	-	-	-	-	-	39.5	-	31.5	-	6.6	25.4	
308.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.5	
321.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.6	
334.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.9	

	0 lb	88,200 lb	176,400 lb	264,600 lb	352,800 lb
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1) 0 lb-352,800 lb

SSL/LSL+LF2, SSL/LSL SGL_S1+LF2

CC 2400-1

352,800 lb + 88,200 lb												29.5-49.2 ft				23.8 ft				32.2 ft/s				360°		75%				
	275.6 ft																													
	SSL /LSL+LF2										SSL /LSL SGL_S1+LF2		SSL /LSL+LF2																	
	39.4 ft										78.7 ft										118.1 ft									
	0 lb	1)	0 lb	1)	0 lb	1)	0 lb	1)	1)	0 lb	1)	0 lb	1)	0 lb	1)	0 lb	1)	0 lb	1)	0 lb	1)									
	10°	15°	20°	30°	10°	15°	10°	20°	30°	10°	20°	30°	10°	20°	30°	10°	20°	30°	10°	20°	30°									
ft	1,000 lb																													
42.7	174.2	174.2	-	-	-	-	-	-	-	220.5	-	-	-	-	-	-	-	-	-	-	-									
45.9	174.2	174.2	154.3	154.3	-	-	-	-	-	220.5	206.1	-	-	-	-	-	-	-	-	-	-									
49.2	172.0	172.0	154.3	154.3	137.8	137.8	-	-	-	220.5	202.8	-	-	-	-	-	-	-	-	-	-									
52.5	169.8	169.8	153.2	153.2	137.8	137.8	-	-	-	220.5	197.3	-	-	-	-	-	-	-	-	-	-									
55.8	167.6	167.6	151.0	151.0	136.7	136.7	89.7	89.7	220.5	191.8	104.7	104.7	-	-	-	-	-	-	-	-	-									
59.1	165.3	165.3	148.8	148.8	135.6	135.6	88.4	88.4	220.5	187.4	104.7	104.7	-	-	-	-	-	-	-	-	-									
65.6	154.3	159.8	145.5	145.5	132.3	132.3	86.0	86.0	219.4	178.6	101.9	101.9	74.1	74.1	-	68.8	68.8	-	-	-	-									
72.2	138.9	155.4	140.0	141.1	129.0	129.0	83.8	83.8	218.3	170.9	98.8	98.8	71.0	71.0	-	68.3	68.3	-	-	-	-									
78.7	125.7	149.9	126.8	136.7	125.7	125.7	81.6	81.6	212.7	163.1	95.9	95.9	68.3	68.3	41.0	67.5	67.5	-	-	-	-									
85.3	113.5	145.5	115.7	133.4	116.8	123.5	79.6	79.6	201.7	156.5	92.8	92.8	65.7	65.7	39.9	66.6	66.6	45.0	45.0	-	-									
91.9	104.5	141.1	105.8	130.1	107.1	120.2	77.6	77.6	191.8	149.9	90.2	90.2	63.5	63.5	38.8	64.8	64.8	43.2	43.2	-	-									
98.4	95.7	136.7	96.8	125.7	98.1	116.8	75.8	75.8	183.0	144.4	87.5	87.5	61.3	61.3	37.7	63.1	63.1	41.7	41.7	-	-									
111.5	80.2	129.0	81.6	120.2	82.9	110.2	72.5	72.5	167.6	134.5	82.0	82.0	57.3	57.3	35.9	59.5	59.5	38.6	38.6	22.9	-									
124.7	66.4	123.5	67.2	114.6	68.1	104.3	69.7	69.7	154.3	125.7	70.5	77.6	53.8	53.8	34.2	56.2	56.2	36.2	36.2	21.6	-									
137.8	54.9	116.8	55.8	109.8	56.7	98.8	58.2	67.2	143.3	117.9	60.0	74.3	50.7	50.7	32.6	52.9	52.9	33.7	33.7	20.5	-									
150.9	45.4	111.3	46.3	104.7	47.0	94.1	48.3	65.0	134.5	111.3	50.5	70.8	47.8	47.8	31.3	48.9	48.9	31.7	31.7	19.4	-									
164.0	37.7	105.2	38.4	99.6	38.8	89.9	39.9	63.1	125.7	105.6	42.5	66.4	45.2	45.6	30.2	45.4	45.4	30.0	30.0	18.5	-									
177.2	31.1	99.0	31.5	94.6	32.2	86.2	33.1	61.3	117.9	100.5	35.7	62.2	38.1	43.4	29.1	38.8	42.5	28.4	28.4	17.6	-									
190.3	25.4	93.3	26.0	89.7	26.5	82.9	27.3	59.7	109.3	95.9	30.0	58.6	32.2	41.4	28.2	32.8	39.7	26.9	26.9	17.0	-									
203.4	20.7	88.2	21.2	85.1	21.6	79.8	22.3	58.4	102.3	91.9	25.1	55.3	26.9	39.7	27.3	28.0	37.5	25.6	25.6	16.3	-									
216.5	16.5	83.3	17.0	80.7	17.2	77.4	17.9	57.3	94.6	88.4	20.7	52.5	22.5	38.1	26.7	23.6	35.3	24.5	24.5	15.7	-									
229.7	12.6	78.3	13.0	76.1	13.2	74.1	13.9	56.4	86.6	85.1	17.0	50.0	18.5	36.8	26.0	19.6	33.3	22.0	23.4	15.2	-									
242.8	9.0	73.2	9.3	71.7	9.7	70.1	-	-	79.4	79.8	13.7	47.6	15.0	35.5	25.4	16.3	31.7	18.3	22.3	14.6	-									
255.9	5.7	68.1	6.2	67.0	6.4	65.9	-	-	73.2	73.4	10.6	45.6	11.9	34.4	24.9	13.2	30.2	15.0	21.6	14.3	-									
269.0	-	63.1	-	62.6	-	61.9	-	-	66.4	66.8	7.5	43.9	8.8	33.5	24.7	10.6	28.7	12.1	20.7	13.9	-									
282.2	-	58.2	-	58.2	-	-	-	-	59.3	59.5	-	42.3	5.7	32.6	-	7.7	27.6	9.7	20.1	13.7	-									
295.3	-	-	-	-	-	-	-	-	-	-	-	40.8	-	32.0	-	-	26.5	6.8	19.4	13.4	-									
308.4	-	-	-	-	-	-	-	-	-	-	-	39.5	-	31.5	-	-	25.4	-	19.0	13.2	-									
321.5	-	-	-	-	-	-	-	-	-	-	-	38.6	-	-	-	-	24.5	-	18.5	-	-									
334.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.6	-	18.1	-	-									
347.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.9	-	17.9	-	-									

	0 lb	88,200 lb	176,400 lb	264,600 lb	352,800 lb
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1) 0 lb-352,800 lb

SSL/LSL+LF2, SSL/LSL SGL_S1+LF2

CC 2400-1

352,800 lb + 88,200 lb												29.5-49.2 ft		23.8 ft		32.2 ft/s		360°		75%			
295.3 ft																							
SSL/LSL+LF2						SSL/LSL SGL_S1+LF2				SSL/LSL+LF2													
39.4 ft										78.7 ft				118.1 ft									
0 lb		1)		0 lb		1)		0 lb		1)		0 lb		1)		0 lb		1)		0 lb		1)	
10°		15°		20°		30°		10°		15°		10°		20°		30°		10°		20°		30°	
ft												1,000 lb											
45.9	157.6	157.6	-	-	-	-	-	-	207.2	-	-	-	-	-	-	-	-	-	-	-	-	-	
49.2	157.6	157.6	142.2	142.2	-	-	-	-	207.2	194.0	-	-	-	-	-	-	-	-	-	-	-	-	
52.5	156.5	156.5	142.2	142.2	130.1	130.1	-	-	207.2	194.0	-	-	-	-	-	-	-	-	-	-	-	-	
55.8	154.3	154.3	141.1	141.1	130.1	130.1	-	-	207.2	194.0	100.1	100.1	-	-	-	-	-	-	-	-	-	-	
59.1	153.2	153.2	140.0	140.0	129.0	129.0	88.8	88.8	207.2	190.7	100.1	100.1	-	-	-	-	-	-	-	-	-	-	
65.6	148.8	148.8	136.7	136.7	125.7	125.7	86.4	86.4	207.2	181.9	97.7	97.7	-	-	-	63.7	63.7	-	-	-	-	-	
72.2	134.5	145.5	133.4	133.4	123.5	123.5	84.2	84.2	206.1	174.2	95.2	95.2	71.7	71.7	-	63.7	63.7	-	-	-	-	-	
78.7	121.3	141.1	122.4	130.1	120.2	120.2	82.2	82.2	206.1	166.4	92.8	92.8	69.0	69.0	-	63.7	63.7	-	-	-	-	-	
85.3	110.2	136.7	111.3	126.8	113.5	117.9	80.2	80.2	203.9	159.8	90.4	90.4	66.6	66.6	39.9	63.7	63.7	45.2	45.2	-	-	-	
91.9	101.0	132.3	102.3	123.5	103.6	114.6	78.3	78.3	198.4	153.2	87.7	87.7	64.2	64.2	38.8	63.1	63.1	43.7	43.7	-	-	-	
98.4	92.6	129.0	93.7	119.0	95.0	112.4	76.7	76.7	189.6	147.7	85.3	85.3	61.9	61.9	37.9	61.7	61.7	41.9	41.9	-	-	-	
111.5	78.0	121.3	79.1	112.4	80.2	106.7	73.4	73.4	174.2	137.8	79.4	80.7	58.2	58.2	36.2	58.9	58.9	39.0	39.0	22.9	-	-	
124.7	65.3	115.7	66.1	108.5	67.0	102.3	68.6	70.5	160.9	129.0	67.9	75.8	54.7	54.7	34.4	56.0	56.0	36.6	36.6	21.6	-	-	
137.8	53.6	110.2	54.5	103.8	55.3	98.3	56.9	68.1	148.8	121.3	58.4	72.8	51.6	51.6	33.1	52.9	52.9	34.4	34.4	20.5	-	-	
150.9	44.1	104.9	44.8	99.0	45.6	94.4	47.0	65.9	138.9	114.6	49.4	69.4	48.9	48.9	31.7	50.5	50.5	32.4	32.4	19.6	-	-	
164.0	36.2	99.4	36.8	94.4	37.5	90.2	38.8	63.9	131.2	109.1	41.2	66.4	43.9	46.5	30.4	44.3	47.0	30.4	30.4	18.5	-	-	
177.2	29.5	93.9	30.2	89.5	30.9	86.2	32.0	61.9	121.3	103.8	34.4	63.3	36.8	44.3	29.5	37.5	43.9	28.9	28.9	17.9	-	-	
190.3	24.0	88.4	24.5	84.9	25.1	82.0	25.8	60.4	106.0	99.2	28.7	60.2	30.9	42.3	28.4	31.7	41.2	27.3	27.3	17.0	-	-	
203.4	19.2	83.6	19.6	80.5	20.3	78.0	20.9	59.1	96.3	95.0	23.8	56.9	25.8	40.8	27.6	26.7	38.8	26.2	26.2	16.3	-	-	
216.5	15.0	79.1	15.4	76.5	15.9	74.5	16.5	58.0	89.9	90.4	19.4	53.8	21.2	39.0	26.9	22.3	36.6	24.9	24.9	15.9	-	-	
229.7	11.0	74.7	11.5	72.5	11.9	70.8	12.6	56.9	83.6	84.0	15.7	51.8	17.2	37.7	26.2	18.3	34.6	20.7	23.8	15.2	-	-	
242.8	7.5	70.3	7.9	68.6	8.2	67.0	8.8	56.2	77.2	77.6	12.3	49.6	13.7	36.4	25.6	14.8	32.8	17.2	22.9	14.8	-	-	
255.9	-	65.9	-	64.6	-	63.5	-	55.6	71.0	71.2	9.0	47.4	10.6	35.3	25.1	11.9	31.3	13.9	22.0	14.3	-	-	
269.0	-	61.5	-	60.6	-	59.7	-	-	64.6	65.0	6.0	45.4	7.3	34.2	24.7	9.0	29.8	11.0	21.2	13.9	-	-	
282.2	-	57.1	-	56.7	-	56.0	-	-	58.2	58.9	-	43.9	-	33.3	24.5	6.4	28.4	8.4	20.5	13.7	-	-	
295.3	-	52.9	-	52.7	-	-	-	-	52.0	52.5	-	42.3	-	32.6	-	-	27.3	5.5	19.8	13.4	-	-	
308.4	-	-	-	-	-	-	-	-	-	-	-	40.8	-	32.0	-	-	26.2	-	19.4	13.2	-	-	
321.5	-	-	-	-	-	-	-	-	-	-	-	39.7	-	31.5	-	-	25.4	-	18.7	13.0	-	-	
334.6	-	-	-	-	-	-	-	-	-	-	-	38.6	-	-	-	-	24.5	-	18.3	-	-	-	
347.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.6	-	18.1	-	-	-	
360.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.9	-	17.9	-	-	-	
374.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.5	-	-	-	-	-	

	0 lb	88,200 lb	176,400 lb	264,600 lb	352,800 lb
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1) 0 lb-352,800 lb

SSL/LSL+LF2, SSL/LSL SGL_S1+LF2

CC 2400-1

352,800 lb + 88,200 lb												29.5-49.2 ft				23.8 ft		32.2 ft/s		360°		75%	
315.0 ft																							
SSL/LSL+LF2						SSL/LSL SGL_S1+LF2				SSL/LSL+LF2													
39.4 ft										78.7 ft				118.1 ft									
0 lb		1)		0 lb		1)		0 lb		1)		0 lb		1)		0 lb		1)		0 lb		1)	
10°		15°		20°		30°		10°		15°		10°		20°		30°		10°		20°		30°	
ft												1,000 lb											
45.9	148.8	148.8	-	-	-	-	-	-	195.1	184.1	-	-	-	-	-	-	-	-	-	-	-	-	
49.2	148.8	148.8	133.4	133.4	-	-	-	-	195.1	184.1	-	-	-	-	-	-	-	-	-	-	-	-	
52.5	148.8	148.8	133.4	133.4	121.3	121.3	-	-	195.1	184.1	-	-	-	-	-	-	-	-	-	-	-	-	
59.1	146.6	146.6	132.3	132.3	121.3	121.3	89.1	89.1	195.1	184.1	92.2	92.2	-	-	-	-	-	-	-	-	-	-	
65.6	143.3	143.3	131.2	131.2	120.2	120.2	86.9	86.9	195.1	184.1	91.5	91.5	-	-	-	-	-	-	-	-	-	-	
72.2	130.1	141.1	129.0	129.0	119.0	119.0	84.7	84.7	195.1	176.4	89.7	89.7	69.9	69.9	-	60.4	60.4	-	-	-	-	-	
78.7	116.8	137.8	119.0	125.7	116.8	116.8	82.7	82.7	195.1	169.8	88.2	88.2	69.4	69.4	-	60.4	60.4	-	-	-	-	-	
85.3	106.9	134.5	108.5	123.5	109.8	113.5	80.7	80.7	195.1	163.1	86.0	86.0	67.2	67.2	40.1	60.0	60.0	-	-	-	-	-	
91.9	97.4	131.2	98.8	120.2	100.1	111.3	78.9	78.9	194.0	156.5	84.0	84.0	64.8	64.8	39.0	59.7	59.7	43.9	43.9	-	-	-	
98.4	89.1	127.9	90.4	117.9	91.7	110.0	77.4	77.4	192.9	151.0	81.8	81.8	62.8	62.8	38.1	58.4	58.4	42.3	42.3	-	-	-	
111.5	75.0	121.3	76.1	112.4	77.2	105.4	74.1	74.1	179.7	141.1	76.5	77.8	58.9	58.9	36.4	55.8	55.8	39.5	39.5	22.9	-	-	
124.7	62.8	115.7	63.7	108.0	64.8	101.2	67.0	71.4	166.4	132.3	65.3	73.6	55.6	55.6	34.6	53.1	53.1	37.0	37.0	21.6	-	-	
137.8	52.0	111.3	53.1	104.1	54.0	97.9	55.6	68.8	154.3	124.6	56.0	70.3	52.5	52.5	33.3	50.7	50.7	34.8	34.8	20.5	-	-	
150.9	42.5	106.9	43.4	100.1	44.1	94.6	45.6	66.6	144.4	117.9	47.4	67.7	49.8	49.8	32.0	48.3	48.3	32.8	32.8	19.6	-	-	
164.0	34.6	102.1	35.3	96.1	36.2	91.3	37.3	64.6	133.4	111.3	39.7	65.0	42.5	47.4	30.9	42.5	46.5	31.1	31.1	18.7	-	-	
177.2	28.0	97.4	28.7	92.2	29.3	88.0	30.4	62.8	120.2	106.9	33.1	62.4	35.5	45.4	29.8	36.2	44.8	29.3	29.3	17.9	-	-	
190.3	21.8	92.8	22.5	88.2	23.1	84.7	24.3	61.3	107.6	102.1	27.1	59.7	29.5	43.4	28.9	30.2	42.5	28.0	28.0	17.2	-	-	
203.4	17.6	88.2	18.1	84.2	18.7	81.4	19.4	59.7	92.8	93.5	22.3	56.9	24.3	41.7	28.0	25.1	39.9	26.7	26.7	16.5	-	-	
216.5	13.4	83.3	13.9	80.0	14.3	77.6	15.2	58.6	85.3	85.3	17.4	54.2	19.8	39.9	27.1	20.7	37.7	23.6	25.4	15.9	-	-	
229.7	9.3	78.3	9.7	75.6	10.1	73.4	11.0	57.5	79.6	79.8	14.1	51.6	15.9	38.6	26.5	16.8	35.7	19.4	24.5	15.4	-	-	
242.8	5.7	73.4	6.2	71.2	6.6	69.2	7.1	56.7	74.1	74.3	10.8	49.8	12.3	37.3	25.8	13.0	34.0	15.9	23.4	15.0	-	-	
255.9	-	68.6	-	66.6	-	65.3	-	56.0	68.3	68.6	7.5	48.3	9.0	36.2	25.4	10.4	32.4	12.1	22.5	14.6	-	-	
269.0	-	63.7	-	62.2	-	61.1	-	55.3	62.8	63.1	-	47.0	6.0	35.1	24.9	7.5	30.9	9.7	21.6	14.1	-	-	
282.2	-	58.9	-	57.8	-	56.9	-	-	57.1	57.3	-	45.4	-	34.2	24.5	-	29.5	6.8	20.9	13.7	-	-	
295.3	-	54.0	-	53.4	-	52.7	-	-	51.4	51.8	-	43.7	-	33.3	24.3	-	28.2	-	20.3	13.4	-	-	
308.4	-	49.2	-	48.7	-	-	-	-	45.9	46.1	-	42.3	-	32.6	24.0	-	27.1	-	19.6	13.2	-	-	
321.5	-	-	-	-	-	-	-	-	-	-	-	41.0	-	32.0	-	-	26.2	-	19.2	13.0	-	-	
334.6	-	-	-	-	-	-	-	-	-	-	-	39.5	-	31.5	-	-	25.1	-	18.7	13.0	-	-	
347.8	-	-	-	-	-	-	-	-	-	-	-	37.9	-	-	-	-	24.5	-	18.3	-	-	-	
360.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.6	-	18.1	-	-	-	
374.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.1	-	17.6	-	-	-	
387.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.5	-	-	-	-	-	

	0 lb	88,200 lb	176,400 lb	264,600 lb	352,800 lb
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1) 0 lb-352,800 lb

SSL/LSL+LF2, SSL/LSL SGL_S1+LF2

CC 2400-1

352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° 75%																	
334.6 ft																	
SSL/LSL+LF2								SSL/LSL SGL_S1+LF2		SSL/LSL+LF2							
39.4 ft								78.7 ft				118.1 ft					
0 lb		1)	0 lb		1)	0 lb		1)	0 lb		1)	0 lb		1)	0 lb		1)
10°		15°		20°		30°		10°		15°		10°		20°		30°	
ft 1,000 lb																	
49.2	130.1	130.1	-	-	-	-	-	-	179.7	-	-	-	-	-	-	-	-
52.5	130.1	130.1	119.0	119.0	-	-	-	-	179.7	170.9	-	-	-	-	-	-	-
55.8	129.0	129.0	119.0	119.0	110.2	110.2	-	-	179.7	170.9	-	-	-	-	-	-	-
59.1	127.9	127.9	119.0	119.0	110.2	110.2	-	-	179.7	170.9	84.0	84.0	-	-	-	-	-
62.3	126.8	126.8	117.9	117.9	109.8	109.8	88.2	88.2	179.7	170.9	84.0	84.0	-	-	-	-	-
65.6	126.8	126.8	116.8	116.8	108.9	108.9	87.1	87.1	179.7	170.9	84.0	84.0	-	-	-	-	-
72.2	124.6	124.6	114.6	114.6	107.4	107.4	85.1	85.1	179.7	170.9	82.5	82.5	65.7	65.7	-	57.1	57.1
78.7	113.5	121.3	112.4	112.4	105.8	105.8	83.1	83.1	179.7	170.9	81.1	81.1	65.7	65.7	-	56.9	56.9
85.3	103.2	119.0	104.7	111.3	103.8	103.8	81.1	81.1	179.7	166.4	79.4	79.4	64.8	64.8	40.1	56.2	56.2
91.9	94.1	116.8	95.5	109.1	96.8	102.1	79.6	79.6	179.7	159.8	77.8	77.8	63.9	63.9	39.0	55.8	55.8
98.4	86.0	114.6	87.3	106.9	88.6	100.1	77.8	77.8	178.6	154.3	76.1	76.1	63.1	63.1	38.1	55.1	55.1
111.5	72.3	109.3	73.4	102.3	74.5	96.3	74.7	74.7	177.5	144.4	72.8	72.8	59.7	59.7	36.4	52.7	52.7
124.7	60.6	104.5	61.9	97.9	63.1	92.4	64.8	72.1	170.9	135.6	62.6	69.4	56.4	56.4	34.8	50.5	50.5
137.8	50.7	100.5	51.6	94.6	52.5	89.3	54.2	69.7	159.8	127.9	53.6	66.1	53.4	53.4	33.5	48.5	48.5
150.9	41.0	96.6	41.9	91.1	42.8	86.4	44.3	67.5	146.6	121.3	45.6	63.7	48.7	50.7	32.2	46.3	46.3
164.0	33.1	92.4	34.0	87.5	34.6	83.3	35.9	65.5	132.3	114.6	38.4	61.3	41.2	48.3	31.1	40.6	44.5
177.2	26.2	88.4	27.1	84.0	27.8	80.2	29.1	63.5	117.9	110.0	31.5	58.9	34.4	46.1	30.0	34.2	43.0
190.3	20.3	84.4	20.9	80.5	21.6	77.2	22.9	61.9	106.3	105.2	25.8	56.4	28.2	44.3	29.1	28.7	41.4
203.4	16.1	80.2	15.7	76.9	16.3	74.1	17.4	60.4	93.0	93.5	20.7	54.0	22.9	42.5	28.2	23.8	39.9
216.5	11.7	76.3	12.3	73.6	12.8	71.2	13.7	59.3	79.4	80.7	15.9	51.8	18.3	40.8	27.3	19.4	38.4
229.7	7.7	72.1	8.2	69.7	8.6	67.7	9.5	58.2	74.3	74.5	12.6	49.4	13.9	39.5	26.7	15.2	36.8
242.8	-	67.9	-	65.9	-	64.2	5.7	57.1	69.2	69.4	9.3	47.0	11.0	38.1	26.2	11.5	35.1
255.9	-	63.7	-	61.9	-	60.4	-	56.2	64.2	64.4	6.0	45.2	7.7	36.8	25.6	9.0	33.3
269.0	-	59.5	-	58.0	-	56.9	-	54.7	59.1	59.3	-	43.7	-	35.7	25.1	6.0	32.0
282.2	-	55.3	-	54.2	-	53.1	-	51.6	54.0	54.2	-	42.1	-	34.8	24.7	-	30.4
295.3	-	51.1	-	50.3	-	49.6	-	-	48.9	49.2	-	40.3	-	34.0	24.5	-	29.3
308.4	-	47.0	-	46.3	-	45.9	-	-	43.9	44.3	-	38.8	-	33.1	24.0	-	28.0
321.5	-	42.8	-	42.5	-	42.3	-	-	39.0	39.2	-	37.3	-	32.4	24.0	-	27.1
334.6	-	38.6	-	38.6	-	-	-	-	34.0	34.2	-	35.5	-	31.7	-	-	26.0
347.8	-	-	-	-	-	-	-	-	-	-	-	34.0	-	31.3	-	-	25.1
360.9	-	-	-	-	-	-	-	-	-	-	-	32.4	-	-	-	-	24.5
374.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.6
387.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.1
400.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.5

 0 lb 88,200 lb 176,400 lb 264,600 lb 352,800 lb

1) 0 lb-352,800 lb

SSL/LSL+LF2, SSL/LSL SGL_S1+LF2

CC 2400-1

352,800 lb + 88,200 lb																		29.5-49.2 ft				23.8 ft				32.2 ft/s				360°		75%			
354.3 ft																																			
SSL/LSL+LF2										SSL/LSL SGL_S1+LF2				SSL/LSL+LF2																					
39.4 ft														78.7 ft						118.1 ft															
0 lb		1)		0 lb		1)		0 lb		1)		0 lb		1)		0 lb		1)		0 lb		1)		0 lb		1)									
10°		15°		20°		30°		10°		15°		10°		20°		30°		10°		20°		30°													
ft																		1,000 lb																	
52.5	117.9	117.9	-	-	-	-	-	-	-	160.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
55.8	117.9	117.9	110.0	110.0	102.3	102.3	-	-	-	160.9	153.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
59.1	117.9	117.9	110.0	110.0	102.3	102.3	-	-	-	160.9	153.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
62.3	116.8	116.8	109.6	109.6	102.3	102.3	88.4	88.4	160.9	153.2	78.7	78.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
65.6	116.8	116.8	108.9	108.9	101.9	101.9	87.3	87.3	160.9	153.2	78.7	78.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
72.2	115.7	115.7	108.0	108.0	101.0	101.0	85.3	85.3	159.8	153.2	78.0	78.0	-	-	-	-	-	-	53.4	53.4	-	-	-	-	-	-									
78.7	109.8	113.5	106.7	106.7	100.1	100.1	83.3	83.3	158.7	153.2	76.9	76.9	61.5	61.5	-	-	-	-	53.4	53.4	-	-	-	-	-	-									
85.3	99.6	112.4	101.2	105.4	99.0	99.0	81.6	81.6	157.6	151.0	75.6	75.6	61.3	61.3	40.1	52.9	52.9	-	-	-	-	-	-	-	-										
91.9	90.6	110.2	92.2	104.1	93.5	97.9	80.0	80.0	156.5	149.9	74.1	74.1	60.6	60.6	39.0	52.5	52.5	41.2	41.2	-	-	-	-	-	-										
98.4	82.7	109.1	84.0	102.3	85.3	96.6	78.3	78.3	154.3	148.8	72.8	72.8	59.7	59.7	38.1	52.0	52.0	41.2	41.2	-	-	-	-	-	-										
111.5	69.2	105.2	70.5	99.0	71.7	93.7	73.6	75.4	149.9	144.4	69.9	69.9	58.2	58.2	36.6	50.0	50.0	40.1	40.1	22.7	-	-	-	-	-										
124.7	58.4	101.4	59.3	95.7	60.4	90.8	62.2	72.8	144.4	138.9	60.0	60.0	56.4	56.4	35.1	48.3	48.3	37.7	37.7	21.6	-	-	-	-	-										
137.8	48.5	97.9	49.4	92.6	50.3	88.0	52.0	70.3	136.7	131.2	51.1	64.2	54.2	54.2	33.7	46.3	46.3	35.5	35.5	20.7	-	-	-	-	-										
150.9	39.5	94.4	40.3	89.7	41.2	85.5	42.8	68.1	126.8	123.5	43.4	61.9	46.5	51.6	32.4	44.3	44.3	33.7	33.7	19.8	-	-	-	-	-										
164.0	31.5	91.1	32.4	86.9	33.1	82.9	34.6	66.1	116.8	114.6	36.4	59.7	39.2	49.2	31.3	38.4	42.5	32.0	32.0	19.0	-	-	-	-	-										
177.2	24.5	87.5	25.4	84.0	26.2	80.5	27.6	64.4	108.0	106.3	30.0	57.8	32.8	47.0	30.2	32.4	41.2	30.4	30.4	18.1	-	-	-	-	-										
190.3	18.5	84.2	19.2	81.1	20.1	77.8	21.4	62.6	98.3	97.2	24.3	55.8	26.9	45.0	29.3	26.5	39.9	28.9	28.9	17.4	-	-	-	-	-										
203.4	13.2	80.7	13.9	78.0	14.6	75.4	15.7	61.1	88.6	88.2	19.2	53.8	21.6	43.2	28.4	21.6	38.6	25.1	27.6	16.8	-	-	-	-	-										
216.5	9.9	77.4	10.6	75.2	9.9	72.8	10.8	59.7	78.9	79.1	14.3	51.6	17.0	41.7	27.8	17.4	37.3	20.7	26.5	16.1	-	-	-	-	-										
229.7	6.0	73.9	6.4	72.3	7.1	70.3	7.9	58.6	69.7	70.3	10.1	49.6	12.3	40.1	26.9	13.7	35.9	16.8	25.4	15.7	-	-	-	-	-										
242.8	-	69.7	-	68.3	-	66.6	-	57.5	65.3	65.3	7.7	47.6	8.6	38.8	26.5	9.9	34.6	13.0	24.3	15.2	-	-	-	-	-										
255.9	-	65.3	-	64.2	-	62.8	-	56.7	60.6	60.8	-	45.4	6.2	37.5	25.8	6.4	33.1	9.5	23.4	14.8	-	-	-	-	-										
269.0	-	61.1	-	60.0	-	58.9	-	56.0	56.0	56.2	-	43.7	-	36.4	25.4	-	31.7	6.2	22.5	14.3	-	-	-	-	-										
282.2	-	56.7	-	56.0	-	54.9	-	53.1	51.6	51.6	-	41.9	-	35.5	24.9	-	30.4	-	21.8	13.9	-	-	-	-	-										
295.3	-	52.5	-	51.8	-	50.9	-	49.4	47.0	47.2	-	40.1	-	34.6	24.5	-	29.8	-	21.2	13.7	-	-	-	-	-										
308.4	-	48.1	-	47.6	-	47.0	-	-	42.3	42.5	-	38.1	-	33.7	24.3	-	28.9	-	20.5	13.4	-	-	-	-	-										
321.5	-	43.9	-	43.7	-	43.2	-	-	37.9	37.9	-	36.4	-	32.8	24.0	-	27.8	-	19.8	13.2	-	-	-	-	-										
334.6	-	39.5	-	39.5	-	39.2	-	-	33.3	33.5	-	34.6	-	32.4	23.8	-	26.9	-	19.4	13.0	-	-	-	-	-										
347.8	-	35.3	-	35.3	-	-	-	-	28.7	28.9	-	32.6	-	31.3	-	-	26.0	-	19.0	12.8	-	-	-	-	-										
360.9	-	-	-	-	-	-	-	-	-	-	-	30.9	-	30.0	-	-	25.1	-	18.5	12.6	-	-	-	-	-										
374.0	-	-	-	-	-	-	-	-	-	-	-	29.1	-	28.4	-	-	24.5	-	18.1	12.6	-	-	-	-	-										
387.1	-	-	-	-	-	-	-	-	-	-	-	27.3	-	-	-	-	23.6	-	17.9	-	-	-	-	-	-										
400.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.1	-	17.6	-	-	-	-	-	-										
413.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.3	-	17.4	-	-	-	-	-	-										
426.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.4	-	-	-	-	-	-	-	-										

	0 lb	88,200 lb	176,400 lb	264,600 lb	352,800 lb
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1) 0 lb-352,800 lb

SSL/LSL+LF2, SSL/LSL SGL_S1+LF2

CC 2400-1

352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° 75%																		
374.0 ft																		
SSL/LSL+LF2										SSL/LSL SGL_S1+LF2				SSL/LSL+LF2				
39.4 ft										78.7 ft					118.1 ft			
0 lb	1)	0 lb	1)	0 lb	1)	0 lb	1)	1)	0 lb	1)	0 lb	1)	0 lb	1)	0 lb	1)	0 lb	1)
10°	15°	20°	30°	10°	15°	10°	20°	30°	10°	15°	10°	20°	30°	10°	20°	30°		
1,000 lb																		
52.5	102.5	102.5	-	-	-	-	-	-	146.6	-	-	-	-	-	-	-	-	-
55.8	102.5	102.5	95.5	95.5	-	-	-	-	146.6	142.2	-	-	-	-	-	-	-	-
59.1	102.5	102.5	95.5	95.5	89.5	89.5	-	-	146.6	142.2	-	-	-	-	-	-	-	-
62.3	102.1	102.1	95.5	95.5	89.5	89.5	-	-	146.6	142.2	69.9	69.9	-	-	-	-	-	-
65.6	101.4	101.4	95.0	95.0	89.5	89.5	79.8	79.8	146.6	142.2	69.9	69.9	-	-	-	-	-	-
72.2	100.5	100.5	94.1	94.1	88.6	88.6	79.6	79.6	146.6	142.2	69.4	69.4	-	-	-	48.9	48.9	-
78.7	99.2	99.2	93.0	93.0	88.0	88.0	79.1	79.1	146.6	142.2	68.3	68.3	56.2	56.2	-	48.9	48.9	-
85.3	96.1	97.7	91.9	91.9	86.9	86.9	78.7	78.7	145.5	141.1	67.5	67.5	56.0	56.0	-	48.7	48.7	-
91.9	87.3	96.3	88.8	90.6	85.8	85.8	77.8	77.8	145.5	140.0	66.4	66.4	55.1	55.1	39.2	47.8	47.8	38.1
98.4	79.6	94.6	80.9	89.3	82.2	84.7	76.7	76.7	144.4	140.0	65.3	65.3	54.5	54.5	38.4	47.2	47.2	38.1
111.5	66.6	91.3	67.7	86.4	68.8	82.0	71.0	74.7	142.2	136.7	62.8	62.8	52.9	52.9	36.6	45.6	45.6	37.5
124.7	55.8	87.7	56.9	83.3	57.8	79.4	59.7	72.5	138.9	134.5	57.5	60.4	51.4	51.4	35.3	44.1	44.1	36.4
137.8	46.1	84.7	47.0	80.5	47.8	76.7	50.0	70.5	134.5	131.2	48.7	58.0	49.8	49.8	34.0	42.3	42.3	35.5
150.9	37.5	81.8	38.6	78.0	39.5	74.5	41.2	68.6	124.6	122.4	41.2	55.6	44.3	48.1	32.6	40.8	40.8	34.2
164.0	30.0	78.9	30.9	75.4	31.7	72.3	33.3	66.8	114.6	113.5	34.2	53.8	37.7	46.5	31.5	36.2	39.2	32.4
177.2	22.9	76.1	23.8	73.0	24.7	70.1	26.2	64.8	105.8	104.7	27.8	51.8	30.6	45.4	30.4	30.2	37.9	30.9
190.3	16.8	73.2	17.6	70.3	18.3	67.9	19.8	63.3	96.3	95.7	22.3	50.0	24.9	44.1	29.5	24.7	36.6	28.7
203.4	11.5	70.3	12.3	67.9	13.0	65.5	14.1	61.5	86.9	86.4	17.4	48.3	20.1	42.8	28.7	19.4	35.5	23.6
216.5	7.1	67.5	7.7	65.3	8.2	63.3	9.3	59.7	77.2	77.4	12.8	46.5	15.4	41.4	28.0	15.2	34.2	18.7
229.7	-	64.6	-	62.8	-	61.1	-	58.0	67.7	68.3	8.6	44.5	11.0	40.1	27.1	11.7	33.1	14.8
242.8	-	61.7	-	60.2	-	58.9	-	56.2	59.7	60.0	-	42.8	7.1	39.0	26.7	8.4	31.7	11.2
255.9	-	58.2	-	57.1	-	55.8	-	53.8	55.6	55.8	-	41.0	-	37.7	26.0	-	30.4	7.9
269.0	-	54.9	-	53.8	-	52.7	-	50.7	51.4	51.6	-	39.2	-	36.4	25.6	-	29.3	-
282.2	-	51.4	-	50.5	-	49.6	-	47.8	47.4	47.6	-	37.7	-	35.1	24.9	-	28.0	-
295.3	-	48.1	-	47.2	-	46.5	-	45.0	43.2	43.4	-	36.2	-	33.7	24.7	-	26.9	-
308.4	-	44.5	-	43.9	-	43.4	-	42.1	39.0	39.2	-	34.6	-	32.4	24.3	-	26.0	-
321.5	-	41.2	-	40.8	-	40.1	-	-	34.8	35.3	-	32.8	-	31.1	24.0	-	25.4	-
334.6	-	37.7	-	37.5	-	37.0	-	-	30.9	31.1	-	31.3	-	29.8	23.8	-	24.5	-
347.8	-	34.4	-	34.2	-	34.0	-	-	26.7	26.9	-	29.8	-	28.4	23.6	-	23.6	-
360.9	-	30.9	-	30.9	-	-	-	-	22.5	22.7	-	28.2	-	27.1	-	-	22.9	-
374.0	-	-	-	-	-	-	-	-	-	-	-	26.7	-	25.8	-	-	22.0	-
387.1	-	-	-	-	-	-	-	-	-	-	-	25.1	-	24.5	-	-	21.2	-
400.3	-	-	-	-	-	-	-	-	-	-	-	23.6	-	-	-	-	20.5	-
413.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.6	-
426.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.7	-
439.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.1	-

	0 lb	88,200 lb	176,400 lb	264,600 lb	352,800 lb
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1) 0 lb-352,800 lb

SSL/LSL+LF2, SSL/LSL SGL_S1+LF2

CC 2400-1

352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° 75%																	
393.7 ft																	
SSL/LSL+LF2 SSL/LSL SGL_S1+LF2 SSL/LSL+LF2																	
39.4 ft 78.7 ft 118.1 ft																	
0 lb 1) 0 lb 1) 0 lb 1) 0 lb 1) 1) 0 lb 1) 0 lb 1) 0 lb 1) 0 lb 1)																	
10° 15° 20° 30° 10° 15° 10° 20° 30° 10° 20° 30°																	
ft 1,000 lb																	
55.8	87.7	87.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	87.7	87.7	81.8	81.8	-	-	-	-	-	-	-	-	-	-	-	-	-
62.3	87.1	87.1	81.8	81.8	76.7	76.7	-	-	-	-	-	-	-	-	-	-	-
65.6	86.4	86.4	81.4	81.4	76.7	76.7	67.2	67.2	-	-	58.6	58.6	-	-	-	-	-
72.2	85.3	85.3	80.2	80.2	75.6	75.6	67.2	67.2	-	-	58.6	58.6	-	-	-	-	-
78.7	84.0	84.0	79.1	79.1	74.5	74.5	66.4	66.4	-	-	57.8	57.8	46.7	46.7	-	41.2	41.2
85.3	82.7	82.7	77.8	77.8	73.6	73.6	65.7	65.7	-	-	56.7	56.7	46.7	46.7	-	41.2	41.2
91.9	81.1	81.1	76.5	76.5	72.3	72.3	64.8	64.8	-	-	55.8	55.8	46.3	46.3	38.6	40.8	40.8
98.4	76.9	79.6	75.4	75.4	71.2	71.2	63.9	63.9	-	-	54.7	54.7	45.9	45.9	38.4	40.1	40.1
111.5	64.2	76.5	65.3	72.5	66.6	69.0	62.2	62.2	-	-	52.7	52.7	44.8	44.8	36.8	38.8	38.8
124.7	53.6	73.4	54.7	69.9	55.8	66.6	57.8	60.4	-	-	50.7	50.7	43.7	43.7	35.3	37.3	37.3
137.8	44.3	70.3	45.6	67.0	46.7	64.2	48.3	58.6	-	-	46.7	48.5	42.3	42.3	34.0	35.9	35.9
150.9	35.3	68.1	36.4	64.8	37.3	61.9	39.0	56.9	-	-	39.2	46.5	40.8	40.8	32.8	34.4	34.4
164.0	28.0	65.7	28.9	62.8	29.5	60.2	31.3	55.3	-	-	32.6	45.0	35.9	39.5	31.7	33.1	33.1
177.2	21.6	63.3	22.5	60.6	23.1	58.2	24.7	53.8	-	-	25.8	43.4	29.3	38.4	30.6	28.2	31.7
190.3	15.7	60.8	16.5	58.4	17.2	56.2	18.7	52.2	-	-	20.3	41.9	23.1	37.3	29.8	22.7	30.9
203.4	10.4	58.6	11.0	56.4	11.7	54.5	13.0	50.7	-	-	15.7	40.6	18.1	36.2	28.9	17.9	29.8
216.5	5.7	56.2	6.4	54.2	7.1	52.5	8.2	49.2	-	-	11.5	39.0	13.9	35.1	28.2	13.4	28.7
229.7	-	53.8	-	52.0	-	50.5	-	47.6	-	-	7.3	37.5	9.9	34.0	27.3	9.7	27.8
242.8	-	51.4	-	50.0	-	48.7	-	46.3	-	-	-	35.9	6.0	32.8	26.7	6.6	26.7
255.9	-	48.9	-	47.8	-	46.7	-	44.8	-	-	-	34.6	-	31.7	26.2	-	25.6
269.0	-	46.5	-	45.4	-	44.5	-	42.8	-	-	-	33.1	-	30.6	25.6	-	24.7
282.2	-	44.1	-	43.2	-	42.3	-	40.6	-	-	-	31.7	-	29.5	25.1	-	23.6
295.3	-	41.7	-	40.8	-	40.1	-	38.6	-	-	-	30.4	-	28.4	24.7	-	22.5
308.4	-	39.2	-	38.6	-	37.9	-	36.6	-	-	-	29.3	-	27.6	24.5	-	21.6
321.5	-	36.8	-	36.2	-	35.7	-	34.4	-	-	-	28.2	-	26.7	24.0	-	21.2
334.6	-	34.4	-	34.0	-	33.5	-	-	-	-	-	27.1	-	25.6	23.8	-	20.5
347.8	-	32.0	-	31.5	-	31.3	-	-	-	-	-	25.8	-	24.7	23.6	-	19.8
360.9	-	29.3	-	29.3	-	29.1	-	-	-	-	-	24.7	-	23.8	22.9	-	19.4
374.0	-	26.9	-	26.9	-	-	-	-	-	-	-	23.6	-	22.7	-	-	18.7
387.1	-	24.5	-	24.7	-	-	-	-	-	-	-	22.5	-	21.8	-	-	18.1
400.3	-	-	-	-	-	-	-	-	-	-	-	21.2	-	20.9	-	-	17.6
413.4	-	-	-	-	-	-	-	-	-	-	-	20.1	-	-	-	-	17.0
426.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.3
439.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.9
452.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.2

	0 lb	88,200 lb	176,400 lb	264,600 lb	352,800 lb
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1) 0 lb-352,800 lb

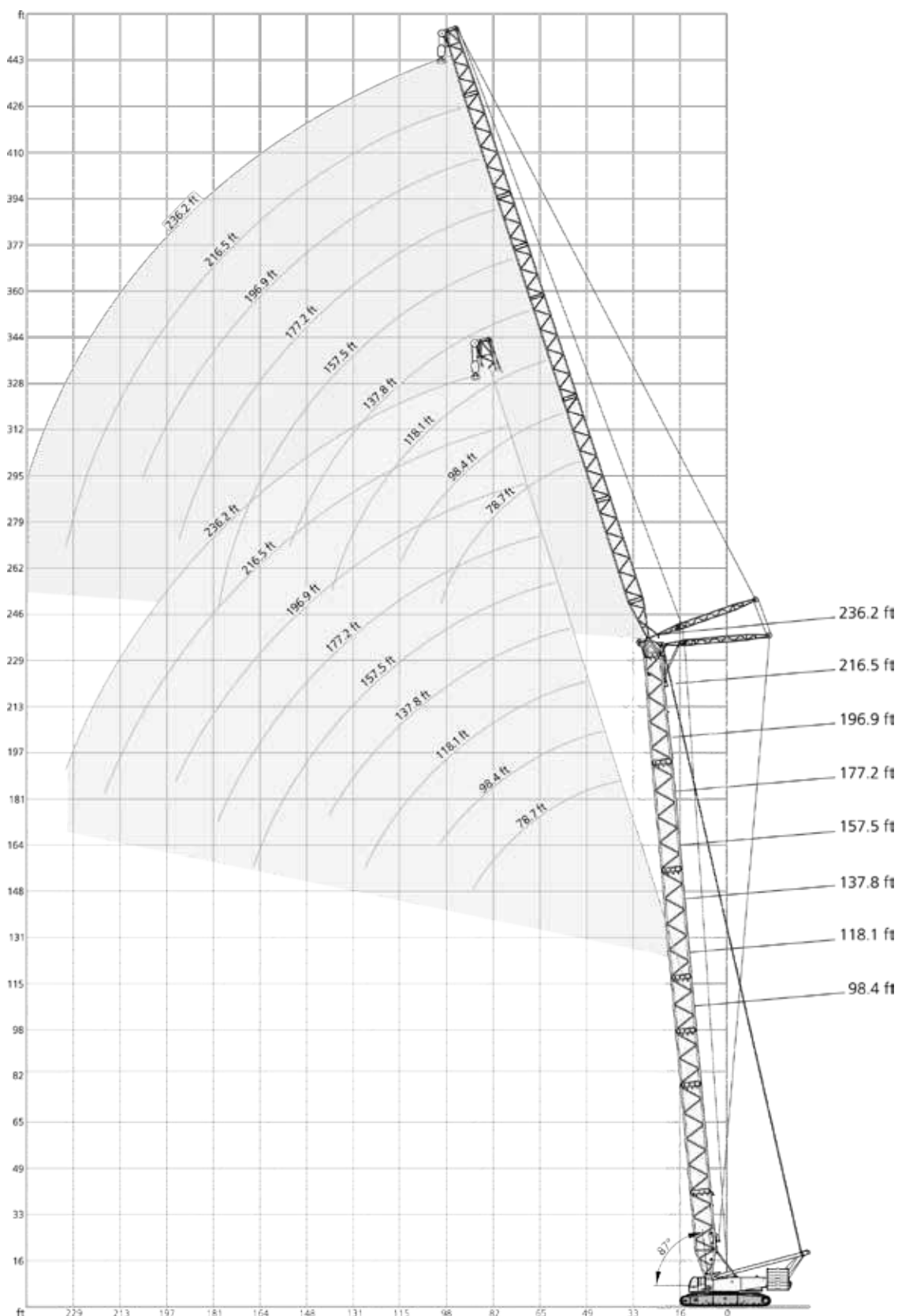
SSL/LSL+LF2, SSL/LSL SGL_S1+LF2

CC 2400-1

352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° 75%																	
413.4 ft																	
SSL/LSL+LF2 SGL_S1+LF2 SSL/LSL+LF2																	
39.4 ft 78.7 ft 118.1 ft																	
0 lb 1) 0 lb 1) 0 lb 1) 0 lb 1) 1) 0 lb 1) 0 lb 1) 0 lb 1) 0 lb 1) 0 lb 1)																	
10° 15° 20° 30° 10° 15° 10° 20° 30° 10° 20° 30°																	
ft 1,000 lb																	
55.8	76.1	76.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	76.1	76.1	71.2	71.2	-	-	-	-	-	-	-	-	-	-	-	-	-
62.3	76.1	76.1	71.2	71.2	66.4	66.4	-	-	-	-	-	-	-	-	-	-	-
65.6	75.4	75.4	71.2	71.2	66.4	66.4	-	-	-	52.2	52.2	-	-	-	-	-	-
72.2	74.3	74.3	70.3	70.3	65.9	65.9	59.5	59.5	-	52.2	52.2	-	-	-	-	-	-
78.7	73.2	73.2	69.4	69.4	65.0	65.0	59.3	59.3	-	51.4	51.4	42.5	42.5	-	36.8	36.8	-
85.3	71.9	71.9	68.6	68.6	64.2	64.2	58.6	58.6	-	50.7	50.7	42.5	42.5	-	36.8	36.8	-
91.9	70.8	70.8	67.5	67.5	63.3	63.3	58.0	58.0	-	49.8	49.8	42.1	42.1	35.5	36.4	36.4	-
98.4	69.7	69.7	66.4	66.4	62.4	62.4	57.3	57.3	-	48.9	48.9	41.7	41.7	35.5	35.9	35.9	28.2
111.5	61.3	67.0	62.6	63.9	60.4	60.4	55.8	55.8	-	47.2	47.2	40.8	40.8	35.1	35.1	35.1	28.0
124.7	50.9	64.4	52.0	61.7	53.1	58.4	54.2	54.2	-	45.4	45.4	39.5	39.5	34.6	34.0	34.0	27.6
137.8	42.3	61.9	43.2	59.3	44.3	56.4	46.1	52.5	-	43.9	43.9	38.4	38.4	34.0	32.8	32.8	27.1
150.9	32.6	59.5	33.7	57.1	34.8	54.5	37.0	50.9	-	37.0	42.1	37.0	37.0	32.8	31.5	31.5	26.5
164.0	25.4	57.5	26.2	55.3	27.1	52.9	28.7	49.4	-	30.0	40.6	33.5	35.9	32.0	30.2	30.2	25.8
177.2	19.2	55.6	19.8	53.6	20.7	51.1	22.3	48.1	-	23.8	39.2	26.9	34.8	30.9	25.8	28.9	24.9
190.3	13.9	53.6	14.6	51.6	15.2	49.6	16.5	46.7	-	17.9	37.9	21.4	33.7	30.0	20.3	28.0	24.3
203.4	8.6	51.6	9.3	49.8	10.1	48.1	11.5	45.4	-	13.2	36.6	15.9	32.8	29.1	15.7	27.1	19.6
216.5	-	49.6	-	47.8	-	46.3	6.6	43.9	-	9.3	35.3	11.7	31.7	28.4	11.5	26.2	15.2
229.7	-	47.4	-	46.1	-	44.8	-	42.5	-	5.7	34.0	7.9	30.9	27.6	7.5	25.1	11.2
242.8	-	45.4	-	44.3	-	43.0	-	41.2	-	-	32.6	-	29.8	26.9	-	24.3	7.5
255.9	-	43.4	-	42.3	-	41.4	-	39.9	-	-	31.3	-	28.9	26.5	-	23.4	-
269.0	-	41.4	-	40.6	-	39.7	-	38.4	-	-	30.0	-	27.8	25.8	-	22.5	-
282.2	-	39.5	-	38.6	-	37.9	-	36.6	-	-	28.7	-	26.9	25.4	-	21.6	-
295.3	-	37.3	-	36.6	-	35.9	-	34.8	-	-	27.6	-	25.8	24.7	-	20.7	-
308.4	-	35.3	-	34.6	-	34.0	-	33.1	-	-	26.5	-	24.9	23.8	-	19.6	-
321.5	-	33.3	-	32.6	-	32.2	-	31.3	-	-	25.4	-	24.0	22.9	-	19.0	-
334.6	-	31.1	-	30.6	-	30.2	-	29.5	-	-	24.3	-	23.1	22.3	-	18.3	-
347.8	-	29.1	-	28.7	-	28.4	-	-	-	-	23.1	-	22.3	21.4	-	17.6	-
360.9	-	27.1	-	26.9	-	26.5	-	-	-	-	22.0	-	21.4	20.5	-	17.2	-
374.0	-	25.1	-	24.9	-	24.5	-	-	-	-	21.2	-	20.5	19.8	-	16.5	-
387.1	-	22.9	-	22.9	-	-	-	-	-	-	20.1	-	19.4	-	-	15.9	-
400.3	-	20.9	-	20.9	-	-	-	-	-	-	19.0	-	18.5	-	-	15.2	-
413.4	-	-	-	-	-	-	-	-	-	-	17.9	-	17.6	-	-	14.6	-
426.5	-	-	-	-	-	-	-	-	-	-	16.8	-	-	-	-	14.1	-
439.6	-	-	-	-	-	-	-	-	-	-	15.7	-	-	-	-	13.4	-
452.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.8	-
465.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.1	-

	0 lb	88,200 lb	176,400 lb	264,600 lb	352,800 lb
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1) 0 lb-352,800 lb



 352,800 lb +  88,200 lb				 23.8 ft				 32.2 ft/s				360°		75%		
 98.4 ft																
		78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft		
		 87°/85°	75°	65°	 87°/85°	75°	65°	 87°/85°	75°	65°	 87°/85°	75°	65°	 87°/85°	75°	65°
ft							1,000 lb									
36.1	370.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	340.6	-	-	325.2	-	-	-	-	-	-	-	-	-	-	-	-
42.7	315.3	-	-	302.0	-	-	288.8	-	-	-	-	-	-	-	-	-
45.9	293.2	-	-	281.1	-	-	270.1	-	-	-	-	-	-	-	-	-
49.2	274.5	-	-	263.5	-	-	252.4	-	-	243.6	-	-	-	-	-	-
52.5	257.9	-	-	246.9	-	-	238.1	-	-	229.3	-	-	220.5	-	-	-
59.1	229.3	-	-	220.5	-	-	212.7	-	-	205.0	-	-	197.8	-	-	-
65.6	201.1	-	-	199.3	-	-	192.0	-	-	185.2	-	-	178.8	-	-	-
72.2	177.5	164.5	-	175.7	-	-	174.6	-	-	168.4	-	-	162.7	-	-	-
78.7	158.5	146.8	-	156.7	144.4	-	155.6	-	-	153.9	-	-	149.3	-	-	-
85.3	143.1	132.3	-	141.3	130.1	-	140.2	-	-	138.5	-	-	137.6	-	-	-
91.9	128.5*	120.4	-	128.5	118.2	-	127.2	116.6	-	125.4	-	-	125.0	-	-	-
98.4	-	110.2	103.0	117.7	108.0	-	116.4	106.5	-	114.6	104.3	-	114.2	-	-	-
105.0	-	101.4	94.6	108.2	99.4	-	107.1	97.9	-	105.2	95.7	-	104.7	95.0	-	-
111.5	-	-	87.5	99.0*	91.9	85.1	99.0	90.4	-	97.2	88.2	-	96.6	87.5	-	-
124.7	-	-	76.1	-	79.6	73.6	85.8	78.0	71.9	83.8	75.8	-	83.1	75.2	-	-
131.2	-	-	-	-	-	68.8	-	73.0	67.0	78.3	70.8	64.8	77.6	69.9	-	-
137.8	-	-	-	-	-	64.6	-	68.3	62.8	73.4	66.1	60.4	72.8	65.3	-	-
144.4	-	-	-	-	-	60.8	-	64.4	58.9	69.2	62.2	56.7	68.3	61.3	55.8	-
150.9	-	-	-	-	-	-	-	-	55.6	-	58.4	53.1	64.2	57.5	52.2	-
164.0	-	-	-	-	-	-	-	-	49.8	-	52.2	47.4	57.3	51.1	46.3	-
177.2	-	-	-	-	-	-	-	-	-	-	-	42.5	-	45.9	41.0	-
190.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.8

 177.2 ft			 196.9 ft			 216.5 ft			 236.2 ft		
 87°/85° 75° 65°			 87°/85° 75° 65°			 87°/85° 75° 65°			 87°/85° 75° 65°		
ft						1,000 lb					
55.8	201.5	-	-	-	-	-	-	-	-	-	-
59.1	191.1	-	-	-	-	-	-	-	-	-	-
62.3	181.7	-	-	173.5	-	-	-	-	-	-	-
65.6	172.8	-	-	166.9	-	-	141.3	-	-	-	-
72.2	157.6	-	-	152.1	-	-	141.3	-	-	-	-
78.7	144.6	-	-	139.6	-	-	135.4	-	-	-	-
82.0	139.0	-	-	134.2	-	-	130.1	-	-	112.2	-
85.3	133.4	-	-	128.8	-	-	124.8	-	-	112.4*	-
91.9	123.5	-	-	119.0	-	-	115.5	-	-	110.0	-
98.4	113.1	-	-	110.9	-	-	107.6	-	-	103.6	-
111.5	95.7	86.2	-	94.4	-	-	93.7	-	-	90.2	-
124.7	82.2	73.9	-	80.9	72.5	-	80.2	-	-	78.7	-
131.2	76.7	68.8	-	75.4	67.2	-	74.7	66.4	-	73.2	-
137.8	71.7	64.2	-	70.3	62.6	-	69.7	61.9	-	68.1	60.0
150.9	63.1	56.4	-	61.9	54.9	-	61.1	54.0	-	59.5	52.2
157.5	59.5	52.9	47.8	58.2	51.6	-	57.5	50.7	-	55.8	48.7
164.0	56.2	49.8	44.8	54.9	48.5	-	54.0	47.6	-	52.5	45.6
177.2	50.5	44.5	39.5	48.9	43.0	37.7	48.1	42.1	36.6	46.5	40.1
190.3	-	39.9	35.1	44.1	38.4	33.3	43.2	37.3	32.0	41.4	35.3
203.4	-	36.2	31.3	39.9	34.2	29.3	38.8	33.1	28.2	37.3	31.1
216.5	-	-	28.2	-	30.9	26.2	35.3	29.5	24.9	33.5	27.6
229.7	-	-	-	-	-	23.4	-	26.5	22.0	30.0	24.3
242.8	-	-	-	-	-	-	-	24.0	19.6	26.2*	21.6
255.9	-	-	-	-	-	-	-	-	17.6	-	19.4
269.0	-	-	-	-	-	-	-	-	-	-	13.4

* 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

 352,800 lb +  88,200 lb				 23.8 ft				 32.2 ft/s				360°		75%					
 118.1 ft																			
		78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft					
		 87°/85°	75°	65°	 87°/85°	75°	65°	 87°/85°	75°	65°	 87°/85°	75°	65°	 87°/85°	75°	65°			
ft								1,000 lb											
36.1	352.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
39.4	325.2	-	-	310.9	-	-	-	-	-	-	-	-	-	-	-	-			
45.9	281.1	-	-	270.1	-	-	259.0	-	-	-	-	-	-	-	-	-			
49.2	263.5	-	-	252.4	-	-	242.5	-	-	233.7	-	-	-	-	-	-			
52.5	248.0	-	-	238.1	-	-	229.3	-	-	220.5	-	-	212.5	-	-	-			
59.1	221.6	-	-	213.2	-	-	205.3	-	-	197.5	-	-	190.7	-	-	-			
65.6	200.0	-	-	192.5	-	-	185.6	-	-	178.8	-	-	172.6	-	-	-			
72.2	176.6	-	-	174.8	-	-	169.1	-	-	162.9	-	-	157.4	-	-	-			
78.7	157.6	142.9	-	155.9	-	-	154.8	-	-	149.7	-	-	144.6	-	-	-			
85.3	142.2	128.8	-	140.4	126.3	-	139.3	-	-	137.6	-	-	133.4	-	-	-			
91.9	127.2*	116.8	-	127.6	114.6	-	126.5	113.1	-	124.8	-	-	123.7	-	-	-			
98.4	-	106.9	-	116.8	104.7	-	115.7	103.2	-	113.8	-	-	113.3	-	-	-			
105.0	-	98.5	-	107.6	96.3	-	106.3	94.8	-	104.5	92.6	-	104.1	-	-	-			
111.5	-	91.1	83.1	97.9*	88.8	-	98.3	87.3	-	96.3	85.1	-	95.9	84.4	-	-			
118.1	-	-	77.2	-	82.5	74.5	91.3	80.9	-	89.3	78.7	-	88.8	78.0	-	-			
124.7	-	-	71.9	-	76.9	69.4	85.1	75.4	-	83.1	73.2	-	82.7	72.5	-	-			
131.2	-	-	67.2	-	71.9	64.8	78.0*	70.3	63.1	77.6	68.1	-	77.2	67.5	-	-			
137.8	-	-	-	-	-	60.6	-	65.9	59.1	72.8	63.7	-	72.1	63.1	-	-			
144.4	-	-	-	-	-	57.1	-	61.9	55.3	68.6	59.7	52.9	67.7	58.9	-	-			
150.9	-	-	-	-	-	53.8	-	58.4	52.0	63.3*	56.2	49.6	63.7	55.3	48.5	-			
164.0	-	-	-	-	-	-	-	-	46.3	-	50.0	43.7	56.9	48.9	42.5	-			
177.2	-	-	-	-	-	-	-	-	-	-	-	38.8	-	43.9	37.5	-			
190.3	-	-	-	-	-	-	-	-	-	-	-	34.8	-	39.7	33.3	-			
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.0	-			

 177.2 ft			 196.9 ft			 216.5 ft			 236.2 ft		
 87°/85° 75° 65°			 87°/85° 75° 65°			 87°/85° 75° 65°			 87°/85° 75° 65°		
ft						1,000 lb					
59.1	184.3	-	-	-	-	-	-	-	-	-	-
62.3	175.3	-	-	156.5	-	-	-	-	-	-	-
65.6	166.9	-	-	156.5	-	-	133.2	-	-	-	-
72.2	152.3	-	-	147.0	-	-	133.2	-	-	-	-
78.7	140.0	-	-	134.9	-	-	131.0	-	-	-	-
82.0	134.6	-	-	129.7	-	-	125.9	-	-	106.9	-
85.3	129.2	-	-	124.6	-	-	120.8	-	-	107.4*	-
91.9	119.7	-	-	115.5	-	-	112.0	-	-	105.2	-
98.4	111.6	-	-	107.4	-	-	104.3	-	-	100.3	-
111.5	95.0	-	-	93.9	-	-	91.1	-	-	87.5	-
118.1	88.0	76.9	-	86.6	-	-	85.3	-	-	82.0	-
124.7	81.6	71.2	-	80.5	69.7	-	79.8	-	-	77.2	-
137.8	71.2	61.7	-	69.9	60.2	-	69.2	59.3	-	67.7	-
144.4	66.6	57.8	-	65.5	56.2	-	64.8	55.3	-	63.1	53.6
150.9	62.6	54.0	-	61.3	52.7	-	60.6	51.8	-	59.1	49.8
164.0	55.8	47.8	41.0	54.2	46.3	-	53.6	45.4	-	52.0	43.2
177.2	49.8	42.5	35.9	48.5	40.8	34.0	47.8	39.9	-	46.1	37.7
190.3	-	37.9	31.7	43.7	36.2	29.8	42.8	35.1	28.7	41.0	33.1
203.4	-	34.2	28.2	39.5	32.2	26.2	38.6	31.1	25.1	36.8	28.9
216.5	-	-	25.1	-	28.9	23.1	34.8	27.6	21.8	33.1	25.6
229.7	-	-	22.7	-	-	20.5	-	24.7	19.2	29.5	22.5
242.8	-	-	-	-	-	18.3	-	22.0	17.0	25.6*	19.8
255.9	-	-	-	-	-	-	-	-	14.8	-	17.6
269.0	-	-	-	-	-	-	-	-	-	-	10.8
282.2	-	-	-	-	-	-	-	-	-	-	9.3

* 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

 352,800 lb +  88,200 lb				 23.8 ft				 32.2 ft/s				360°		75%		
 137.8 ft																
		78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft		
		87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°
ft							1,000 lb									
36.1	335.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
39.4	309.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
42.7	287.7	-	-	275.6	-	-	-	-	-	-	-	-	-	-	-	
45.9	269.0	-	-	257.9	-	-	248.0	-	-	-	-	-	-	-	-	
49.2	252.4	-	-	242.5	-	-	232.6	-	-	223.8	-	-	-	-	-	
52.5	238.1	-	-	228.2	-	-	220.2	-	-	211.9	-	-	-	-	-	
55.8	224.9	-	-	216.5	-	-	208.3	-	-	200.6	-	-	193.3	-	-	
59.1	213.4	-	-	205.3	-	-	197.8	-	-	190.3	-	-	183.6	-	-	
65.6	193.1	-	-	185.8	-	-	179.0	-	-	172.6	-	-	166.4	-	-	
72.2	175.5	-	-	169.5	-	-	163.4	-	-	157.6	-	-	152.1	-	-	
78.7	156.7	-	-	155.0	-	-	150.1	-	-	144.8	-	-	139.8	-	-	
85.3	141.3	124.8	-	139.6	-	-	138.5	-	-	133.8	-	-	129.2	-	-	
91.9	125.9*	113.3	-	126.8	110.9	-	125.7	-	-	123.9	-	-	119.9	-	-	
98.4	-	103.4	-	116.0	101.2	-	114.9	99.6	-	113.1	-	-	111.8	-	-	
105.0	-	95.2	-	106.7	92.8	-	105.6	91.3	-	103.6	89.1	-	103.4	-	-	
111.5	-	88.0	-	96.6*	85.8	-	97.4	84.2	-	95.7	82.0	-	95.2	-	-	
118.1	-	81.8	72.5	-	79.6	-	90.6	78.0	-	88.6	75.6	-	88.2	75.0	-	
124.7	-	-	67.5	-	74.1	-	84.4	72.5	-	82.5	70.3	-	82.0	69.7	-	
131.2	-	-	63.1	-	69.2	60.4	76.9*	67.7	-	76.9	65.5	-	76.5	64.6	-	
137.8	-	-	59.1	-	65.0	56.7	-	63.3	54.7	72.1	61.1	-	71.4	60.4	-	
150.9	-	-	-	-	-	49.8	-	56.0	47.8	62.2*	53.6	45.0	63.1	52.9	-	
157.5	-	-	-	-	-	47.0	-	52.9	45.0	-	50.5	42.1	59.5	49.6	-	
164.0	-	-	-	-	-	-	-	-	42.3	-	47.6	39.5	56.2	46.7	38.4	
177.2	-	-	-	-	-	-	-	-	37.7	-	43.0	34.8	-	41.7	33.7	
190.3	-	-	-	-	-	-	-	-	-	-	-	31.1	-	37.3	29.8	
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.5	
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.6	

177.2 ft			196.9 ft			216.5 ft			236.2 ft		
87°/85° 75° 65°			87°/85° 75° 65°			87°/85° 75° 65°			87°/85° 75° 65°		
ft			1,000 lb								
59.1	169.5	-	-	-	-	-	-	-	-	-	-
62.3	168.9	-	-	146.2	-	-	-	-	-	-	-
65.6	160.9	-	-	146.2	-	-	-	-	-	-	-
72.2	147.0	-	-	142.0	-	-	125.0	-	-	103.6	-
78.7	135.4	-	-	130.5	-	-	123.9	-	-	103.6	-
85.3	125.0	-	-	120.6	-	-	116.8	-	-	103.2*	-
91.9	116.0	-	-	111.8	-	-	108.2	-	-	101.6	-
98.4	108.0	-	-	104.1	-	-	100.8	-	-	97.0	-
111.5	94.4	-	-	91.1	-	-	88.2	-	-	84.7	-
124.7	81.1	68.3	-	79.8	-	-	77.8	-	-	74.5	-
131.2	75.4	63.5	-	74.3	61.9	-	73.4	-	-	70.3	-
137.8	70.5	59.1	-	69.2	57.5	-	68.8	-	-	66.4	-
144.4	66.1	55.3	-	64.8	53.8	-	64.2	52.7	-	62.6	-
150.9	62.2	51.8	-	60.8	50.3	-	60.2	49.2	-	58.6	46.7
164.0	55.1	45.6	-	53.8	43.9	-	53.1	42.8	-	51.6	40.6
177.2	49.4	40.1	32.0	48.1	38.4	-	47.2	37.5	-	45.6	35.3
190.3	43.2*	35.7	28.0	43.2	34.0	26.2	42.3	32.8	-	40.6	30.6
203.4	-	32.0	24.7	39.0	30.0	22.7	38.1	28.9	21.6	36.4	26.9
216.5	-	-	21.8	-	26.7	19.8	34.4	25.6	18.7	32.4	23.4
229.7	-	-	19.4	-	24.0	17.4	-	22.7	16.1	29.1	20.5
242.8	-	-	-	-	-	15.2	-	20.3	13.9	26.2	18.1
255.9	-	-	-	-	-	13.4	-	-	12.1	-	15.9
269.0	-	-	-	-	-	-	-	-	10.4	-	13.9
282.2	-	-	-	-	-	-	-	-	-	-	6.6

* 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

 352,800 lb +  88,200 lb				 23.8 ft				 32.2 ft/s				360°		75%		
 157.5 ft																
		 78.7 ft			 98.4 ft			 118.1 ft			 137.8 ft			 157.5 ft		
		 87°/85°	 75°	 65°	 87°/85°	 75°	 65°	 87°/85°	 75°	 65°	 87°/85°	 75°	 65°	 87°/85°	 75°	 65°
ft							1,000 lb									
39.4	295.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42.7	275.6	-	-	263.5	-	-	-	-	-	-	-	-	-	-	-	-
45.9	257.9	-	-	246.9	-	-	237.0	-	-	-	-	-	-	-	-	-
52.5	228.2	-	-	220.0	-	-	211.6	-	-	203.5	-	-	-	-	-	-
55.8	216.5	-	-	208.3	-	-	200.4	-	-	192.9	-	-	178.4	-	-	-
59.1	205.5	-	-	197.5	-	-	190.3	-	-	183.2	-	-	176.6	-	-	-
65.6	186.3	-	-	179.2	-	-	172.6	-	-	166.2	-	-	160.5	-	-	-
72.2	170.4	-	-	163.8	-	-	157.9	-	-	152.1	-	-	146.8	-	-	-
78.7	155.6	-	-	150.8	-	-	145.3	-	-	140.0	-	-	135.1	-	-	-
85.3	140.4	120.4	-	138.7	-	-	134.5	-	-	129.4	-	-	125.0	-	-	-
91.9	127.6	109.1	-	125.9	-	-	124.8	-	-	120.4	-	-	116.0	-	-	-
98.4	-	99.6	-	115.1	97.2	-	114.0	-	-	112.2	-	-	108.2	-	-	-
105.0	-	91.7	-	105.8	89.3	-	104.7	87.7	-	102.7	-	-	101.2	-	-	-
111.5	-	84.7	-	95.2*	82.2	-	96.8	80.9	-	94.8	78.5	-	94.6	-	-	-
118.1	-	78.5	-	-	76.3	-	89.7	74.7	-	87.7	72.3	-	87.5	71.9	-	-
124.7	-	73.2	62.6	-	71.0	-	83.6	69.4	-	81.6	67.0	-	81.4	66.6	-	-
131.2	-	-	58.4	-	66.1	-	75.8*	64.6	-	76.3	62.4	-	75.8	61.7	-	-
137.8	-	-	54.7	-	61.9	51.6	-	60.4	-	71.4	58.2	-	70.8	57.5	-	-
150.9	-	-	48.3	-	-	45.2	-	53.4	43.0	61.1*	50.9	-	62.4	50.3	-	-
157.5	-	-	-	-	-	42.3	-	50.3	40.3	-	47.8	37.5	58.9	47.2	-	-
164.0	-	-	-	-	-	39.9	-	-	37.7	-	45.0	34.8	55.8	44.1	-	-
177.2	-	-	-	-	-	-	-	-	33.5	-	40.1	30.4	-	39.0	29.5	-
190.3	-	-	-	-	-	-	-	-	-	-	-	26.9	-	34.8	25.8	-
203.4	-	-	-	-	-	-	-	-	-	-	-	24.0	-	-	22.7	-
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.1	-

 177.2 ft			 196.9 ft			 216.5 ft			 236.2 ft		
 87°/85° 75° 65°			 87°/85° 75° 65°			 87°/85° 75° 65°			 87°/85° 75° 65°		
ft						1,000 lb					
59.1	155.0	-	-	-	-	-	-	-	-	-	-
65.6	155.0	-	-	132.9	-	-	-	-	-	-	-
72.2	142.0	-	-	132.9	-	-	115.3	-	-	-	-
78.7	130.7	-	-	125.9	-	-	114.2	-	-	-	-
85.3	120.8	-	-	116.4	-	-	112.2	-	-	96.1	-
91.9	112.2	-	-	108.0	-	-	104.7	-	-	96.1*	-
98.4	104.7	-	-	100.5	-	-	97.4	-	-	93.7	-
111.5	91.7	-	-	88.2	-	-	85.3	-	-	81.8	-
124.7	80.5	-	-	78.0	-	-	75.4	-	-	72.1	-
131.2	75.0	60.6	-	73.6	-	-	71.0	-	-	67.9	-
137.8	69.9	56.2	-	68.8	54.0	-	67.0	-	-	63.9	-
144.4	65.5	52.5	-	64.4	50.7	-	63.5	48.5	-	60.4	-
150.9	61.5	48.9	-	60.2	47.2	-	59.7	45.6	-	57.3	-
157.5	57.8	45.6	-	56.7	43.9	-	56.0	43.0	-	54.2	40.1
164.0	54.7	42.8	-	53.4	41.0	-	52.7	39.9	-	50.9	37.7
177.2	48.9	37.5	-	47.4	35.7	-	46.7	34.8	-	45.2	32.6
190.3	42.3*	33.3	24.3	42.5	31.5	22.3	41.9	30.4	-	40.1	28.2
203.4	-	29.5	21.2	38.6	27.8	19.2	37.7	26.7	17.9	35.9	24.5
216.5	-	26.5	18.3	-	24.5	16.3	34.0	23.4	15.2	32.0	21.2
229.7	-	-	16.1	-	21.8	14.1	29.1*	20.7	12.8	28.7	18.5
242.8	-	-	14.3	-	-	12.1	-	18.3	10.8	25.8	15.9
255.9	-	-	-	-	-	10.4	-	16.1	9.0	-	13.9
269.0	-	-	-	-	-	-	-	-	7.5	-	12.1
282.2	-	-	-	-	-	-	-	-	6.2	-	-

* 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

 352,800 lb +  88,200 lb				 23.8 ft				 32.2 ft/s				360°		75%					
 177.2 ft																			
		78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft					
		87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°			
ft								1,000 lb											
39.4	281.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
42.7	263.5	-	-	252.4	-	-	-	-	-	-	-	-	-	-	-	-			
45.9	246.9	-	-	237.0	-	-	-	-	-	-	-	-	-	-	-	-			
49.2	232.6	-	-	222.7	-	-	-	214.7	-	-	-	-	-	-	-	-			
52.5	219.8	-	-	211.2	-	-	-	203.0	-	-	189.8	-	-	-	-	-			
55.8	208.1	-	-	200.2	-	-	-	192.5	-	-	185.2	-	-	165.3	-	-			
59.1	197.5	-	-	190.0	-	-	-	183.0	-	-	176.1	-	-	165.3	-	-			
65.6	179.7	-	-	172.6	-	-	-	166.2	-	-	160.3	-	-	154.5	-	-			
72.2	164.5	-	-	158.1	-	-	-	152.3	-	-	146.6	-	-	141.5	-	-			
78.7	151.7	-	-	145.7	-	-	-	140.2	-	-	135.1	-	-	130.3	-	-			
85.3	139.3	-	-	134.9	-	-	-	129.9	-	-	125.0	-	-	120.6	-	-			
91.9	126.5	104.9	-	124.8	-	-	-	121.0	-	-	116.4	-	-	112.2	-	-			
98.4	112.4*	95.7	-	114.0	93.3	-	-	113.1	-	-	108.7	-	-	104.7	-	-			
111.5	-	81.1	-	97.0	78.7	-	-	95.9	77.2	-	93.9	-	-	91.9	-	-			
118.1	-	75.2	-	87.1*	72.8	-	-	88.8	71.2	-	87.1	68.8	-	86.6	-	-			
124.7	-	69.9	-	-	67.5	-	-	82.9	66.1	-	80.9	63.7	-	80.5	62.4	-			
131.2	-	-	52.7	-	63.1	-	-	77.4	61.5	-	75.4	59.1	-	75.2	58.6	-			
137.8	-	-	49.2	-	58.9	-	-	70.1*	57.3	-	70.5	55.1	-	70.1	54.5	-			
144.4	-	-	45.9	-	55.3	42.8	-	-	53.8	-	66.4	51.1	-	65.7	50.5	-			
150.9	-	-	43.0	-	-	39.9	-	-	50.5	-	60.0*	47.8	-	61.9	47.2	-			
157.5	-	-	40.6	-	-	37.5	-	-	47.4	35.3	-	44.8	-	58.2	43.9	-			
164.0	-	-	-	-	-	35.1	-	-	44.8	33.1	-	41.9	-	55.1	41.2	-			
177.2	-	-	-	-	-	31.3	-	-	-	28.9	-	37.0	26.0	-	36.2	25.1			
190.3	-	-	-	-	-	-	-	-	-	25.6	-	-	22.7	-	32.2	21.6			
203.4	-	-	-	-	-	-	-	-	-	-	-	-	19.8	-	28.7	18.7			
216.5	-	-	-	-	-	-	-	-	-	-	-	-	17.9	-	-	16.3			
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.3			

 177.2 ft			 196.9 ft			 216.5 ft			 236.2 ft		
 87°/85° 75° 65°			 87°/85° 75° 65°			 87°/85° 75° 65°			 87°/85° 75° 65°		
ft						1,000 lb					
62.3	142.4	-	-	-	-	-	-	-	-	-	-
65.6	142.4	-	-	123.5	-	-	-	-	-	-	-
72.2	136.9	-	-	123.5	-	-	106.7	-	-	-	-
78.7	126.1	-	-	120.8	-	-	106.7	-	-	91.9	-
85.3	116.6	-	-	112.2	-	-	104.9	-	-	91.3	-
91.9	108.5	-	-	104.3	-	-	101.0	-	-	89.7	-
98.4	101.2	-	-	97.2	-	-	93.9	-	-	88.4	-
111.5	88.8	-	-	85.1	-	-	82.2	-	-	78.9	-
124.7	78.7	-	-	75.4	-	-	72.8	-	-	69.4	-
137.8	69.2	52.5	-	67.2	-	-	64.8	-	-	61.7	-
144.4	64.8	49.2	-	63.7	46.3	-	61.3	-	-	58.4	-
150.9	60.8	45.6	-	59.7	43.7	-	58.0	41.2	-	55.1	-
157.5	57.3	42.5	-	56.0	40.8	-	55.1	38.8	-	52.2	35.9
164.0	54.0	39.7	-	52.7	37.9	-	52.0	36.6	-	49.6	33.7
177.2	48.3	34.8	-	47.0	33.1	-	46.3	32.0	-	44.5	29.8
190.3	41.4*	30.6	20.1	42.1	28.9	-	41.4	27.8	-	39.7	25.6
203.4	-	27.1	17.2	37.9	25.4	15.2	37.0	24.3	-	35.3	22.0
216.5	-	24.0	14.8	-	22.3	12.8	33.5	21.2	11.5	31.3	19.0
229.7	-	-	12.6	-	19.6	10.6	28.2*	18.5	9.3	28.0	16.1
242.8	-	-	10.8	-	17.4	8.6	-	16.1	7.5	25.1	13.9
255.9	-	-	-	-	-	7.1	-	14.1	5.7	-	11.9
269.0	-	-	-	-	-	5.7	-	-	-	-	10.1
282.2	-	-	-	-	-	-	-	-	-	-	8.6

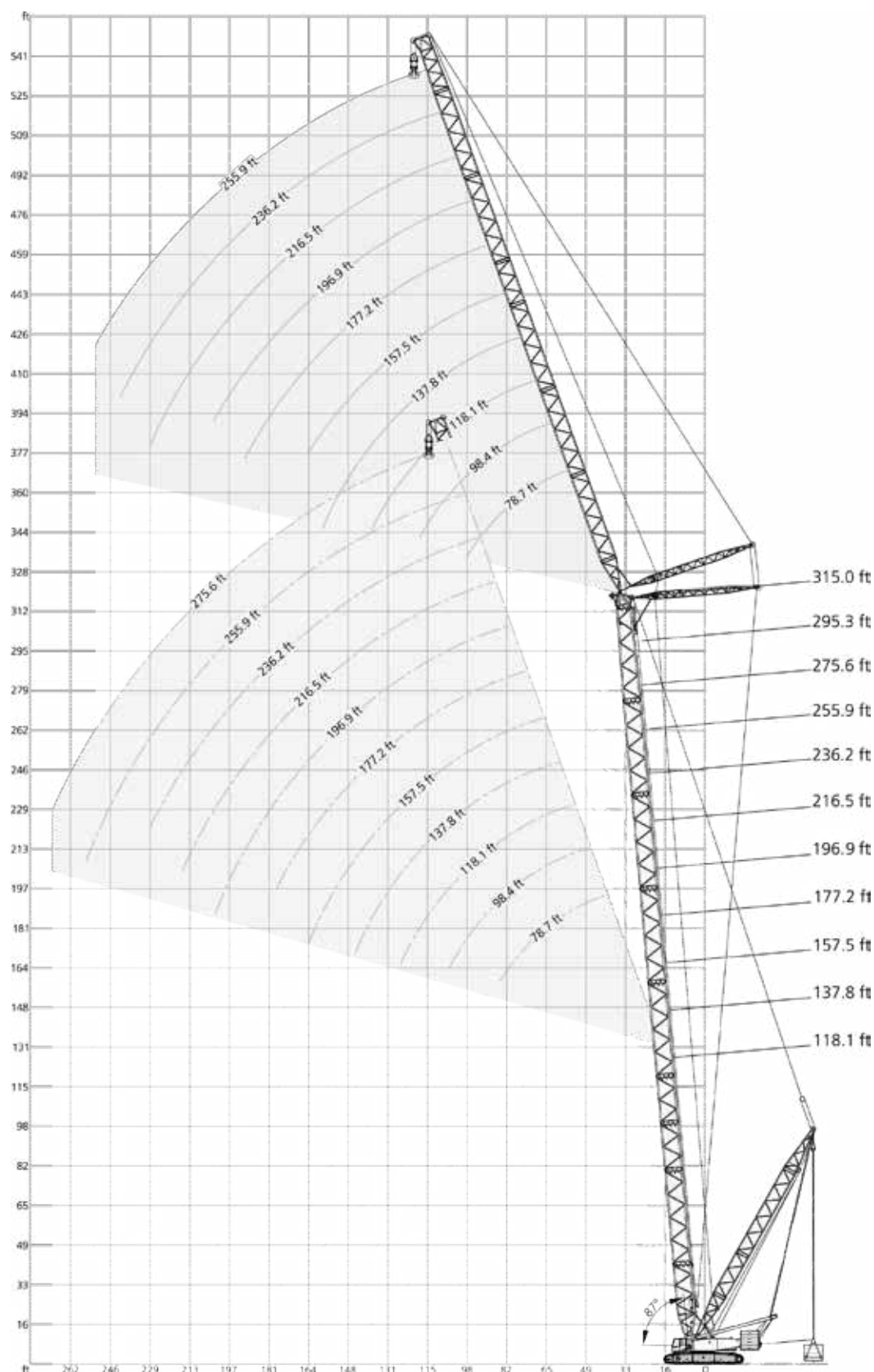
* Main boom angle 85°

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

 352,800 lb +  88,200 lb				 23.8 ft				 32.2 ft/s				360°		75%					
 196.9 ft																			
		78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft					
		87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°	87°/85°	75°	65°			
ft								1,000 lb											
39.4	263.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
45.9	235.9	-	-	226.0	-	-	-	-	-	-	-	-	-	-	-	-			
49.2	222.7	-	-	214.1	-	-	-	194.4	-	-	-	-	-	-	-	-			
52.5	210.8	-	-	202.4	-	-	-	194.4	-	-	170.4	-	-	-	-	-			
59.1	190.0	-	-	182.5	-	-	-	175.7	-	-	169.1	-	-	146.4	-	-			
65.6	172.8	-	-	166.2	-	-	-	160.1	-	-	154.1	-	-	146.4	-	-			
72.2	158.5	-	-	152.3	-	-	-	146.8	-	-	141.3	-	-	136.2	-	-			
78.7	146.4	-	-	140.7	-	-	-	135.4	-	-	130.3	-	-	125.7	-	-			
85.3	136.0	-	-	130.5	-	-	-	125.4	-	-	120.6	-	-	116.4	-	-			
91.9	125.7	-	-	121.5	-	-	-	116.8	-	-	112.2	-	-	108.2	-	-			
98.4	110.9*	91.3	-	113.1	-	-	-	109.1	-	-	104.9	-	-	101.0	-	-			
105.0	-	83.8	-	103.8	81.1	-	-	102.5	-	-	98.3	-	-	94.6	-	-			
111.5	-	77.2	-	96.1	74.7	-	-	95.0	72.3	-	92.4	-	-	88.8	-	-			
118.1	-	71.4	-	85.8*	69.0	-	-	88.0	67.7	-	86.0	-	-	83.8	-	-			
124.7	-	66.6	-	-	64.2	-	-	82.0	62.6	-	80.0	59.7	-	78.9	-	-			
131.2	-	62.2	-	-	59.5	-	-	76.7	58.0	-	74.5	55.3	-	74.3	53.6	-			
137.8	-	-	-	-	55.8	-	-	68.8*	54.0	-	69.7	51.1	-	69.4	50.5	-			
144.4	-	-	40.3	-	52.0	-	-	-	50.3	-	65.5	47.6	-	65.0	47.0	-			
150.9	-	-	37.7	-	48.9	34.6	-	-	47.0	-	61.7	44.3	-	61.1	43.7	-			
157.5	-	-	35.3	-	-	32.2	-	-	44.1	-	55.6*	41.2	-	57.5	40.8	-			
164.0	-	-	33.1	-	-	30.0	-	-	41.4	28.0	-	38.6	-	54.5	37.9	-			
177.2	-	-	-	-	-	26.2	-	-	-	24.3	-	34.0	21.2	46.5*	33.3	-			
190.3	-	-	-	-	-	-	-	-	-	21.2	-	30.4	18.1	-	29.3	17.2			
203.4	-	-	-	-	-	-	-	-	-	18.7	-	-	15.7	-	26.0	14.6			
216.5	-	-	-	-	-	-	-	-	-	-	-	-	13.7	-	-	12.3			
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.6			
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.0			

* 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



 352,800 lb +  88,200 lb		 29.5-49.2 ft		 23.8 ft		 32.2 ft/s		360°		75%	
 118.1 ft +  78.7 ft											
 0 lb		0 lb - 529,200 lb									
 29.5 ft		29.5 ft - 49.2 ft									
 87°/85°		87°/85°		75°		65°		55°		45°	
ft		1,000 lb									
36.1	-	418.9*		-		-		-		-	
39.4	-	418.9*		-		-		-		-	
45.9	-	418.9		-		-		-		-	
52.5	-	418.9		-		-		-		-	
59.1	-	418.9		-		-		-		-	
65.6	-	418.9		-		-		-		-	
72.2	-	364.9		-		-		-		-	
78.7	-	321.9		368.2		-		-		-	
85.3	-	287.7		336.2		-		-		-	
91.9	-	242.5		308.6		-		-		-	
98.4	-	-		284.4		-		-		-	
111.5	-	-		246.9		239.2		-		-	
124.7	-	-		-		211.0		-		-	
131.2	-	-		-		198.9		-		-	
137.8	-	-		-		-		184.3		-	
150.9	-	-		-		-		166.0		-	

 118.1 ft +  118.1 ft											
ft		1,000 lb									
45.9	-	349.4*		-		-		-		-	
52.5	-	352.7		-		-		-		-	
59.1	-	349.4		-		-		-		-	
65.6	-	339.5		-		-		-		-	
72.2	-	326.3		-		-		-		-	
78.7	-	309.7		-		-		-		-	
85.3	-	292.1		-		-		-		-	
91.9	-	273.4		299.8		-		-		-	
98.4	-	248.0		282.2		-		-		-	
111.5	-	208.3		243.6		-		-		-	
124.7	-	167.6		215.0		-		-		-	
131.2	-	146.6		202.6		195.8		-		-	
137.8	-	-		191.4		185.0		-		-	
150.9	-	-		160.1		166.4		-		-	
164.0	-	-		-		151.0		145.3		-	
177.2	-	-		-		-		134.7		-	
190.3	-	-		-		-		123.9		110.5	
203.4	-	-		-		-		-		105.8	

 118.1 ft +  196.9 ft											
ft		1,000 lb									
62.3	-	175.3*		-		-		-		-	
65.6	-	175.3*		-		-		-		-	
72.2	-	171.7		-		-		-		-	
78.7	-	171.7		-		-		-		-	
85.3	-	168.2		-		-		-		-	
91.9	-	164.5		-		-		-		-	
98.4	-	160.7		-		-		-		-	
111.5	-	152.8		-		-		-		-	
124.7	-	145.1		152.1		-		-		-	
137.8	-	137.3		149.5		-		-		-	
150.9	-	129.6		143.7		-		-		-	
164.0	-	118.8		135.6		-		-		-	
177.2	-	106.5		126.8		130.1		-		-	
190.3	-	92.6		114.0		119.9		-		-	
203.4	-	78.5		102.3		110.7		-		-	
216.5	-	-		92.2		102.5		-		-	
229.7	-	-		-		95.2		92.2		-	
242.8	-	-		-		88.4		86.0		-	
255.9	-	-		-		-		80.5		67.2	
269.0	-	-		-		-		-		65.7	
282.2	-	-		-		-		-		62.8	

	0 lb	88,200 lb	176,400 lb
	264,600 lb	308,700 lb	352,800 lb

* 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

352,800 lb + 88,200 lb		29.5-49.2 ft		23.8 ft	32.2 ft/s	360°	75%
118.1 ft + 236.2 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
72.2	-	117.9*	-	-	-	-	
78.7	-	117.1*	-	-	-	-	
85.3	-	115.7	-	-	-	-	
91.9	-	114.9	-	-	-	-	
98.4	-	113.1	-	-	-	-	
111.5	-	109.6	-	-	-	-	
124.7	-	106.0	-	-	-	-	
137.8	-	103.0	-	-	-	-	
144.4	-	101.4	103.8	-	-	-	
150.9	-	99.9	103.2	-	-	-	
164.0	-	96.6	101.0	-	-	-	
177.2	-	93.7	99.0	-	-	-	
190.3	-	87.5	96.8	-	-	-	
203.4	-	81.4	94.8	91.7	-	-	
216.5	-	75.0	90.6	91.3	-	-	
229.7	-	66.6	82.0	89.7	-	-	
242.8	-	56.9	74.5	86.2	-	-	
255.9	-	-	67.2	78.5	71.0	-	
269.0	-	-	-	71.7	67.9	-	
282.2	-	-	-	65.3	65.0	-	
295.3	-	-	-	-	62.4	56.2	
308.4	-	-	-	-	-	53.8	

118.1 ft + 275.6 ft		0 lb - 529,200 lb					
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
85.3	-	81.8*	-	-	-	-	
91.9	-	80.2*	-	-	-	-	
98.4	-	79.4	-	-	-	-	
111.5	-	76.7	-	-	-	-	
124.7	-	74.1	-	-	-	-	
137.8	-	71.2	-	-	-	-	
150.9	-	69.0	-	-	-	-	
164.0	-	66.8	68.1	-	-	-	
177.2	-	64.8	66.8	-	-	-	
190.3	-	62.6	65.3	-	-	-	
203.4	-	60.4	63.7	-	-	-	
216.5	-	57.8	62.4	-	-	-	
229.7	-	55.1	60.8	58.6	-	-	
242.8	-	52.5	59.5	58.0	-	-	
255.9	-	49.8	57.5	57.1	-	-	
269.0	-	47.2	55.3	56.0	-	-	
282.2	-	41.7	53.4	55.1	52.2	-	
295.3	-	-	50.0	52.7	52.2	-	
308.4	-	-	-	50.5	52.0	-	
321.5	-	-	-	48.1	50.9	45.2	
334.6	-	-	-	-	48.9	45.0	
347.8	-	-	-	-	-	43.4	

137.8 ft + 78.7 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
36.1	-	418.9*	-	-	-	-	
39.4	-	418.9*	-	-	-	-	
45.9	277.8	418.9	-	-	-	-	
52.5	245.8	418.9	-	-	-	-	
59.1	220.2	418.9	-	-	-	-	
65.6	199.3	418.9	-	-	-	-	
72.2	179.9	377.0	-	-	-	-	
78.7	160.7	331.8	-	-	-	-	
85.3	145.1	295.4	332.9	-	-	-	
91.9	131.8	250.2	305.3	-	-	-	
98.4	-	-	282.2	-	-	-	
111.5	-	-	243.6	-	-	-	
118.1	-	-	228.2	220.2	-	-	
124.7	-	-	-	207.0	-	-	
137.8	-	-	-	184.5	-	-	
150.9	-	-	-	-	161.6	-	
157.5	-	-	-	-	153.9	-	

137.8 ft + 118.1 ft		0 lb - 529,200 lb					
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
45.9	-	328.5*	-	-	-	-	
52.5	-	327.4*	-	-	-	-	
55.8	215.0	334.0	-	-	-	-	
59.1	203.9	334.0	-	-	-	-	
65.6	184.7	327.4	-	-	-	-	
72.2	168.7	316.4	-	-	-	-	
78.7	155.0	303.1	-	-	-	-	
85.3	142.0	285.5	-	-	-	-	
91.9	128.8	270.1	-	-	-	-	
98.4	117.7	254.6	278.9	-	-	-	
111.5	99.9	211.4	241.4	-	-	-	
124.7	86.4	169.5	212.3	-	-	-	
131.2	80.9	149.3	200.2	-	-	-	
137.8	-	-	189.2	181.2	-	-	
150.9	-	-	170.2	162.9	-	-	
157.5	-	-	152.3	155.0	-	-	
164.0	-	-	-	147.7	-	-	
177.2	-	-	-	135.1	130.7	-	
190.3	-	-	-	-	120.2	-	

	0 lb	88,200 lb	176,400 lb	264,600 lb	308,700 lb	352,800 lb
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* 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

352,800 lb + 88,200 lb		29.5-49.2 ft		23.8 ft	32.2 ft/s	360°	75%
137.8 ft + 157.5 ft							
0 lb		0 lb - 529,200 lb					
29.5 ft		29.5 ft - 49.2 ft					
		87°/85°	87°/85°	75°	65°	55°	45°
ft		1,000 lb					
55.8	-	233.7*	-	-	-	-	-
59.1	-	233.7*	-	-	-	-	-
65.6	172.0	234.8	-	-	-	-	-
72.2	157.0	232.6	-	-	-	-	-
78.7	144.4	227.1	-	-	-	-	-
85.3	133.4	219.6	-	-	-	-	-
91.9	123.9	210.5	-	-	-	-	-
98.4	115.3	201.3	-	-	-	-	-
111.5	97.7	183.0	-	-	-	-	-
118.1	90.4	173.7	204.1	-	-	-	-
124.7	84.0	164.7	199.5	-	-	-	-
137.8	73.4	149.7	182.1	-	-	-	-
150.9	64.8	132.9	163.8	-	-	-	-
164.0	57.8	110.9	146.2	143.1	-	-	-
177.2	-	-	132.7	130.5	-	-	-
190.3	-	-	114.6	119.9	-	-	-
203.4	-	-	-	110.7	106.7	-	-
216.5	-	-	-	102.7	98.8	-	-
229.7	-	-	-	-	91.9	-	-
242.8	-	-	-	-	-	75.4	-
255.9	-	-	-	-	-	72.1	-

137.8 ft + 196.9 ft							
ft		1,000 lb					
62.3	-	168.0*	-	-	-	-	-
65.6	-	168.0*	-	-	-	-	-
72.2	-	164.7*	-	-	-	-	-
78.7	134.7	165.6	-	-	-	-	-
85.3	124.6	162.3	-	-	-	-	-
91.9	115.5	159.2	-	-	-	-	-
98.4	107.6	155.9	-	-	-	-	-
111.5	94.1	149.3	-	-	-	-	-
124.7	81.8	142.2	-	-	-	-	-
131.2	76.1	138.7	146.8	-	-	-	-
137.8	71.0	135.1	146.8	-	-	-	-
150.9	62.4	128.1	142.4	-	-	-	-
164.0	55.3	119.0	136.2	-	-	-	-
177.2	49.4	107.1	128.3	-	-	-	-
190.3	44.3	92.6	120.6	117.3	-	-	-
203.4	40.1	78.5	110.0	108.0	-	-	-
216.5	-	-	96.1	99.9	-	-	-
229.7	-	-	82.2	92.8	80.7	-	-
242.8	-	-	-	86.6	78.9	-	-
255.9	-	-	-	81.1	75.4	-	-
269.0	-	-	-	-	72.1	63.3	-
282.2	-	-	-	-	-	61.9	-
295.3	-	-	-	-	-	59.3	-

137.8 ft + 236.2 ft							
ft		1,000 lb					
72.2	-	114.4*	-	-	-	-	-
78.7	-	113.5*	-	-	-	-	-
85.3	107.8	112.4	-	-	-	-	-
91.9	107.8	111.8	-	-	-	-	-
98.4	100.3	110.0	-	-	-	-	-
111.5	87.7	106.9	-	-	-	-	-
124.7	77.4	103.6	-	-	-	-	-
137.8	68.8	100.8	-	-	-	-	-
150.9	60.0	97.9	100.8	-	-	-	-
164.0	52.9	95.2	99.4	-	-	-	-
177.2	47.0	92.6	97.7	-	-	-	-
190.3	41.9	87.7	95.9	-	-	-	-
203.4	37.3	82.2	93.9	-	-	-	-
216.5	33.1	76.3	92.2	89.1	-	-	-
229.7	29.5	66.6	88.2	89.1	-	-	-
242.8	26.5	56.7	79.1	83.8	-	-	-
255.9	-	-	69.7	78.3	-	-	-
269.0	-	-	60.0	73.2	67.5	-	-
282.2	-	-	-	68.8	64.8	-	-
295.3	-	-	-	-	61.5	-	-
308.4	-	-	-	-	58.0	52.9	-
321.5	-	-	-	-	-	50.7	-

137.8 ft + 275.6 ft							
ft		1,000 lb					
85.3	-	79.4*	-	-	-	-	-
91.9	-	78.0*	-	-	-	-	-
98.4	73.9	77.2	-	-	-	-	-
111.5	72.5	75.2	-	-	-	-	-
124.7	70.5	72.5	-	-	-	-	-
137.8	63.3	70.1	-	-	-	-	-
150.9	56.2	67.9	-	-	-	-	-
164.0	50.3	65.9	65.7	-	-	-	-
177.2	45.2	63.7	65.0	-	-	-	-
190.3	40.1	61.7	63.5	-	-	-	-
203.4	35.3	59.7	62.2	-	-	-	-
216.5	31.1	57.8	60.8	-	-	-	-
229.7	27.1	55.6	59.7	56.7	-	-	-
242.8	23.8	53.4	58.6	56.7	-	-	-
255.9	20.9	51.1	56.9	56.4	-	-	-
269.0	18.3	48.7	54.5	55.6	-	-	-
282.2	15.9	41.2	52.0	54.9	-	-	-
295.3	-	-	49.6	53.6	50.9	-	-
308.4	-	-	44.3	51.6	50.9	-	-
321.5	-	-	-	49.4	50.9	-	-
334.6	-	-	-	-	49.2	42.5	-
347.8	-	-	-	-	46.3	42.3	-
360.9	-	-	-	-	-	40.8	-

	0 lb	88,200 lb	176,400 lb	264,600 lb	308,700 lb	352,800 lb
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* 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

352,800 lb + 88,200 lb 29.5-49.2 ft							23.8 ft 32.2 ft/s 360° 75%						
157.5 ft + 78.7 ft							157.5 ft + 157.5 ft						
0 lb 0 lb - 529,200 lb							0 lb 0 lb - 529,200 lb						
29.5 ft 29.5 ft - 49.2 ft							29.5 ft 29.5 ft - 49.2 ft						
ft	87°/85°	87°/85°	75°	65°	55°	45°	ft	87°/85°	87°/85°	75°	65°	55°	45°
1,000 lb							1,000 lb						
39.4	312.0*	407.9*	-	-	-	-	55.8	196.7*	215.6*	-	-	-	-
45.9	272.3*	407.9	-	-	-	-	59.1	187.0*	215.6*	-	-	-	-
52.5	241.4*	407.9	-	-	-	-	65.6	170.0*	216.9	-	-	-	-
59.1	216.9*	407.9	-	-	-	-	72.2	155.6*	216.7	-	-	-	-
65.6	196.7*	396.8	-	-	-	-	78.7	143.3*	214.1	-	-	-	-
72.2	179.9*	380.3	-	-	-	-	85.3	132.5*	209.0	-	-	-	-
78.7	162.7*	341.7	-	-	-	-	91.9	123.2*	201.7	-	-	-	-
85.3	146.8*	303.1	328.5	-	-	-	98.4	114.9*	193.8	-	-	-	-
91.9	133.6*	264.6	302.0	-	-	-	111.5	99.2*	177.9	-	-	-	-
98.4	-	-	278.9	-	-	-	118.1	91.9*	170.0	197.5	-	-	-
111.5	-	-	241.4	-	-	-	124.7	85.5*	162.0	196.9	-	-	-
124.7	-	-	212.3	202.6	-	-	137.8	74.5*	147.9	181.2	-	-	-
137.8	-	-	-	180.6	-	-	150.9	65.9*	134.9	162.9	-	-	-
150.9	-	-	-	162.5	-	-	164.0	58.9*	114.4	147.7	-	-	-
157.5	-	-	-	-	149.3	-	177.2	-	-	134.9	127.2	-	-
164.0	-	-	-	-	142.2	-	190.3	-	-	123.5	116.8	-	-
							203.4	-	-	-	107.8	-	-
							216.5	-	-	-	99.9	95.2	-
							229.7	-	-	-	-	88.4	-
							242.8	-	-	-	-	82.7	-
							255.9	-	-	-	-	-	70.1
							269.0	-	-	-	-	-	67.0

157.5 ft + 118.1 ft						
1,000 lb						
45.9	250.2*	300.9*	-	-	-	-
52.5	222.7*	298.7*	-	-	-	-
59.1	201.1*	306.4	-	-	-	-
65.6	182.5*	300.9	-	-	-	-
72.2	166.9*	294.3	-	-	-	-
78.7	153.7*	286.6	-	-	-	-
85.3	142.4*	274.5	-	-	-	-
91.9	130.7*	262.4	-	-	-	-
98.4	119.5*	251.3	-	-	-	-
105.0	109.8*	237.0	255.7	-	-	-
111.5	101.4*	218.0	238.1	-	-	-
124.7	87.7*	175.7	209.7	-	-	-
131.2	79.8	155.6	197.5	-	-	-
137.8	-	-	186.5	-	-	-
150.9	-	-	167.8	159.2	-	-
157.5	-	-	159.6	151.2	-	-
164.0	-	-	-	144.2	-	-
177.2	-	-	-	131.8	-	-
190.3	-	-	-	-	116.0	-
203.4	-	-	-	-	107.1	-

157.5 ft + 196.9 ft						
1,000 lb						
65.6	150.6*	155.0*	-	-	-	-
72.2	145.3*	153.4*	-	-	-	-
78.7	133.8*	153.4	-	-	-	-
85.3	123.7*	152.3	-	-	-	-
91.9	114.9*	149.9	-	-	-	-
98.4	107.1*	147.3	-	-	-	-
111.5	93.9*	141.5	-	-	-	-
124.7	83.3*	135.4	-	-	-	-
137.8	72.5*	129.2	139.6	-	-	-
150.9	63.7*	123.0	137.8	-	-	-
164.0	56.4*	115.7	133.6	-	-	-
177.2	50.3*	108.0	127.4	-	-	-
190.3	45.2*	95.0	121.5	113.8	-	-
203.4	41.0*	80.9	112.0	104.9	-	-
216.5	-	-	101.6	97.2	-	-
229.7	-	-	88.2	90.2	-	-
242.8	-	-	-	84.2	75.6	-
255.9	-	-	-	78.7	73.9	-
269.0	-	-	-	-	69.7	-
282.2	-	-	-	-	65.5	-
288.7	-	-	-	-	-	58.6
295.3	-	-	-	-	-	57.3
308.4	-	-	-	-	-	54.5

0 lb	88,200 lb	176,400 lb
264,600 lb	308,700 lb	352,800 lb

* 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

352,800 lb + 88,200 lb		29.5-49.2 ft		23.8 ft	32.2 ft/s	360°	75%
157.5 ft + 236.2 ft							
0 lb		0 lb - 529,200 lb					
29.5 ft		29.5 ft - 49.2 ft					
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
72.2	102.7*	107.6*	-	-	-	-	
78.7	102.7*	107.6*	-	-	-	-	
85.3	101.9*	105.8*	-	-	-	-	
91.9	102.5	106.3	-	-	-	-	
98.4	100.1*	104.9	-	-	-	-	
111.5	87.5*	102.1	-	-	-	-	
124.7	77.4*	99.4	-	-	-	-	
137.8	68.8*	96.8	-	-	-	-	
150.9	61.3*	94.4	-	-	-	-	
157.5	57.5*	93.3	95.7	-	-	-	
164.0	54.0*	92.2	95.5	-	-	-	
177.2	48.1*	89.7	94.4	-	-	-	
190.3	42.8*	86.0	93.0	-	-	-	
203.4	38.4*	81.4	91.7	-	-	-	
216.5	34.4*	76.9	90.2	85.3	-	-	
229.7	30.9*	68.1	88.0	85.3	-	-	
242.8	27.6*	58.4	82.7	81.4	-	-	
255.9	-	-	73.6	75.8	-	-	
269.0	-	-	64.2	70.8	63.7	-	
282.2	-	-	-	66.6	62.4	-	
295.3	-	-	-	62.6	58.4	-	
308.4	-	-	-	-	55.1	-	
321.5	-	-	-	-	52.0	48.1	
334.6	-	-	-	-	-	45.4	
347.8	-	-	-	-	-	43.0	

157.5 ft + 275.6 ft							
ft		1,000 lb					
85.3	71.2*	75.4*	-	-	-	-	
91.9	71.0*	74.7*	-	-	-	-	
98.4	70.5	74.1	-	-	-	-	
111.5	69.9	72.3	-	-	-	-	
124.7	68.3	69.9	-	-	-	-	
137.8	63.3*	67.7	-	-	-	-	
150.9	56.4*	65.7	-	-	-	-	
164.0	50.5*	63.9	-	-	-	-	
177.2	45.4*	61.9	62.8	-	-	-	
190.3	40.8*	60.2	61.7	-	-	-	
203.4	36.6*	58.4	60.6	-	-	-	
216.5	32.4*	56.7	59.7	-	-	-	
229.7	28.7*	54.9	58.6	-	-	-	
242.8	25.1*	53.1	57.5	54.2	-	-	
255.9	22.0*	51.1	56.4	54.2	-	-	
269.0	19.4*	49.4	54.5	54.2	-	-	
282.2	17.0*	42.8	52.2	53.8	-	-	
295.3	-	-	50.0	53.4	-	-	
308.4	-	-	47.6	52.0	47.0	-	
321.5	-	-	-	50.3	47.0	-	
334.6	-	-	-	48.3	46.5	-	
347.8	-	-	-	-	43.9	38.8	
360.9	-	-	-	-	41.4	37.9	
374.0	-	-	-	-	-	35.7	

177.2 ft + 78.7 ft							
ft		1,000 lb					
39.4	297.6*	379.2*	-	-	-	-	
45.9	260.1*	379.2*	-	-	-	-	
52.5	231.5*	379.2	-	-	-	-	
59.1	208.8*	374.8	-	-	-	-	
65.6	189.8*	360.5	-	-	-	-	
72.2	173.9*	347.2	-	-	-	-	
78.7	160.5*	332.9	-	-	-	-	
85.3	145.7*	308.6	-	-	-	-	
91.9	132.5*	276.7	297.6	-	-	-	
98.4	117.9	230.4	274.5	-	-	-	
111.5	-	-	238.1	-	-	-	
124.7	-	-	209.4	-	-	-	
131.2	-	-	-	186.5	-	-	
137.8	-	-	-	176.1	-	-	
150.9	-	-	-	158.5	-	-	
157.5	-	-	-	151.0	-	-	

177.2 ft + 118.1 ft							
ft		1,000 lb					
49.2	227.1*	278.9*	-	-	-	-	
52.5	214.7*	275.6*	-	-	-	-	
59.1	193.6*	278.9	-	-	-	-	
65.6	176.1*	275.6	-	-	-	-	
72.2	161.4*	270.1	-	-	-	-	
78.7	148.6*	263.5	-	-	-	-	
85.3	137.8*	255.7	-	-	-	-	
91.9	128.3*	249.1	-	-	-	-	
98.4	118.6*	241.4	-	-	-	-	
111.5	100.5*	221.6	234.8	-	-	-	
124.7	87.1*	181.4	206.6	-	-	-	
131.2	81.4*	161.6	194.7	-	-	-	
137.8	73.9	139.8	183.9	-	-	-	
150.9	-	-	165.1	-	-	-	
157.5	-	-	157.2	147.5	-	-	
164.0	-	-	149.9	140.4	-	-	
177.2	-	-	-	128.1	-	-	
190.3	-	-	-	117.7	-	-	
203.4	-	-	-	-	103.0	-	
216.5	-	-	-	-	95.5	-	

0 lb

88,200 lb

176,400 lb

264,600 lb

308,700 lb

352,800 lb

* 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

352,800 lb + 88,200 lb 29.5-49.2 ft							23.8 ft 32.2 ft/s 360° 75%						
177.2 ft + 157.5 ft							177.2 ft + 236.2 ft						
0 lb 0 lb - 529,200 lb							0 lb 0 lb - 529,200 lb						
29.5 ft 29.5 ft - 49.2 ft							29.5 ft 29.5 ft - 49.2 ft						
ft	87°/85°	87°/85°	75°	65°	55°	45°	ft	87°/85°	87°/85°	75°	65°	55°	45°
1,000 lb							1,000 lb						
55.8	189.2*	202.6*	-	-	-	-	78.7	98.3*	103.2*	-	-	-	-
59.1	179.9*	202.6*	-	-	-	-	85.3	97.9*	101.6*	-	-	-	-
65.6	163.8*	200.4*	-	-	-	-	91.9	98.8	101.6	-	-	-	-
72.2	150.1*	204.8	-	-	-	-	98.4	96.3*	101.2	-	-	-	-
78.7	138.5*	202.2	-	-	-	-	111.5	84.7*	98.5	-	-	-	-
85.3	128.1*	199.1	-	-	-	-	124.7	74.7*	96.1	-	-	-	-
91.9	119.3*	194.0	-	-	-	-	137.8	66.6*	93.9	-	-	-	-
98.4	111.3*	188.3	-	-	-	-	150.9	59.5*	91.7	-	-	-	-
111.5	98.1*	174.2	-	-	-	-	157.5	56.4*	90.6	92.6	-	-	-
124.7	84.7*	160.1	187.8	-	-	-	164.0	53.6*	89.5	92.6	-	-	-
137.8	73.9*	146.8	178.6	-	-	-	177.2	47.4*	87.3	92.2	-	-	-
150.9	65.3*	134.7	160.5	-	-	-	190.3	42.3*	84.2	91.1	-	-	-
164.0	58.2*	117.5	145.5	-	-	-	203.4	37.9*	80.2	89.7	-	-	-
177.2	-	-	132.7	123.7	-	-	216.5	33.7*	76.3	88.4	-	-	-
190.3	-	-	121.9	113.5	-	-	229.7	30.4*	69.7	86.9	80.5	-	-
203.4	-	-	110.5	104.7	-	-	242.8	27.1*	60.0	82.9	78.5	-	-
216.5	-	-	-	97.0	-	-	255.9	-	-	77.4	73.2	-	-
229.7	-	-	-	90.2	84.0	-	269.0	-	-	68.1	68.3	-	-
242.8	-	-	-	-	79.1	-	282.2	-	-	58.2	64.2	59.1	-
255.9	-	-	-	-	74.1	-	295.3	-	-	-	60.2	55.3	-
269.0	-	-	-	-	-	64.2	308.4	-	-	-	56.7	52.0	-
282.2	-	-	-	-	-	60.8	321.5	-	-	-	-	48.9	-
							334.6	-	-	-	-	46.3	41.9
							347.8	-	-	-	-	-	39.5
							360.9	-	-	-	-	-	37.5

177.2 ft + 196.9 ft							177.2 ft + 275.6 ft						
0 lb 88,200 lb 176,400 lb							0 lb 88,200 lb 176,400 lb						
264,600 lb 308,700 lb 352,800 lb							264,600 lb 308,700 lb 352,800 lb						
ft	87°/85°	87°/85°	75°	65°	55°	45°	ft	87°/85°	87°/85°	75°	65°	55°	45°
65.6	142.2*	146.8*	-	-	-	-	85.3	68.6*	72.3*	-	-	-	-
72.2	140.0*	145.5*	-	-	-	-	91.9	68.6*	71.9*	-	-	-	-
78.7	129.2*	146.6	-	-	-	-	98.4	68.1	70.8	-	-	-	-
85.3	119.5*	145.7	-	-	-	-	111.5	67.9	69.9	-	-	-	-
91.9	111.1*	143.7	-	-	-	-	124.7	65.5	68.1	-	-	-	-
98.4	103.6*	141.5	-	-	-	-	137.8	61.1*	65.9	-	-	-	-
111.5	91.1*	136.5	-	-	-	-	150.9	54.5*	64.2	-	-	-	-
124.7	80.7*	130.7	-	-	-	-	164.0	48.7*	62.4	-	-	-	-
137.8	71.9*	125.2	-	-	-	-	177.2	43.7*	60.6	60.8	-	-	-
144.4	67.2*	122.4	133.8	-	-	-	190.3	39.2*	58.9	60.4	-	-	-
150.9	63.1*	119.5	133.4	-	-	-	203.4	35.5*	57.3	59.7	-	-	-
164.0	55.8*	113.5	130.5	-	-	-	216.5	32.0*	55.6	59.1	-	-	-
177.2	49.8*	106.7	126.1	-	-	-	229.7	28.2*	54.0	58.0	-	-	-
190.3	44.8*	97.0	119.5	-	-	-	242.8	24.9*	52.5	56.9	-	-	-
203.4	40.3*	83.1	110.0	101.9	-	-	255.9	21.8*	50.7	56.0	52.7	-	-
216.5	-	-	101.9	94.1	-	-	269.0	19.2*	49.2	54.2	52.7	-	-
229.7	-	-	93.5	87.3	-	-	282.2	16.8*	44.1	52.2	52.5	-	-
242.8	-	-	79.6	81.4	-	-	295.3	-	-	50.3	52.5	-	-
255.9	-	-	-	76.1	71.0	-	308.4	-	-	48.3	52.5	44.5	-
269.0	-	-	-	71.4	66.4	-	321.5	-	-	-	50.9	44.5	-
282.2	-	-	-	-	62.2	-	334.6	-	-	-	48.3	43.9	-
295.3	-	-	-	-	58.6	-	347.8	-	-	-	45.4	41.2	-
308.4	-	-	-	-	-	50.7	360.9	-	-	-	-	38.8	-
321.5	-	-	-	-	-	48.1	374.0	-	-	-	-	36.6	31.7
							387.1	-	-	-	-	-	29.5
							400.3	-	-	-	-	-	27.6

* 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

352,800 lb + 88,200 lb		29.5-49.2 ft		23.8 ft	32.2 ft/s	360°	75%
196.9 ft + 78.7 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
39.4	283.3*	339.5*	-	-	-	-	
45.9	249.1*	335.1*	-	-	-	-	
52.5	222.7*	342.8	-	-	-	-	
59.1	200.8*	332.9	-	-	-	-	
65.6	183.0*	320.8	-	-	-	-	
72.2	167.8*	308.6	-	-	-	-	
78.7	155.0*	296.5	-	-	-	-	
85.3	144.2*	283.3	-	-	-	-	
91.9	131.4*	267.9	-	-	-	-	
98.4	116.4	243.6	271.2	-	-	-	
111.5	-	-	233.7	-	-	-	
124.7	-	-	206.4	-	-	-	
131.2	-	-	194.4	-	-	-	
144.4	-	-	-	162.5	-	-	
150.9	-	-	-	154.3	-	-	
164.0	-	-	-	140.0	-	-	

196.9 ft + 118.1 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
49.2	217.6*	246.9*	-	-	-	-	
52.5	206.1*	246.9*	-	-	-	-	
59.1	186.3*	249.1	-	-	-	-	
65.6	169.8*	246.9	-	-	-	-	
72.2	155.6*	241.4	-	-	-	-	
78.7	143.5*	235.9	-	-	-	-	
85.3	133.2*	229.3	-	-	-	-	
91.9	124.1*	222.7	-	-	-	-	
98.4	116.2*	216.7	-	-	-	-	
111.5	99.6*	202.4	231.5	-	-	-	
124.7	86.2*	186.1	203.3	-	-	-	
131.2	80.5*	167.1	191.4	-	-	-	
137.8	72.5	146.4	180.8	-	-	-	
150.9	-	-	162.5	-	-	-	
164.0	-	-	147.3	136.5	-	-	
177.2	-	-	-	124.3	-	-	
190.3	-	-	-	114.2	-	-	
203.4	-	-	-	105.4	-	-	
216.5	-	-	-	-	91.3	-	
229.7	-	-	-	-	84.9	-	

196.9 ft + 157.5 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
59.1	173.1*	183.0*	-	-	-	-	
65.6	157.6*	181.4*	-	-	-	-	
72.2	144.8*	185.0	-	-	-	-	
78.7	133.6*	182.5	-	-	-	-	
85.3	123.9*	179.9	-	-	-	-	
91.9	115.3*	176.6	-	-	-	-	
98.4	107.6*	173.1	-	-	-	-	
111.5	94.8*	162.9	-	-	-	-	
124.7	84.0*	152.8	-	-	-	-	
131.2	78.3*	147.9	174.6	-	-	-	
137.8	73.2*	142.6	174.2	-	-	-	
150.9	64.6*	131.8	157.9	-	-	-	
164.0	57.5*	120.6	142.9	-	-	-	
177.2	49.4	97.9	130.3	-	-	-	
190.3	-	-	119.7	110.0	-	-	
203.4	-	-	110.5	101.4	-	-	
216.5	-	-	-	93.9	-	-	
229.7	-	-	-	87.3	-	-	
242.8	-	-	-	81.6	75.2	-	
255.9	-	-	-	-	70.3	-	
269.0	-	-	-	-	66.1	-	
282.2	-	-	-	-	-	56.7	
295.3	-	-	-	-	-	53.6	

196.9 ft + 196.9 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
65.6	131.2*	135.1*	-	-	-	-	
72.2	131.2*	134.5*	-	-	-	-	
78.7	124.3*	135.6	-	-	-	-	
85.3	115.3*	135.6	-	-	-	-	
91.9	107.1*	133.8	-	-	-	-	
98.4	100.1*	132.1	-	-	-	-	
111.5	88.0*	127.9	-	-	-	-	
124.7	78.0*	123.0	-	-	-	-	
137.8	69.7*	118.2	-	-	-	-	
150.9	62.4*	113.3	124.6	-	-	-	
164.0	55.1*	108.0	123.0	-	-	-	
177.2	49.2*	102.5	120.4	-	-	-	
190.3	44.1*	97.0	116.2	-	-	-	
203.4	39.9*	85.1	108.0	-	-	-	
216.5	-	-	99.9	91.1	-	-	
229.7	-	-	92.8	84.4	-	-	
242.8	-	-	85.3	78.5	-	-	
255.9	-	-	-	73.4	-	-	
269.0	-	-	-	68.8	62.8	-	
282.2	-	-	-	-	58.9	-	
295.3	-	-	-	-	55.3	-	
308.4	-	-	-	-	52.2	-	
321.5	-	-	-	-	-	44.3	
334.6	-	-	-	-	-	41.9	

0 lb	88,200 lb	176,400 lb
264,600 lb	308,700 lb	352,800 lb

* 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

352,800 lb + 88,200 lb		29.5-49.2 ft		23.8 ft	32.2 ft/s	360°	75%
196.9 ft + 236.2 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
78.7	92.2*	96.1*	-	-	-	-	
85.3	91.7*	95.0*	-	-	-	-	
91.9	92.6	95.2	-	-	-	-	
98.4	90.4*	94.8	-	-	-	-	
111.5	81.6*	92.8	-	-	-	-	
124.7	72.1*	90.8	-	-	-	-	
137.8	64.2*	88.8	-	-	-	-	
150.9	57.5*	87.1	-	-	-	-	
164.0	51.6*	85.1	87.3	-	-	-	
177.2	46.7*	83.3	87.3	-	-	-	
190.3	41.9*	80.9	87.1	-	-	-	
203.4	37.3*	77.2	86.2	-	-	-	
216.5	33.3*	73.4	85.1	-	-	-	
229.7	29.8*	69.7	84.2	74.5	-	-	
242.8	26.7*	61.5	81.8	74.5	-	-	
255.9	-	-	78.0	70.3	-	-	
269.0	-	-	71.7	65.7	-	-	
282.2	-	-	62.4	61.5	-	-	
295.3	-	-	-	57.8	52.2	-	
308.4	-	-	-	54.2	48.9	-	
321.5	-	-	-	-	46.1	-	
334.6	-	-	-	-	43.4	-	
347.8	-	-	-	-	41.0	35.5	
360.9	-	-	-	-	-	33.3	
374.0	-	-	-	-	-	31.1	

196.9 ft + 275.6 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
85.3	64.6*	68.3*	-	-	-	-	
91.9	64.6*	67.9*	-	-	-	-	
98.4	64.2*	66.8*	-	-	-	-	
111.5	64.2	66.4	-	-	-	-	
124.7	62.4	64.4	-	-	-	-	
137.8	58.6*	62.6	-	-	-	-	
150.9	52.2*	60.8	-	-	-	-	
164.0	46.7*	59.3	-	-	-	-	
177.2	41.9*	58.0	-	-	-	-	
190.3	37.7*	56.4	58.2	-	-	-	
203.4	34.0*	54.9	57.5	-	-	-	
216.5	30.6*	53.4	56.7	-	-	-	
229.7	27.6*	51.8	56.0	-	-	-	
242.8	24.5*	50.3	55.1	-	-	-	
255.9	21.4*	48.7	54.5	50.5	-	-	
269.0	18.7*	47.0	53.4	50.5	-	-	
282.2	16.3*	45.2	51.8	50.3	-	-	
295.3	-	-	50.3	50.3	-	-	
308.4	-	-	48.5	50.3	-	-	
321.5	-	-	46.3	48.9	42.5	-	
334.6	-	-	-	46.1	41.0	-	
347.8	-	-	-	43.4	38.4	-	
360.9	-	-	-	-	35.9	-	
374.0	-	-	-	-	33.5	-	
387.1	-	-	-	-	31.3	25.4	
400.3	-	-	-	-	-	23.6	
413.4	-	-	-	-	-	21.8	

216.5 ft + 78.7 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
42.7	253.5*	295.4*	-	-	-	-	
45.9	239.2*	291.0*	-	-	-	-	
52.5	213.8*	295.4	-	-	-	-	
59.1	193.3*	288.8	-	-	-	-	
65.6	176.4*	278.9	-	-	-	-	
72.2	162.0*	269.0	-	-	-	-	
78.7	149.9*	257.9	-	-	-	-	
85.3	139.3*	248.0	-	-	-	-	
91.9	130.5*	239.2	-	-	-	-	
98.4	114.9	230.4	-	-	-	-	
105.0	-	-	248.0	-	-	-	
111.5	-	-	230.4	-	-	-	
124.7	-	-	203.3	-	-	-	
137.8	-	-	181.0	-	-	-	
150.9	-	-	-	150.4	-	-	
164.0	-	-	-	136.2	-	-	
190.3	-	-	-	-	106.5	-	
203.4	-	-	-	-	98.3	-	

216.5 ft + 118.1 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
49.2	208.8*	218.5*	-	-	-	-	
52.5	198.0*	218.5*	-	-	-	-	
59.1	179.2*	213.6*	-	-	-	-	
65.6	163.6*	218.9	-	-	-	-	
72.2	150.1*	214.3	-	-	-	-	
78.7	138.7*	208.8	-	-	-	-	
85.3	128.8*	203.0	-	-	-	-	
91.9	120.2*	197.3	-	-	-	-	
98.4	112.4*	191.4	-	-	-	-	
111.5	98.8*	179.7	-	-	-	-	
118.1	91.5*	174.4	208.3	-	-	-	
124.7	85.3*	169.3	200.2	-	-	-	
131.2	79.8*	164.0	188.5	-	-	-	
137.8	71.4	152.1	177.9	-	-	-	
150.9	-	-	159.8	-	-	-	
164.0	-	-	144.8	-	-	-	
177.2	-	-	132.3	120.8	-	-	
190.3	-	-	-	110.7	-	-	
203.4	-	-	-	102.1	-	-	
229.7	-	-	-	-	80.9	-	
242.8	-	-	-	-	75.6	-	

* 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

352,800 lb + 88,200 lb		29.5-49.2 ft		23.8 ft	32.2 ft/s	360°	75%
216.5 ft + 157.5 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft		87°/85° 87°/85° 75° 65° 55° 45°	
ft	1,000 lb	ft	1,000 lb	ft	1,000 lb	ft	1,000 lb
59.1	159.0*	164.5*	-	-	-	-	-
65.6	151.9*	162.9*	-	-	-	-	-
72.2	139.6*	165.3	-	-	-	-	-
78.7	128.8*	164.0	-	-	-	-	-
85.3	119.5*	161.4	-	-	-	-	-
91.9	111.3*	158.3	-	-	-	-	-
98.4	104.1*	155.2	-	-	-	-	-
111.5	91.7*	148.2	-	-	-	-	-
124.7	81.8*	141.1	-	-	-	-	-
137.8	72.5*	133.8	157.0	-	-	-	-
150.9	63.9*	125.7	154.8	-	-	-	-
164.0	56.9*	117.5	140.4	-	-	-	-
177.2	48.3	101.2	128.1	-	-	-	-
190.3	-	-	117.5	-	-	-	-
203.4	-	-	108.5	98.1	-	-	-
216.5	-	-	100.5	90.8	-	-	-
229.7	-	-	-	84.2	-	-	-
242.8	-	-	-	78.7	-	-	-
255.9	-	-	-	-	66.8	-	-
269.0	-	-	-	-	62.6	-	-
282.2	-	-	-	-	58.9	-	-
295.3	-	-	-	-	-	49.6	-
308.4	-	-	-	-	-	46.7	-

216.5 ft + 196.9 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft		87°/85° 87°/85° 75° 65° 55° 45°	
ft	1,000 lb	ft	1,000 lb	ft	1,000 lb	ft	1,000 lb
72.2	118.8*	123.0*	-	-	-	-	-
78.7	118.4*	121.5*	-	-	-	-	-
85.3	111.1*	123.7	-	-	-	-	-
91.9	103.4*	122.1	-	-	-	-	-
98.4	96.6*	120.8	-	-	-	-	-
111.5	84.9*	117.3	-	-	-	-	-
124.7	75.4*	113.3	-	-	-	-	-
137.8	67.5*	109.1	-	-	-	-	-
150.9	60.6*	104.7	114.9	-	-	-	-
164.0	54.7*	100.3	114.6	-	-	-	-
177.2	48.7*	95.7	113.3	-	-	-	-
190.3	43.7*	90.8	110.2	-	-	-	-
203.4	39.2*	86.0	106.0	-	-	-	-
216.5	33.1	72.5	98.1	84.7	-	-	-
229.7	-	-	91.1	81.6	-	-	-
242.8	-	-	84.9	75.8	-	-	-
255.9	-	-	-	70.8	-	-	-
269.0	-	-	-	66.1	-	-	-
282.2	-	-	-	62.2	55.8	-	-
295.3	-	-	-	-	52.2	-	-
308.4	-	-	-	-	49.2	-	-
321.5	-	-	-	-	46.3	-	-
334.6	-	-	-	-	-	38.1	-
347.8	-	-	-	-	-	35.7	-

0 lb	88,200 lb	176,400 lb
264,600 lb	308,700 lb	352,800 lb

* 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 + 236.2 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft		87°/85° 87°/85° 75° 65° 55° 45°	
ft	1,000 lb	ft	1,000 lb	ft	1,000 lb	ft	1,000 lb
78.7	85.5*	88.8*	-	-	-	-	-
85.3	85.5*	88.2*	-	-	-	-	-
91.9	86.2	88.4	-	-	-	-	-
98.4	84.4	88.4	-	-	-	-	-
111.5	78.7*	86.9	-	-	-	-	-
124.7	69.4*	85.3	-	-	-	-	-
137.8	61.9*	83.6	-	-	-	-	-
150.9	55.3*	81.4	-	-	-	-	-
164.0	49.8*	79.6	-	-	-	-	-
177.2	45.0*	77.6	82.0	-	-	-	-
190.3	40.8*	75.4	82.0	-	-	-	-
203.4	36.6*	72.1	81.6	-	-	-	-
216.5	32.6*	69.0	80.5	-	-	-	-
229.7	29.3*	65.7	79.6	-	-	-	-
242.8	26.0*	62.4	78.7	69.0	-	-	-
255.9	-	-	75.8	67.7	-	-	-
269.0	-	-	71.7	63.3	-	-	-
282.2	-	-	66.1	59.1	-	-	-
295.3	-	-	-	55.3	-	-	-
308.4	-	-	-	52.0	45.9	-	-
321.5	-	-	-	48.9	43.0	-	-
334.6	-	-	-	-	40.6	-	-
347.8	-	-	-	-	38.1	-	-
360.9	-	-	-	-	35.9	28.9	-
374.0	-	-	-	-	-	26.9	-
387.1	-	-	-	-	-	25.1	-

216.5 ft + 275.6 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft		87°/85° 87°/85° 75° 65° 55° 45°	
ft	1,000 lb	ft	1,000 lb	ft	1,000 lb	ft	1,000 lb
85.3	60.2*	62.6*	-	-	-	-	-
91.9	60.2*	62.6*	-	-	-	-	-
98.4	59.7*	61.7*	-	-	-	-	-
111.5	60.0	61.5	-	-	-	-	-
124.7	59.1	60.2	-	-	-	-	-
137.8	56.4*	58.9	-	-	-	-	-
150.9	50.3*	57.5	-	-	-	-	-
164.0	45.0*	56.2	-	-	-	-	-
177.2	40.1*	54.9	-	-	-	-	-
190.3	36.2*	53.6	54.7	-	-	-	-
203.4	32.4*	52.2	54.5	-	-	-	-
216.5	29.1*	50.9	54.0	-	-	-	-
229.7	26.2*	49.2	53.6	-	-	-	-
242.8	23.6*	47.6	52.9	-	-	-	-
255.9	20.9*	46.1	52.2	-	-	-	-
269.0	18.3*	44.5	51.6	46.5	-	-	-
282.2	15.9*	43.0	50.7	46.5	-	-	-
295.3	-	-	49.4	46.5	-	-	-
308.4	-	-	48.1	46.5	-	-	-
321.5	-	-	46.7	46.5	-	-	-
334.6	-	-	-	43.9	37.7	-	-
347.8	-	-	-	41.2	34.8	-	-
360.9	-	-	-	39.0	32.4	-	-
374.0	-	-	-	-	30.2	-	-
387.1	-	-	-	-	28.0	-	-
400.3	-	-	-	-	-	19.6	-
413.4	-	-	-	-	-	18.1	-
426.5	-	-	-	-	-	16.5	-

352,800 lb + 88,200 lb		29.5-49.2 ft		23.8 ft	32.2 ft/s	360°	75%
236.2 ft + 78.7 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
42.7	242.5*	255.7*	-	-	-	-	
45.9	228.2*	252.4*	-	-	-	-	
52.5	205.0*	254.6	-	-	-	-	
59.1	185.8*	250.2	-	-	-	-	
65.6	169.5*	242.5	-	-	-	-	
72.2	156.1*	233.7	-	-	-	-	
78.7	144.4*	224.9	-	-	-	-	
85.3	134.5*	217.2	-	-	-	-	
91.9	125.9*	209.2	-	-	-	-	
98.4	112.0	201.7	-	-	-	-	
111.5	-	-	227.1	-	-	-	
124.7	-	-	199.5	-	-	-	
137.8	-	-	177.7	-	-	-	
144.4	-	-	168.2	-	-	-	
157.5	-	-	-	138.5	-	-	
164.0	-	-	-	131.8	-	-	
177.2	-	-	-	120.4	-	-	
203.4	-	-	-	-	93.5	-	
216.5	-	-	-	-	86.6	-	

236.2 ft + 118.1 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
52.5	184.1*	192.2*	-	-	-	-	
59.1	172.0*	187.6*	-	-	-	-	
65.6	157.2*	192.0	-	-	-	-	
72.2	144.6*	187.6	-	-	-	-	
78.7	133.6*	183.0	-	-	-	-	
85.3	124.1*	177.9	-	-	-	-	
91.9	116.0*	172.6	-	-	-	-	
98.4	108.5*	167.3	-	-	-	-	
111.5	96.1*	157.2	-	-	-	-	
124.7	84.4*	147.9	179.0	-	-	-	
131.2	78.7*	143.3	177.3	-	-	-	
137.8	70.1	138.7	173.5	-	-	-	
150.9	-	-	156.7	-	-	-	
164.0	-	-	142.0	-	-	-	
177.2	-	-	129.4	-	-	-	
190.3	-	-	-	106.7	-	-	
203.4	-	-	-	98.3	-	-	
216.5	-	-	-	91.1	-	-	
229.7	-	-	-	-	76.5	-	
242.8	-	-	-	-	71.4	-	
255.9	-	-	-	-	66.8	-	

236.2 ft + 157.5 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
59.1	139.8*	145.7*	-	-	-	-	
65.6	139.8*	144.4*	-	-	-	-	
72.2	134.3*	144.8	-	-	-	-	
78.7	123.9*	144.8	-	-	-	-	
85.3	115.1*	142.4	-	-	-	-	
91.9	107.4*	139.6	-	-	-	-	
98.4	100.3*	136.5	-	-	-	-	
111.5	88.6*	130.1	-	-	-	-	
124.7	78.9*	123.7	-	-	-	-	
137.8	71.0*	117.3	-	-	-	-	
144.4	67.2*	114.4	134.9	-	-	-	
150.9	63.1*	111.6	134.3	-	-	-	
164.0	56.2*	106.0	130.3	-	-	-	
177.2	47.2	100.3	124.3	-	-	-	
190.3	-	-	115.1	-	-	-	
203.4	-	-	106.0	92.6	-	-	
216.5	-	-	98.3	87.3	-	-	
229.7	-	-	-	80.9	-	-	
242.8	-	-	-	75.4	-	-	
255.9	-	-	-	70.5	-	-	
269.0	-	-	-	-	58.9	-	
282.2	-	-	-	-	55.1	-	
295.3	-	-	-	-	52.0	-	
308.4	-	-	-	-	-	42.5	
321.5	-	-	-	-	-	39.9	

236.2 ft + 196.9 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
72.2	105.8*	110.5*	-	-	-	-	
78.7	105.2*	108.5*	-	-	-	-	
85.3	104.1*	109.8	-	-	-	-	
91.9	99.6*	108.9	-	-	-	-	
98.4	93.0*	107.6	-	-	-	-	
111.5	81.8*	104.1	-	-	-	-	
124.7	72.5*	100.3	-	-	-	-	
137.8	64.8*	96.3	-	-	-	-	
150.9	58.4*	92.2	-	-	-	-	
157.5	55.6*	90.2	101.6	-	-	-	
164.0	52.9*	88.2	101.6	-	-	-	
177.2	48.1*	84.4	100.3	-	-	-	
190.3	43.0*	80.7	98.1	-	-	-	
203.4	38.8*	77.2	94.6	-	-	-	
216.5	32.0	73.4	91.3	-	-	-	
229.7	-	-	87.1	77.2	-	-	
242.8	-	-	82.9	72.5	-	-	
255.9	-	-	77.4	67.7	-	-	
269.0	-	-	-	63.3	-	-	
282.2	-	-	-	59.3	-	-	
295.3	-	-	-	55.8	48.7	-	
308.4	-	-	-	-	45.6	-	
321.5	-	-	-	-	43.0	-	
347.8	-	-	-	-	-	30.6	
360.9	-	-	-	-	-	28.7	

0 lb	88,200 lb	176,400 lb
264,600 lb	308,700 lb	352,800 lb

* 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

352,800 lb + 88,200 lb		29.5-49.2 ft		23.8 ft	32.2 ft/s	360°	75%
236.2 ft + 236.2 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
78.7	79.1*	82.0*	-	-	-	-	
85.3	79.1*	81.4*	-	-	-	-	
91.9	78.5*	80.5*	-	-	-	-	
98.4	80.0	81.6	-	-	-	-	
111.5	75.6*	80.2	-	-	-	-	
124.7	66.8*	78.5	-	-	-	-	
137.8	59.3*	76.3	-	-	-	-	
150.9	53.1*	73.9	-	-	-	-	
164.0	47.8*	71.4	-	-	-	-	
177.2	43.0*	68.8	74.7	-	-	-	
190.3	39.0*	66.4	74.5	-	-	-	
203.4	35.3*	63.7	73.9	-	-	-	
216.5	32.0*	60.8	72.5	-	-	-	
229.7	28.7*	58.2	70.5	-	-	-	
242.8	25.6*	55.6	68.8	-	-	-	
255.9	19.6	52.9	66.6	61.9	-	-	
269.0	-	-	63.9	60.2	-	-	
282.2	-	-	61.3	56.2	-	-	
295.3	-	-	58.6	52.7	-	-	
308.4	-	-	-	49.4	-	-	
321.5	-	-	-	46.5	39.2	-	
334.6	-	-	-	43.9	36.6	-	
347.8	-	-	-	-	34.0	-	
360.9	-	-	-	-	31.7	-	
374.0	-	-	-	-	-	22.3	
387.1	-	-	-	-	-	20.5	
400.3	-	-	-	-	-	19.0	

255.9 ft + 78.7 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
42.7	211.0*	219.4*	-	-	-	-	
45.9	211.0*	219.4*	-	-	-	-	
52.5	196.9*	212.7*	-	-	-	-	
59.1	178.6*	217.4	-	-	-	-	
65.6	163.4*	210.8	-	-	-	-	
72.2	150.6*	203.5	-	-	-	-	
78.7	139.6*	196.2	-	-	-	-	
85.3	129.9*	188.9	-	-	-	-	
91.9	121.7*	181.9	-	-	-	-	
98.4	107.6	174.6	-	-	-	-	
105.0	101.6	167.6	-	-	-	-	
111.5	-	-	194.0	-	-	-	
124.7	-	-	187.2	-	-	-	
137.8	-	-	171.5	-	-	-	
144.4	-	-	162.9	-	-	-	
164.0	-	-	-	127.9	-	-	
177.2	-	-	-	116.6	-	-	
190.3	-	-	-	106.9	-	-	
216.5	-	-	-	-	82.5	-	
229.7	-	-	-	-	76.7	-	

0 lb		88,200 lb	176,400 lb
264,600 lb		308,700 lb	352,800 lb

236.2 ft + 275.6 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
85.3	55.6*	58.4*	-	-	-	-	
91.9	55.6*	58.4*	-	-	-	-	
98.4	55.3*	57.5*	-	-	-	-	
111.5	55.6	57.3	-	-	-	-	
124.7	55.1	56.0	-	-	-	-	
137.8	52.5*	54.9	-	-	-	-	
150.9	48.1*	53.8	-	-	-	-	
164.0	42.8*	52.2	-	-	-	-	
177.2	38.4*	50.9	-	-	-	-	
190.3	34.4*	49.4	51.4	-	-	-	
203.4	30.9*	47.8	51.4	-	-	-	
216.5	27.8*	46.5	51.4	-	-	-	
229.7	24.9*	44.5	50.9	-	-	-	
242.8	22.5*	42.8	50.0	-	-	-	
255.9	20.1*	41.0	49.2	-	-	-	
269.0	17.9*	39.0	48.1	43.0	-	-	
282.2	15.4*	37.3	47.0	43.0	-	-	
295.3	-	-	45.4	43.0	-	-	
308.4	-	-	44.1	43.0	-	-	
321.5	-	-	42.5	43.0	-	-	
334.6	-	-	41.2	41.4	-	-	
347.8	-	-	-	39.0	30.9	-	
360.9	-	-	-	36.6	28.4	-	
374.0	-	-	-	34.4	26.2	-	
387.1	-	-	-	-	24.3	-	
400.3	-	-	-	-	22.5	-	
413.4	-	-	-	-	-	13.7	
426.5	-	-	-	-	-	12.3	
439.6	-	-	-	-	-	11.0	

255.9 ft + 118.1 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
52.5	158.3*	165.6*	-	-	-	-	
59.1	156.7*	163.4*	-	-	-	-	
65.6	151.2*	164.5	-	-	-	-	
72.2	139.3*	162.5	-	-	-	-	
78.7	129.0*	158.5	-	-	-	-	
85.3	119.9*	154.3	-	-	-	-	
91.9	112.0*	149.7	-	-	-	-	
98.4	104.9*	145.1	-	-	-	-	
111.5	93.0*	135.8	-	-	-	-	
124.7	83.3*	127.2	-	-	-	-	
131.2	77.8*	122.8	147.0	-	-	-	
137.8	68.8	118.4	145.1	-	-	-	
144.4	64.6	114.0	141.3	-	-	-	
150.9	-	-	136.7	-	-	-	
164.0	-	-	127.4	-	-	-	
177.2	-	-	117.5	-	-	-	
190.3	-	-	-	103.2	-	-	
203.4	-	-	-	95.0	-	-	
216.5	-	-	-	88.0	-	-	
229.7	-	-	-	81.8	-	-	
242.8	-	-	-	-	67.5	-	
255.9	-	-	-	-	63.1	-	
269.0	-	-	-	-	59.1	-	

* 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

352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° 75%							
255.9 ft + 157.5 ft							
0 lb 0 lb - 529,200 lb							
29.5 ft 29.5 ft - 49.2 ft							
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
62.3	119.7*	125.7*	-	-	-	-	
65.6	119.7*	125.7*	-	-	-	-	
72.2	117.5*	123.0*	-	-	-	-	
78.7	115.3*	125.4	-	-	-	-	
85.3	110.9*	122.8	-	-	-	-	
91.9	103.6*	120.4	-	-	-	-	
98.4	96.8*	117.7	-	-	-	-	
111.5	85.5*	112.0	-	-	-	-	
124.7	76.3*	106.3	-	-	-	-	
137.8	68.6*	100.3	-	-	-	-	
144.4	65.3*	97.7	112.0	-	-	-	
150.9	62.2*	94.8	112.0	-	-	-	
164.0	55.3*	89.3	107.6	-	-	-	
177.2	46.3	84.0	102.3	-	-	-	
190.3	-	-	96.6	-	-	-	
203.4	-	-	90.4	-	-	-	
216.5	-	-	84.0	84.0	-	-	
229.7	-	-	-	78.0	-	-	
242.8	-	-	-	72.5	-	-	
255.9	-	-	-	67.7	-	-	
269.0	-	-	-	-	55.3	-	
282.2	-	-	-	-	51.8	-	
295.3	-	-	-	-	48.7	-	
321.5	-	-	-	-	-	35.1	
334.6	-	-	-	-	-	32.8	

255.9 ft + 196.9 ft							
1,000 lb							
72.2	89.9*	95.9*	-	-	-	-	
78.7	89.3*	94.4*	-	-	-	-	
85.3	89.3	94.8	-	-	-	-	
91.9	89.3	94.1	-	-	-	-	
98.4	85.1*	92.6	-	-	-	-	
111.5	78.7*	89.3	-	-	-	-	
124.7	69.9*	85.8	-	-	-	-	
137.8	62.6*	82.0	-	-	-	-	
150.9	56.2*	78.3	-	-	-	-	
164.0	50.9*	74.5	83.6	-	-	-	
177.2	46.3*	70.8	82.7	-	-	-	
190.3	42.1*	67.2	79.8	-	-	-	
203.4	38.1*	63.5	76.3	-	-	-	
216.5	31.1	59.7	72.8	-	-	-	
229.7	-	-	68.8	-	-	-	
242.8	-	-	64.6	66.4	-	-	
255.9	-	-	60.4	63.9	-	-	
269.0	-	-	-	60.6	-	-	
282.2	-	-	-	56.7	-	-	
295.3	-	-	-	53.1	-	-	
308.4	-	-	-	-	42.5	-	
321.5	-	-	-	-	39.7	-	
334.6	-	-	-	-	37.0	-	
360.9	-	-	-	-	-	24.3	
374.0	-	-	-	-	-	22.5	

255.9 ft + 236.2 ft							
1,000 lb							
78.7	67.7*	72.3*	-	-	-	-	
85.3	67.7*	71.9*	-	-	-	-	
91.9	66.8*	70.8*	-	-	-	-	
98.4	67.5	71.2	-	-	-	-	
111.5	66.6	69.7	-	-	-	-	
124.7	62.2*	67.7	-	-	-	-	
137.8	57.1*	65.5	-	-	-	-	
150.9	51.1*	62.8	-	-	-	-	
164.0	45.9*	60.4	-	-	-	-	
177.2	41.2*	58.0	61.3	-	-	-	
190.3	37.3*	55.3	61.1	-	-	-	
203.4	34.0*	52.9	59.7	-	-	-	
216.5	30.9*	50.5	58.0	-	-	-	
229.7	28.0*	48.1	55.8	-	-	-	
242.8	24.9*	45.6	53.4	-	-	-	
255.9	18.7	43.2	51.1	49.6	-	-	
269.0	-	-	48.3	49.4	-	-	
282.2	-	-	45.4	47.8	-	-	
295.3	-	-	42.5	45.9	-	-	
308.4	-	-	-	43.9	-	-	
321.5	-	-	-	41.2	-	-	
334.6	-	-	-	38.6	32.6	-	
347.8	-	-	-	-	30.2	-	
360.9	-	-	-	-	28.0	-	
374.0	-	-	-	-	26.0	-	
387.1	-	-	-	-	-	16.3	
400.3	-	-	-	-	-	14.8	
413.4	-	-	-	-	-	13.4	

255.9 ft + 275.6 ft							
1,000 lb							
91.9	48.7*	52.2*	-	-	-	-	
98.4	48.5*	51.6*	-	-	-	-	
111.5	48.5	51.4	-	-	-	-	
124.7	47.6	50.3	-	-	-	-	
137.8	46.7	48.9	-	-	-	-	
150.9	43.2*	47.2	-	-	-	-	
164.0	41.0*	45.6	-	-	-	-	
177.2	36.6*	43.9	-	-	-	-	
190.3	32.8*	42.3	-	-	-	-	
203.4	29.3*	40.8	43.7	-	-	-	
216.5	26.2*	39.2	43.2	-	-	-	
229.7	23.6*	37.5	42.3	-	-	-	
242.8	21.2*	35.7	41.0	-	-	-	
255.9	19.0*	34.0	39.7	-	-	-	
269.0	17.0*	32.4	38.4	-	-	-	
282.2	15.0*	30.6	36.8	34.4	-	-	
295.3	9.9	28.9	35.1	34.4	-	-	
308.4	-	-	33.3	34.0	-	-	
321.5	-	-	31.5	32.8	-	-	
334.6	-	-	29.8	31.7	-	-	
347.8	-	-	-	30.2	-	-	
360.9	-	-	-	28.4	24.7	-	
374.0	-	-	-	26.7	22.7	-	
387.1	-	-	-	-	20.7	-	
400.3	-	-	-	-	19.2	-	
413.4	-	-	-	-	17.4	-	
426.5	-	-	-	-	-	8.6	
439.6	-	-	-	-	-	7.3	
452.8	-	-	-	-	-	6.2	

For explanations see page 71

352,800 lb + 88,200 lb		29.5-49.2 ft		23.8 ft	32.2 ft/s	360°	75%
275.6 ft + 78.7 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
		87°/85°	87°/85°	75°	65°	55°	45°
ft	1,000 lb						
45.9	180.8*	191.8*	-	-	-	-	-
52.5	178.6*	186.3*	-	-	-	-	-
59.1	171.3*	189.8	-	-	-	-	-
65.6	157.0*	184.1	-	-	-	-	-
72.2	144.6*	178.1	-	-	-	-	-
78.7	134.3*	172.0	-	-	-	-	-
85.3	125.2*	165.8	-	-	-	-	-
91.9	117.3*	160.1	-	-	-	-	-
98.4	110.7*	154.5	-	-	-	-	-
105.0	97.0	148.8	-	-	-	-	-
118.1	-	-	166.9	-	-	-	-
124.7	-	-	164.0	-	-	-	-
137.8	-	-	150.6	-	-	-	-
150.9	-	-	136.2	-	-	-	-
177.2	-	-	-	112.0	-	-	-
190.3	-	-	-	102.7	-	-	-
229.7	-	-	-	-	72.1	-	-
242.8	-	-	-	-	67.2	-	-

275.6 ft + 118.1 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
		87°/85°	87°/85°	75°	65°	55°	45°
ft	1,000 lb						
52.5	137.3*	145.5*	-	-	-	-	-
59.1	137.3*	143.7*	-	-	-	-	-
65.6	136.0	144.8	-	-	-	-	-
72.2	131.2*	143.1	-	-	-	-	-
78.7	123.9*	139.6	-	-	-	-	-
85.3	115.3*	135.6	-	-	-	-	-
91.9	107.8*	131.6	-	-	-	-	-
98.4	101.0*	127.6	-	-	-	-	-
111.5	89.7*	119.7	-	-	-	-	-
124.7	80.5*	112.2	-	-	-	-	-
131.2	76.5*	108.7	-	-	-	-	-
137.8	67.2	104.9	124.6	-	-	-	-
144.4	63.3	101.2	122.8	-	-	-	-
150.9	-	-	119.0	-	-	-	-
164.0	-	-	110.7	-	-	-	-
177.2	-	-	102.1	-	-	-	-
190.3	-	-	93.0	-	-	-	-
203.4	-	-	-	90.8	-	-	-
216.5	-	-	-	84.0	-	-	-
229.7	-	-	-	78.0	-	-	-
255.9	-	-	-	-	58.6	-	-
269.0	-	-	-	-	54.9	-	-

275.6 ft + 157.5 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
		87°/85°	87°/85°	75°	65°	55°	45°
ft	1,000 lb						
62.3	104.9*	111.3*	-	-	-	-	-
65.6	104.9*	111.3*	-	-	-	-	-
72.2	104.1*	108.9*	-	-	-	-	-
78.7	104.1	110.0	-	-	-	-	-
85.3	99.6*	108.9	-	-	-	-	-
91.9	97.2*	106.5	-	-	-	-	-
98.4	93.0*	104.1	-	-	-	-	-
111.5	82.2*	99.0	-	-	-	-	-
124.7	73.4*	93.7	-	-	-	-	-
137.8	65.9*	88.6	-	-	-	-	-
150.9	59.7*	83.8	94.8	-	-	-	-
164.0	54.5*	78.9	92.6	-	-	-	-
177.2	45.2	74.1	87.7	-	-	-	-
190.3	-	-	82.5	-	-	-	-
203.4	-	-	76.9	-	-	-	-
216.5	-	-	71.4	-	-	-	-
229.7	-	-	65.7	70.1	-	-	-
242.8	-	-	-	65.7	-	-	-
255.9	-	-	-	61.1	-	-	-
269.0	-	-	-	56.2	-	-	-
282.2	-	-	-	-	47.8	-	-
295.3	-	-	-	-	44.8	-	-
308.4	-	-	-	-	41.9	-	-
334.6	-	-	-	-	-	27.3	-
347.8	-	-	-	-	-	25.4	-

275.6 ft + 196.9 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
		87°/85°	87°/85°	75°	65°	55°	45°
ft	1,000 lb						
72.2	78.9*	84.9*	-	-	-	-	-
78.7	78.9*	84.0*	-	-	-	-	-
85.3	77.6*	82.2*	-	-	-	-	-
91.9	78.5	83.8	-	-	-	-	-
98.4	77.8	82.5	-	-	-	-	-
111.5	71.9*	79.1	-	-	-	-	-
124.7	67.2*	75.8	-	-	-	-	-
137.8	60.0*	72.3	-	-	-	-	-
150.9	54.0*	68.8	-	-	-	-	-
164.0	48.7*	65.5	-	-	-	-	-
177.2	44.3*	61.9	71.2	-	-	-	-
190.3	40.3*	58.6	68.8	-	-	-	-
203.4	37.0*	55.1	65.5	-	-	-	-
216.5	29.8	51.8	61.9	-	-	-	-
229.7	-	-	58.4	-	-	-	-
242.8	-	-	54.5	53.1	-	-	-
255.9	-	-	50.7	52.5	-	-	-
269.0	-	-	46.7	49.4	-	-	-
282.2	-	-	-	46.3	-	-	-
295.3	-	-	-	43.0	-	-	-
308.4	-	-	-	39.7	37.5	-	-
321.5	-	-	-	-	34.8	-	-
334.6	-	-	-	-	32.4	-	-
347.8	-	-	-	-	30.2	-	-
374.0	-	-	-	-	-	17.4	-
387.1	-	-	-	-	-	16.1	-

	0 lb	88,200 lb	176,400 lb
	264,600 lb	308,700 lb	352,800 lb

* 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

 352,800 lb +  88,200 lb		 29.5-49.2 ft		 23.8 ft		 32.2 ft/s		360°		75%	
 275.6 ft +  236.2 ft		 295.3 ft +  78.7 ft		 295.3 ft +  118.1 ft							
 0 lb		0 lb - 529,200 lb		 0 lb		0 lb - 529,200 lb					
 29.5 ft		29.5 ft - 49.2 ft		 29.5 ft		29.5 ft - 49.2 ft					
 87°/85°		87°/85°		87°/85°		87°/85°		75°		65°	
ft		1,000 lb		ft		1,000 lb		ft		1,000 lb	
78.7	58.2*	63.5*	-	-	-	-	-	45.9	147.3*	164.0*	-
85.3	58.2*	63.5*	-	-	-	-	-	52.5	145.1*	159.6*	-
91.9	57.8*	62.4*	-	-	-	-	-	59.1	144.0	160.5	-
98.4	57.5	62.4	-	-	-	-	-	65.6	140.7	158.5	-
111.5	57.1	61.1	-	-	-	-	-	72.2	129.6	153.9	-
124.7	55.6	59.1	-	-	-	-	-	78.7	124.3*	149.0	-
137.8	50.7*	56.9	-	-	-	-	-	85.3	119.0*	144.4	-
150.9	48.3*	54.5	-	-	-	-	-	91.9	113.1*	139.8	-
164.0	43.9*	51.8	-	-	-	-	-	98.4	106.7*	135.6	-
177.2	39.5*	49.4	-	-	-	-	-	105.0	92.8	131.4	-
190.3	35.5*	46.7	52.0	-	-	-	-	124.7	-	149.7	-
203.4	32.2*	44.5	51.1	-	-	-	-	137.8	-	144.2	-
216.5	29.1*	42.3	49.4	-	-	-	-	150.9	-	135.8	-
229.7	26.5*	39.9	47.0	-	-	-	-	157.5	-	131.0	-
242.8	24.0*	37.7	44.8	-	-	-	-	190.3	-	98.8	-
255.9	17.9	35.5	42.3	-	-	-	-	203.4	-	91.1	-
269.0	-	-	39.7	39.0	-	-	-				
282.2	-	-	37.0	38.4	-	-	-				
295.3	-	-	34.4	36.4	-	-	-				
308.4	-	-	-	34.2	-	-	-				
321.5	-	-	-	32.2	-	-	-				
334.6	-	-	-	29.5	-	-	-				
347.8	-	-	-	27.1	25.8	-	-				
360.9	-	-	-	-	23.6	-	-				
374.0	-	-	-	-	21.8	-	-				
387.1	-	-	-	-	20.1	-	-				
400.3	-	-	-	-	-	9.9	-				
413.4	-	-	-	-	-	8.8	-				
426.5	-	-	-	-	-	7.7	-				
 275.6 ft +  275.6 ft											
ft		1,000 lb									
91.9	42.5*	46.1*	-	-	-	-	-				
98.4	42.5*	45.6*	-	-	-	-	-				
111.5	41.9	45.0	-	-	-	-	-				
124.7	41.4	44.1	-	-	-	-	-				
137.8	40.3	43.0	-	-	-	-	-				
150.9	38.6	41.2	-	-	-	-	-				
164.0	35.3*	39.5	-	-	-	-	-				
177.2	33.7*	37.7	-	-	-	-	-				
190.3	30.9*	35.9	-	-	-	-	-				
203.4	27.6*	34.2	36.6	-	-	-	-				
216.5	24.7*	32.4	36.2	-	-	-	-				
229.7	22.0*	30.9	35.3	-	-	-	-				
242.8	19.6*	29.3	34.0	-	-	-	-				
255.9	17.6*	27.8	32.6	-	-	-	-				
269.0	15.7*	26.2	31.1	-	-	-	-				
282.2	13.9*	24.7	29.8	-	-	-	-				
295.3	9.0	23.1	28.2	26.5	-	-	-				
308.4	-	-	26.5	26.0	-	-	-				
321.5	-	-	24.7	25.1	-	-	-				
334.6	-	-	22.9	23.8	-	-	-				
347.8	-	-	-	22.3	-	-	-				
360.9	-	-	-	20.5	-	-	-				
374.0	-	-	-	18.7	16.3	-	-				
387.1	-	-	-	17.2	15.7	-	-				
400.3	-	-	-	-	14.6	-	-				
413.4	-	-	-	-	13.2	-	-				
426.5	-	-	-	-	11.7	-	-				

	0 lb	88,200 lb	176,400 lb
	264,600 lb	308,700 lb	352,800 lb

* 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

352,800 lb + 88,200 lb		29.5-49.2 ft		23.8 ft	32.2 ft/s	360°	75%
295.3 ft + 157.5 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
62.3	83.1*	94.4*	-	-	-	-	
65.6	83.1*	94.4*	-	-	-	-	
72.2	82.2*	92.4*	-	-	-	-	
78.7	82.2	93.0	-	-	-	-	
85.3	82.2	92.2	-	-	-	-	
91.9	80.5	90.2	-	-	-	-	
98.4	78.5	88.2	-	-	-	-	
111.5	72.3	84.0	-	-	-	-	
124.7	64.4	80.0	-	-	-	-	
137.8	59.7*	75.8	-	-	-	-	
150.9	55.8*	72.1	-	-	-	-	
157.5	53.6*	70.1	85.1	-	-	-	
164.0	51.6*	68.3	84.4	-	-	-	
177.2	43.0	64.6	82.0	-	-	-	
190.3	-	-	78.7	-	-	-	
203.4	-	-	75.4	-	-	-	
216.5	-	-	71.4	-	-	-	
229.7	-	-	67.5	67.2	-	-	
242.8	-	-	-	65.9	-	-	
255.9	-	-	-	61.5	-	-	
269.0	-	-	-	57.3	-	-	
282.2	-	-	-	53.8	-	-	
295.3	-	-	-	-	40.1	-	
308.4	-	-	-	-	37.3	-	
321.5	-	-	-	-	34.6	-	

295.3 ft + 196.9 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
72.2	62.6*	71.7*	-	-	-	-	
78.7	62.6*	71.0*	-	-	-	-	
85.3	61.3*	69.7*	-	-	-	-	
91.9	61.7	70.3	-	-	-	-	
98.4	61.7	69.7	-	-	-	-	
111.5	59.3	67.2	-	-	-	-	
124.7	56.2	64.2	-	-	-	-	
137.8	51.8	61.3	-	-	-	-	
150.9	46.3	58.4	-	-	-	-	
164.0	42.8*	55.6	-	-	-	-	
177.2	39.9*	52.9	61.7	-	-	-	
190.3	37.0*	50.5	60.6	-	-	-	
203.4	34.2*	47.8	58.6	-	-	-	
216.5	28.2	45.4	56.4	-	-	-	
229.7	-	-	54.2	-	-	-	
242.8	-	-	51.8	-	-	-	
255.9	-	-	49.2	52.9	-	-	
269.0	-	-	46.5	52.5	-	-	
282.2	-	-	-	50.9	-	-	
295.3	-	-	-	47.6	-	-	
308.4	-	-	-	44.8	-	-	
321.5	-	-	-	42.1	30.4	-	
334.6	-	-	-	-	28.2	-	
347.8	-	-	-	-	26.0	-	
360.9	-	-	-	-	24.3	-	
387.1	-	-	-	-	-	11.5	
400.3	-	-	-	-	-	10.4	

295.3 ft + 236.2 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
85.3	44.8*	53.1*	-	-	-	-	
91.9	44.3*	52.0*	-	-	-	-	
98.4	43.9	51.6	-	-	-	-	
111.5	43.4	50.7	-	-	-	-	
124.7	41.7	48.7	-	-	-	-	
137.8	39.5	46.7	-	-	-	-	
150.9	37.5	44.8	-	-	-	-	
164.0	35.3	42.8	-	-	-	-	
177.2	32.8	40.8	-	-	-	-	
190.3	29.3	38.8	44.8	-	-	-	
203.4	26.2	36.8	44.3	-	-	-	
216.5	24.5*	35.1	43.2	-	-	-	
229.7	22.5*	33.3	41.9	-	-	-	
242.8	20.7*	31.5	40.3	-	-	-	
255.9	16.8	29.8	38.8	-	-	-	
269.0	-	-	37.3	-	-	-	
282.2	-	-	35.5	37.0	-	-	
295.3	-	-	33.7	36.8	-	-	
308.4	-	-	32.0	35.9	-	-	
321.5	-	-	-	35.1	-	-	
334.6	-	-	-	34.0	-	-	
347.8	-	-	-	32.4	21.6	-	
360.9	-	-	-	30.9	19.6	-	
374.0	-	-	-	-	17.9	-	
387.1	-	-	-	-	16.3	-	
400.3	-	-	-	-	15.0	-	

315.0 ft + 78.7 ft		0 lb - 529,200 lb		29.5 ft - 49.2 ft			
ft	87°/85°	87°/85°	75°	65°	55°	45°	
ft	1,000 lb						
45.9	127.9*	143.5*	-	-	-	-	
52.5	127.9*	141.8*	-	-	-	-	
59.1	128.8	143.3	-	-	-	-	
65.6	128.8	141.8	-	-	-	-	
72.2	123.2	138.2	-	-	-	-	
78.7	114.4	134.7	-	-	-	-	
85.3	106.9*	131.0	-	-	-	-	
91.9	103.0*	127.4	-	-	-	-	
98.4	98.8*	124.8	-	-	-	-	
111.5	83.8	119.0	-	-	-	-	
131.2	-	-	138.5	-	-	-	
137.8	-	-	137.1	-	-	-	
150.9	-	-	131.4	-	-	-	
164.0	-	-	125.9	-	-	-	
190.3	-	-	-	90.4	-	-	
203.4	-	-	-	86.6	-	-	
216.5	-	-	-	80.2	-	-	

0 lb

88,200 lb

176,400 lb

264,600 lb

308,700 lb

352,800 lb

* 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

352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° 75%							
315.0 ft + 118.1 ft							
0 lb 0 lb - 529,200 lb							
29.5 ft 29.5 ft - 49.2 ft							
ft	87°/85°	87°/85°	75°	65°	55°	45°	
1,000 lb							
55.8	95.9*	109.6*	-	-	-	-	
59.1	95.9*	109.6*	-	-	-	-	
65.6	94.6*	107.1*	-	-	-	-	
72.2	95.9	109.8	-	-	-	-	
78.7	95.9	107.6	-	-	-	-	
85.3	93.5	105.2	-	-	-	-	
91.9	90.8	102.7	-	-	-	-	
98.4	85.3	100.1	-	-	-	-	
111.5	75.6	95.0	-	-	-	-	
124.7	69.9*	90.8	-	-	-	-	
137.8	64.8*	87.1	-	-	-	-	
144.4	58.2	85.1	104.5	-	-	-	
150.9	-	-	104.5	-	-	-	
164.0	-	-	101.9	-	-	-	
177.2	-	-	98.5	-	-	-	
190.3	-	-	95.2	-	-	-	
203.4	-	-	92.2	-	-	-	
216.5	-	-	-	74.5	-	-	
229.7	-	-	-	70.5	-	-	
242.8	-	-	-	65.7	-	-	
255.9	-	-	-	61.3	-	-	
282.2	-	-	-	-	42.1	-	
295.3	-	-	-	-	39.2	-	
315.0 ft + 157.5 ft							
1,000 lb							
65.6	71.7*	83.8*	-	-	-	-	
72.2	71.7*	82.9*	-	-	-	-	
78.7	69.9*	81.1*	-	-	-	-	
85.3	72.1	83.3	-	-	-	-	
91.9	71.4	81.8	-	-	-	-	
98.4	69.7	80.0	-	-	-	-	
111.5	66.1	76.7	-	-	-	-	
124.7	60.8	73.2	-	-	-	-	
137.8	54.7	69.9	-	-	-	-	
150.9	49.6*	66.8	-	-	-	-	
164.0	46.3*	64.2	77.8	-	-	-	
177.2	40.6	61.3	76.9	-	-	-	
190.3	-	-	75.0	-	-	-	
203.4	-	-	72.8	-	-	-	
216.5	-	-	70.3	-	-	-	
229.7	-	-	68.3	-	-	-	
242.8	-	-	-	60.4	-	-	
255.9	-	-	-	57.8	-	-	
269.0	-	-	-	54.0	-	-	
282.2	-	-	-	50.5	-	-	
308.4	-	-	-	-	32.0	-	
321.5	-	-	-	-	29.5	-	
334.6	-	-	-	-	27.6	-	
315.0 ft + 196.9 ft							
1,000 lb							
72.2	52.0*	63.1*	-	-	-	-	
78.7	52.0*	63.1*	-	-	-	-	
85.3	51.6*	61.7*	-	-	-	-	
91.9	52.2	62.6	-	-	-	-	
98.4	52.2	62.2	-	-	-	-	
111.5	50.5	60.0	-	-	-	-	
124.7	47.8	57.5	-	-	-	-	
137.8	45.2	54.9	-	-	-	-	
150.9	42.8	52.5	-	-	-	-	
164.0	39.0	50.0	-	-	-	-	
177.2	35.3	47.6	58.4	-	-	-	
190.3	31.7	45.6	58.2	-	-	-	
203.4	28.9	43.4	57.3	-	-	-	
216.5	26.2	41.2	55.6	-	-	-	
229.7	-	-	54.0	-	-	-	
242.8	-	-	52.2	-	-	-	
255.9	-	-	50.7	-	-	-	
269.0	-	-	48.9	47.0	-	-	
282.2	-	-	-	46.3	-	-	
295.3	-	-	-	44.3	-	-	
308.4	-	-	-	41.2	-	-	
321.5	-	-	-	38.4	-	-	
334.6	-	-	-	-	23.1	-	
347.8	-	-	-	-	21.2	-	
360.9	-	-	-	-	19.4	-	
374.0	-	-	-	-	17.9	-	
315.0 ft + 236.2 ft							
1,000 lb							
85.3	37.0*	47.0*	-	-	-	-	
91.9	37.0*	46.3*	-	-	-	-	
98.4	36.2*	45.4*	-	-	-	-	
111.5	37.0	45.6	-	-	-	-	
124.7	35.5	44.1	-	-	-	-	
137.8	33.7	42.3	-	-	-	-	
150.9	32.0	40.6	-	-	-	-	
164.0	30.2	38.8	-	-	-	-	
177.2	28.4	37.0	-	-	-	-	
190.3	26.5	35.1	-	-	-	-	
203.4	24.3	33.3	42.1	-	-	-	
216.5	21.6	31.5	41.9	-	-	-	
229.7	19.2	29.8	41.0	-	-	-	
242.8	17.2	28.0	39.9	-	-	-	
255.9	15.2	26.2	38.8	-	-	-	
269.0	-	-	37.7	-	-	-	
282.2	-	-	36.4	35.3	-	-	
295.3	-	-	35.3	35.1	-	-	
308.4	-	-	34.0	34.2	-	-	
321.5	-	-	-	31.7	-	-	
334.6	-	-	-	29.3	-	-	
347.8	-	-	-	27.1	15.0	-	
360.9	-	-	-	-	13.4	-	
374.0	-	-	-	-	11.9	-	
387.1	-	-	-	-	10.6	-	
400.3	-	-	-	-	9.5	-	
413.4	-	-	-	-	-	-	

0 lb	88,200 lb	176,400 lb
264,600 lb	308,700 lb	352,800 lb

For explanations see page 73

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.

The load charts shown in this brochure apply to Standard-SL and Vario-SL. Charts for Tele-SL with counterweight carrier are available on request.

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

Crawler carrier

3-section carrier comprising of carbody and two crawlers. Hydraulic pin connections between crawlers and carbody provide for easy assembly and removal to minimise width and weight for transportation.	
Carbody	Bending- and torsion-resistant welded structure of box type construction, fabricated of high-strength fine-grain structural steel.
Crawlers	Side frames: bending-resistant welded structure of high-strength fine-grain structural steel. Track shoes and sprockets are fabricated of heat-treated high-strength cast steel. 14 rollers on each side frame with hardened rolling surfaces. Automatic centralized lubrication is included as standard.
Power train	The tracks are powered by one hydraulic motor each through closed planetary gear reduction 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.

Superstructure

Counterweight	352,800 lb in combination with 88,200 lb central ballast on carrier.
A-frame	Hydraulic raising system for A-frame as standard.
Frame	Torsion-resistant welded structure fabricated of high-strength fine-grain structural steel. Connected to carrier by triple-row roller bearing slew ring.
Drive	MTU diesel engine type OM 470 LA, 280 kW (380 HP) at 1700 1/min, torque 1900 Nm at 1300 1/min. The engine complies with EUROMOT 4, EPA Tier 4 final and CARB regulations. Pump distribution gearbox with five variable displacement axial piston pumps incl. electronic control system, and gear pumps.
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 and W 1, 2 equipped with quick-connect rope end fittings. Hoist H 1 (and optionally H 2) is removable to minimise weight for transportation.
Reeving winch	Mounted on superstructure.
Slew units	Powered by two 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. 2 colour monitors, safe load indicator operated via a touchscreen. Working speeds infinitely variable controlled by the lever position. Automatic power control for optimal utilisation of engine output.
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 d. c. system.

Optional equipment

Drive	Optional for non-regulated markets: MTU diesel engine type OM 501 LA, 260 kW (353 HP) at 1800 1/min, torque 1730 Nm at 1300 1/min. The engine complies with EUROMOT 3a and EPA Tier 3 regulations.
Hydraulic cylinder	For self-assembly of crawlers.
A-frame	
Sideways outriggers	For erection of long boom systems.
Counterweight carrier	Drive 4 x 2, total weight max. 529,200 lb.
Quick-connection	Hydraulic quick-disconnect fittings on carrier and superstructure facilitate removal to minimise weight for transportation.
Track shoes	Optional width of 3.3 ft and 4.9 ft.
Heavy-duty head HA	882,000 lb + sheave assembly 882,000 lb, for capacities > 697,000 lb.

Boom configurations

SH:	Main boom: foot section 34.5 ft, inserts 39.4 ft and 19.7 ft (type 2721) and tapered insert 39.4 ft, boom head 4.9 ft. Main boom lengths: 78.7-275.6 ft.
SH / LH: (SGL variable)	Main boom: foot section 34.5 ft, inserts 39.4 ft and 19.7 ft (type 2721), tapered insert 39.4 ft, extended by inserts 39.4 ft and 19.7 ft (type 2317), top section 24.6 ft. Main boom lengths: 137.8-354.3 ft.
SH / LH: (SGL_S1)	Main boom: foot section 34.5 ft, inserts 39.4 ft and 19.7 ft (type 2721), extended by additional inserts 39.4 ft (type 2721), tapered insert 39.4 ft, top section 24.6 ft. Main boom lengths: 275.6-334.6 ft.
SW:	Main boom: same as SH. Offset 87° to 65°. Luffing fly jib: foot section 14.8 ft, inserts 39.4 ft and 19.7 ft (type 2317), top section 24.6 ft. Main boom lengths: 98.4-236.2 ft. Fly jib lengths: 78.7-236.2 ft.
SSL:	Main boom: same as SH. Superlift equipment. Main boom lengths: 98.4-315.0 ft.
SSL / LSL: (SGL 231.3 ft)	Main boom: foot section 34.5 ft, inserts 39.4 ft and 19.7 ft (type 2721), tapered insert 39.4 ft, extended by additional inserts 39.4 ft and 19.7 ft (type 2317), top section 24.6 ft. Superlift equipment. Main boom lengths: 255.9-413.4 ft.
SSL / LSL: (SGL_S1)	Main boom: foot section 34.5 ft, inserts 39.4 ft and 19.7 ft (type 2721), extended by additional inserts 39.4 ft (type 2721), tapered insert 39.4 ft, top section 24.6 ft. Superlift equipment. Main boom lengths: 255.9-374.0 ft.
SWSL:	Main boom: same as SH. Offset 87° to 45°. Luffing fly jib: same as SW. Superlift equipment. Main boom lengths: 118.1-315.0 ft. Fly jib lengths: 78.7-275.6 ft.
+LF2:	Addition to SH, SH/LH, SSL or SSL/LSL. Fixed fly jib: foot section 19.7 ft, inserts 39.4 ft (type 1813), top section 19.7 ft. Fly jib lengths: 39.4 ft, 78.7 ft, 118.1 ft. Offset: 10°, 15°, 20° and 30°.
Runner	
Operator aids	Load moment indicator, hoist limit switch, limit switches for boom movements, hydraulic boom backstops, anemometer.
Hydraulic pinning	The boom sections are prepared for hydraulic pinning.

Superlift combinations

Standard-SL	Mast 98.4 ft (type 2116), counterweight tray for max. 529,200 lb. Superlift radii 36.1 ft, 42.6 ft, 49.2 ft (29.5 ft without tray).
Vario-SL	Mast 98.4 ft (type 2116), counterweight tray for max. 529,200 lb. Superlift radius infinitely variable during operation 29.5 ft to 49.2 ft.
Tele-SL	Mast 98.4 ft (type 2116), counterweight carrier for max. 529,200 lb. Superlift radius infinitely variable during operation 36.1 ft to 49.2 ft.

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