

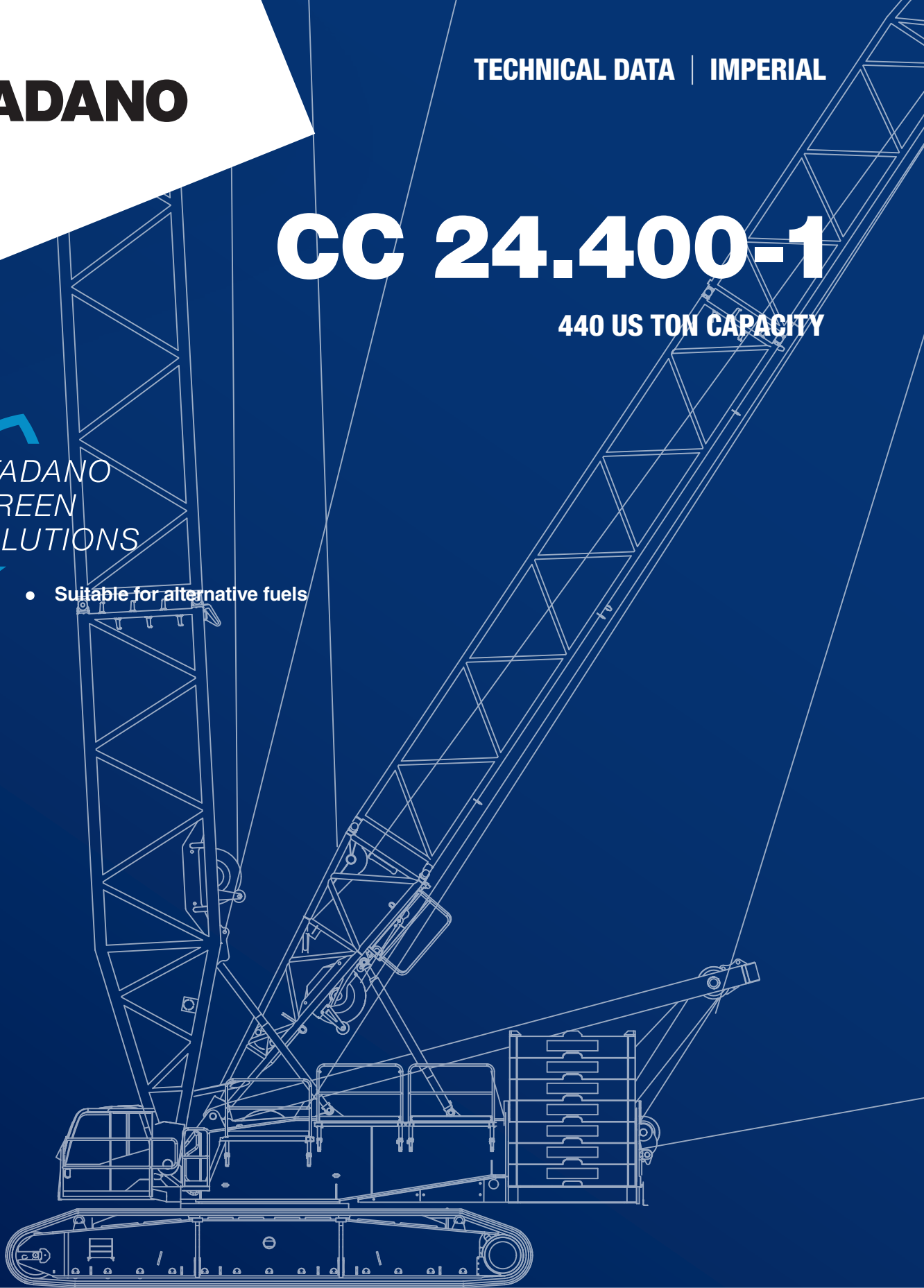
CC 24.400-1

440 US TON CAPACITY



TADANO
GREEN
SOLUTIONS

- Suitable for alternative fuels





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Key



Track



Counterweight + central ballast (ZB)



Superlift counterweight



Central ballast



Superlift radius



Possible load of hook block



Weight of hook block



Load radius



Main boom



Fly jib



Main boom angle



Fly jib angle



Hook block



Hoist 1



Hoist 2



Hoist 3



Jib luffing



Boom derricking



Boom hoist



Travel speed



Working speeds



Slewing



Max. line pull



Rope diameter



Rope length



Number of lines



Number of sheaves



Wind speed in ft/s (feet per second)

Key



Distance head sheave axle – hook ground

S: heavy

L: light

H / HA: Main boom

HI: Luffing jib

MA: Mast

W: Luffing fly jib

F: Fixed fly jib

SL: Superlift

SGL: Heavy base length

Highlights

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

SPECIFICATIONS



Specifications

Working speeds (infinitely variable)				
				
	max. 492 ft/min	33,709 lbf	1.04"	3346 ft
	max. 426 ft/min	33,709 lbf	1.04"	2296 ft
	max. 456 ft/min		1.04"	
	max. 177 ft/min		1.04"	
	max. 361 ft/min		1.04"	
	1.4 rpm			
	max. 1.24 mph			

1) top layer

Specifications

Hook block system					
					
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

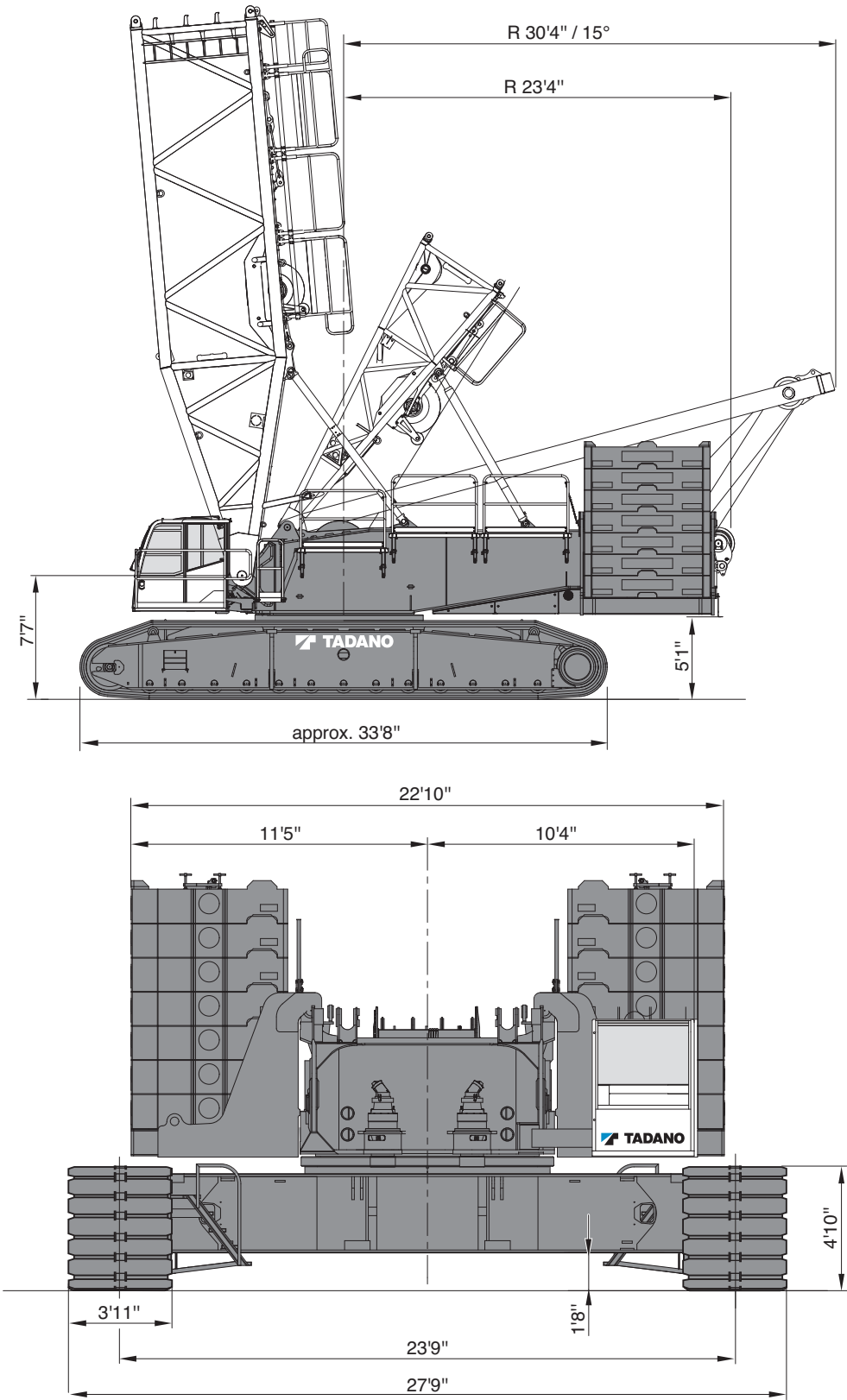
* Capacities > 697,000 lb: Heavy-duty head HA 882,000 lb + sheave assembly 882,000 lb is required

Hook block					
					
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

Number of lines																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	33,100 lb	66,200 lb	99,200 lb	130,100 lb	163,200 lb	194,000 lb	224,900 lb	258,000 lb	286,700 lb	317,500 lb	348,400 lb	379,300 lb	407,900 lb	436,600 lb	465,300 lb	493,900 lb	522,600 lb	551,300 lb	579,900 lb	606,400 lb	635,000 lb	661,500 lb	688,000 lb
	1 x 33,100 lb	X																					
	1 x 99,200 lb		X	X																			
	1 x 220,500 lb		X	X	X	X	X																
	1 x 348,400 lb			X	X	X	X	X	X	X	X												
	1 x 441,000 lb				X	X	X	X	X	X	X	X	X	X									
	1 x 688,000 lb						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	2 x 1	2 x 2	2 x 3	2 x 4	2 x 5	2 x 6	2 x 7	2 x 8	2 x 9	2 x 10	2 x 11	2 x 12	2 x 13	2 x 14									
		132,400 lb	198,400 lb	260,200 lb	326,400 lb	388,000 lb	449,800 lb	516,000 lb	573,400 lb	635,000 lb	696,800 lb	758,600 lb	815,800 lb	873,200 lb									
	1 x 352,800 lb			X	X	X	X	X	X	X	X												
	1 x 441,000 lb				X	X	X	X	X	X	X	X	X	X									

Specifications

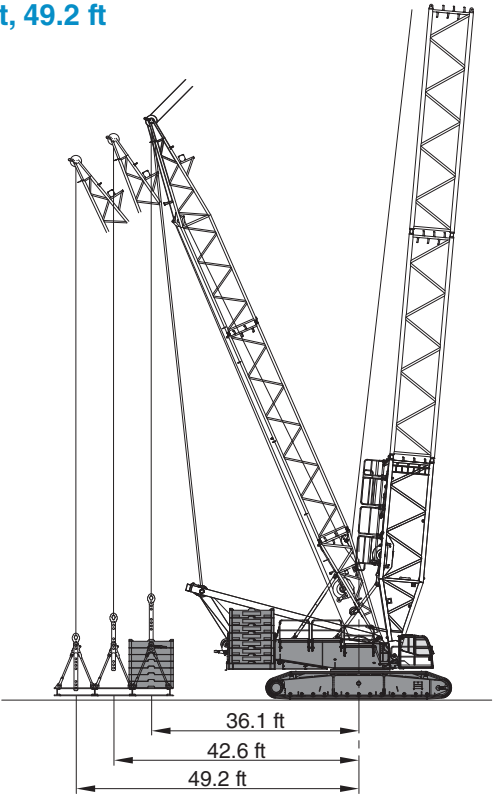
Basic crane dimensions



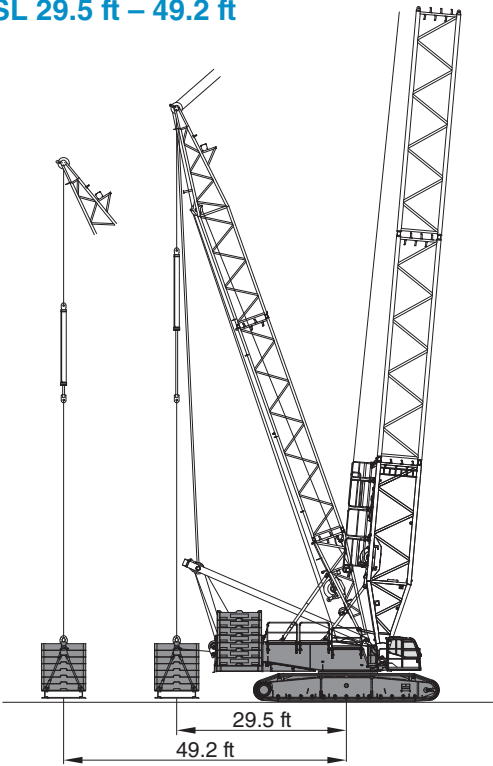
Specifications

Superlift Configurations

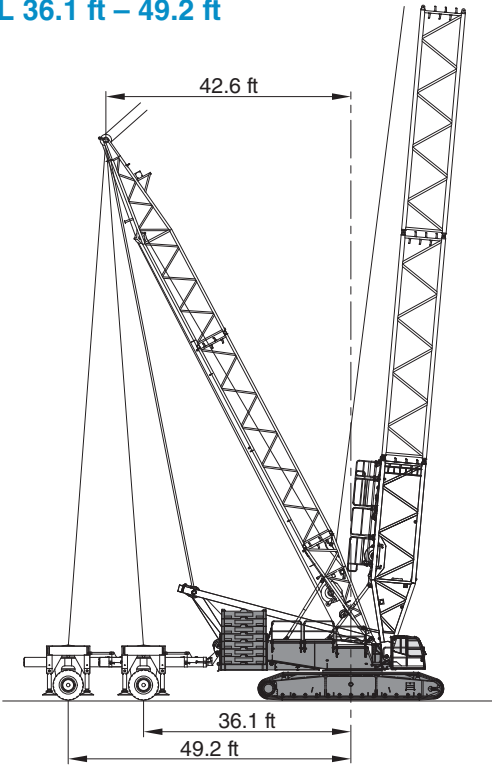
Standard-SL 36.1 ft, 42.6 ft, 49.2 ft



Vario-SL 29.5 ft – 49.2 ft

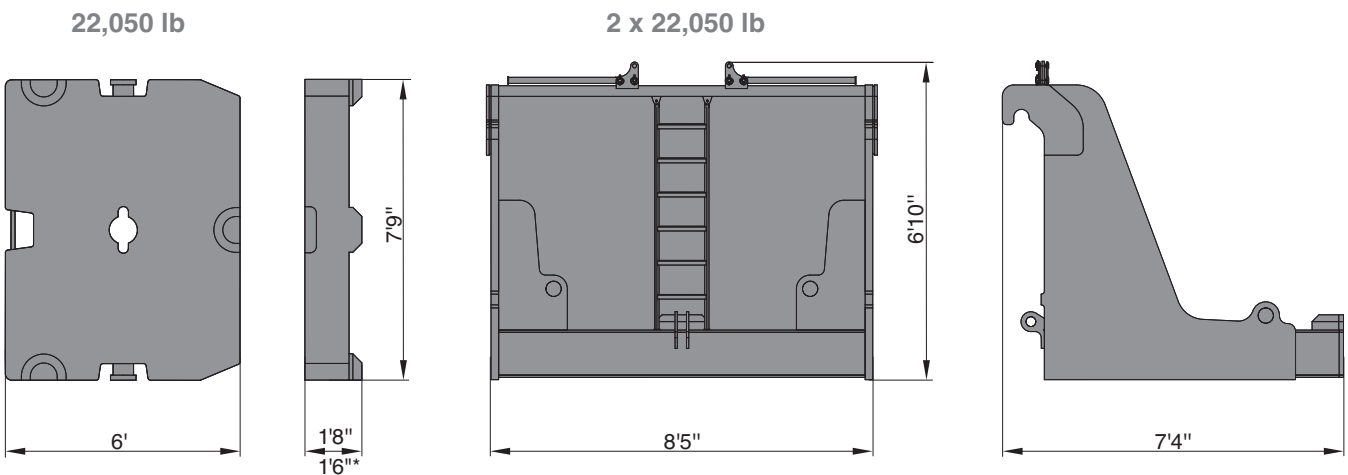
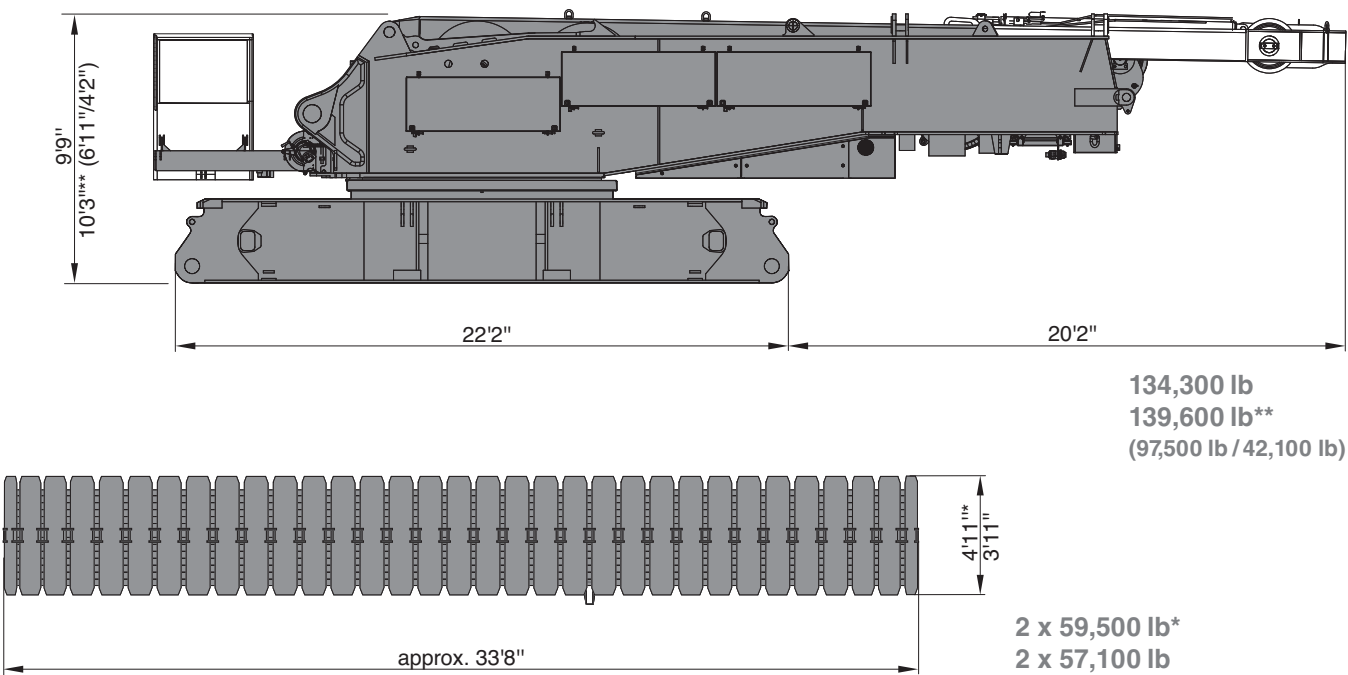


Tele-SL 36.1 ft – 49.2 ft



Specifications

Transportation

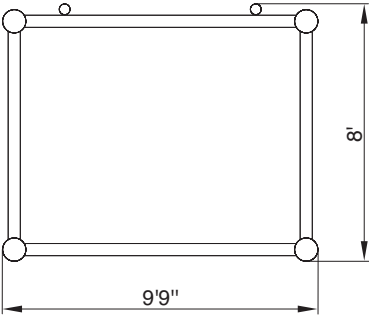
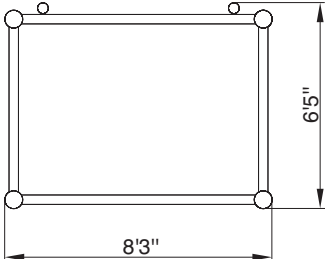
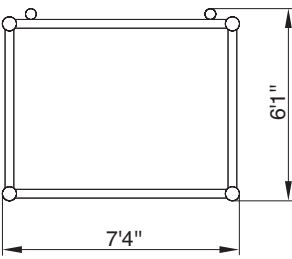
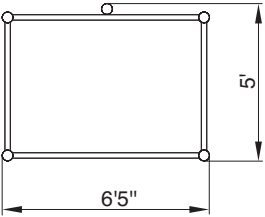


* Option ** with quick-connection

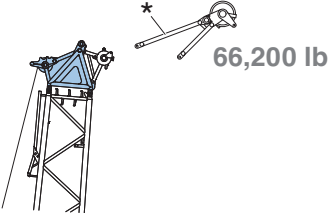
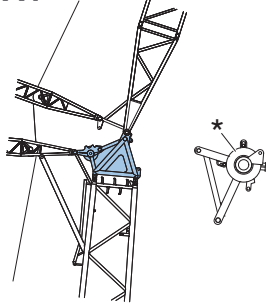
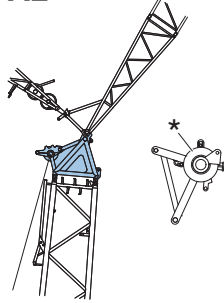
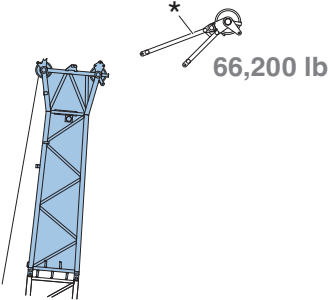
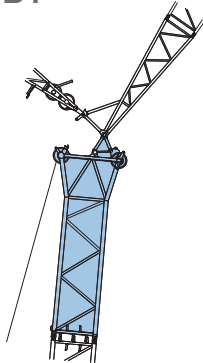
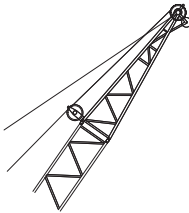
In brackets: superstructure / carbody with quick-connection

Specifications

Transportation

Main Boom (HA)	Jib (HI)	Mast (MA)	LF
			
Type 2721	Type 2317	Type 2116	Type 1813

Boom heads

A (max. 882,000 lb** / 697,000 lb) 	A1 	A2 
B (max. 379,300 lb) 	B1 	C (max. 258,000 lb) 
* Attachable ** Option		

Specifications

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

X without assisting equipment

(X) idler wheel supported

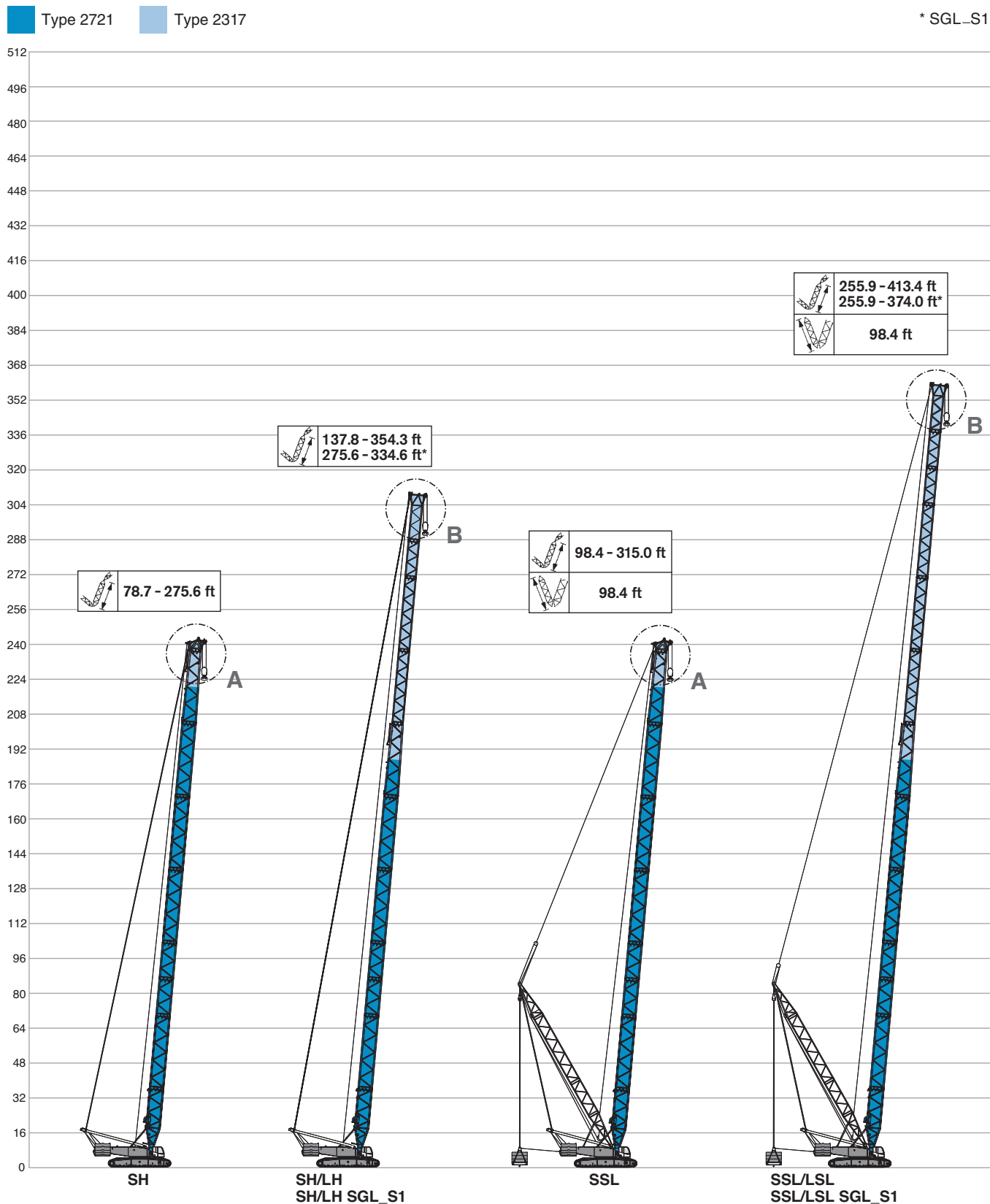
[X] with additional side jack

All Superlift combinations can be erected or lowered to the ground without assisting equipment.
The figures shown represent the necessary SL-counterweight in [kip].

Notes

Specifications

Boom Combinations



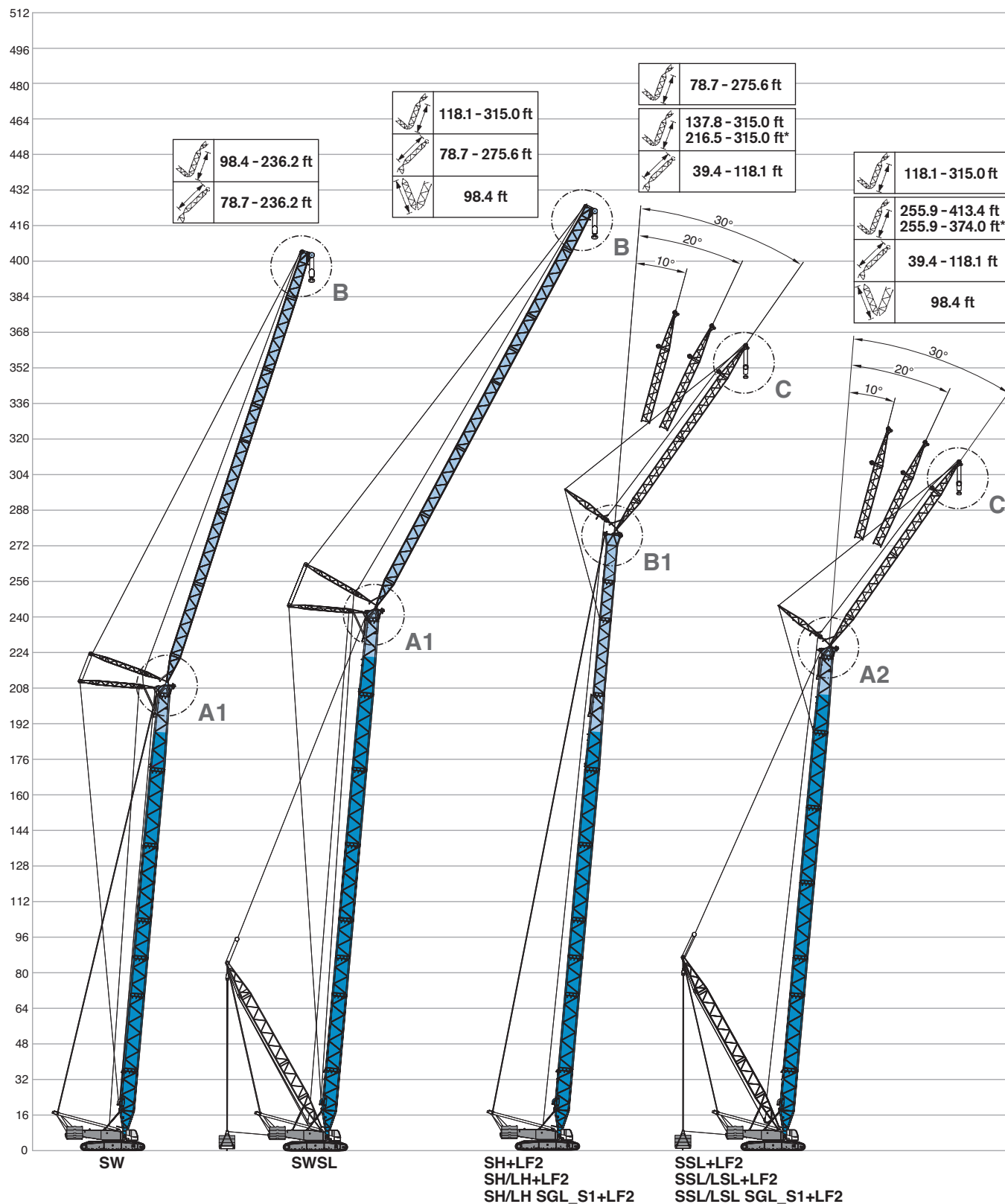
Specifications

Boom Combinations

Type 2721

Type 2317

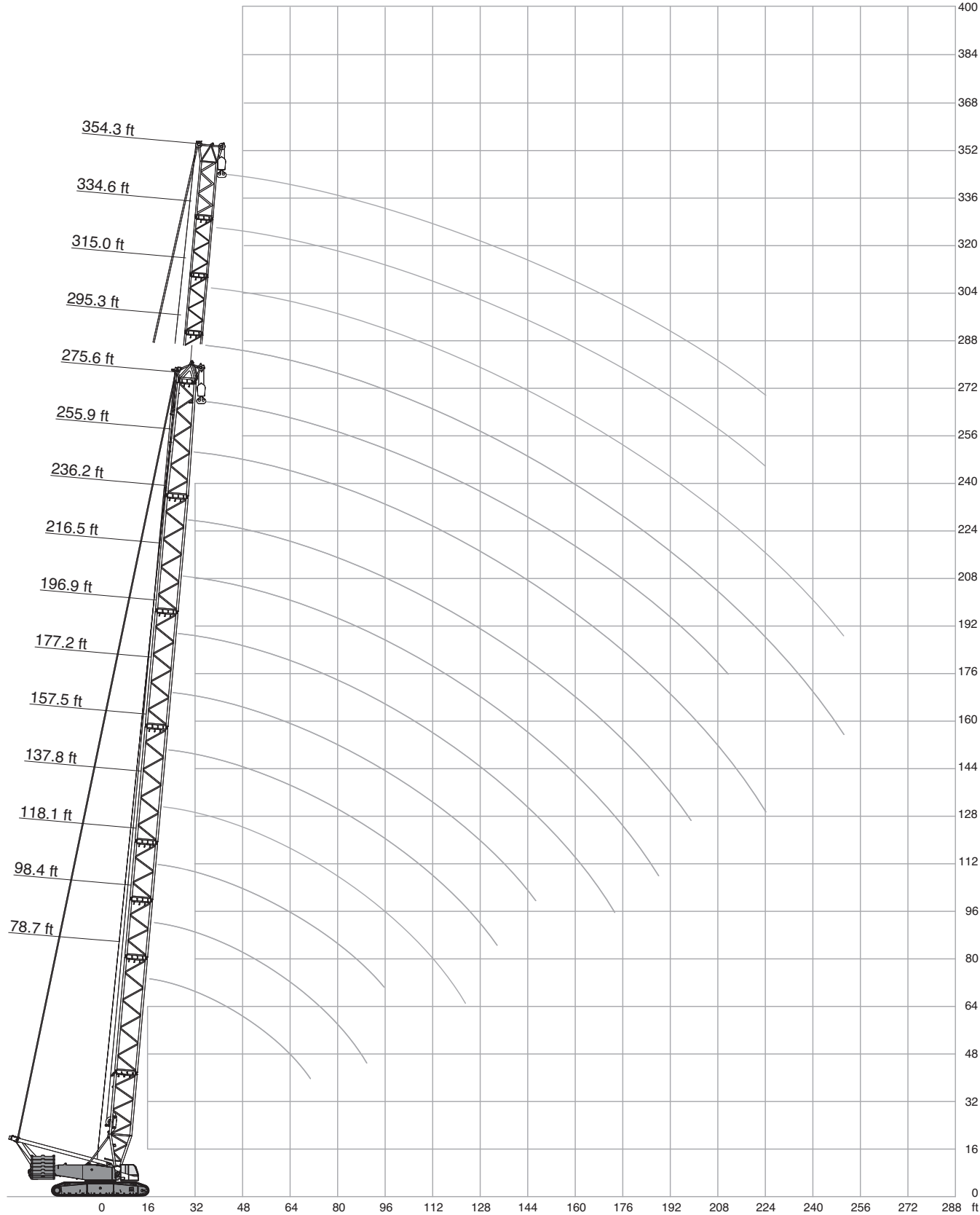
* SGL-S1



Notes

MAIN BOOM





  23.8 ft  32.2 ft/s 360° ASME B30.5												
  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	507.1	476.2	-	-	-	-	-	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)

Operation

SH/LH, SH/LH SGL_S1

   23.8 ft  32.2 ft/s 360° ASME B30.5													
  137.8ft 157.5ft 177.2ft 196.9ft 216.5ft 236.2ft 255.9ft 275.6ft 295.3ft SH/LH SH/LH SH/LH SGL_S1 SH/LH 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	241.4	-	36.1
39.4	356.0	339.5	323.0	308.6	294.3	281.1	267.9	248.0	253.5	203.3	241.4	-	39.4
42.7	327.4	312.0	297.6	284.4	272.3	260.1	248.0	239.2	234.8	203.3	224.9	-	42.7
45.9	302.0	288.8	275.6	264.6	252.4	241.4	231.5	222.7	219.4	199.1	209.7	-	45.9
52.5	254.6	250.2	240.3	230.4	220.5	211.9	202.8	196.0	191.8	189.2	183.6	-	52.5
59.1	216.5	214.5	212.1	203.7	195.3	187.4	179.7	173.7	169.8	168.0	162.3	-	59.1
65.6	187.6	185.4	183.4	181.4	174.6	167.6	160.5	155.4	151.2	150.4	144.6	-	65.6
72.2	164.9	162.7	160.7	158.5	156.5	150.8	144.6	140.0	135.8	135.6	129.9	-	72.2
78.7	146.8	144.6	142.4	140.4	138.2	136.2	131.0	127.0	122.8	122.8	117.3	-	78.7
85.3	131.8	129.6	127.4	125.4	123.2	121.3	119.3	115.5	111.3	111.8	106.3	-	85.3
91.9	119.5	117.3	115.1	112.9	110.9	108.7	107.1	105.6	101.6	102.3	96.6	-	91.9
98.4	109.1	106.7	104.5	102.3	100.3	98.1	96.6	95.9	92.6	93.9	88.2	-	98.4
111.5	92.6	89.9	87.7	85.5	83.3	81.1	79.6	78.9	75.6	78.0	73.9	-	111.5
124.7	80.0	77.4	75.0	72.5	70.3	68.3	66.6	65.9	62.6	65.0	60.4	-	124.7
137.8	-	67.5	64.8	62.6	60.2	58.0	56.2	55.6	51.8	54.7	49.6	-	137.8
150.9	-	-	56.9	54.5	52.0	49.8	47.6	46.7	43.0	45.9	40.6	-	150.9
164.0	-	-	-	47.8	45.4	42.5	40.6	39.5	35.7	38.6	33.3	-	164.0
177.2	-	-	-	42.5	39.5	36.8	34.4	33.3	29.5	32.4	27.3	-	177.2
190.3	-	-	-	-	34.8	31.7	29.3	28.2	24.5	27.1	22.0	-	190.3
203.4	-	-	-	-	-	27.6	25.1	23.8	20.1	22.7	17.6	-	203.4
216.5	-	-	-	-	-	-	21.4	20.3	16.3	19.0	13.9	-	216.5
229.7	-	-	-	-	-	-	-	17.0	13.2	15.7	10.6	-	229.7
242.8	-	-	-	-	-	-	-	14.1	10.4	12.8	7.7	-	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

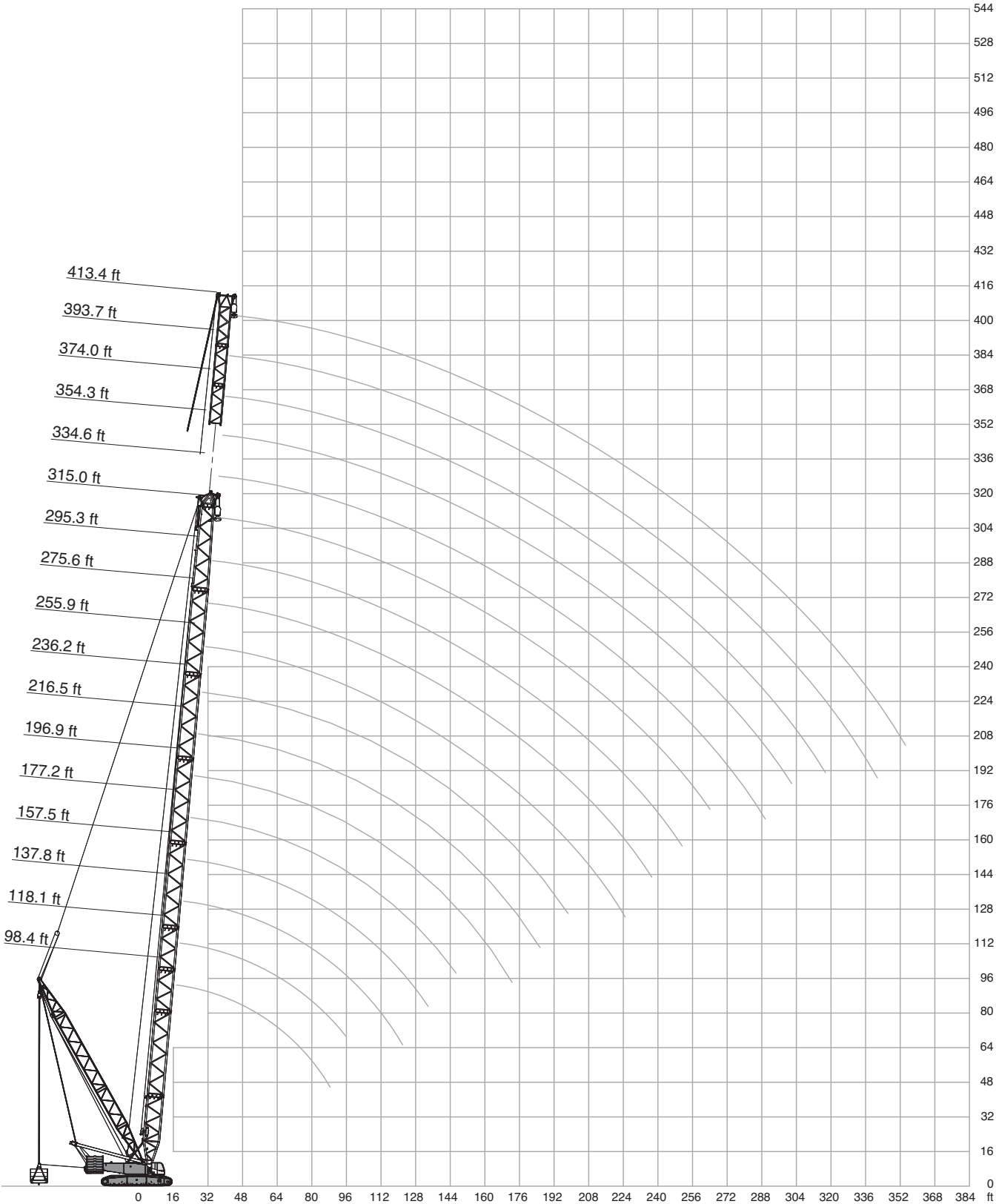
Operation

SH/LH, SH/LH SGL_S1

   23.8 ft  32.2 ft/s 360° ASME B30.5												
  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 SGL_S1 SH/LH SH/LH SGL_S1												
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 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° ASME B30.5													
	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	
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	
	0 lb		0 lb		0 lb		0 lb		0 lb		0 lb	
ft					1,000 lb							
29.5	394.6	582.0	-	-	-	-	-	-	-	-	-	-
32.8	357.1	582.0	-	-	-	-	-	-	-	-	-	-
36.1	326.3	577.6	339.5	502.7	324.1	435.4	-	-	-	-	-	-
39.4	299.8	577.6	310.9	502.7	297.6	435.4	283.3	378.1	-	-	-	-
45.9	256.8	577.6	285.5	500.4	273.4	434.3	261.2	378.1	250.2	320.8	239.2	278.9
52.5	222.7	564.4	245.8	500.4	235.9	432.1	226.0	374.8	217.2	320.8	207.9	278.9
59.1	197.1	535.7	214.3	500.4	206.1	432.1	197.5	372.6	190.0	320.8	182.1	278.9
65.6	175.3	507.1	188.9	480.6	182.1	428.8	174.6	371.5	168.0	319.7	160.9	278.9
72.2	156.1	480.6	168.2	463.0	162.3	412.3	155.4	363.8	149.7	318.6	143.3	278.9
78.7	137.1	456.4	150.8	445.3	145.5	401.2	139.6	356.0	134.3	310.9	128.5	275.6
85.3	121.9	415.6	135.6	425.5	131.4	390.2	125.9	349.4	121.3	306.4	115.7	270.1
91.9	108.9	381.4	120.2	405.7	119.3	374.8	114.0	341.7	109.8	302.0	104.7	266.8
98.4	98.1	350.5	107.4	380.3	106.7	358.3	103.8	328.5	99.9	295.4	95.0	263.5
105.0	80.7	302.0	96.3	350.5	95.7	341.7	93.9	315.3	91.1	285.5	86.6	257.9
111.5	67.5	265.7	78.9	300.9	78.3	300.9	76.3	288.8	75.2	264.6	72.3	241.4
124.7	57.1	235.9	65.7	263.5	64.8	263.5	62.8	261.2	61.5	243.6	59.5	223.8
137.8	48.3	211.2	54.9	234.8	53.8	234.8	51.6	231.5	50.3	223.8	48.1	209.4
150.9	41.0	190.7	45.9	209.9	44.8	209.7	42.5	208.1	41.2	203.3	39.0	194.0
164.0	35.1	173.3	38.6	189.2	37.5	188.7	35.1	187.2	33.7	182.5	31.5	178.8
177.2	30.0	158.5	32.4	171.7	31.3	171.3	28.9	169.5	27.3	168.9	25.1	163.4
190.3	-	-	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
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Capacities > 697,000 lb: Only with special equipment (heavy-duty head HA 882,000 lb + sheave assembly 882,000 lb)

Operation

SSL/LSL, SSL/LSL SGL_S1

352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° ASME B30.5															
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 - 529,200 lb		0 lb		0 - 529,200 lb		0 lb		0 - 529,200 lb		0 lb		0 - 529,200 lb	
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															

Operation

SSL/LSL, SSL/LSL SGL_S1

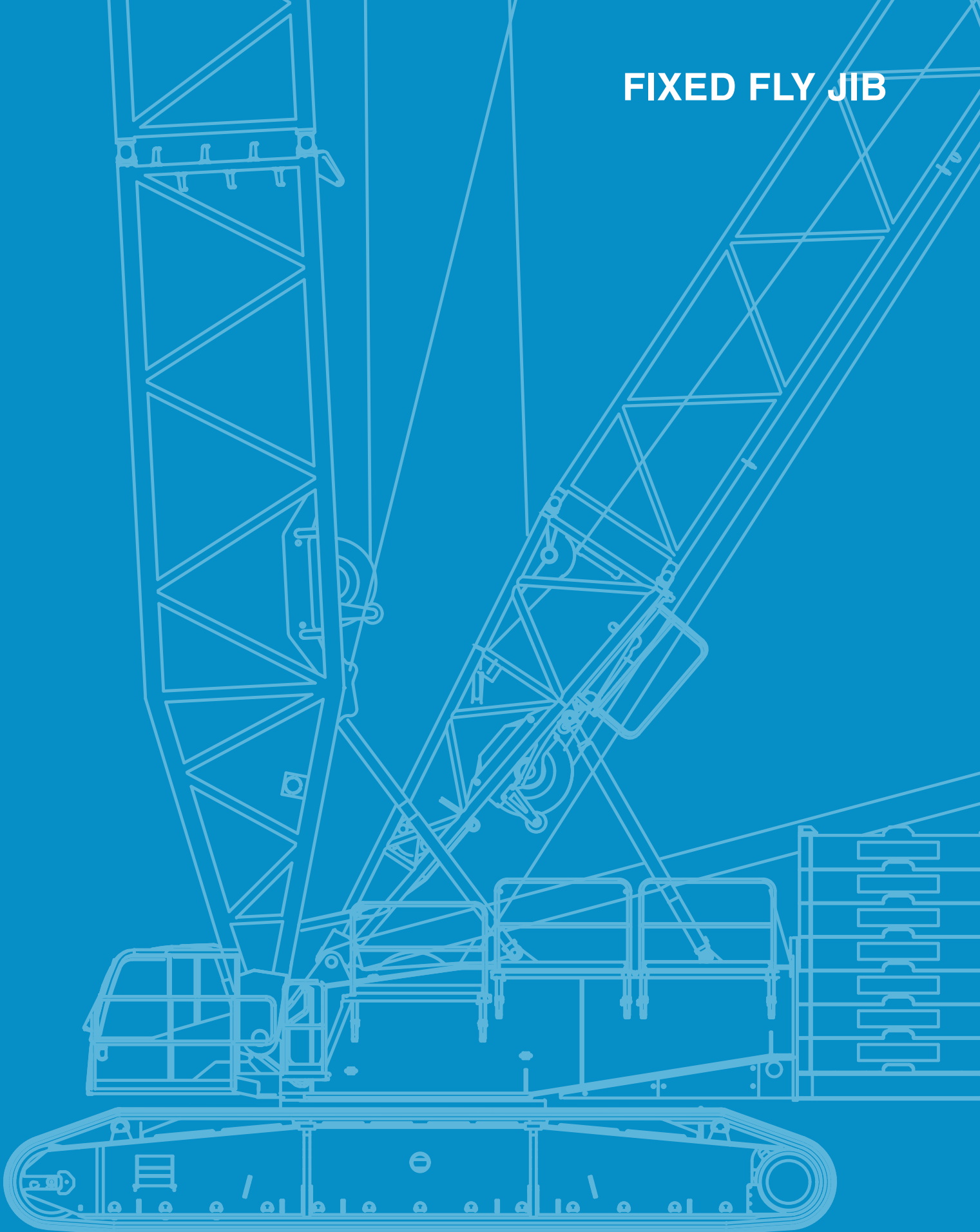
352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° ASME B30.5													
334.6 ft SSL/LSL SGL_S1 354.3 ft SSL/LSL SGL_S1 374.0 ft SSL/LSL SGL_S1 393.7 ft SSL/LSL 413.4 ft SSL/LSL													
0 lb 0 - 529,200 lb 0 lb 0 - 529,200 lb 0 lb 0 - 529,200 lb 0 lb 0 - 529,200 lb 0 lb 0 - 529,200 lb 0 lb 0 - 529,200 lb 0 lb 0 - 529,200 lb													
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

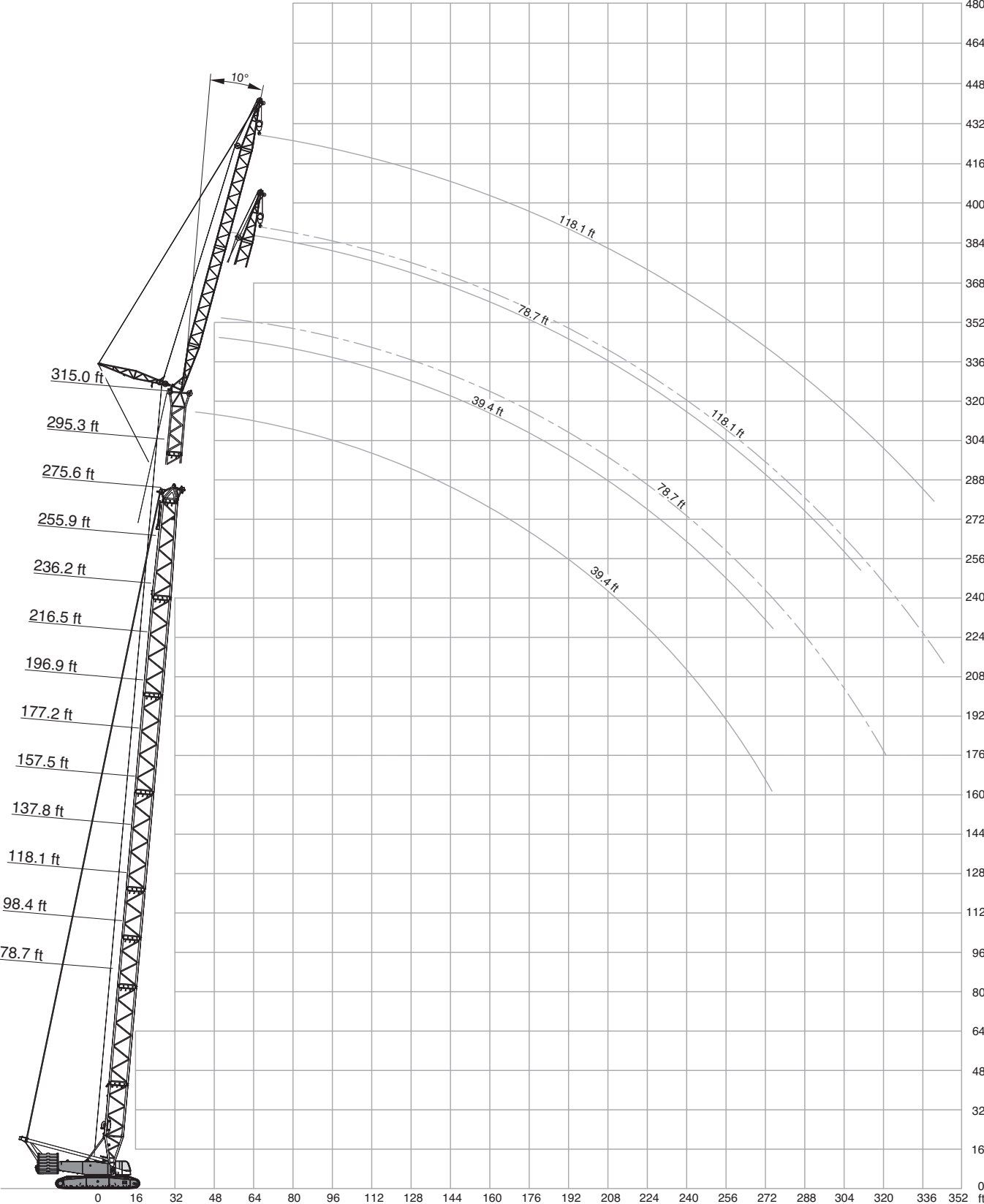
Notes

FIXED FLY JIB

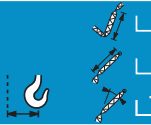


Operation

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



 +  39.4-118.1 ft										 23.8 ft					 32.2 ft/s					360°			ASME B30.5																	
 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° 15° 20° 10° 20° 30° 10° 20° 30°										10° 15° 20° 10° 20° 30°					10° 20° 30°															
ft 1,000 lb										1,000 lb																														
26.2	257.9	-	-	-	-	-	-	-	-	257.9	-	-	-	-	-	-	-	-	257.9	235.9	-	-	-	-	-	-	-	-	257.9	235.9	-	-	-	-	-	-				
29.5	257.9	235.9	-	-	-	-	-	-	-	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	-	-	-	-	-	-	-	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	-	-	-	-	-	-	-	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	-	-	-	-	-	-	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	-	-	-	-	-	-	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	-	-	-	-	83.8	-	-	-	-	-	-	-	-	-	-	208.3	172.0	140.0	130.1	-	-	-	-				
52.5	178.6	151.0	125.7	114.6	79.6	-	82.9	-	-	197.3	163.1	134.5	122.4	81.8	-	-	-	82.9	-	-	-	-	-	-	-	-	-	-	197.3	163.1	134.5	122.4	81.8	-	-	-				
59.1	159.8	136.7	115.7	102.7	72.5	-	80.7	-	-	177.5	148.8	123.5	110.2	75.2	-	-	-	81.4	-	-	-	-	-	-	-	-	-	-	177.5	148.8	123.5	110.2	75.2	-	-	-				
62.3	152.1	131.2	111.3	97.4	69.7	52.0	78.5	-	-	168.7	143.3	119.0	104.9	72.3	52.9	-	-	80.7	-	-	-	-	-	-	-	-	-	-	168.7	143.3	119.0	104.9	72.3	52.9	-	-				
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	69.7	51.1	78.5	-	-	-	-	-	-	-	-	-	-	-	-	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	64.8	48.1	71.4	49.6	-	-	147.7	126.8	108.5	91.3	64.8	48.1	71.4	49.6	-	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	60.4	45.4	65.5	46.1	-	-	136.7	119.0	102.1	84.0	60.4	45.4	65.5	46.1	-	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	31.3	126.8	111.3	96.6	77.8	56.9	43.0	60.4	43.0	31.7	-	126.8	111.3	96.6	77.8	56.9	43.0	60.4	43.0	31.7	-	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	29.3	114.6	105.2	91.7	72.3	53.6	41.0	56.0	40.3	30.0	-	114.6	105.2	91.7	72.3	53.6	41.0	56.0	40.3	30.0	-	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	27.6	105.2	99.6	87.3	67.7	50.7	39.0	52.0	37.9	28.2	-	105.2	99.6	87.3	67.7	50.7	39.0	52.0	37.9	28.2	-	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	26.1	96.7	94.1	83.9	63.7	48.2	37.4	48.8	35.8	26.9	-	96.7	94.1	83.9	63.7	48.2	37.4	48.8	35.8	26.9	-	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	24.7	88.2	88.6	80.5	59.7	45.6	35.7	45.6	33.7	25.6	-	88.2	88.6	80.5	59.7	45.6	35.7	45.6	33.7	25.6	-	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	22.3	75.4	75.6	75.2	53.6	41.7	33.1	40.6	30.4	23.1	-	75.4	75.6	75.2	53.6	41.7	33.1	40.6	30.4	23.1	-	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	21.3	-	70.1	-	51.0	40.1	32.1	38.5	29.1	22.2	-	-	70.1	-	51.0	40.1	32.1	38.5	29.1	22.2	-	-	-	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	20.3	-	-	-	48.5	38.6	31.1	36.4	27.8	21.2	-	-	-	-	48.5	38.6	31.1	36.4	27.8	21.2	-	-	-	-	48.5	38.6	31.1	36.4	27.8	21.2	-	
144.4	-	-	-	42.1	34.8	-	31.9	24.9	19.5	-	-	-	46.5	37.3	30.3	34.6	26.6	20.4	-	-	-	-	46.5	37.3	30.3	34.6	26.6	20.4	-	-	-	-	46.5	37.3	30.3	34.6	26.6	20.4	-	
150.9	-	-	-	-	-	-	30.2	23.8	18.7	-	-	-	44.5	35.9	29.5	32.8	25.4	19.6	-	-	-	-	44.5	35.9	29.5	32.8	25.4	19.6	-	-	-	-	44.5	35.9	29.5	32.8	25.4	19.6	-	
164.0	-	-	-	-	-	-	27.6	22.0	17.6	-	-	-	41.2	34.2	-	30.2	23.4	18.3	-	-	-	-	41.2	34.2	-	30.2	23.4	18.3	-	-	-	-	41.2	34.2	-	30.2	23.4	18.3	-	
177.2	-	-	-	-	-	-	25.4	20.5	16.5	-	-	-	-	-	-	27.8	21.8	17.2	-	-	-	-	-	-	-	-	27.8	21.8	17.2	-	-	-	-	27.8	21.8	17.2	-			
190.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.8	20.5	16.5	-	-	-	-	-	-	-	-	25.8	20.5	16.5	-	-	-	-	25.8	20.5	16.5	-			
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.0	-	-	-	-	-	-	-	-	-	-	24.0	-	-	-	-	-	-	24.0	-	-	-			

		 39.4-118.1 ft									 23.8 ft			 32.2 ft/s			360°			ASME B30.5		
		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°	ASME B30.5		
		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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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°		ASME B30.5		
		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

Operation

SH/LH+LF2 SH/LH SGL_S1+LF2

  39.4-118.1 ft  23.8 ft  32.2 ft/s 360° ASME B30.5												
137.8 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												
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

Operation

SH/LH+LF2 SH/LH SGL_S1+LF2

  39.4-118.1 ft  23.8 ft  32.2 ft/s 360° ASME B30.5												
157.5 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°	
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	-	-

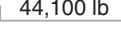
	220,500 lb	264,600 lb	352,800 lb
	0 lb	44,100 lb	88,200 lb

Operation

SH/LH+LF2 SH/LH SGL_S1+LF2

  39.4-118.1 ft  23.8 ft  32.2 ft/s 360° ASME B30.5												
  												
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°												
ft	1,000 lb											
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

Operation

SH/LH+LF2 SH/LH SGL_S1+LF2

   39.4-118.1 ft  23.8 ft  32.2 ft/s 360° ASME B30.5												
 196.9 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											
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

Operation

SH/LH+LF2 SH/LH SGL_S1+LF2

  39.4-118.1 ft  23.8 ft  32.2 ft/s 360° ASME B30.5												
 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

Operation

SH/LH+LF2 SH/LH SGL_S1+LF2

  39.4-118.1 ft  23.8 ft  32.2 ft/s 360° ASME B30.5												
  												
236.2 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°												
ft	1,000 lb											
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

Operation

SH/LH+LF2 SH/LH SGL_S1+LF2

   39.4-118.1 ft  23.8 ft  32.2 ft/s 360° ASME B30.5												
 255.9 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°												
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

Operation

SH/LH+LF2 SH/LH SGL_S1+LF2

  39.4-118.1 ft  23.8 ft  32.2 ft/s 360° ASME B30.5												
 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

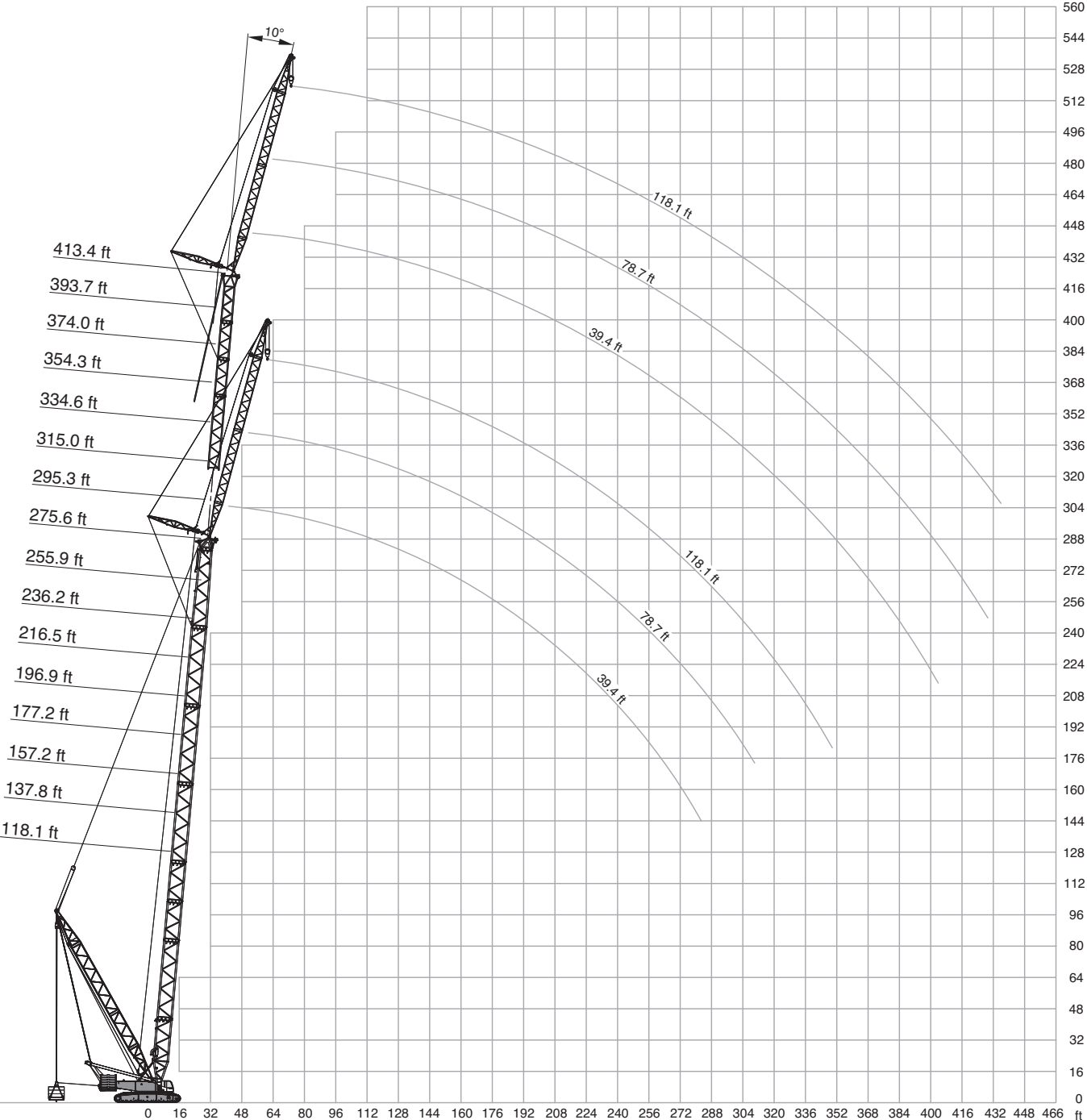
 220,500 lb
  264,600 lb
  352,800 lb

 0 lb
  44,100 lb
  88,200 lb

Notes

Operation

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



352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° ASME B30.5																			
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	-	-
	0 lb	88,200 lb	176,400 lb	264,600 lb	352,800 lb														

 352,800 lb +  88,200 lb		 29.5-49.2 ft		 23.8 ft		 32.2 ft/s		360°		ASME B30.5									
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																	
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	-	-	-

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

SSL+LF2

 352,800 lb +  88,200 lb		 29.5-49.2 ft									 23.8 ft			 32.2 ft/s			360°			ASME B30.5											
  	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	-	-	-	-	-	-	-	-	-	-	-	-	-



 352,800 lb +  88,200 lb										 29.5-49.2 ft										 23.8 ft										 32.2 ft/s										360°										ASME B30.5																			
										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°	15°	20°	10°	20°	30°	10°	20°	30°	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	-	-	-	-	-	-	-	-	-	-	-	-																																			
										0 lb										88,200 lb										176,400 lb										264,600 lb										352,800 lb																			

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

SSL+LF2

 352,800 lb +  88,200 lb		 29.5-49.2 ft									 23.8 ft			 32.2 ft/s			360°		ASME B30.5										
	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	-	-										

	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° ASME B30.5										
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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Operation

SSL/LSL+LF2 SSL/LSL SGL_S1+LF2

352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° ASME B30.5																				
255.9 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)	0 lb	1)
10°	15°	20°	30°	10°	15°	10°	20°	30°	10°	15°	20°	30°	10°	20°	30°					
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	44.8	44.8	
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	43.0	43.0	
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	41.2	41.2	
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	38.1	38.1	
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	35.5	35.5	
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	33.3	33.3	
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	31.1	31.1	
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	29.3	29.3	
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	27.8	27.8	
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	26.2	26.2	
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	24.9	24.9	
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	23.8	23.8	
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	22.7	22.7	
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	19.4	21.8	
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	16.3	20.9	
269.0	-	-	-	65.9	-	-	-	-	-	67.2	8.8	42.1	9.9	32.8	-	11.9	27.6	13.4	20.3	
282.2	-	-	-	-	-	-	-	-	-	-	6.2	40.8	7.1	32.2	-	9.3	26.5	10.8	19.6	
295.3	-	-	-	-	-	-	-	-	-	-	-	39.5	-	31.5	-	6.6	25.4	8.2	19.0	
308.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.5	5.7	18.5	
321.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.6	-	18.1	
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

Operation

SSL/LSL+LF2 SSL/LSL SGL_S1+LF2

 352,800 lb +  88,200 lb		 29.5-49.2 ft		 23.8 ft		 32.2 ft/s		360°		ASME B30.5		
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⁾	0 lb	¹⁾	0 lb	¹⁾	
 10°		15°		20°		30°		10°	15°	10°	20°	30°
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	220.5	191.8	104.7	104.7	-
59.1	165.3	165.3	148.8	148.8	135.6	135.6	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	219.4	178.6	101.9	101.9	74.1
72.2	138.9	155.4	140.0	141.1	129.0	129.0	83.8	218.3	170.9	98.8	98.8	71.0
78.7	125.7	149.9	126.8	136.7	125.7	125.7	81.6	212.7	163.1	95.9	95.9	68.3
85.3	113.5	145.5	115.7	133.4	116.8	123.5	79.6	201.7	156.5	92.8	92.8	65.7
91.9	104.5	141.1	105.8	130.1	107.1	120.2	77.6	191.8	149.9	90.2	90.2	63.5
98.4	95.7	136.7	96.8	125.7	98.1	116.8	75.8	183.0	144.4	87.5	87.5	61.3
111.5	80.2	129.0	81.6	120.2	82.9	110.2	72.5	167.6	134.5	82.0	82.0	57.3
124.7	66.4	123.5	67.2	114.6	68.1	104.3	69.7	154.3	125.7	70.5	77.6	53.8
137.8	54.9	116.8	55.8	109.8	56.7	98.8	58.2	143.3	117.9	60.0	74.3	50.7
150.9	45.4	111.3	46.3	104.7	47.0	94.1	48.3	134.5	111.3	50.5	70.8	47.8
164.0	37.7	105.2	38.4	99.6	38.8	89.9	39.9	125.7	105.6	42.5	66.4	45.2
177.2	31.1	99.0	31.5	94.6	32.2	86.2	33.1	117.9	100.5	35.7	62.2	38.1
190.3	25.4	93.3	26.0	89.7	26.5	82.9	27.3	109.3	95.9	30.0	58.6	32.2
203.4	20.7	88.2	21.2	85.1	21.6	79.8	22.3	102.3	91.9	25.1	55.3	26.9
216.5	16.5	83.3	17.0	80.7	17.2	77.4	17.9	94.6	88.4	20.7	52.5	22.5
229.7	12.6	78.3	13.0	76.1	13.2	74.1	13.9	86.6	85.1	17.0	50.0	18.5
242.8	9.0	73.2	9.3	71.7	9.7	70.1	-	79.4	79.8	13.7	47.6	15.0
255.9	5.7	68.1	6.2	67.0	6.4	65.9	-	73.2	73.4	10.6	45.6	11.9
269.0	-	63.1	-	62.6	-	61.9	-	66.4	66.8	7.5	43.9	8.8
282.2	-	58.2	-	58.2	-	-	-	59.3	59.5	-	42.3	5.7
295.3	-	-	-	-	-	-	-	-	-	-	40.8	-
308.4	-	-	-	-	-	-	-	-	-	-	39.5	-
321.5	-	-	-	-	-	-	-	-	-	-	38.6	-
334.6	-	-	-	-	-	-	-	-	-	-	-	-
347.8	-	-	-	-	-	-	-	-	-	-	-	-

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

Operation

SSL/LSL+LF2 SSL/LSL SGL_S1+LF2

 352,800 lb +  88,200 lb		 29.5-49.2 ft		 23.8 ft		 32.2 ft/s		360°		ASME B30.5							
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°						
1,000 lb																	
45.9	157.6	157.6	-	-	-	-	-	-	-	-	-						
49.2	157.6	157.6	142.2	142.2	-	-	-	-	-	-	-						
52.5	156.5	156.5	142.2	142.2	130.1	130.1	-	-	-	-	-						
55.8	154.3	154.3	141.1	141.1	130.1	130.1	-	-	-	-	-						
59.1	153.2	153.2	140.0	140.0	129.0	129.0	88.8	88.8	207.2	190.7	100.1						
65.6	148.8	148.8	136.7	136.7	125.7	125.7	86.4	86.4	207.2	181.9	97.7						
72.2	134.5	145.5	133.4	133.4	123.5	123.5	84.2	84.2	206.1	174.2	95.2						
78.7	121.3	141.1	122.4	130.1	120.2	120.2	82.2	82.2	206.1	166.4	92.8						
85.3	110.2	136.7	111.3	126.8	113.5	117.9	80.2	80.2	203.9	159.8	90.4						
91.9	101.0	132.3	102.3	123.5	103.6	114.6	78.3	78.3	198.4	153.2	87.7						
98.4	92.6	129.0	93.7	119.0	95.0	112.4	76.7	76.7	189.6	147.7	85.3						
111.5	78.0	121.3	79.1	112.4	80.2	106.7	73.4	73.4	174.2	137.8	79.4						
124.7	65.3	115.7	66.1	108.5	67.0	102.3	68.6	70.5	160.9	129.0	67.9						
137.8	53.6	110.2	54.5	103.8	55.3	98.3	56.9	68.1	148.8	121.3	58.4						
150.9	44.1	104.9	44.8	99.0	45.6	94.4	47.0	65.9	138.9	114.6	49.4						
164.0	36.2	99.4	36.8	94.4	37.5	90.2	38.8	63.9	131.2	109.1	41.2						
177.2	29.5	93.9	30.2	89.5	30.9	86.2	32.0	61.9	121.3	103.8	34.4						
190.3	24.0	88.4	24.5	84.9	25.1	82.0	25.8	60.4	106.0	99.2	28.7						
203.4	19.2	83.6	19.6	80.5	20.3	78.0	20.9	59.1	96.3	95.0	23.8						
216.5	15.0	79.1	15.4	76.5	15.9	74.5	16.5	58.0	89.9	90.4	19.4						
229.7	11.0	74.7	11.5	72.5	11.9	70.8	12.6	56.9	83.6	84.0	15.7						
242.8	7.5	70.3	7.9	68.6	8.2	67.0	8.8	56.2	77.2	77.6	12.3						
255.9	-	65.9	-	64.6	-	63.5	-	55.6	71.0	71.2	9.0						
269.0	-	61.5	-	60.6	-	59.7	-	-	64.6	65.0	6.0						
282.2	-	57.1	-	56.7	-	56.0	-	-	58.2	58.9	-						
295.3	-	52.9	-	52.7	-	-	-	-	52.0	52.5	-						
308.4	-	-	-	-	-	-	-	-	-	-	-						
321.5	-	-	-	-	-	-	-	-	-	-	-						
334.6	-	-	-	-	-	-	-	-	-	-	-						
347.8	-	-	-	-	-	-	-	-	-	-	-						
360.9	-	-	-	-	-	-	-	-	-	-	-						
374.0	-	-	-	-	-	-	-	-	-	-	-						

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

Operation

SSL/LSL+LF2 SSL/LSL SGL_S1+LF2

352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° ASME B30.5																	
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)		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	-	-	-	-	-	-	-	-
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
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
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
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
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
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
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	42.5	30.9	42.5	46.5
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
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
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
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
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
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
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
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
282.2	-	58.9	-	57.8	-	56.9	-	-	57.1	57.3	-	45.4	-	34.2	24.5	-	29.5
295.3	-	54.0	-	53.4	-	52.7	-	-	51.4	51.8	-	43.7	-	33.3	24.3	-	28.2
308.4	-	49.2	-	48.7	-	-	-	-	45.9	46.1	-	42.3	-	32.6	24.0	-	27.1
321.5	-	-	-	-	-	-	-	-	-	-	-	41.0	-	32.0	-	-	26.2
334.6	-	-	-	-	-	-	-	-	-	-	-	39.5	-	31.5	-	-	25.1
347.8	-	-	-	-	-	-	-	-	-	-	-	37.9	-	-	-	-	24.5
360.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.6
374.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.1
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

Operation

SSL/LSL+LF2 SSL/LSL SGL_S1+LF2

352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° ASME B30.5																	
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°	
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
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1) 0 lb - 352,800 lb

Operation

SSL/LSL+LF2 SSL/LSL SGL_S1+LF2

352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° ASME B30.5																			
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)		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
124.7	58.4	101.4	59.3	95.7	60.4	90.8	62.2	72.8	144.4	138.9	60.0	67.0	56.4	56.4	35.1	48.3	48.3	37.7	37.7
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
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
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
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
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
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
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
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
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
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
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
282.2	-	56.7	-	56.0	-	54.9	-	53.1	51.6	51.6	-	41.9	-	35.5	24.9	-	30.4	-	21.8
295.3	-	52.5	-	51.8	-	50.9	-	49.4	47.0	47.2	-	40.1	-	34.6	24.5	-	29.8	-	21.2
308.4	-	48.1	-	47.6	-	47.0	-	-	42.3	42.5	-	38.1	-	33.7	24.3	-	28.9	-	20.5
321.5	-	43.9	-	43.7	-	43.2	-	-	37.9	37.9	-	36.4	-	32.8	24.0	-	27.8	-	19.8
334.6	-	39.5	-	39.5	-	39.2	-	-	33.3	33.5	-	34.6	-	32.4	23.8	-	26.9	-	19.4
347.8	-	35.3	-	35.3	-	-	-	-	28.7	28.9	-	32.6	-	31.3	-	-	26.0	-	19.0
360.9	-	-	-	-	-	-	-	-	-	-	-	30.9	-	30.0	-	-	25.1	-	18.5
374.0	-	-	-	-	-	-	-	-	-	-	-	29.1	-	28.4	-	-	24.5	-	18.1
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

Operation

SSL/LSL+LF2 SSL/LSL SGL_S1+LF2

352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° ASME B30.5																			
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°	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

Operation

SSL/LSL+LF2 SSL/LSL SGL_S1+LF2

352,800 lb + 88,200 lb 29.5-49.2 ft 23.8 ft 32.2 ft/s 360° ASME B30.5																							
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)		0 lb		1)		0 lb		1)	
10°		15°		20°		30°		10°		15°		10°		20°		30°		10°		20°		30°	
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	31.1	31.1	-			
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	30.6	30.6	22.7			
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	30.0	30.0	21.6			
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	29.3	29.3	20.7			
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	28.7	28.7	19.8			
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	27.8	27.8	19.0			
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	27.1	27.1	18.3			
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	26.2	26.2	17.6			
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	21.8	25.6	17.0			
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	17.4	24.9	16.3			
229.7	-	53.8	-	52.0	-	50.5	-	47.6	-	-	7.3	37.5	9.9	34.0	27.3	9.7	27.8	13.0	24.3	15.9			
242.8	-	51.4	-	50.0	-	48.7	-	46.3	-	-	-	35.9	6.0	32.8	26.7	6.6	26.7	9.7	23.4	15.4			
255.9	-	48.9	-	47.8	-	46.7	-	44.8	-	-	-	34.6	-	31.7	26.2	-	25.6	6.6	22.7	15.0			
269.0	-	46.5	-	45.4	-	44.5	-	42.8	-	-	-	33.1	-	30.6	25.6	-	24.7	-	22.0	14.6			
282.2	-	44.1	-	43.2	-	42.3	-	40.6	-	-	-	31.7	-	29.5	25.1	-	23.6	-	21.4	14.1			
295.3	-	41.7	-	40.8	-	40.1	-	38.6	-	-	-	30.4	-	28.4	24.7	-	22.5	-	20.5	13.9			
308.4	-	39.2	-	38.6	-	37.9	-	36.6	-	-	-	29.3	-	27.6	24.5	-	21.6	-	19.8	13.4			
321.5	-	36.8	-	36.2	-	35.7	-	34.4	-	-	-	28.2	-	26.7	24.0	-	21.2	-	19.2	13.2			
334.6	-	34.4	-	34.0	-	33.5	-	-	-	-	-	27.1	-	25.6	23.8	-	20.5	-	19.0	13.0			
347.8	-	32.0	-	31.5	-	31.3	-	-	-	-	-	25.8	-	24.7	23.6	-	19.8	-	18.5	12.8			
360.9	-	29.3	-	29.3	-	29.1	-	-	-	-	-	24.7	-	23.8	22.9	-	19.4	-	18.1	12.6			
374.0	-	26.9	-	26.9	-	-	-	-	-	-	-	23.6	-	22.7	-	-	18.7	-	17.6	12.6			
387.1	-	24.5	-	24.7	-	-	-	-	-	-	-	22.5	-	21.8	-	-	18.1	-	17.2	12.3			
400.3	-	-	-	-	-	-	-	-	-	-	-	21.2	-	20.9	-	-	17.6	-	16.8	12.3			
413.4	-	-	-	-	-	-	-	-	-	-	-	20.1	-	-	-	-	17.0	-	16.3	-			
426.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.3	-	15.9	-			
439.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.9	-	15.4	-			
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

Operation

SSL/LSL+LF2 SSL/LSL SGL_S1+LF2

 352,800 lb +  88,200 lb		 29.5-49.2 ft		 23.8 ft		 32.2 ft/s		360°		ASME B30.5							
413.4 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°						
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	-	-	-	-	-						
72.2	74.3	74.3	70.3	70.3	65.9	65.9	59.5	59.5	-	-	-						
78.7	73.2	73.2	69.4	69.4	65.0	65.0	59.3	59.3	-	-	-						
85.3	71.9	71.9	68.6	68.6	64.2	64.2	58.6	58.6	-	-	-						
91.9	70.8	70.8	67.5	67.5	63.3	63.3	58.0	58.0	-	-	-						
98.4	69.7	69.7	66.4	66.4	62.4	62.4	57.3	57.3	-	-	-						
111.5	61.3	67.0	62.6	63.9	60.4	60.4	55.8	55.8	-	-	-						
124.7	50.9	64.4	52.0	61.7	53.1	58.4	54.2	54.2	-	-	-						
137.8	42.3	61.9	43.2	59.3	44.3	56.4	46.1	52.5	-	-	-						
150.9	32.6	59.5	33.7	57.1	34.8	54.5	37.0	50.9	-	-	-						
164.0	25.4	57.5	26.2	55.3	27.1	52.9	28.7	49.4	-	-	-						
177.2	19.2	55.6	19.8	53.6	20.7	51.1	22.3	48.1	-	-	-						
190.3	13.9	53.6	14.6	51.6	15.2	49.6	16.5	46.7	-	-	-						
203.4	8.6	51.6	9.3	49.8	10.1	48.1	11.5	45.4	-	-	-						
216.5	-	49.6	-	47.8	-	46.3	6.6	43.9	-	-	-						
229.7	-	47.4	-	46.1	-	44.8	-	42.5	-	-	-						
242.8	-	45.4	-	44.3	-	43.0	-	41.2	-	-	-						
255.9	-	43.4	-	42.3	-	41.4	-	39.9	-	-	-						
269.0	-	41.4	-	40.6	-	39.7	-	38.4	-	-	-						
282.2	-	39.5	-	38.6	-	37.9	-	36.6	-	-	-						
295.3	-	37.3	-	36.6	-	35.9	-	34.8	-	-	-						
308.4	-	35.3	-	34.6	-	34.0	-	33.1	-	-	-						
321.5	-	33.3	-	32.6	-	32.2	-	31.3	-	-	-						
334.6	-	31.1	-	30.6	-	30.2	-	29.5	-	-	-						
347.8	-	29.1	-	28.7	-	28.4	-	-	-	-	-						
360.9	-	27.1	-	26.9	-	26.5	-	-	-	-	-						
374.0	-	25.1	-	24.9	-	24.5	-	-	-	-	-						
387.1	-	22.9	-	22.9	-	-	-	-	-	-	-						
400.3	-	20.9	-	20.9	-	-	-	-	-	-	-						
413.4	-	-	-	-	-	-	-	-	-	-	-						
426.5	-	-	-	-	-	-	-	-	-	-	-						
439.6	-	-	-	-	-	-	-	-	-	-	-						
452.8	-	-	-	-	-	-	-	-	-	-	-						
465.9	-	-	-	-	-	-	-	-	-	-	-						

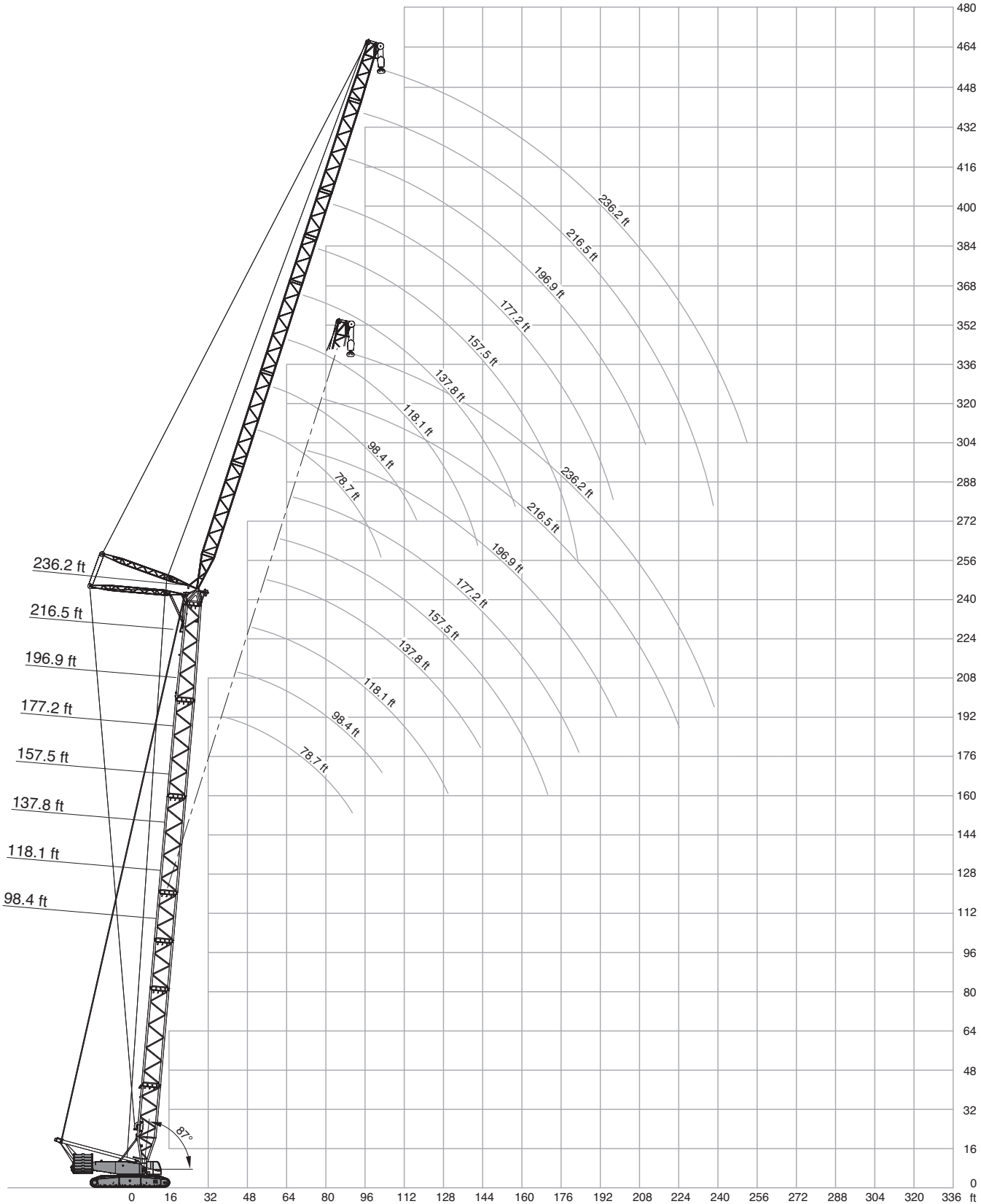
	0 lb	88,200 lb	176,400 lb	264,600 lb	352,800 lb
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¹⁾ 0 lb - 352,800 lb

Notes

LUFFING FLY JIB





 352,800 lb +  88,200 lb				 23.8 ft				 32.2 ft/s				360°		ASME B30.5					
 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	29.8	-		
203.4	-	36.2	31.3	39.9	34.2	29.3	38.8	33.1	28.2	37.3	31.1	26.0	-		
216.5	-	-	28.2	-	30.9	26.2	35.3	29.5	24.9	33.5	27.6	22.7	-		
229.7	-	-	-	-	-	23.4	-	26.5	22.0	30.0	24.3	19.8	-		
242.8	-	-	-	-	-	-	-	24.0	19.6	26.2*	21.6	17.4	-		
255.9	-	-	-	-	-	-	-	-	17.6	-	19.4	15.2	-		
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°		ASME B30.5		
 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°		ASME B30.5		
 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°		ASME B30.5		
 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	35.9	24.5	-
216.5	-	26.5	18.3	-	24.5	16.3	34.0	23.4	32.0	21.2	12.8
229.7	-	-	16.1	-	21.8	14.1	29.1*	20.7	28.7	18.5	10.6
242.8	-	-	14.3	-	-	12.1	-	18.3	25.8	15.9	8.4
255.9	-	-	-	-	-	10.4	-	16.1	9.0	13.9	6.6
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°		ASME B30.5		
 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	
190.3	-	-	-	-	-	-	-	-	-	25.6	-	-	22.7	-	32.2	
203.4	-	-	-	-	-	-	-	-	-	-	-	-	19.8	-	28.7	
216.5	-	-	-	-	-	-	-	-	-	-	-	-	17.9	-	-	
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

 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	37.0	24.3	-	35.3	22.0	-
216.5	-	24.0	14.8	-	22.3	33.5	21.2	11.5	31.3	19.0	-
229.7	-	-	12.6	-	19.6	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°

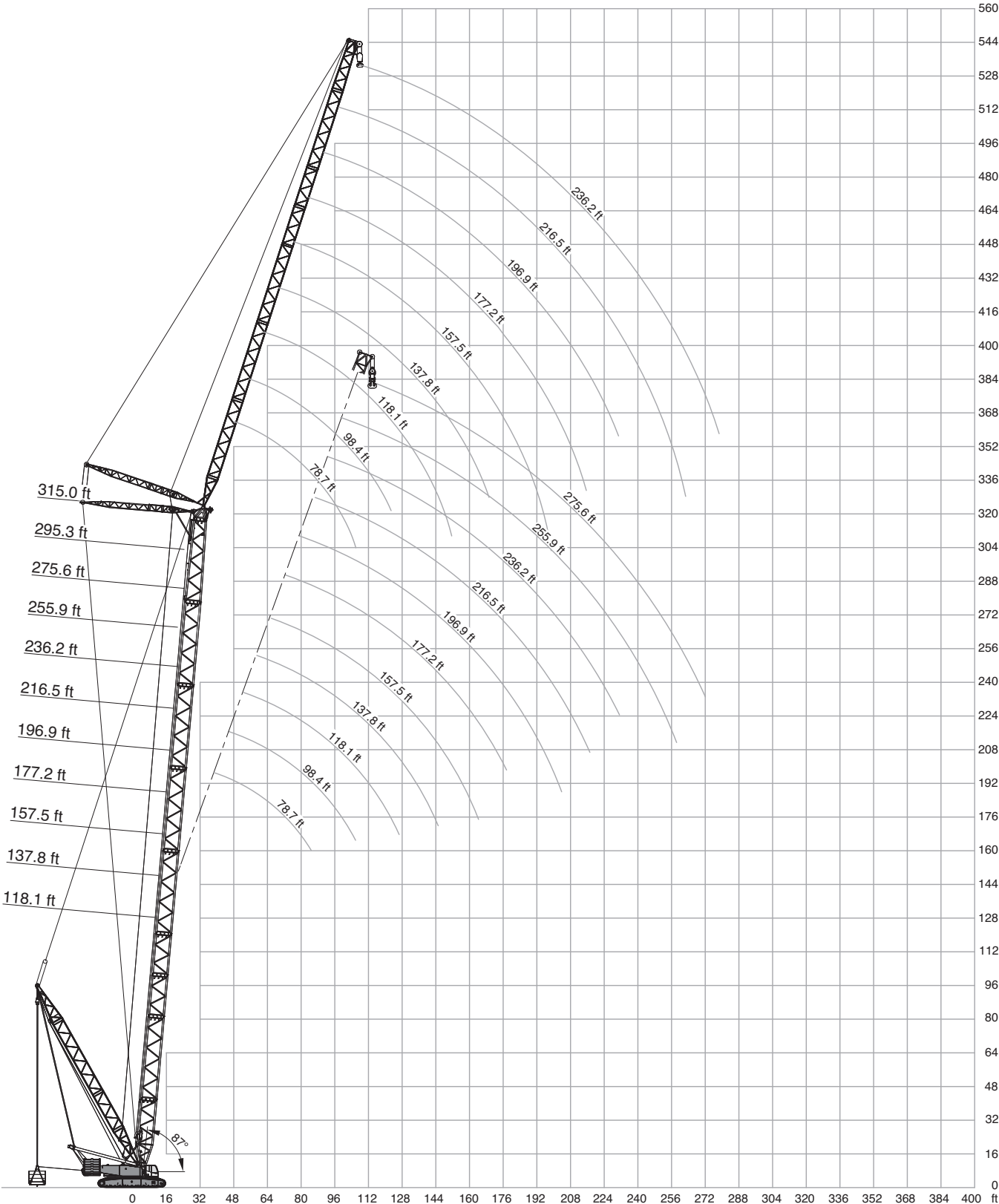
Main boom angle 87°/85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

 352,800 lb +  88,200 lb				 23.8 ft				 32.2 ft/s			360°		ASME B30.5			
 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

Notes



 352,800 lb +  88,200 lb  29.5-49.2 ft  23.8 ft  32.2 ft/s 360° ASME B30.5						
 118.1 ft +  78.7 ft						
 0 lb  0 lb - 529,200 lb						
	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° ASME B30.5

 118.1 ft +  236.2 ft

ft	0 lb - 529,200 lb					
	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

ft	1,000 lb					
	87°/85°	87°/85°	75°	65°	55°	45°
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

 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

 137.8 ft +  78.7 ft

ft	0 lb - 529,200 lb					
	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

ft	1,000 lb					
	87°/85°	87°/85°	75°	65°	55°	45°
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	-

 352,800 lb +  88,200 lb  29.5-49.2 ft  23.8 ft  32.2 ft/s 360° ASME B30.5						
 137.8 ft +  157.5 ft						
 0 lb  0 lb - 529,200 lb						
	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						
 0 lb  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
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 +  275.6 ft						
 0 lb  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
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° ASME B30.5						
 157.5 ft +  78.7 ft						
 ft	 0 lb  0 lb - 529,200 lb					
	87°/85°	87°/85°	75°	65°	55°	45°
ft	1,000 lb					
39.4	312.0*	407.9*	-	-	-	-
45.9	272.3*	407.9	-	-	-	-
52.5	241.4*	407.9	-	-	-	-
59.1	216.9*	407.9	-	-	-	-
65.6	196.7*	396.8	-	-	-	-
72.2	179.9*	380.3	-	-	-	-
78.7	162.7*	341.7	-	-	-	-
85.3	146.8*	303.1	328.5	-	-	-
91.9	133.6*	264.6	302.0	-	-	-
98.4	-	-	278.9	-	-	-
111.5	-	-	241.4	-	-	-
124.7	-	-	212.3	202.6	-	-
137.8	-	-	-	180.6	-	-
150.9	-	-	-	162.5	-	-
157.5	-	-	-	-	149.3	-
164.0	-	-	-	-	142.2	-
 157.5 ft +  118.1 ft						
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 +  157.5 ft						
ft	1,000 lb					
55.8	196.7*	215.6*	-	-	-	-
59.1	187.0*	215.6*	-	-	-	-
65.6	170.0*	216.9	-	-	-	-
72.2	155.6*	216.7	-	-	-	-
78.7	143.3*	214.1	-	-	-	-
85.3	132.5*	209.0	-	-	-	-
91.9	123.2*	201.7	-	-	-	-
98.4	114.9*	193.8	-	-	-	-
111.5	99.2*	177.9	-	-	-	-
118.1	91.9*	170.0	197.5	-	-	-
124.7	85.5*	162.0	196.9	-	-	-
137.8	74.5*	147.9	181.2	-	-	-
150.9	65.9*	134.9	162.9	-	-	-
164.0	58.9*	114.4	147.7	-	-	-
177.2	-	-	134.9	127.2	-	-
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 +  196.9 ft						
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° ASME B30.5						
 157.5 ft +  236.2 ft						
 0 lb  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
ft	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° ASME B30.5						
 177.2 ft +  157.5 ft						
 0 lb 0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
ft	1,000 lb					
55.8	189.2*	202.6*	-	-	-	-
59.1	179.9*	202.6*	-	-	-	-
65.6	163.8*	200.4*	-	-	-	-
72.2	150.1*	204.8	-	-	-	-
78.7	138.5*	202.2	-	-	-	-
85.3	128.1*	199.1	-	-	-	-
91.9	119.3*	194.0	-	-	-	-
98.4	111.3*	188.3	-	-	-	-
111.5	98.1*	174.2	-	-	-	-
124.7	84.7*	160.1	187.8	-	-	-
137.8	73.9*	146.8	178.6	-	-	-
150.9	65.3*	134.7	160.5	-	-	-
164.0	58.2*	117.5	145.5	-	-	-
177.2	-	-	132.7	123.7	-	-
190.3	-	-	121.9	113.5	-	-
203.4	-	-	110.5	104.7	-	-
216.5	-	-	-	97.0	-	-
229.7	-	-	-	90.2	84.0	-
242.8	-	-	-	-	79.1	-
255.9	-	-	-	-	74.1	-
269.0	-	-	-	-	-	64.2
282.2	-	-	-	-	-	60.8

 177.2 ft +  196.9 ft						
ft	1,000 lb					
65.6	142.2*	146.8*	-	-	-	-
72.2	140.0*	145.5*	-	-	-	-
78.7	129.2*	146.6	-	-	-	-
85.3	119.5*	145.7	-	-	-	-
91.9	111.1*	143.7	-	-	-	-
98.4	103.6*	141.5	-	-	-	-
111.5	91.1*	136.5	-	-	-	-
124.7	80.7*	130.7	-	-	-	-
137.8	71.9*	125.2	-	-	-	-
144.4	67.2*	122.4	133.8	-	-	-
150.9	63.1*	119.5	133.4	-	-	-
164.0	55.8*	113.5	130.5	-	-	-
177.2	49.8*	106.7	126.1	-	-	-
190.3	44.8*	97.0	119.5	-	-	-
203.4	40.3*	83.1	110.0	101.9	-	-
216.5	-	-	101.9	94.1	-	-
229.7	-	-	93.5	87.3	-	-
242.8	-	-	79.6	81.4	-	-
255.9	-	-	-	76.1	71.0	-
269.0	-	-	-	71.4	66.4	-
282.2	-	-	-	-	62.2	-
295.3	-	-	-	-	58.6	-
308.4	-	-	-	-	-	50.7
321.5	-	-	-	-	-	48.1

 0 lb 88,200 lb 176,400 lb 264,600 lb 308,700 lb 352,800 lb						
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 177.2 ft +  275.6 ft						
ft	1,000 lb					
85.3	68.6*	72.3*	-	-	-	-
91.9	68.6*	71.9*	-	-	-	-
98.4	68.1	70.8	-	-	-	-
111.5	67.9	69.9	-	-	-	-
124.7	65.5	68.1	-	-	-	-
137.8	61.1*	65.9	-	-	-	-
150.9	54.5*	64.2	-	-	-	-
164.0	48.7*	62.4	-	-	-	-
177.2	43.7*	60.6	60.8	-	-	-
190.3	39.2*	58.9	60.4	-	-	-
203.4	35.5*	57.3	59.7	-	-	-
216.5	32.0*	55.6	59.1	-	-	-
229.7	28.2*	54.0	58.0	-	-	-
242.8	24.9*	52.5	56.9	-	-	-
255.9	21.8*	50.7	56.0	52.7	-	-
269.0	19.2*	49.2	54.2	52.7	-	-
282.2	16.8*	44.1	52.2	52.5	-	-
295.3	-	-	50.3	52.5	-	-
308.4	-	-	48.3	52.5	44.5	-
321.5	-	-	-	50.9	44.5	-
334.6	-	-	-	48.3	43.9	-
347.8	-	-	-	45.4	41.2	-
360.9	-	-	-	-	38.8	-
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° ASME B30.5						
 196.9 ft +  78.7 ft						
 0 lb  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
ft	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						
ft	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	-

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

 196.9 ft +  157.5 ft						
 0 lb  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
ft	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						
ft	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

 352,800 lb +  88,200 lb  29.5-49.2 ft  23.8 ft  32.2 ft/s 360° ASME B30.5						
 196.9 ft +  236.2 ft						
 0 lb  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
ft	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						
 ft  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  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
ft	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						
 ft  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	-



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° ASME B30.5						
 216.5 ft +  157.5 ft						
 0 lb 0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
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						
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
 216.5 ft +  275.6 ft						
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



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° ASME B30.5						
 236.2 ft +  78.7 ft						
 0 lb  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
ft	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						
ft	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	-

 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

 23.8 ft  32.2 ft/s 360° ASME B30.5						
 236.2 ft +  157.5 ft						
 0 lb  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
ft	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						
ft	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

 352,800 lb + 88,200 lb  29.5-49.2 ft  23.8 ft  32.2 ft/s 360° ASME B30.5						
 236.2 ft + 236.2 ft						
 0 lb  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
ft	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						
ft						
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						

 255.9 ft + 118.1 ft						
ft						
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° ASME B30.5						
 255.9 ft +  157.5 ft						
 0 lb  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
ft	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						
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

 0 lb  88,200 lb  176,400 lb  264,600 lb  308,700 lb  352,800 lb						
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For explanations see page 83

 23.8 ft  32.2 ft/s 360° ASME B30.5						
 255.9 ft +  236.2 ft						
 0 lb  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
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						
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

 352,800 lb +  88,200 lb  29.5-49.2 ft  23.8 ft  32.2 ft/s 360° ASME B30.5						
 275.6 ft +  78.7 ft						
 0 lb  0 lb - 529,200 lb						
	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						
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	-

 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

 275.6 ft +  157.5 ft						
 0 lb  0 lb - 529,200 lb						
	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						
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

 352,800 lb +  88,200 lb  29.5-49.2 ft  23.8 ft  32.2 ft/s 360° ASME B30.5						
 275.6 ft +  236.2 ft						
 0 lb  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
ft	1,000 lb					
78.7	58.2*	63.5*	-	-	-	-
85.3	58.2*	63.5*	-	-	-	-
91.9	57.8*	62.4*	-	-	-	-
98.4	57.5	62.4	-	-	-	-
111.5	57.1	61.1	-	-	-	-
124.7	55.6	59.1	-	-	-	-
137.8	50.7*	56.9	-	-	-	-
150.9	48.3*	54.5	-	-	-	-
164.0	43.9*	51.8	-	-	-	-
177.2	39.5*	49.4	-	-	-	-
190.3	35.5*	46.7	52.0	-	-	-
203.4	32.2*	44.5	51.1	-	-	-
216.5	29.1*	42.3	49.4	-	-	-
229.7	26.5*	39.9	47.0	-	-	-
242.8	24.0*	37.7	44.8	-	-	-
255.9	17.9	35.5	42.3	-	-	-
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	-

 295.3 ft +  78.7 ft						
 0 lb  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
ft	1,000 lb					
45.9	147.3*	164.0*	-	-	-	-
52.5	145.1*	159.6*	-	-	-	-
59.1	144.0	160.5	-	-	-	-
65.6	140.7	158.5	-	-	-	-
72.2	129.6	153.9	-	-	-	-
78.7	124.3*	149.0	-	-	-	-
85.3	119.0*	144.4	-	-	-	-
91.9	113.1*	139.8	-	-	-	-
98.4	106.7*	135.6	-	-	-	-
105.0	92.8	131.4	-	-	-	-
124.7	-	-	149.7	-	-	-
137.8	-	-	144.2	-	-	-
150.9	-	-	135.8	-	-	-
157.5	-	-	131.0	-	-	-
190.3	-	-	-	98.8	-	-
203.4	-	-	-	91.1	-	-

 295.3 ft +  118.1 ft						
ft	1,000 lb					
55.8	110.7*	124.1*	-	-	-	-
59.1	110.7*	122.6*	-	-	-	-
65.6	107.6*	119.5*	-	-	-	-
72.2	109.1	122.1	-	-	-	-
78.7	107.6	119.3	-	-	-	-
85.3	102.7	116.2	-	-	-	-
91.9	95.9	113.1	-	-	-	-
98.4	90.6*	110.0	-	-	-	-
111.5	84.0*	103.6	-	-	-	-
124.7	77.6*	97.9	-	-	-	-
131.2	73.9*	95.2	-	-	-	-
137.8	64.4	92.4	111.8	-	-	-
144.4	61.5	89.7	111.8	-	-	-
150.9	-	-	109.8	-	-	-
164.0	-	-	104.9	-	-	-
177.2	-	-	99.6	-	-	-
190.3	-	-	93.5	-	-	-
203.4	-	-	-	82.2	-	-
216.5	-	-	-	80.5	-	-
229.7	-	-	-	74.5	-	-
242.8	-	-	-	69.4	-	-
269.0	-	-	-	-	50.7	-
282.2	-	-	-	-	47.6	-



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° ASME B30.5						
 295.3 ft +  157.5 ft							 295.3 ft +  236.2 ft						
 0 lb		0 lb - 529,200 lb					 0 lb		0 lb - 529,200 lb				
 87°/85°	 87°/85°	75°	65°	55°	45°		 87°/85°	 87°/85°	75°	65°	55°	45°	
ft						1,000 lb	ft						1,000 lb
62.3	83.1*	94.4*	-	-	-		85.3	44.8*	53.1*	-	-	-	
65.6	83.1*	94.4*	-	-	-		91.9	44.3*	52.0*	-	-	-	
72.2	82.2*	92.4*	-	-	-		98.4	43.9	51.6	-	-	-	
78.7	82.2	93.0	-	-	-		111.5	43.4	50.7	-	-	-	
85.3	82.2	92.2	-	-	-		124.7	41.7	48.7	-	-	-	
91.9	80.5	90.2	-	-	-		137.8	39.5	46.7	-	-	-	
98.4	78.5	88.2	-	-	-		150.9	37.5	44.8	-	-	-	
111.5	72.3	84.0	-	-	-		164.0	35.3	42.8	-	-	-	
124.7	64.4	80.0	-	-	-		177.2	32.8	40.8	-	-	-	
137.8	59.7*	75.8	-	-	-		190.3	29.3	38.8	44.8	-	-	
150.9	55.8*	72.1	-	-	-		203.4	26.2	36.8	44.3	-	-	
157.5	53.6*	70.1	85.1	-	-		216.5	24.5*	35.1	43.2	-	-	
164.0	51.6*	68.3	84.4	-	-		229.7	22.5*	33.3	41.9	-	-	
177.2	43.0	64.6	82.0	-	-		242.8	20.7*	31.5	40.3	-	-	
190.3	-	-	78.7	-	-		255.9	16.8	29.8	38.8	-	-	
203.4	-	-	75.4	-	-		269.0	-	-	37.3	-	-	
216.5	-	-	71.4	-	-		282.2	-	-	35.5	37.0	-	
229.7	-	-	67.5	67.2	-		295.3	-	-	33.7	36.8	-	
242.8	-	-	-	65.9	-		308.4	-	-	32.0	35.9	-	
255.9	-	-	-	61.5	-		321.5	-	-	-	35.1	-	
269.0	-	-	-	57.3	-		334.6	-	-	-	34.0	-	
282.2	-	-	-	53.8	-		347.8	-	-	-	32.4	21.6	
295.3	-	-	-	-	40.1		360.9	-	-	-	30.9	19.6	
308.4	-	-	-	-	37.3		374.0	-	-	-	-	17.9	
321.5	-	-	-	-	34.6		387.1	-	-	-	-	16.3	
							400.3	-	-	-	-	15.0	

 295.3 ft +  196.9 ft						
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

 315.0 ft +  78.7 ft		
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	-	-
137.8	-	-
150.9	-	-
164.0	-	-
190.3	-	-
203.4	-	-
216.5	-	-

	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

 352,800 lb +  88,200 lb  29.5-49.2 ft  23.8 ft  32.2 ft/s 360° ASME B30.5						
 315.0 ft +  118.1 ft						
 0 lb  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
ft	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						
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	-
 0 lb  88,200 lb  176,400 lb  264,600 lb  308,700 lb  352,800 lb						
 315.0 ft +  196.9 ft						
 0 lb  0 lb - 529,200 lb						
	87°/85°	87°/85°	75°	65°	55°	45°
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						
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	35.3	-	-
308.4	-	-	34.0	35.1	-	-
321.5	-	-	-	34.2	-	-
334.6	-	-	-	31.7	-	-
347.8	-	-	-	29.3	-	-
360.9	-	-	-	27.1	15.0	-
374.0	-	-	-	-	13.4	-
387.1	-	-	-	-	11.9	-
400.3	-	-	-	-	10.6	-
413.4	-	-	-	-	9.5	-

* Main boom angle 87°

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

Notes

Notes to Lifting Capacity

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

Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.
Consult operation manual for further details.

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

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

TECHNICAL DESCRIPTION



Technical Description

Crawler carrier

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 EU Stage V / EPA Tier 4f	Mercedes-Benz diesel engine, type OM470LA, 6 cylinder, 280 kW (375 HP) at 1600 1/min, torque 1900 Nm at 1300 1/min. The engine complies with emission standard EU Stage V / EPA Tier 4f. Pump distribution gearbox with six variable displacement axial piston pumps and additional gear pumps. Stainless steel exhaust system with particle filter, SCR catalyzer and spark arrestor certificate. Sound insulation covering. Fuel: 109 gallons, AdBlue: 22.5 gallons.
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

Engine ECE R96	Optional for non-regulated markets: Mercedes-Benz diesel engine, type OM470LA, 6 cylinder, 280 kW (375 HP) at 1700 1/min, torque 1900 Nm at 1300 1/min. The engine complies with emission standard ECE R96 (similar to EU Stage III / EPA Tier 3). Stainless steel exhaust system with spark arrestor certificate. Fuel: 109 gallons.
Hydraulic cylinder A-frame	For self-assembly of crawlers.
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	Width 4.9 ft.
Heavy-duty head HA	882,000 lb + sheave assembly 882,000 lb, for capacities > 697,000 lb.

Technical Description

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	Max. capacity 66,100 lb.
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 29.5 ft, 36.1 ft, 42.6 ft, 49.2 ft.
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.

tac.sales@tadano.com
www.tadano.com

Tadano Ltd.

Kanda Square 18th Floor, 2-2-1 Kanda-Nishikicho, Chiyoda-ku, Tokyo 101-0054, Japan
Phone: +81-3-6811-7309 (International Division)

Tadano America Corporation

4242 West Greens Road, Houston, TX 77066
Phone: +1 (281) 869-00300 · Fax: +1 (281) 869-0040



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