



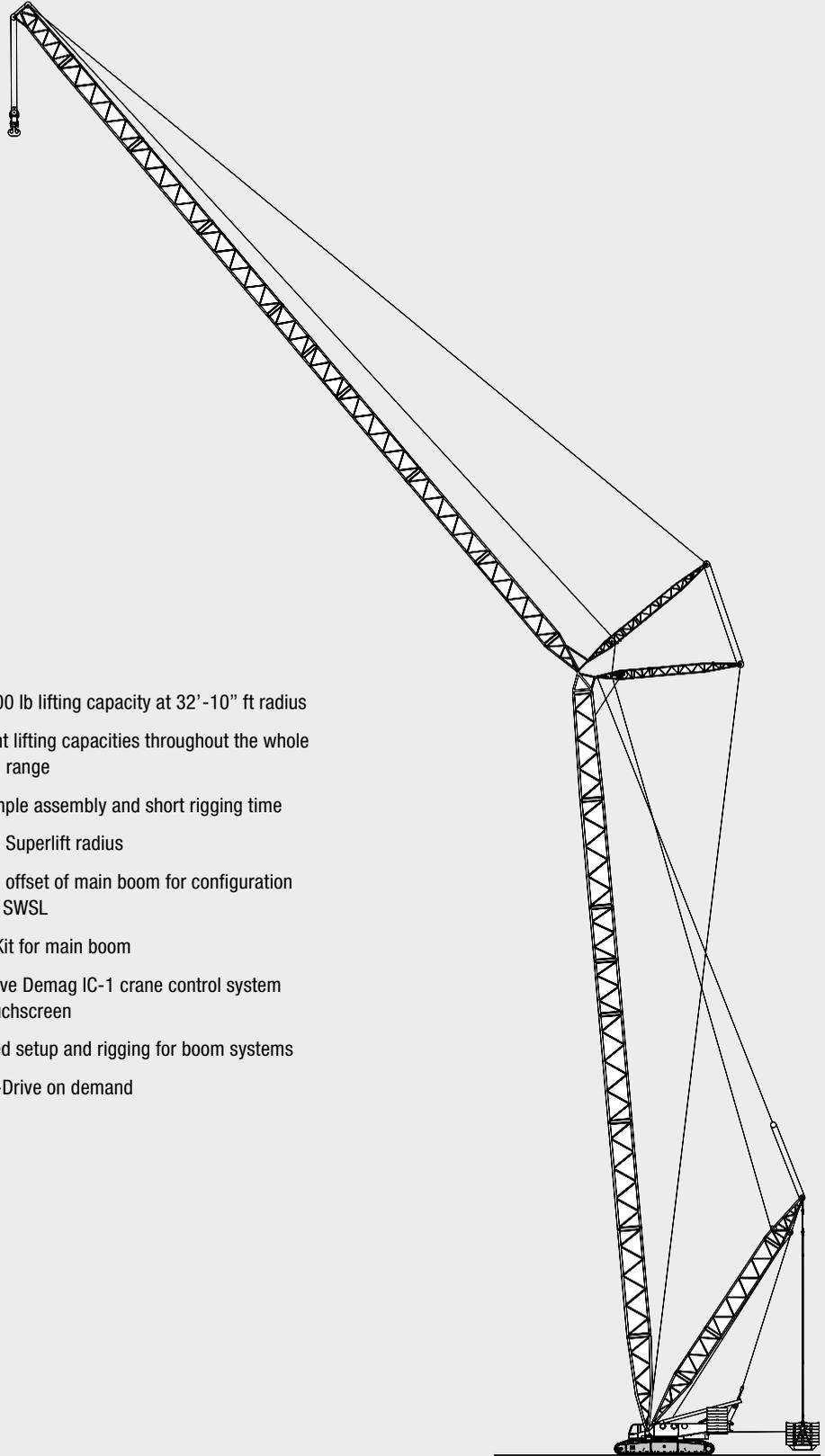
**DEMAG CC2800-1** | Crawler Crane 660 ton Lifting Capacity



**DEMAG CC2800-1**  
CRAWLER CRANE

# DEMAG CC2800-1 HIGHLIGHTS

- ▶ 1323,000 lb lifting capacity at 32'-10" ft radius
- ▶ Excellent lifting capacities throughout the whole working range
- ▶ Very simple assembly and short rigging time
- ▶ Variable Superlift radius
- ▶ Variable offset of main boom for configuration SW and SWSL
- ▶ Power-Kit for main boom
- ▶ Innovative Demag IC-1 crane control system with touchscreen
- ▶ Improved setup and rigging for boom systems
- ▶ Quadro-Drive on demand



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**Fixed fly jib**

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## SPECIFICATIONS

### WORKING SPEEDS (INFINITELY VARIABLE)

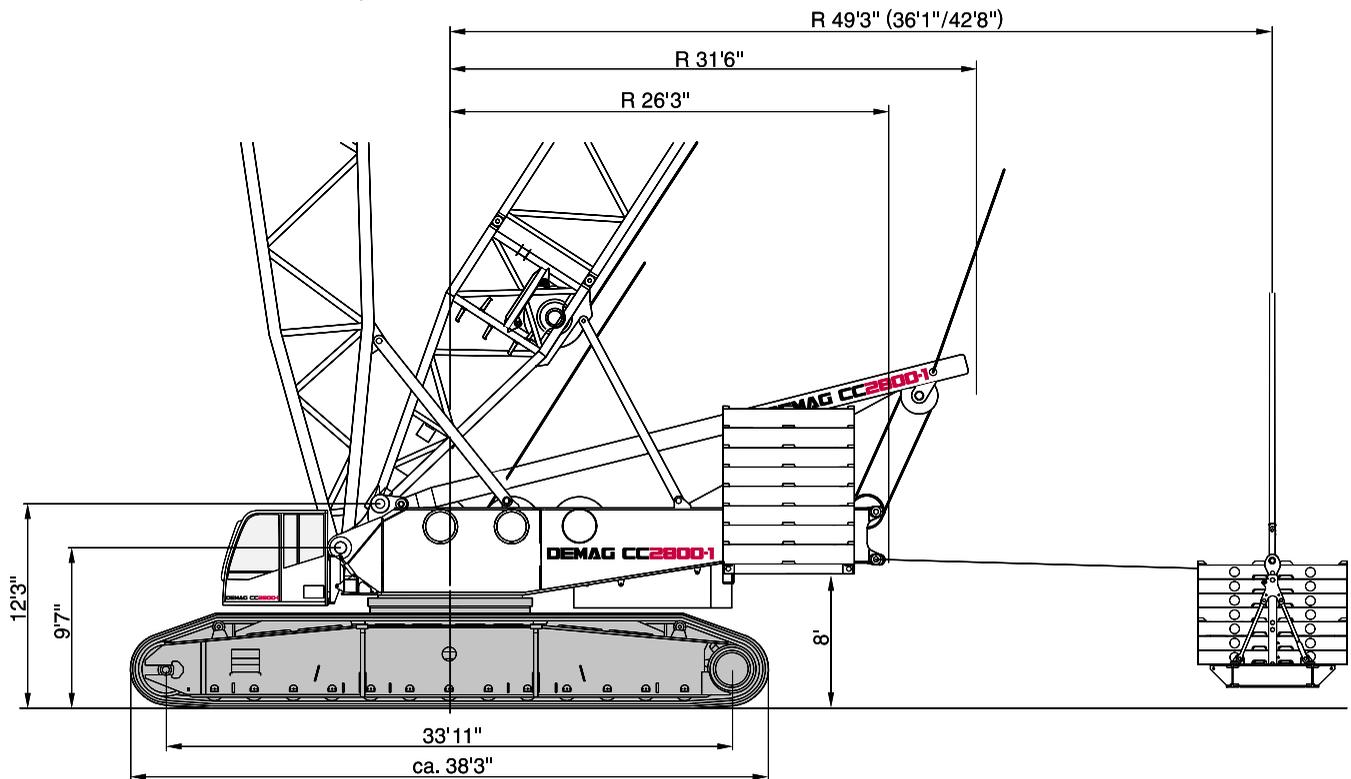
Mechanisms	Rope $\varnothing$	Speeds <sup>1)</sup>	Single line pull	Length of hoist rope
Hoist I (H1)	1 3/32"	max. 394 ft/min	35,520 lb / 31,698 lb <sup>2)</sup>	2953'
Hoist II (H2)	1 3/32"	max. 394 ft/min	35,520 lb / 31,698 lb <sup>2)</sup>	2953'
Boom derricking (W2)	1 3/32"	max. 394 ft/min		
Boom hoist (E)	1 3/16"	max. 171 ft/min		
Jib luffing (W1)	1 3/32"	max. 394 ft/min		
Slewing (rpm)		0.7		

1) top layer

2) without / with reeving effect considered

## BASIC CRANE DIMENSIONS

Basic crane dimensions with standard Superlift attachment

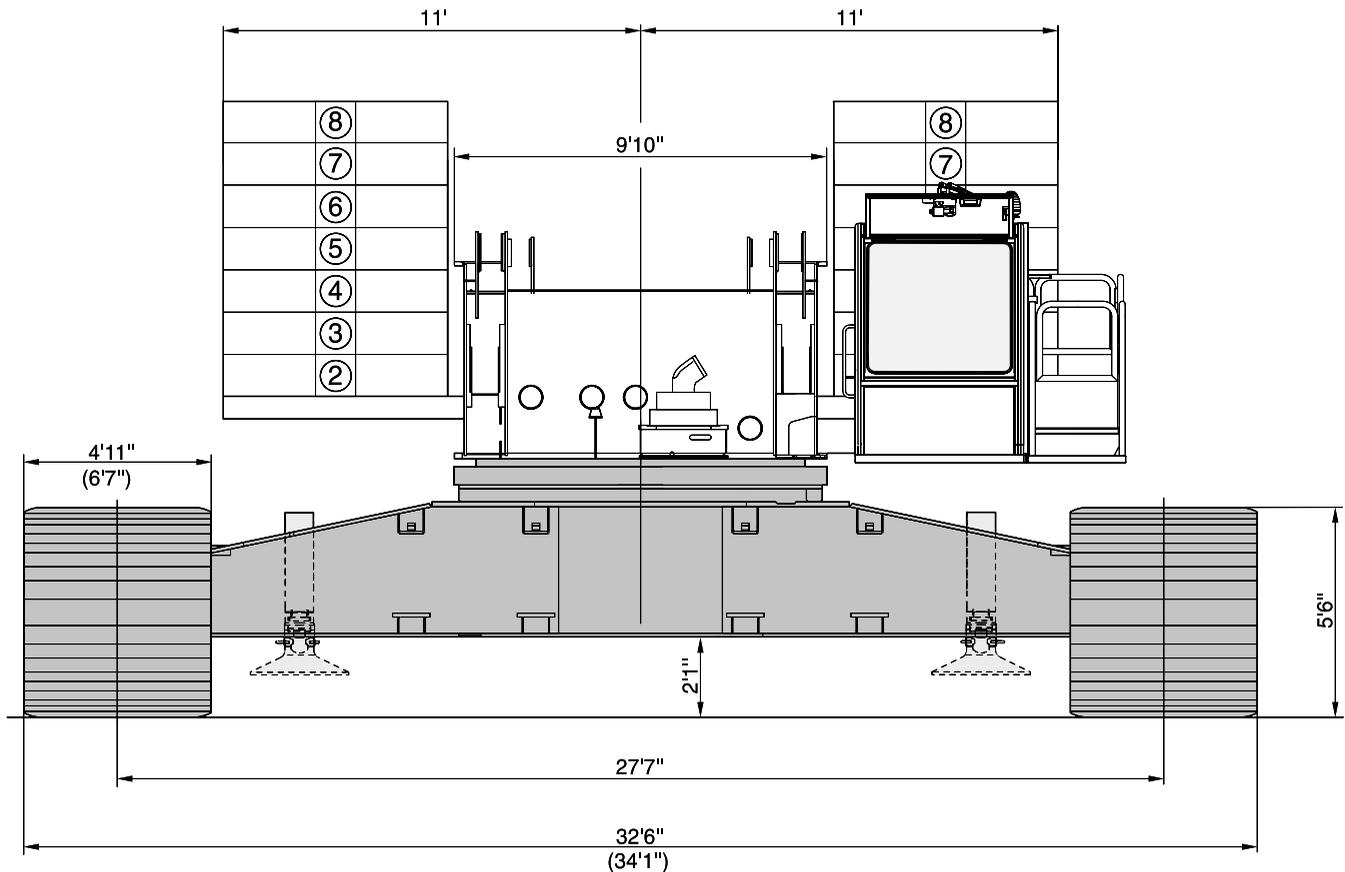


**SPECIFICATIONS**
**CARRIER PERFORMANCE WITH STANDARD DRIVE**

Mechanisms	Rope $\varnothing$	Speeds <sup>1)</sup>	Single line pull	Length of hoist rope
1 <sup>st</sup> gear				0-0.37 mph
2 <sup>nd</sup> gear				0-0.75 mph

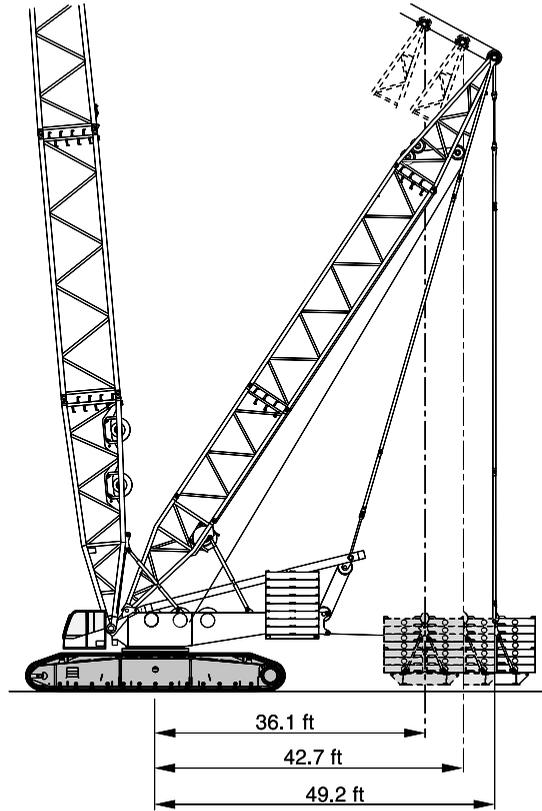
**HOOK BLOCKS**

Type	Possible load	Number of sheaves	Number of lines	Weight	„D“
2 x 300	1323,000 lb	2 x 11	2 x 22	22,900 lb – 26,500 lb	16'-5"
	545,000 lb	11	17	15,700 lb – 17,400 lb	17'-9"
2 x 200	882,000 lb	2 x 7	2 x 14	18,100 lb – 22,100 lb	16'-5"
	432,000 lb	7	13	11,700 lb – 13,700 lb	17'-9"
160	353,000 lb	5	11	7,280 lb – 10,600 lb	14'-1 1/2"
110	243,000 lb	3	7	4,190 lb – 7,940 lb	14'-1 1/2"
50	110,000 lb	1	3	6,170 lb	13'-1 1/2"
16	35,300 lb	—	1	2,000 lb	9'-10 1/2"

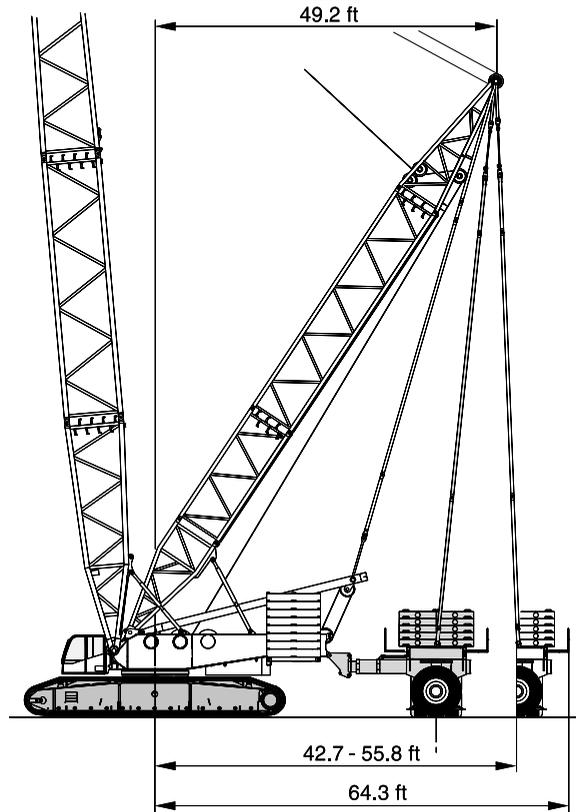
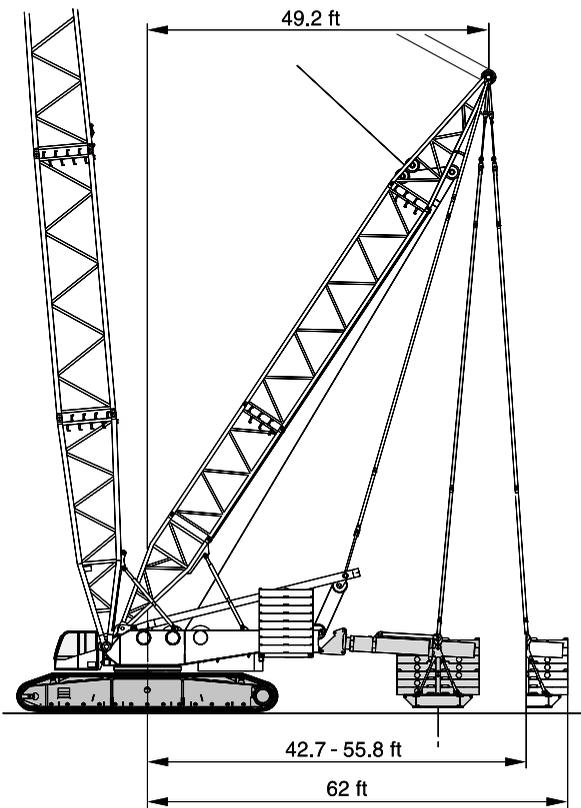


**SUPERLIFT CONFIGURATIONS**

**STANDARD-SL**  36.1 ft, 42.7 ft, 49.2 ft



**TELE-SL**  42.7 ft - 55.8 ft

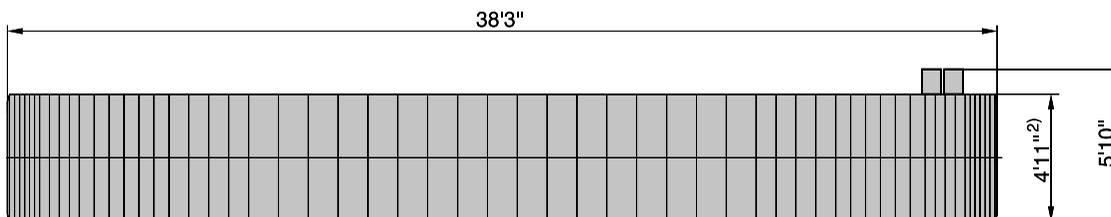
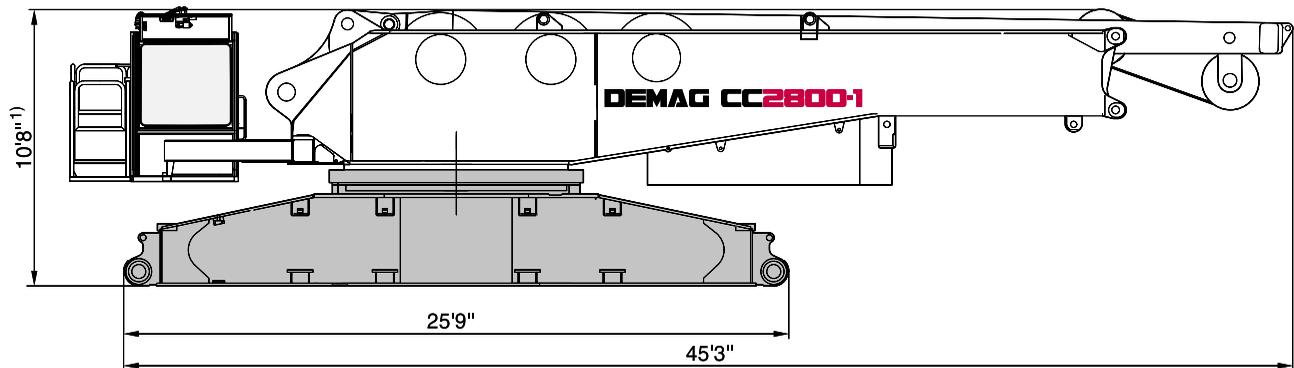


**SPECIFICATIONS**
**WEIGHTS**

Total weight incl. counterweight 353,000 lb, 78.7 ft SH boom and hook block	794,000 lb
Superstructure (with three drums, A-frame, reeving drum and boom backstops)	121,000 lb
Superstructure (without drums H1/H2, reeving winch, boom backstops and A-frame) incl. part of quick-connection	81,100 lb
Carbody / Carbody with assembly jacks	57,300 lb / 61,700 lb
Crawlers with standard drive (option: quadro drive)	2 x 97,000 lb (2 x 106,000 lb)
Counterweight	353,000 lb

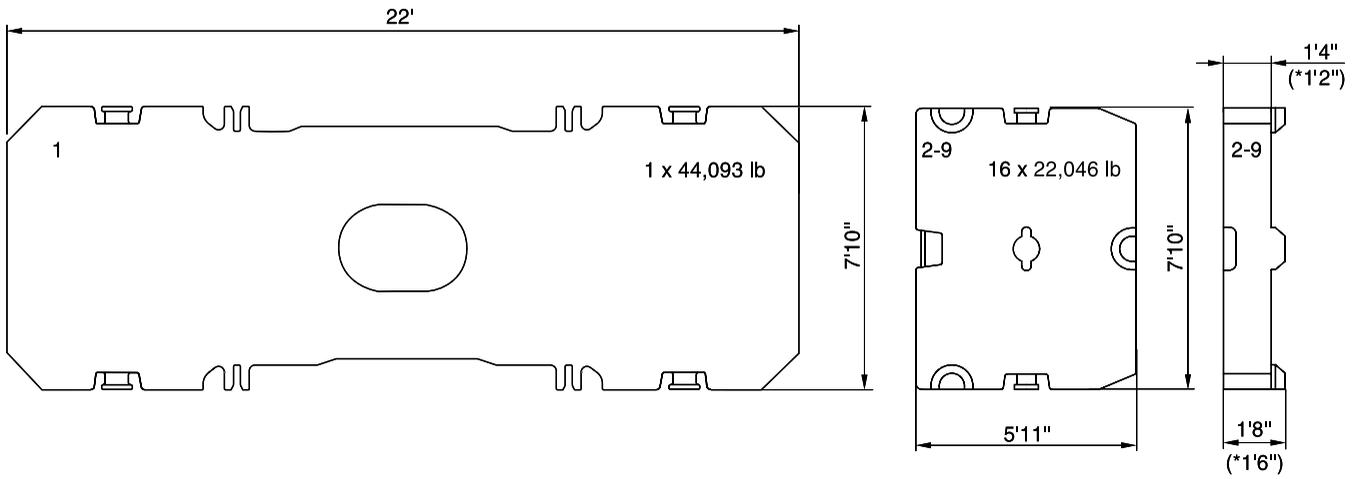
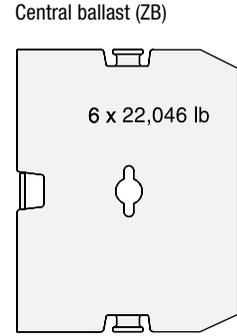
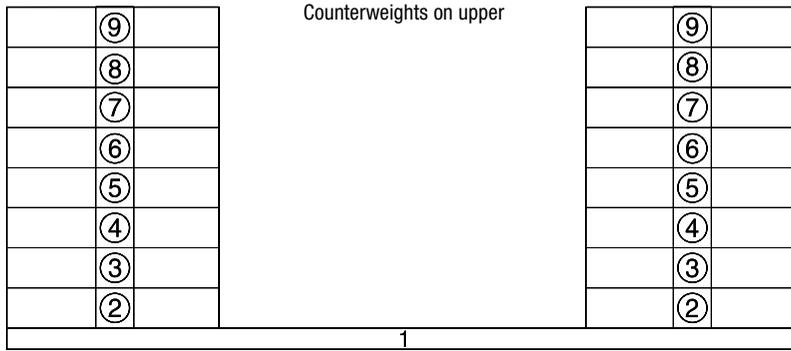
**GROUND PRESSURE**

Ground pressure, based on 794,000 lb total weight	20.3 lb / inch
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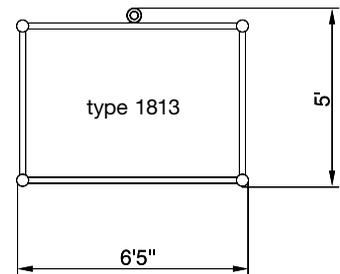
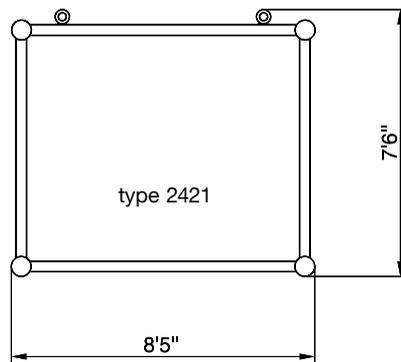
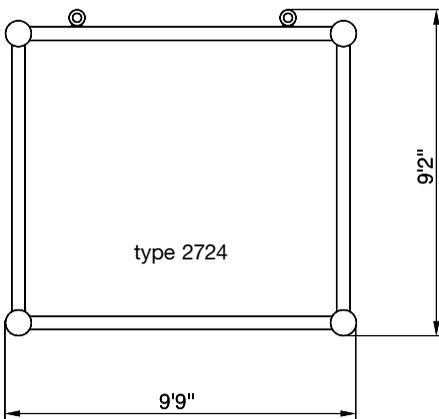


- 1) With quick-connection 11'-4 1/2"
- 2) optional 6'-7"

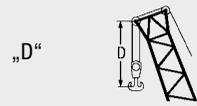
**SPECIFICATIONS**



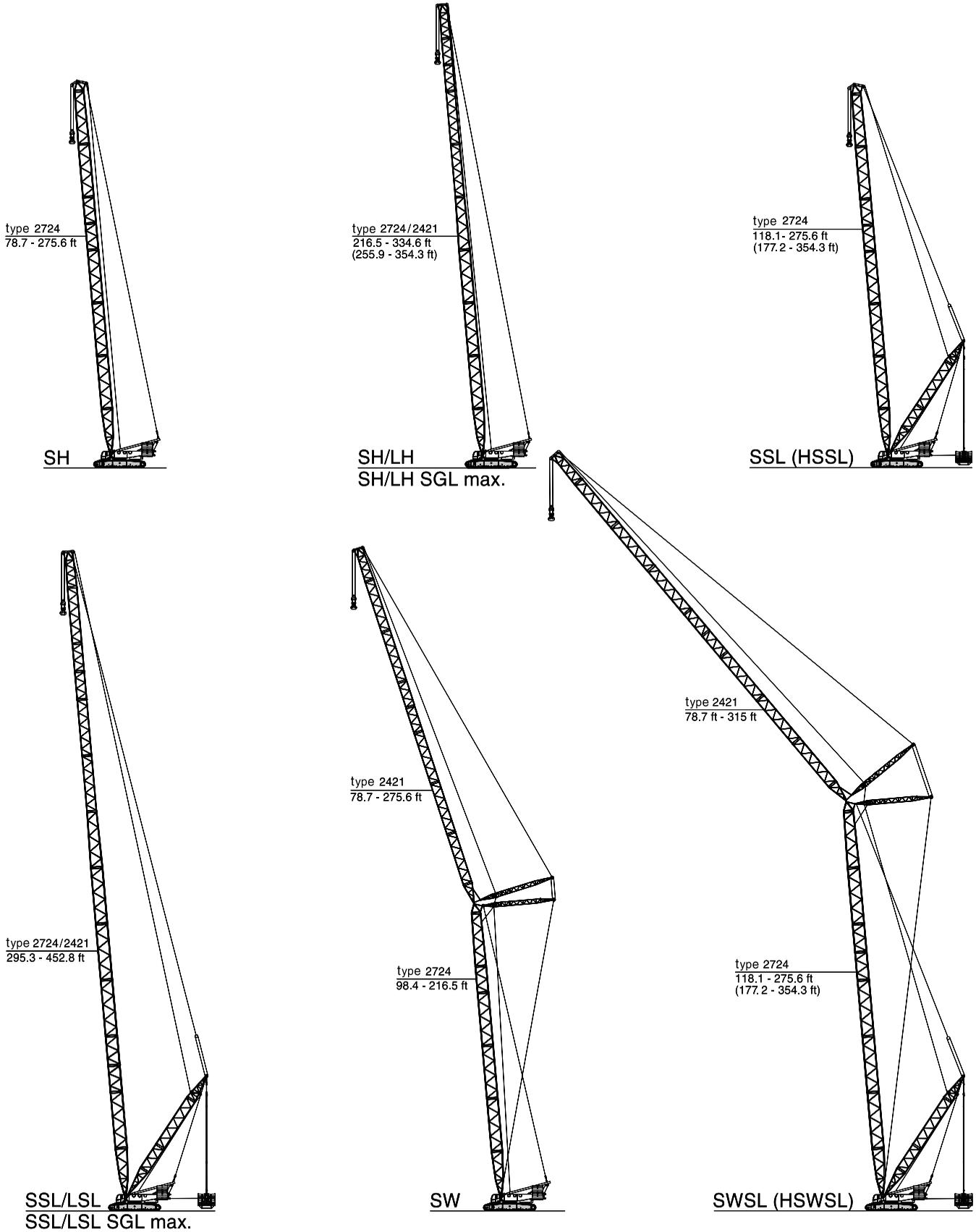
\* optional



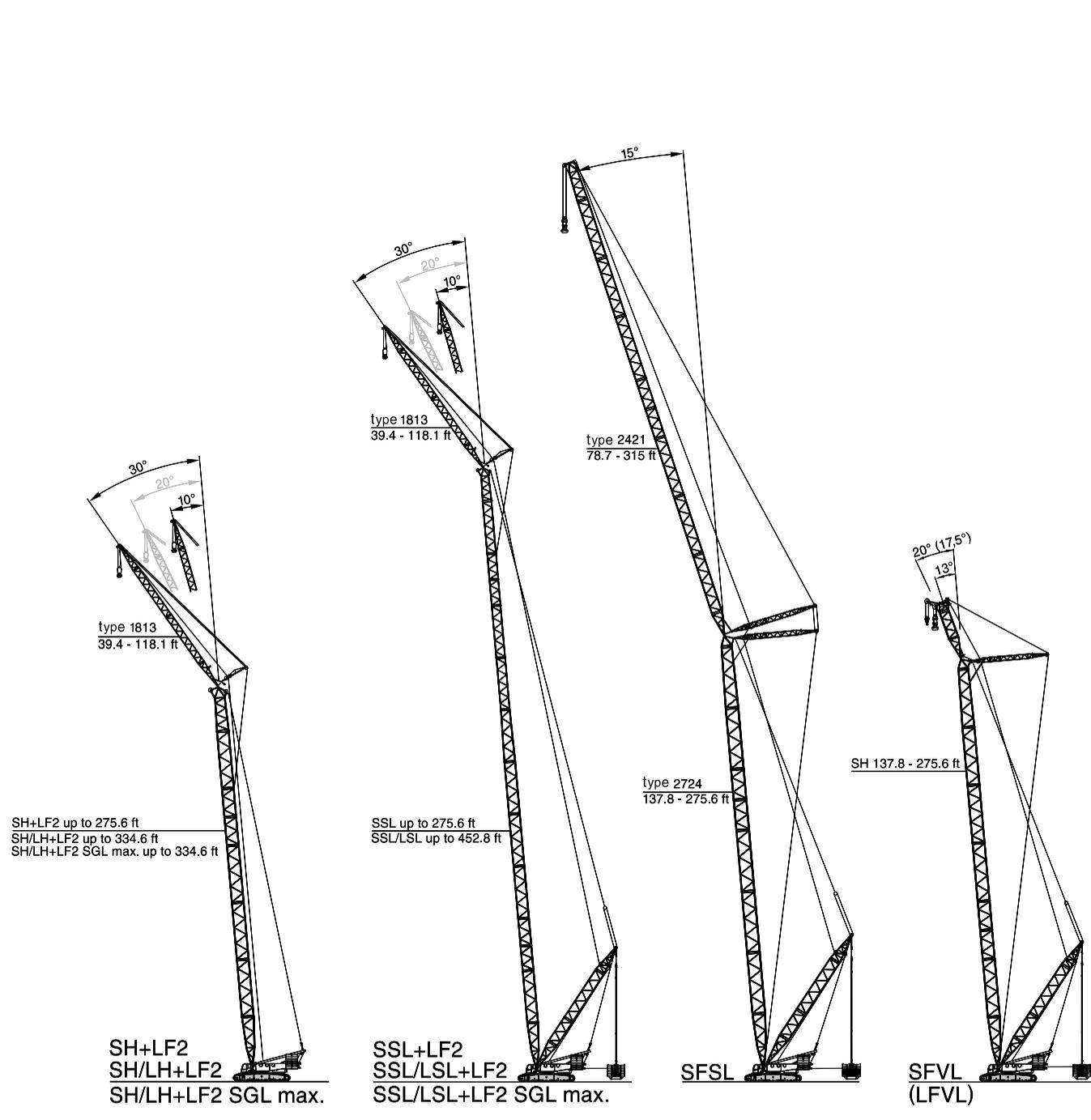
**KEY**

-  Track width
  
-  Counterweight + central ballast (ZB)
  
-  Superlift counterweight
  
-  Superlift radius
  
-  Load radius
  
-  Main boom
  
-  Fly jib
  
-  Main boom angle
  
-  Fly jib angle
  
-  „D“
  
- S: heavy
  
- L: light
  
- H: Main boom
  
- W: Luffing fly jib
  
- F: Fixed fly jib
  
- SL: Superlift
  
- SGL: Heavy base length

**BOOM COMBINATIONS**



**BOOM COMBINATIONS**



Special combinations available on request!

SFVL: Configuration with 1323,000 lb heavy-duty head

LFVL: Fitted with 661,400 lb jib top section (load charts on request)

**ERECTION / LOWERING OF THE CC 2800-1 BOOM SYSTEMS TO THE GROUND**

352,700 lb – 396,800 lb      ZB 0-132,300 lb      36.1 ft – 49.2 ft

Boom combination	Fly jib (ft)	Main boom (ft)																			
		78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6	295.3	315.0	334.6	354.3	374.0	393.7	413.4	433.1	452.8
<b>SH</b>		X	X	X	X	X	X	X	X	(X)	(X)	[X]	-	-	-	-	-	-	-	-	-
<b>SH/LH</b>		-	-	-	-	-	-	-	X	X	X	X	(X)	[X]	[X]	-	-	-	-	-	-
<b>SH/LH SGLmax.</b>		-	-	-	-	-	-	-	-	-	X	[X]	[X]	[X]	[X]	-	-	-	-	-	-
<b>SW</b>	78.7	-	X	X	X	X	(X)	[X]	[X]	-	-	-	-	-	-	-	-	-	-	-	-
	98.4	-	X	X	X	X	(X)	[X]	[X]	-	-	-	-	-	-	-	-	-	-	-	-
	118.1	-	X	X	X	X	(X)	[X]	[X]	-	-	-	-	-	-	-	-	-	-	-	-
	137.8	-	X	X	X	X	(X)	[X]	[X]	-	-	-	-	-	-	-	-	-	-	-	-
	157.5	-	X	X	X	X	(X)	[X]	[X]	-	-	-	-	-	-	-	-	-	-	-	-
	177.2	-	X	X	X	X	(X)	[X]	[X]	-	-	-	-	-	-	-	-	-	-	-	-
	196.9	-	X	X	X	X	(X)	[X]	[X]	-	-	-	-	-	-	-	-	-	-	-	-
	216.5	-	X	X	X	X	(X)	[X]	[X]	-	-	-	-	-	-	-	-	-	-	-	-
	236.2	-	X	X	X	X	(X)	[X]	[X]	-	-	-	-	-	-	-	-	-	-	-	-
	255.9	-	X	X	X	X	(X)	[X]	[X]	-	-	-	-	-	-	-	-	-	-	-	-
275.6	-	X	X	X	X	(X)	[X]	[X]	-	-	-	-	-	-	-	-	-	-	-	-	
<b>SH+LF2</b>	39.4	-	X	X	X	X	X	X	X	(X)	[X]	-	-	-	-	-	-	-	-	-	-
<b>SH/LH+LF2</b>	39.4	-	-	-	-	-	-	-	X	X	(X)	(X)	[X]	[X]	[X]	-	-	-	-	-	-
<b>SH/LH SGLmax. +LF2</b>	39.4	-	-	-	-	-	-	-	-	-	[X]	[X]	[X]	[X]	-	-	-	-	-	-	-
<b>SSL</b>		-	-	0	0	0	0	0	0	45	67	-	-	-	-	-	-	-	-	-	-
<b>HSSL</b>		-	-	-	-	-	0	0	0	23	56	111	122	177	221	265	-	-	-	-	-
<b>SSL /LSL</b>		-	-	-	-	-	-	-	-	-	-	-	133	166	188	232	276	309	353	364	408
<b>SSL/LSL SGLmax.</b>		-	-	-	-	-	-	-	-	-	-	23	67	111	155	199	254	298	353	419	486
<b>LFVL</b>		-	-	-	0	0	45	100	144	210	265	309	-	-	-	-	-	-	-	-	-
<b>SFVL</b>		-	-	-	12	56	89	144	177	232	276	331	-	-	-	-	-	-	-	-	-
<b>SWSL / SFSL</b>	78.7	-	-	0	0	23	78	133	188	243	276	331	-	-	-	-	-	-	-	-	-
	98.4	-	-	0	0	23	78	144	188	254	309	342	-	-	-	-	-	-	-	-	-
	118.1	-	-	0	0	0	56	122	188	254	320	386	-	-	-	-	-	-	-	-	-
	137.8	-	-	0	0	0	34	111	177	254	320	364	-	-	-	-	-	-	-	-	-
	157.5	-	-	0	0	0	23	89	155	232	287	364	-	-	-	-	-	-	-	-	-
	177.2	-	-	0	0	0	34	78	144	199	276	353	-	-	-	-	-	-	-	-	-
	196.9	-	-	0	0	0	45	89	133	188	254	342	-	-	-	-	-	-	-	-	-
	216.5	-	-	0	0	0	45	100	144	199	254	309	-	-	-	-	-	-	-	-	-
	236.2	-	-	0	0	12	56	111	155	210	265	320	-	-	-	-	-	-	-	-	-
	255.9	-	-	0	0	23	67	111	166	221	276	331	-	-	-	-	-	-	-	-	-
275.6	-	-	0	0	23	67	122	177	232	287	342	-	-	-	-	-	-	-	-	-	
295.3	-	-	0	0	34	78	133	177	232	287	353	-	-	-	-	-	-	-	-	-	
315.0	-	-	12	0	34	89	133	188	243	298	364	-	-	-	-	-	-	-	-	-	
<b>SSL+LF2</b>	39.4	-	-	0	0	0	0	0	0	12	56	-	-	-	-	-	-	-	-	-	-
<b>HSSL+LF2</b>	39.4	-	-	-	-	-	0	0	0	23	78	111	166	210	265	-	-	-	-	-	-
<b>SSL /LSL+LF2</b>	39.4	-	-	-	-	-	-	-	-	-	-	89	122	166	188	232	265	309	353	386	
<b>SSL/LSL SGLmax. +LF2</b>	39.4	-	-	-	-	-	-	-	-	12	56	111	155	221	287	353	419	474	552	629	

**Remarks**

X without assisting equipment

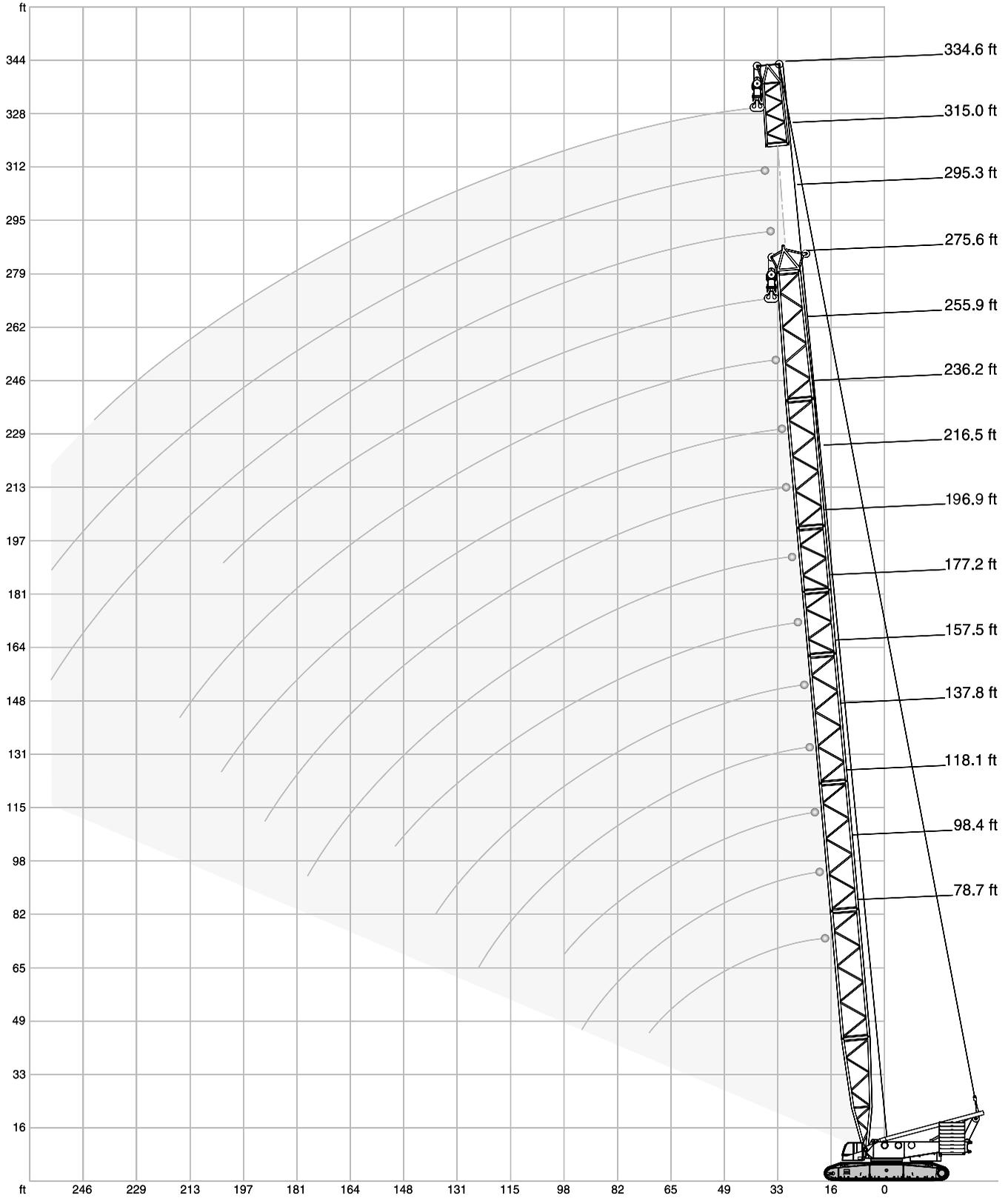
(X) idler wheel supported

[X] with additional side jack

Values for LF with 10° jib offset; values may differ for other offsets

All Superlift combinations can be erected or lowered to the ground without assisting equipment. The stated numbers represent the necessary SL-counterweight in 1,000 lb.

**SH, SH/LH WORKING RANGES**



# SH LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB      27.6 ft      360°      DIN/ISO

ft	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
19.7	1322.8	-	-	-	-	1,000 lb	-	-	-	-	-	19.7
23.0	1236.8	1221.4	1250.0	-	-	-	-	-	-	-	-	23.0
26.2	1115.5	1106.7	1100.1	1093.5	1089.1	-	-	-	-	-	-	26.2
29.5	903.9	899.5	897.3	895.1	892.9	890.7	890.7	-	-	-	-	29.5
32.8	743.0	738.5	736.3	731.9	729.7	727.5	727.5	725.3	663.6	-	-	32.8
39.4	544.5	540.1	535.7	531.3	529.1	526.9	526.9	524.7	522.5	520.3	467.4	39.4
45.9	425.5	421.1	418.9	414.5	410.1	407.9	407.9	405.7	403.4	401.2	399.0	45.9
52.5	348.3	343.9	339.5	335.1	332.9	330.7	328.5	326.3	324.1	324.1	319.7	52.5
59.1	293.2	288.8	284.4	280.0	277.8	275.6	273.4	271.2	269.0	266.8	264.6	59.1
65.6	253.5	249.1	244.7	240.3	235.9	233.7	231.5	229.3	227.1	224.9	222.7	65.6
72.2	222.7	217.2	212.7	208.3	205.0	201.7	199.5	197.3	195.1	194.0	189.6	72.2
78.7	-	192.9	187.4	183.0	179.7	176.4	174.2	172.0	169.8	167.6	164.2	78.7
85.3	-	172.0	167.6	162.0	158.7	155.4	153.2	151.0	148.8	146.6	143.3	85.3
91.9	-	155.4	149.9	145.5	141.1	138.9	135.6	133.4	131.2	129.0	125.7	91.9
98.4	-	-	136.7	131.2	126.8	124.6	121.3	119.0	116.8	114.6	110.2	98.4
111.5	-	-	-	109.1	104.7	101.6	98.8	96.1	93.5	90.8	86.2	111.5
124.7	-	-	-	92.8	88.0	84.4	80.9	77.6	74.5	71.9	67.2	124.7
137.8	-	-	-	-	75.2	70.3	66.6	63.3	60.0	57.1	52.5	137.8
150.9	-	-	-	-	-	59.5	55.3	51.6	48.3	45.4	40.6	150.9
164.0	-	-	-	-	-	-	46.3	42.5	38.8	35.7	30.9	164.0
177.2	-	-	-	-	-	-	39.2	35.1	31.1	27.8	22.9	177.2
190.3	-	-	-	-	-	-	-	29.1	24.7	21.4	16.3	190.3
203.4	-	-	-	-	-	-	-	-	19.6	15.9	-	203.4
216.5	-	-	-	-	-	-	-	-	-	11.5	-	216.5
229.7	-	-	-	-	-	-	-	-	-	-	-	229.7

352,700 lb      27.6 ft      360°      DIN/ISO

ft	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
23.0	934.8	1029.6	1119.9	-	-	1,000 lb	-	-	-	-	-	23.0
26.2	892.9	950.2	948.0	943.6	943.6	-	-	-	-	-	-	26.2
29.5	747.4	743.0	740.8	738.5	736.3	734.1	734.1	-	-	-	-	29.5
32.8	612.9	608.5	606.3	601.9	599.7	597.5	597.5	595.2	590.8	-	-	32.8
39.4	447.5	443.1	438.7	436.5	432.1	432.1	429.9	427.7	425.5	425.5	421.1	39.4
45.9	350.5	346.1	341.7	337.3	335.1	332.9	330.7	328.5	326.3	326.3	321.9	45.9
52.5	284.4	280.0	275.6	273.4	269.0	266.8	264.6	262.4	260.1	260.1	255.7	52.5
59.1	240.3	235.9	231.5	227.1	222.7	220.5	219.4	217.2	215.0	212.7	209.4	59.1
65.6	206.1	201.7	197.3	192.9	189.6	186.3	184.1	181.9	180.8	178.6	175.3	65.6
72.2	180.8	175.3	170.9	166.4	162.0	159.8	157.6	155.4	153.2	151.0	147.7	72.2
78.7	-	154.3	149.9	144.4	141.1	138.9	136.7	134.5	132.3	130.1	125.7	78.7
85.3	-	137.8	132.3	127.9	124.6	121.3	119.0	116.8	114.6	112.4	108.9	85.3
91.9	-	124.6	119.0	113.5	110.2	107.4	104.9	102.5	100.3	97.9	93.5	91.9
98.4	-	-	107.6	102.3	98.3	95.5	92.8	89.9	87.3	84.9	80.2	98.4
111.5	-	-	-	84.0	79.6	75.8	72.5	69.4	66.6	63.9	59.5	111.5
124.7	-	-	-	70.5	65.0	60.8	57.1	54.0	50.9	48.3	43.7	124.7
137.8	-	-	-	-	54.0	49.4	45.4	42.1	38.8	35.9	31.3	137.8
150.9	-	-	-	-	-	40.6	36.2	32.6	29.1	26.2	21.4	150.9
164.0	-	-	-	-	-	-	28.9	24.9	21.4	18.3	13.4	164.0
177.2	-	-	-	-	-	-	23.4	19.0	15.0	11.7	-	177.2
190.3	-	-	-	-	-	-	-	14.3	-	-	-	190.3

# SH/LH LIFTING CAPACITIES

27.6 ft 360° DIN/ISO

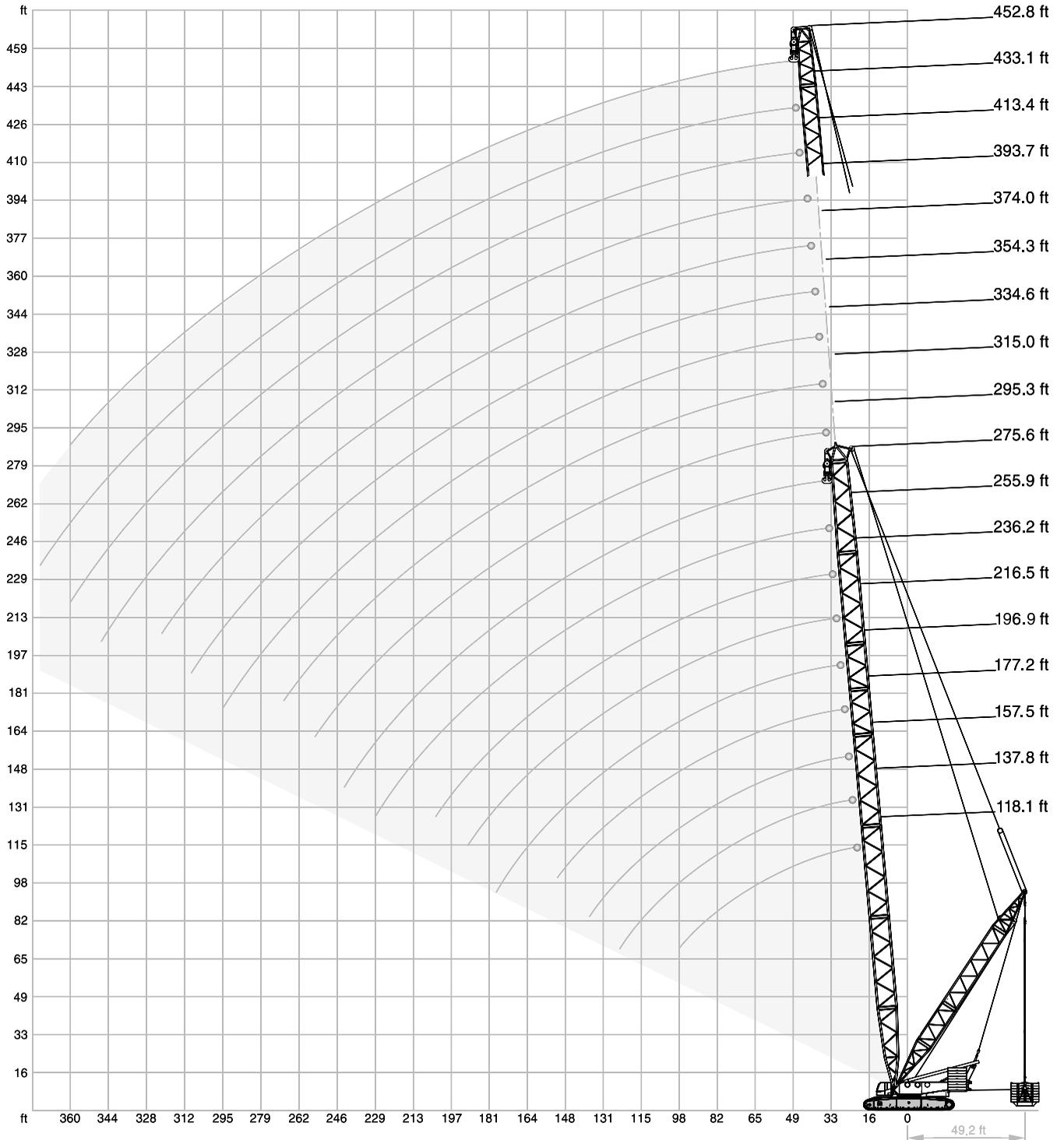
ft	216.5 ft			236.2 ft			255.9 ft			275.6 ft		
	SH/LH		SH/LH SGLmax.									
	352.7 klb	396.8 klb + 132.3 klb	-	352.7 klb	396.8 klb + 132.3 klb	-	352.7 klb	396.8 klb + 132.3 klb	-	352.7 klb	396.8 klb + 132.3 klb	-
	1,000 lb											
29.5	657.0	657.0	-	-	-	-	-	-	-	-	-	-
32.8	608.5	657.0	-	549.0	549.0	-	445.3	445.3	489.4	-	-	-
36.1	524.7	597.5	-	494.9	543.4	-	443.1	445.3	479.5	-	-	474.0
39.4	440.9	537.9	-	440.9	537.9	-	440.9	445.3	469.6	372.6	372.6	454.2
45.9	341.7	418.9	-	341.7	418.9	-	341.7	383.6	392.4	330.7	330.7	381.4
52.5	277.8	339.5	-	275.6	339.5	-	275.6	337.3	337.3	273.4	293.2	326.3
59.1	229.3	284.4	-	229.3	284.4	-	229.3	284.4	282.2	227.1	262.4	277.8
65.6	196.2	242.5	-	195.1	242.5	-	195.1	242.5	240.3	192.9	235.9	235.9
72.2	168.7	211.6	-	168.7	210.5	-	167.6	209.4	207.2	165.3	208.3	205.0
78.7	147.7	185.2	-	146.6	185.2	-	145.5	184.1	181.9	144.4	181.9	178.6
85.3	130.1	164.2	-	129.0	163.1	-	127.9	163.1	159.8	126.8	160.9	157.6
91.9	115.7	146.6	-	114.6	146.6	-	113.5	145.5	143.3	111.3	143.3	140.0
98.4	103.6	132.3	-	102.7	131.2	-	101.9	130.1	127.9	99.9	129.0	124.6
111.5	84.0	109.1	-	83.1	108.2	-	82.2	107.4	104.7	80.0	105.4	101.9
124.7	69.0	91.5	-	67.9	90.4	-	66.6	89.3	86.6	64.2	87.3	83.6
137.8	56.7	77.4	-	55.3	76.3	-	54.2	75.2	72.1	51.6	72.8	68.6
150.9	46.7	65.9	-	45.4	64.6	-	44.1	63.3	60.0	41.4	60.6	56.4
164.0	38.8	56.2	-	37.3	54.7	-	35.9	53.4	50.0	33.3	50.7	46.5
177.2	32.2	48.3	-	30.6	46.7	-	29.1	45.2	41.9	26.5	42.5	38.1
190.3	26.9	41.7	-	24.9	39.9	-	23.4	38.4	34.8	20.7	35.5	31.3
203.4	-	-	-	20.3	34.2	-	18.5	32.4	29.1	15.9	29.8	25.4
216.5	-	-	-	-	-	-	14.6	27.6	24.0	11.7	24.7	20.3
229.7	-	-	-	-	-	-	11.2	23.4	19.8	-	20.3	15.9

ft	295.3 ft			315.0 ft			334.6 ft			354.3 ft		
	SH/LH		SH/LH SGLmax.									
	352.7 klb	396.8 klb + 132.3 klb	-	352.7 klb	396.8 klb + 132.3 klb	-	352.7 klb	396.8 klb + 132.3 klb	-	352.7 klb	396.8 klb + 132.3 klb	-
	1,000 lb											
39.4	339.5	339.5	438.7	302.0	302.0	350.5	-	-	-	-	-	-
42.7	339.5	339.5	403.4	302.0	302.0	350.5	-	-	319.7	-	-	288.8
45.9	339.5	339.5	368.2	302.0	302.0	350.5	238.1	238.1	319.7	-	-	288.8
52.5	273.4	313.1	315.3	271.2	280.0	306.4	218.3	218.3	297.6	-	-	288.8
59.1	227.1	280.0	275.6	224.9	260.1	266.8	200.6	200.6	257.9	-	-	251.3
65.6	191.8	238.1	233.7	190.7	238.1	233.7	185.2	185.2	227.1	-	-	220.5
72.2	164.2	207.2	201.7	163.1	205.0	200.6	162.0	172.0	198.4	-	-	195.1
78.7	143.3	180.8	176.4	141.1	179.7	175.3	141.1	158.7	173.1	-	-	169.8
85.3	125.7	159.8	155.4	123.5	158.7	153.2	123.5	149.9	151.0	-	-	147.7
91.9	110.2	142.2	137.8	109.8	141.1	135.6	108.7	140.0	133.4	-	-	130.1
98.4	98.5	126.8	122.4	97.2	125.7	121.3	96.3	124.6	119.0	-	-	115.7
111.5	78.5	104.1	99.0	76.9	102.7	97.7	75.8	101.6	95.0	-	-	91.1
124.7	62.6	86.0	80.2	60.8	84.7	78.7	59.7	83.3	75.6	-	-	71.7
137.8	50.0	71.2	65.3	48.3	69.4	63.5	47.2	68.1	60.4	-	-	56.4
150.9	39.9	59.1	52.9	38.1	57.3	51.4	36.8	56.0	48.1	-	-	44.1
164.0	31.5	48.9	43.0	29.8	47.2	41.2	28.4	45.9	37.9	-	-	34.0
177.2	24.7	40.8	34.6	22.9	39.0	32.8	21.6	37.5	29.5	-	-	25.6
190.3	19.0	33.7	27.6	17.0	32.0	25.8	15.7	30.4	22.5	-	-	18.3
203.4	13.9	27.8	21.6	11.9	25.8	19.6	10.6	24.5	16.3	-	-	12.1
210.0	11.8	25.2	19.1	-	23.3	17.0	-	21.8	13.7	-	-	9.5
216.5	9.7	22.7	16.5	-	20.7	14.6	-	19.2	11.0	-	-	-
229.7	-	18.3	11.9	-	16.1	9.9	-	14.6	-	-	-	-
232.9	-	17.3	10.9	-	15.1	8.8	-	13.6	-	-	-	-
242.8	-	14.3	-	-	12.1	-	-	10.6	-	-	-	-
255.9	-	11.0	-	-	8.8	-	-	-	-	-	-	-

**Remarks**

For SH/LH SGLmax. a boom power-kit is required

# SSL / HSSL, SSL / LSL WORKING RANGES



# SSL/HSSL LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB      27.6 ft      360°      DIN/ISO

ft	118.1 ft				137.8 ft				157.5 ft				177.2 ft			
	SSL		HSSL		SSL		HSSL		SSL		HSSL		SSL		HSSL	
	0 lb	0 lb - 661,400 lb	0 lb	0 lb - 661,400 lb	0 lb	0 lb - 661,400 lb	0 lb	0 lb - 661,400 lb	0 lb	0 lb - 661,400 lb	0 lb	0 lb - 661,400 lb	0 lb	0 lb - 661,400 lb	0 lb	0 lb - 661,400 lb
	36.1 - 49.2 ft	55.8 ft														
	1,000 lb															
23.0	1274.3	1322.8	1322.8	-	-	-	-	-	-	-	-	-	-	-	-	-
26.2	1113.3	1322.8	1322.8	-	1111.1	1307.3	1307.3	-	1111.1	1278.7	1278.7	-	-	-	-	-
29.5	941.4	1322.8	1322.8	-	937.0	1307.3	1307.3	-	939.2	1278.7	1278.7	-	941.4	1157.4	1157.4	1157.4
32.8	789.3	1320.6	1320.6	-	784.8	1307.3	1307.3	-	782.6	1278.7	1278.7	-	780.4	1157.4	1157.4	1157.4
39.4	575.4	1285.3	1285.3	-	571.0	1265.5	1265.5	-	568.8	1278.7	1278.7	-	566.6	1157.4	1157.4	1157.4
45.9	449.7	1144.2	1210.3	-	445.3	1137.6	1177.3	-	443.1	1133.2	1172.9	-	440.9	1128.8	1157.4	1126.6
52.5	366.0	1000.9	1062.6	-	363.8	994.3	1056.0	-	359.4	989.9	1051.6	-	357.1	987.7	1047.2	983.3
59.1	308.6	888.5	943.6	-	304.2	884.1	939.2	-	299.8	879.6	932.6	-	297.6	875.2	930.4	873.0
65.6	264.6	800.3	817.9	-	260.1	793.7	842.2	-	255.7	789.3	837.8	-	253.5	784.8	833.3	782.6
72.2	229.3	712.1	712.1	-	224.9	718.7	760.6	-	222.7	714.3	760.6	-	220.5	709.9	756.2	707.7
78.7	203.9	626.1	626.1	-	199.5	648.2	672.4	-	196.2	646.0	694.5	-	192.9	646.0	690.0	643.8
85.3	181.9	553.4	553.4	-	177.5	593.0	601.9	-	174.2	588.6	626.1	-	170.9	586.4	630.5	584.2
91.9	164.2	502.7	489.4	-	159.8	540.1	540.1	-	155.4	537.9	564.4	-	153.2	537.9	577.6	535.7
98.4	148.8	447.5	432.1	-	144.4	485.0	485.0	-	140.0	498.2	515.9	-	137.8	493.8	526.9	493.8
111.5	-	-	-	-	120.2	396.8	392.4	-	115.7	425.5	427.7	-	112.4	423.3	445.3	426.2
124.7	-	-	-	-	103.2	328.5	315.3	-	98.3	354.9	354.9	-	94.8	368.2	377.0	366.7
137.8	-	-	-	-	-	-	-	-	84.7	302.0	293.2	-	80.5	321.9	321.9	315.3
150.9	-	-	-	-	-	-	-	-	-	-	-	-	69.0	271.2	271.2	268.2
160.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	242.5

ft	196.9 ft				216.5 ft				236.2 ft				255.9 ft			
	SSL		HSSL		SSL		HSSL		SSL		HSSL		SSL		HSSL	
	0 lb	0 lb - 661,400 lb	0 lb	0 lb - 661,400 lb	0 lb	0 lb - 661,400 lb	0 lb	0 lb - 661,400 lb	0 lb	0 lb - 661,400 lb	0 lb	0 lb - 661,400 lb	0 lb	0 lb - 661,400 lb	0 lb	0 lb - 661,400 lb
	36.1 - 49.2 ft	55.8 ft														
	1,000 lb															
29.5	939.2	1049.4	1049.4	1049.4	-	-	-	-	-	-	-	-	-	-	-	-
32.8	780.4	1049.4	1049.4	1049.4	778.2	912.7	912.7	928.1	771.6	822.3	822.3	866.4	-	-	-	-
36.1	673.5	1049.4	1049.4	1049.4	671.3	912.7	912.7	928.1	666.9	822.3	822.3	866.4	-	-	-	802.5
39.4	566.6	1049.4	1049.4	1049.4	564.4	912.7	912.7	928.1	562.2	822.3	822.3	866.4	562.2	696.7	696.7	802.5
45.9	438.7	1049.4	1049.4	1049.4	436.5	912.7	912.7	928.1	436.5	822.3	822.3	866.4	434.3	696.7	696.7	802.5
52.5	354.9	983.3	1036.2	978.9	352.7	901.7	901.7	928.1	352.7	822.3	822.3	866.4	350.5	696.7	696.7	802.5
59.1	295.4	870.8	925.9	868.6	293.2	855.4	855.4	864.2	293.2	798.1	798.1	859.8	291.0	694.5	694.5	802.5
65.6	251.3	780.4	831.1	778.2	249.1	778.2	809.1	773.8	246.9	760.6	760.6	769.4	246.9	674.6	674.6	767.2
72.2	218.3	707.7	751.8	703.3	216.1	703.3	749.6	698.9	213.8	701.1	723.1	696.7	211.6	657.0	657.0	692.3
78.7	190.7	643.8	685.6	641.5	188.5	641.5	683.4	637.1	186.3	637.1	676.8	632.7	184.1	634.9	639.3	630.5
85.3	168.7	584.2	628.3	584.2	166.4	584.2	626.1	579.8	164.2	582.0	615.1	579.8	162.0	582.0	601.9	577.6
91.9	149.9	535.7	575.4	533.5	147.7	533.5	571.0	531.3	145.5	533.5	564.4	529.1	143.3	531.3	551.2	529.1
98.4	134.5	493.8	529.1	491.6	132.3	491.6	524.7	487.2	130.1	487.2	518.1	485.0	127.9	487.2	509.3	485.0
111.5	110.2	421.1	449.7	422.6	107.8	416.7	449.7	419.6	105.4	414.5	445.3	417.4	103.2	412.3	438.7	415.9
124.7	91.7	363.8	388.0	365.2	88.8	361.6	388.0	362.3	85.8	359.4	388.0	360.1	83.1	357.1	381.4	357.9
137.8	76.7	321.9	335.1	319.7	73.4	317.5	341.7	315.3	70.1	315.3	339.5	313.1	67.5	313.1	337.3	310.9
150.9	64.6	286.6	288.8	282.9	61.1	284.4	297.6	282.9	57.8	280.0	302.0	279.3	54.7	277.8	299.8	277.0
164.0	55.1	249.1	249.1	245.4	51.1	253.5	260.1	252.1	47.6	251.3	266.8	249.9	44.5	249.1	266.8	247.7
177.2	47.6	215.0	212.7	213.8	43.2	227.1	227.1	222.7	39.2	227.1	235.9	224.9	35.9	224.9	238.1	222.7
190.3	-	-	-	-	36.8	197.3	197.3	191.8	32.4	207.2	208.3	200.6	29.1	205.0	212.7	202.8
193.6	-	-	-	-	-	-	-	186.3	31.0	200.9	201.7	194.6	27.6	200.6	206.7	197.9
203.4	-	-	-	-	-	-	-	-	26.9	181.9	181.9	175.7	23.1	187.4	188.5	182.2
213.3	-	-	-	-	-	-	-	-	-	-	-	159.8	19.5	171.7	172.0	166.3
216.5	-	-	-	-	-	-	-	-	-	-	-	-	18.3	166.4	166.4	160.9
229.7	-	-	-	-	-	-	-	-	-	-	-	-	14.6	145.5	145.5	142.2

**Remarks**

For HSSL a boom power-kit is required

# SSL/HSSL LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB      27.6 ft      360°      DIN/ISO

ft	275.6 ft		295.3 ft		315.0 ft		334.6 ft		354.3 ft	
	SSL	HSSL								
	0 lb	0 lb – 661,400 lb	0 lb – 661,400 lb	0 lb – 661,400 lb	0 lb – 661,400 lb	0 lb – 661,400 lb	0 lb – 661,400 lb	0 lb – 661,400 lb	0 lb – 661,400 lb	
	36.1 – 49.2 ft	55.8 ft	36.1 – 49.2 ft	36.1 – 49.2 ft	36.1 – 49.2 ft	36.1 – 49.2 ft	36.1 – 49.2 ft	36.1 – 49.2 ft	36.1 – 49.2 ft	
	1,000 lb									
39.4	557.8	619.5	619.5	676.8	637.1	560.0	-	-	-	
42.7	493.8	619.5	619.5	676.8	636.0	558.9	480.6	421.1	421.1	
45.9	429.9	619.5	619.5	676.8	634.9	557.8	480.6	421.1	421.1	
52.5	346.1	619.5	619.5	676.8	632.7	551.2	474.0	416.7	416.7	
59.1	286.6	619.5	619.5	676.8	630.5	546.7	467.4	412.3	412.3	
65.6	242.5	612.9	612.9	676.8	628.3	542.3	463.0	405.7	405.7	
72.2	208.3	597.5	597.5	672.4	604.1	533.5	458.6	401.2	401.2	
78.7	180.8	584.2	584.2	626.1	582.0	520.3	447.5	394.6	394.6	
85.3	158.7	571.0	571.0	573.2	560.0	509.3	436.5	383.6	383.6	
91.9	140.0	529.1	531.3	524.7	522.5	498.2	425.5	374.8	374.8	
98.4	123.5	482.8	491.6	480.6	478.4	469.6	414.5	363.8	363.8	
111.5	98.8	410.1	423.3	411.5	410.8	404.9	382.1	343.2	343.2	
124.7	78.5	352.7	370.4	353.5	353.5	349.1	343.9	318.9	318.9	
137.8	62.6	308.6	326.3	306.4	306.4	302.0	299.8	291.0	291.0	
150.9	50.0	273.4	291.0	272.6	272.6	268.2	266.0	260.1	260.1	
164.0	39.7	244.7	262.4	243.2	242.9	238.5	236.6	232.6	232.6	
177.2	31.1	220.5	233.7	218.3	217.2	212.7	211.6	208.3	208.3	
190.3	24.0	200.6	210.5	198.4	197.3	192.5	191.4	187.4	187.4	
203.4	18.1	183.0	188.5	180.6	178.6	174.9	173.8	169.4	169.4	
216.5	13.0	167.6	168.7	163.1	163.1	158.7	157.6	153.2	153.2	
229.7	-	149.9	149.9	144.8	147.7	144.8	144.4	140.0	140.0	
242.8	-	132.3	132.3	126.8	132.3	130.8	131.5	127.9	127.9	
246.1	-	-	-	123.5	128.4	127.3	128.4	124.6	124.6	
255.9	-	-	-	-	116.8	116.8	119.0	114.6	114.6	
262.5	-	-	-	-	110.2	109.2	112.9	109.1	109.1	
269.0	-	-	-	-	-	102.8	106.7	103.6	103.6	
278.9	-	-	-	-	-	94.8	97.6	95.5	95.5	
282.2	-	-	-	-	-	-	94.7	92.8	92.8	
295.3	-	-	-	-	-	-	84.2	82.2	82.2	
298.6	-	-	-	-	-	-	82.7	79.6	79.6	
308.4	-	-	-	-	-	-	-	72.8	72.8	
315.0	-	-	-	-	-	-	-	69.7	69.7	
334.6	-	-	-	-	-	-	-	-	-	

### Remarks

For HSSL a boom power-kit is required

# SSL/LSL LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB    36.1 – 49.2 ft    27.6 ft    360°    DIN/ISO

ft	295.3 ft			315.0 ft			334.6 ft		
	SSL/LSL		SSL/LSL SGLmax.	SSL/LSL		SSL/LSL SGLmax.	SSL/LSL		SSL/LSL SGLmax.
	0 lb	0 lb – 661,400 lb		0 lb	0 lb – 661,400 lb		0 lb	0 lb – 661,400 lb	
	1,000 lb								
39.4	526.9	546.7	551.2	456.4	474.0	496.0	-	-	-
45.9	445.3	546.7	551.2	445.3	471.8	491.6	381.4	399.0	447.5
52.5	359.4	546.7	551.2	359.4	469.6	485.0	359.4	394.6	438.7
59.1	299.8	546.7	551.2	299.8	467.4	478.4	299.8	392.4	432.1
65.6	255.7	542.3	549.0	255.7	465.2	474.0	253.5	388.0	425.5
72.2	220.5	531.3	531.3	220.5	460.8	463.0	219.4	383.6	418.9
78.7	194.0	518.1	520.3	192.9	451.9	451.9	191.8	379.2	407.9
85.3	170.9	507.1	507.1	169.8	445.3	440.9	169.8	374.8	396.8
91.9	152.1	493.8	493.8	151.0	438.7	429.9	149.9	370.4	385.8
98.4	136.7	467.4	451.9	135.6	427.7	414.5	134.5	366.0	374.8
111.5	111.3	421.1	388.7	110.2	392.4	374.8	109.3	343.9	346.9
124.7	91.9	366.0	335.8	90.8	359.4	333.6	89.9	319.7	318.2
137.8	76.1	321.9	293.2	74.7	319.7	291.0	73.6	295.4	288.8
150.9	63.3	284.4	260.9	61.7	284.4	258.7	60.6	273.4	256.5
164.0	52.5	255.7	233.0	51.1	253.5	231.1	49.8	251.3	228.5
177.2	43.7	231.5	209.4	42.1	229.3	208.3	40.8	229.3	205.0
190.3	36.2	210.5	191.1	34.6	209.4	190.0	33.3	208.3	186.3
203.4	29.8	192.9	174.2	28.0	191.8	173.1	26.7	190.7	170.1
216.5	24.3	177.5	159.8	22.5	176.4	157.6	21.2	174.2	155.4
229.7	19.4	163.1	147.3	17.6	162.0	145.9	16.3	160.9	142.9
242.8	15.2	151.0	136.3	13.4	149.9	134.8	11.9	148.8	131.5
255.9	11.7	134.5	126.8	9.7	138.9	124.6	-	137.8	121.3
269.0	-	-	-	-	124.6	115.7	-	127.9	112.1
282.2	-	-	-	-	-	-	-	115.7	102.7
295.3	-	-	-	-	-	-	-	104.1	93.7

ft	354.3 ft			374.0 ft			393.7 ft		
	SSL/LSL		SSL/LSL SGLmax.	SSL/LSL		SSL/LSL SGLmax.	SSL/LSL		SSL/LSL SGLmax.
	0 lb	0 lb – 661,400 lb		0 lb	0 lb – 661,400 lb		0 lb	0 lb – 661,400 lb	
	1,000 lb								
45.9	324.1	337.3	403.4	284.4	295.4	357.1	262.4	269.0	321.9
52.5	315.3	330.7	399.0	277.8	291.0	354.9	257.9	266.8	321.9
59.1	297.6	324.1	396.8	273.4	288.8	352.7	253.5	264.6	319.7
65.6	251.3	319.7	394.6	251.3	284.4	350.5	246.9	260.1	317.5
72.2	218.3	313.1	394.6	217.2	280.0	348.3	217.2	257.9	315.3
78.7	189.6	306.4	390.2	189.6	277.8	346.1	189.6	253.5	313.1
85.3	167.6	299.8	383.6	166.4	273.4	341.7	166.4	251.3	310.9
91.9	148.8	293.2	374.8	147.7	269.0	339.5	147.7	246.9	308.6
98.4	132.3	286.6	366.0	132.3	264.6	335.1	131.2	244.7	304.2
111.5	107.4	273.4	338.0	106.7	257.9	321.9	106.5	235.9	298.4
124.7	87.5	262.4	313.8	86.6	249.1	304.2	86.2	229.3	284.4
137.8	71.4	251.3	284.4	70.5	238.1	282.2	69.9	220.5	266.8
150.9	58.2	238.1	252.1	57.3	229.3	249.9	56.9	213.8	243.2
164.0	47.4	227.1	224.5	46.5	218.3	221.8	45.9	205.0	219.0
177.2	38.4	216.1	201.7	37.5	209.4	198.4	36.8	198.4	196.2
190.3	30.9	205.0	182.3	29.8	200.6	180.0	29.1	189.6	177.1
203.4	24.3	188.5	165.7	23.1	187.4	163.1	22.7	180.8	160.2
216.5	18.5	173.1	151.0	17.4	172.0	147.7	17.0	170.9	145.5
229.7	13.7	158.7	138.5	12.6	157.6	136.0	11.9	157.6	132.3
242.8	9.3	146.6	127.3	-	145.5	124.3	-	145.5	121.6
255.9	-	135.6	116.8	-	134.5	114.6	-	134.5	111.3
269.0	-	126.8	108.6	-	125.7	105.8	-	124.6	102.1
282.2	-	116.8	100.8	-	116.8	97.4	-	115.7	93.5
295.3	-	105.8	93.3	-	107.6	89.5	-	108.2	85.8
308.4	-	95.0	86.3	-	97.7	82.7	-	99.2	78.9
315.0	-	-	82.9	-	92.9	79.4	-	94.8	75.4
321.5	-	-	-	-	88.2	76.3	-	90.4	72.5
334.6	-	-	-	-	-	-	-	81.8	66.6
347.8	-	-	-	-	-	-	-	73.4	60.4

# SSL/LSL LIFTING CAPACITIES

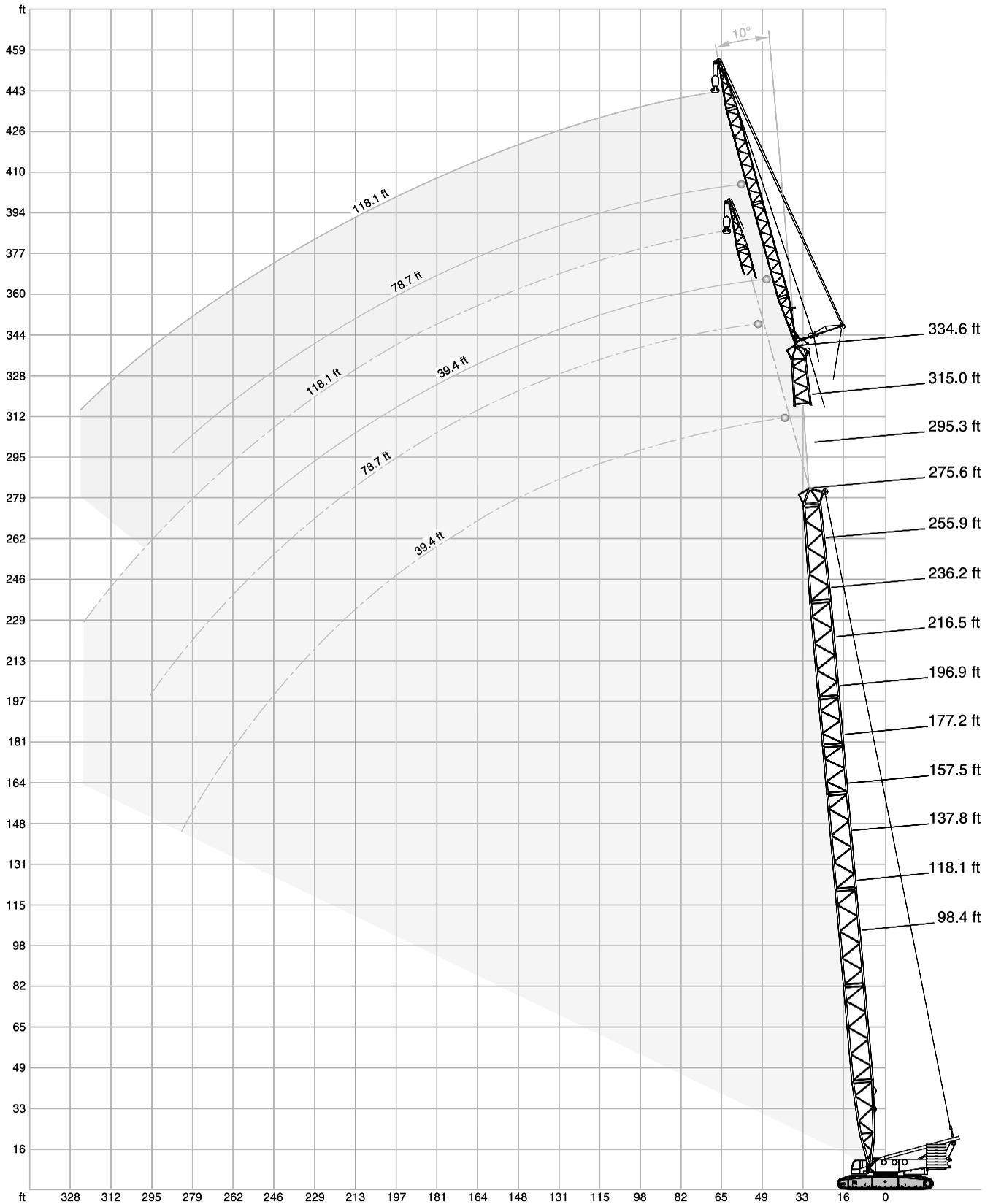
396,800 lb + 132,300 lb ZB    36.1 – 49.2 ft    27.6 ft    360°    DIN/ISO

ft	413.4 ft			433.1 ft			452.8 ft		
	SSL/LSL	SSL/LSL	SSL/LSL SGLmax.	SSL/LSL	SSL/LSL	SSL/LSL SGLmax.	SSL/LSL	SSL/LSL	SSL/LSL SGLmax.
	0 lb	0 lb – 661,400 lb		0 lb	0 lb – 661,400 lb		0 lb	0 lb – 661,400 lb	
	1,000 lb								
49.2	-	-	284.4	-	-	257.9	-	-	-
52.5	233.7	240.3	284.4	202.8	211.6	257.9	174.2	180.8	227.1
59.1	229.3	238.1	282.2	198.4	209.4	255.7	169.8	176.4	224.9
65.6	227.1	238.1	280.0	194.0	207.2	253.5	163.1	174.2	222.7
72.2	217.2	235.9	277.8	191.8	205.0	251.3	158.7	172.0	220.5
78.7	188.5	233.7	275.6	186.3	202.8	249.1	154.3	169.8	218.3
85.3	166.4	231.5	273.4	164.2	200.6	246.9	152.1	165.3	216.1
91.9	146.6	229.3	273.4	144.4	198.4	244.7	143.3	163.1	213.8
98.4	131.2	227.1	271.2	129.0	196.2	242.5	127.9	160.9	210.5
111.5	105.8	222.7	266.8	103.6	191.8	238.1	102.1	156.5	206.1
124.7	85.5	218.3	258.7	82.9	189.6	232.4	81.1	149.9	201.7
137.8	69.2	213.8	246.9	66.6	187.4	224.9	64.8	145.5	196.2
150.9	56.0	207.2	232.2	53.4	183.0	213.8	51.6	138.9	188.1
164.0	45.0	200.6	215.0	42.5	180.8	201.4	40.8	134.5	180.0
177.2	35.9	194.0	192.9	33.5	176.4	189.6	31.5	127.9	172.0
190.3	28.2	187.4	174.5	25.8	172.0	171.2	23.8	121.3	163.1
203.4	21.6	180.8	157.6	19.0	165.3	154.1	17.2	114.6	149.9
216.5	15.9	169.8	142.2	13.2	160.9	138.9	11.5	108.0	135.6
229.7	10.8	156.5	129.6	-	153.2	126.4	-	101.4	122.4
242.8	-	144.4	118.4	-	142.2	114.8	-	92.6	110.5
255.9	-	133.4	108.2	-	131.2	104.1	-	86.0	100.1
269.0	-	123.5	98.8	-	121.3	94.5	-	79.4	90.7
282.2	-	114.6	89.9	-	112.4	86.1	-	74.7	82.0
295.3	-	107.4	82.2	-	104.7	78.0	-	72.5	74.1
308.4	-	99.2	75.3	-	96.3	71.1	-	70.3	67.2
321.5	-	91.1	68.9	-	88.6	64.7	-	68.1	60.7
334.6	-	83.1	63.1	-	81.4	58.9	-	65.7	54.7
347.8	-	75.4	57.8	-	74.1	53.6	-	63.5	49.4
360.9	-	67.7	51.9	-	67.0	48.4	-	61.3	44.5
364.2	-	-	50.3	-	65.3	47.1	-	60.7	43.3
374.0	-	-	-	-	60.2	43.2	-	59.1	39.9
380.6	-	-	-	-	-	39.7	-	56.4	37.3
387.1	-	-	-	-	-	-	-	53.8	34.3
400.3	-	-	-	-	-	-	-	48.5	28.0
413.4	-	-	-	-	-	-	-	-	-

**Remarks (page 19 + 20)**

For HSSL a boom power-kit is required

**SH+LF2, SH/LH+LF2 WORKING RANGES** **10°**



# SH+LF2 LIFTING CAPACITIES

		396,800 lb + 132,300 lb ZB			39.4 ft			27.6 ft			360°			DIN/ISO		
ft	98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			
	10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°	
	1,000 lb															
29.5	275.6	-	-	275.6	-	-	-	-	-	-	-	-	-	-	-	
32.8	275.6	235.9	-	275.6	238.1	-	275.6	-	-	275.6	-	-	-	-	-	
36.1	275.6	222.7	178.6	275.6	231.5	184.1	275.6	240.3	-	275.6	240.3	-	275.6	-	-	
39.4	262.4	208.3	169.8	275.6	219.4	175.3	275.6	227.1	179.7	275.6	233.7	177.5	275.6	240.3	-	
42.7	244.7	197.3	160.9	264.6	207.2	167.6	275.6	217.2	173.1	275.6	224.9	177.5	275.6	231.5	179.7	
45.9	229.3	186.3	154.3	249.1	197.3	160.9	264.6	206.1	166.4	275.6	215.0	170.9	275.6	220.5	174.2	
52.5	205.0	168.7	141.1	220.5	179.7	147.7	238.1	189.6	154.3	251.3	197.3	158.7	264.6	205.0	163.1	
59.1	184.1	154.3	130.1	200.6	164.2	137.8	216.1	174.2	143.3	229.3	183.0	148.8	242.5	190.7	154.3	
65.6	167.6	141.1	121.3	183.0	152.1	129.0	197.3	162.0	134.5	210.5	169.8	140.0	222.7	177.5	145.5	
72.2	153.2	131.2	113.5	168.7	141.1	120.2	181.9	151.0	126.8	195.1	159.8	132.3	207.2	167.6	137.8	
78.7	141.1	122.4	106.9	155.4	132.3	113.5	168.7	141.1	120.2	181.9	149.9	125.7	192.9	157.6	131.2	
85.3	131.2	114.6	101.0	144.4	124.6	108.0	157.6	133.4	113.5	169.8	141.1	120.2	173.1	148.8	124.6	
91.9	122.4	108.5	95.9	135.6	116.8	102.7	147.7	125.7	108.9	157.6	134.5	114.6	155.4	141.1	119.0	
98.4	115.7	102.5	91.3	127.9	111.3	97.9	138.9	119.0	104.1	142.2	126.8	109.6	140.0	134.5	114.6	
111.5	103.4	93.0	84.0	113.5	101.2	89.9	122.4	109.1	95.7	119.0	115.7	101.0	116.8	116.8	105.8	
124.7	93.9	85.8	78.5	103.8	93.0	83.8	104.3	100.3	89.1	101.0	101.6	93.9	98.5	99.2	98.5	
128.0	92.2	84.4	-	101.2	91.4	82.6	100.7	97.8	87.7	97.4	98.1	92.4	94.9	95.6	95.2	
131.2	-	83.1	-	98.5	89.8	81.4	97.1	95.3	86.3	93.8	94.5	90.8	91.3	91.9	91.9	
137.8	-	-	-	93.3	86.6	78.9	89.9	90.4	83.6	86.6	87.3	87.7	84.0	84.7	85.3	
141.1	-	-	-	90.3	85.5	78.0	87.1	87.5	82.5	83.8	84.4	84.8	81.1	81.7	82.3	
147.6	-	-	-	84.4	83.1	-	81.4	81.8	80.2	78.0	78.5	79.0	75.4	75.9	76.4	
150.9	-	-	-	-	-	-	78.5	78.9	79.1	75.2	75.6	76.1	72.5	73.0	73.4	
157.5	-	-	-	-	-	-	73.9	74.2	74.1	70.4	70.9	71.2	67.8	68.2	68.6	
164.0	-	-	-	-	-	-	69.2	69.4	-	65.7	66.1	66.4	63.1	63.5	63.7	
173.9	-	-	-	-	-	-	-	-	-	59.7	60.0	60.2	56.8	57.2	57.6	
177.2	-	-	-	-	-	-	-	-	-	57.8	58.0	-	54.7	55.1	55.6	
180.4	-	-	-	-	-	-	-	-	-	56.0	56.2	-	52.9	53.4	53.7	
190.3	-	-	-	-	-	-	-	-	-	-	-	-	47.6	48.1	48.3	
196.9	-	-	-	-	-	-	-	-	-	-	-	-	44.5	44.8	-	
200.1	-	-	-	-	-	-	-	-	-	-	-	-	-	43.2	-	
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

# SH+LF2 LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB    
 39.4 ft    
 27.6 ft    
 360°    
 DIN/ISO

ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft		
	10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°
	1,000 lb														
36.1	275.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	275.6	238.1	-	275.6	-	-	275.6	-	-	-	-	-	-	-	-
42.7	275.6	235.9	177.5	275.6	233.7	-	275.6	238.1	-	275.6	-	-	275.6	-	-
45.9	275.6	227.1	177.5	275.6	233.7	174.2	275.6	238.1	176.4	275.6	233.7	-	275.6	229.3	-
49.2	275.6	219.4	172.0	275.6	224.9	174.2	275.6	229.3	176.4	275.6	233.7	174.2	271.2	229.3	172.0
52.5	275.6	211.6	167.6	275.6	217.2	169.8	275.6	222.7	173.1	264.6	227.1	174.2	253.5	229.3	172.0
59.1	253.5	197.3	157.6	253.5	203.9	162.0	242.5	209.4	164.2	233.7	213.8	166.4	224.9	218.3	168.7
65.6	233.7	185.2	149.9	227.1	190.7	153.2	217.2	197.3	156.5	209.4	201.7	159.8	200.6	202.8	162.0
72.2	211.6	174.2	142.2	203.9	180.8	145.5	195.1	186.3	149.9	187.4	189.6	153.2	179.7	181.9	155.4
78.7	191.8	164.2	135.6	184.1	170.9	138.9	176.4	176.4	143.3	169.8	172.0	146.6	162.0	164.2	149.9
85.3	169.8	155.4	129.0	167.6	162.0	133.4	159.8	162.0	136.7	154.3	155.4	141.1	146.6	148.8	143.3
91.9	152.1	147.7	123.5	149.9	152.1	127.9	146.6	147.7	131.2	140.0	142.2	135.6	133.4	135.6	137.8
98.4	137.8	138.9	119.0	135.6	136.7	122.4	132.3	133.4	126.8	127.9	130.1	130.1	121.3	123.5	125.7
111.5	113.5	114.6	110.2	111.3	112.4	113.5	108.5	109.6	110.2	106.0	107.4	108.5	102.5	104.1	105.6
124.7	95.2	96.1	97.0	93.0	93.9	94.8	89.9	91.1	91.9	87.5	88.6	89.7	84.4	85.8	86.9
137.8	80.9	81.6	82.2	78.5	79.4	80.0	75.4	76.3	77.2	72.5	73.6	74.7	68.8	70.1	71.2
150.9	69.2	69.9	70.5	66.6	67.5	68.1	62.8	63.9	64.6	60.0	61.1	61.9	56.2	57.3	58.4
164.0	59.3	60.0	60.4	56.4	57.1	57.8	52.7	53.4	54.2	49.6	50.5	51.4	45.9	47.0	47.8
177.2	50.9	51.4	51.8	47.8	48.5	48.9	44.1	44.8	45.4	41.0	41.9	42.5	37.3	38.1	39.0
190.3	43.7	44.1	44.5	40.8	41.2	41.7	36.8	37.5	37.9	33.7	34.4	35.1	30.0	30.6	31.5
203.4	37.5	37.9	38.1	34.6	35.1	35.3	30.6	31.1	31.5	27.6	28.2	28.7	23.6	24.3	24.9
206.7	36.2	36.6	36.8	33.3	33.7	33.9	29.3	29.7	30.1	26.2	26.8	27.3	22.3	22.9	23.5
213.3	33.5	34.0	-	30.6	30.9	31.1	26.5	27.0	27.4	23.4	24.1	24.5	19.6	20.2	20.7
216.5	-	32.6	-	29.3	29.5	29.8	25.1	25.6	26.0	22.0	22.7	23.1	18.3	18.7	19.4
223.1	-	-	-	27.0	27.2	27.3	22.8	23.3	23.6	19.8	20.2	20.7	15.9	16.4	17.0
229.7	-	-	-	24.7	24.9	-	20.5	20.9	21.2	17.4	17.9	18.3	13.4	14.1	14.6
232.9	-	-	-	23.6	23.8	-	19.5	19.8	20.1	16.4	16.8	17.3	12.5	13.1	13.4
239.5	-	-	-	-	-	-	17.5	17.8	18.1	14.4	14.7	15.2	10.5	11.0	11.2
242.8	-	-	-	-	-	-	16.5	16.8	-	13.4	13.7	14.1	9.5	9.9	10.1
246.1	-	-	-	-	-	-	15.7	15.9	-	12.5	12.8	13.0	8.4	8.9	9.3
249.3	-	-	-	-	-	-	14.8	15.0	-	11.6	11.9	12.1	-	7.9	8.4
255.9	-	-	-	-	-	-	-	-	-	9.7	10.1	10.4	-	-	-
262.5	-	-	-	-	-	-	-	-	-	8.2	8.4	-	-	-	-

# SH/LH+LF2 LIFTING CAPACITIES

		396,800 lb + 132,300 lb ZB			39.4 ft			27.6 ft			360°			DIN/ISO	
		216.5 ft			236.2 ft			255.9 ft							
		SH/LH+LF2			SH/LH+LF2			SH/LH+LF2							
		10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	20°
ft		1,000 lb													
39.4	275.6	-	-	275.6	-	-	-	-	-	-	-	-	-	-	-
42.7	275.6	244.7	-	275.6	235.9	-	255.7	275.6	-	-	-	-	-	-	-
45.9	275.6	235.9	183.0	275.6	235.9	175.3	255.7	275.6	222.7	257.9	-	-	-	-	-
49.2	275.6	227.1	177.5	275.6	227.1	175.3	251.3	275.6	222.7	253.5	172.0	195.1	-	-	-
52.5	275.6	219.4	172.0	275.6	220.5	170.9	246.9	275.6	219.4	249.1	172.0	195.1	-	-	-
59.1	255.7	206.1	163.1	246.9	208.3	163.1	240.3	273.4	209.4	235.9	164.2	186.3	-	-	-
65.6	229.3	192.9	154.3	220.5	197.3	156.5	215.0	246.9	200.6	215.0	157.6	177.5	-	-	-
72.2	207.2	181.9	147.7	200.6	187.4	148.8	194.0	213.8	190.7	192.9	151.0	169.8	-	-	-
78.7	187.4	173.1	141.1	180.8	178.6	144.4	175.3	187.4	177.5	175.3	145.5	163.1	-	-	-
85.3	170.9	164.2	134.5	165.3	166.4	138.9	159.8	165.3	162.0	158.7	141.1	156.5	-	-	-
91.9	152.1	154.3	129.0	151.0	152.1	133.4	146.6	147.7	147.7	145.5	136.7	146.6	-	-	-
98.4	137.8	138.9	123.5	135.6	136.7	127.9	134.5	132.3	135.6	133.4	131.2	134.5	-	-	-
111.5	113.5	114.6	114.6	111.3	112.4	113.5	110.2	108.7	111.3	109.8	112.4	110.2	-	-	-
124.7	95.2	96.1	97.0	93.7	94.6	95.5	92.2	89.9	93.3	91.1	94.1	92.2	-	-	-
137.8	80.7	81.6	82.2	79.1	79.8	80.7	77.6	75.4	78.5	76.3	79.4	77.2	-	-	-
150.9	69.0	69.7	70.3	67.2	68.1	68.8	65.5	62.8	66.4	63.7	67.2	64.6	-	-	-
164.0	59.1	59.7	60.4	57.1	57.8	58.4	55.3	52.5	56.0	53.4	56.7	54.0	-	-	-
177.2	50.5	51.1	51.6	48.5	48.9	49.6	46.7	43.9	47.4	44.5	47.8	45.2	-	-	-
190.3	43.2	43.9	44.3	41.2	41.7	42.1	39.5	36.6	39.9	37.3	40.6	37.7	-	-	-
203.4	37.3	37.5	37.9	35.1	35.5	35.9	33.1	30.2	33.7	30.9	34.2	31.3	-	-	-
216.5	31.7	32.2	32.4	29.5	30.0	30.4	27.8	24.9	28.2	25.4	28.7	25.8	-	-	-
223.1	29.5	29.9	30.0	27.2	27.7	28.0	25.5	22.5	25.8	22.9	26.2	23.4	-	-	-
229.7	27.3	27.6	-	24.9	25.4	25.6	23.1	20.1	23.4	20.5	23.8	20.9	-	-	-
232.9	26.2	26.5	-	23.9	24.3	24.5	22.1	19.1	22.4	19.5	22.8	19.8	-	-	-
239.5	-	-	-	21.9	22.2	22.5	20.1	17.1	20.4	17.4	20.7	17.8	-	-	-
242.8	-	-	-	20.9	21.2	-	19.0	16.1	19.4	16.3	19.6	16.8	-	-	-
249.3	-	-	-	19.2	19.4	-	17.2	14.2	17.5	14.6	17.7	14.9	-	-	-
252.6	-	-	-	-	18.5	-	16.3	13.2	16.6	13.7	16.8	13.9	-	-	-
255.9	-	-	-	-	-	-	15.4	12.3	15.7	12.8	15.9	13.0	-	-	-
265.7	-	-	-	-	-	-	13.0	10.1	13.3	10.3	-	-	-	-	-
269.0	-	-	-	-	-	-	-	-	12.6	9.5	-	-	-	-	-

### Remarks

For SH/LH+LF2 SGLmax. a boom power-kit is required

# SH/LH+LF2 LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB
 39.4 ft
 27.6 ft
360°
DIN/ISO

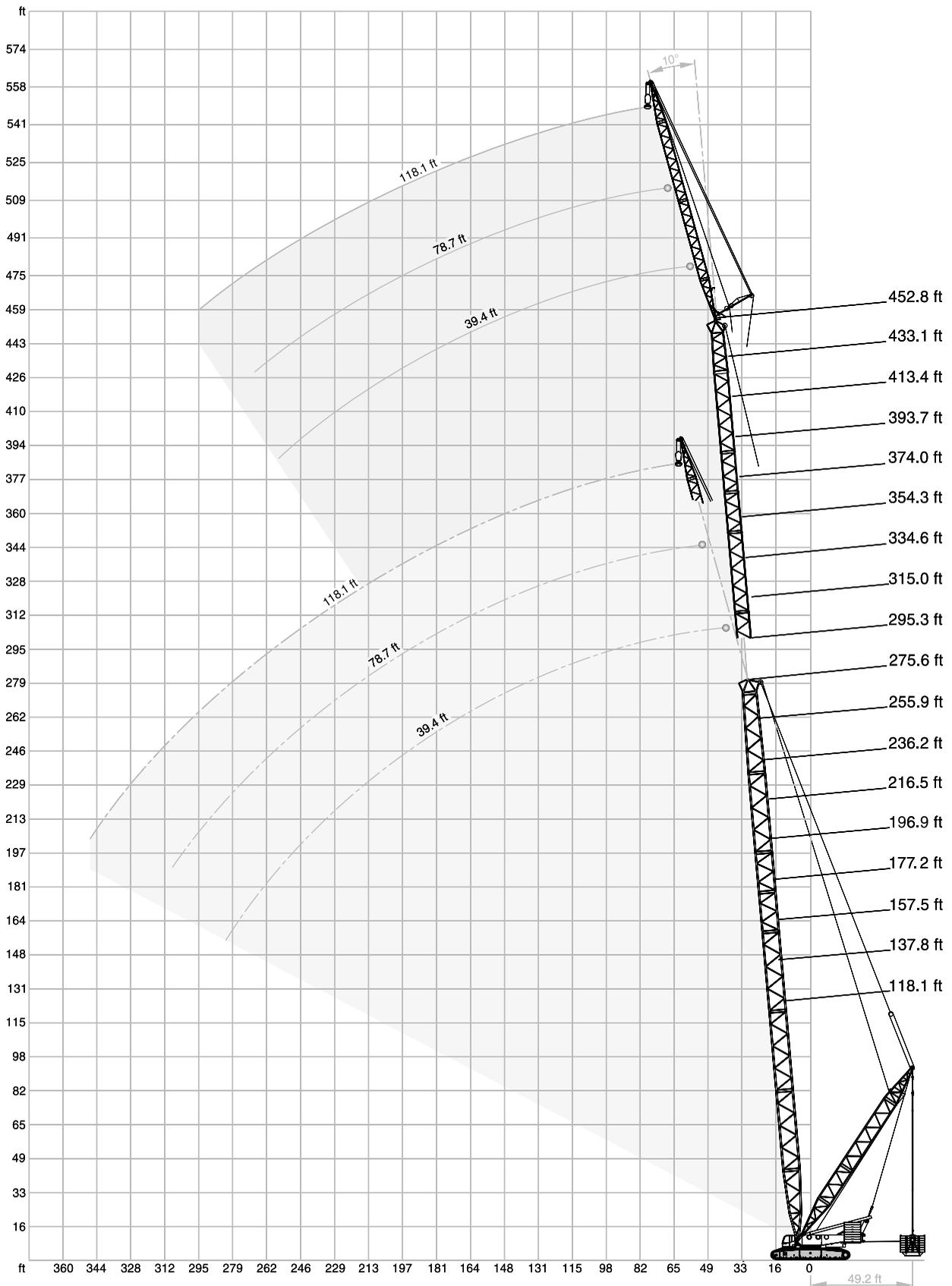
ft	275.6 ft						295.3 ft					
	SH/LH+LF2		SH/LH+LF2		SH/LH+LF2		SH/LH+LF2		SH/LH+LF2		SH/LH+LF2	
	LF2	SGLmax.										
	10°		15°		20°		10°		15°		20°	
	1,000 lb											
45.9	235.9	275.6	-	-	-	-	200.6	275.6	-	-	-	-
49.2	235.9	275.6	211.6	246.9	184.1	-	200.6	275.6	184.1	244.7	-	-
52.5	233.7	275.6	211.6	246.9	179.7	189.6	200.6	275.6	184.1	244.7	169.8	188.5
59.1	227.1	275.6	207.2	231.5	172.0	186.3	195.1	262.4	180.8	220.5	168.7	188.5
65.6	207.2	244.7	202.8	207.2	164.2	178.6	189.6	235.9	176.4	198.4	164.2	180.8
72.2	187.4	211.6	189.6	186.3	157.6	170.9	180.8	209.4	172.0	178.6	159.8	174.2
78.7	169.8	185.2	172.0	168.7	151.0	164.2	164.2	181.9	165.3	160.9	153.2	163.1
85.3	154.3	163.1	156.5	153.2	144.4	154.3	148.8	160.9	151.0	145.5	147.7	147.7
91.9	141.1	145.5	143.3	138.9	140.0	141.1	136.7	142.2	137.8	133.4	140.0	134.5
98.4	130.1	130.1	131.2	127.9	132.3	129.0	124.6	126.8	126.8	121.3	127.9	123.5
111.5	108.7	106.0	110.0	107.4	110.2	108.7	106.3	103.2	107.6	102.3	108.9	103.8
124.7	90.2	87.3	91.3	88.6	92.4	89.7	88.4	84.2	89.5	85.8	90.6	86.9
137.8	75.6	72.3	76.5	73.4	77.4	74.5	73.6	68.6	74.7	69.9	75.8	71.2
150.9	63.1	59.5	64.2	60.6	65.0	61.7	61.1	56.0	61.9	57.1	63.1	58.2
164.0	52.9	49.2	53.6	50.3	54.5	50.9	50.7	45.6	51.6	46.5	52.5	47.6
177.2	44.3	40.6	45.0	41.4	45.6	42.1	42.1	36.8	42.8	37.7	43.7	38.6
190.3	36.8	33.3	37.5	34.0	38.1	34.6	34.6	29.5	35.5	30.2	36.2	31.1
203.4	30.6	26.9	31.3	27.6	31.7	28.2	28.4	23.1	29.1	23.8	29.5	24.5
216.5	25.1	21.6	25.8	22.0	26.2	22.5	22.9	17.6	23.6	18.3	24.0	19.0
229.7	20.5	16.8	20.9	17.2	21.4	17.6	18.3	13.0	18.7	13.4	19.2	13.9
242.8	16.3	12.6	16.8	13.0	17.2	13.4	14.1	8.8	14.6	9.3	15.0	9.7
246.1	15.4	11.7	15.8	12.1	16.3	12.5	13.0	7.7	13.4	8.2	14.0	8.6
255.9	12.8	9.0	13.0	9.3	13.4	9.7	10.4	-	10.8	-	11.2	-
259.2	12.0	8.2	12.2	8.4	12.6	8.8	9.6	-	10.0	-	10.4	-
262.5	11.1	-	11.5	-	11.8	7.9	8.7	-	9.2	-	9.5	-
269.0	9.5	-	9.9	-	10.1	-	-	-	-	-	7.7	-
275.6	8.2	-	8.4	-	-	-	-	-	-	-	-	-

ft	315.0 ft						334.6 ft					
	SH/LH+LF2		SH/LH+LF2		SH/LH+LF2		SH/LH+LF2		SH/LH+LF2		SH/LH+LF2	
	LF2	SGLmax.										
	10°		15°		20°		10°		15°		20°	
	1,000 lb											
49.2	190.7	242.5	-	-	-	-	159.8	227.1	-	-	-	-
52.5	190.7	242.5	176.4	227.1	-	-	159.8	227.1	147.7	216.1	-	-
55.8	188.5	240.3	176.4	220.5	162.0	183.0	159.8	227.1	147.7	210.5	136.7	184.1
59.1	186.3	238.1	174.2	213.8	162.0	183.0	157.6	227.1	147.7	205.0	136.7	184.1
65.6	181.9	229.3	169.8	191.8	158.7	179.7	153.2	219.4	144.4	183.0	135.6	180.8
72.2	174.2	206.1	166.4	172.0	155.4	173.1	148.8	198.4	140.0	164.2	132.3	166.4
78.7	157.6	180.8	159.8	155.4	153.2	157.6	145.5	177.5	136.7	147.7	129.0	151.0
85.3	143.3	158.7	145.5	141.1	147.7	142.2	138.9	156.5	133.4	134.5	126.8	136.7
91.9	131.2	141.1	133.4	127.9	134.5	130.1	126.8	137.8	129.0	121.3	123.5	123.5
98.4	120.2	125.7	122.4	116.8	123.5	117.9	115.7	122.4	117.9	110.2	119.0	112.4
111.5	102.1	101.2	103.4	98.1	104.7	99.6	98.1	98.3	99.6	92.6	101.0	94.1
124.7	86.6	82.0	87.7	82.7	88.8	84.0	83.3	78.7	84.7	77.4	85.8	78.7
137.8	71.4	66.4	72.5	67.7	73.6	69.0	69.4	62.8	70.8	64.4	71.9	65.7
150.9	58.9	53.8	59.7	54.9	60.8	56.0	56.9	50.0	58.0	51.4	59.1	52.7
164.0	48.5	43.2	49.4	44.3	50.3	45.4	46.5	39.7	47.4	40.8	48.3	41.9
177.2	39.7	34.6	40.6	35.5	41.4	36.4	37.7	30.9	38.6	32.0	39.5	32.8
190.3	32.4	27.1	33.1	28.0	33.7	28.7	30.4	23.4	31.1	24.5	32.0	25.1
203.4	26.0	20.7	26.7	21.6	27.3	22.3	24.0	17.0	24.7	17.9	25.4	18.7
216.5	20.5	15.2	21.2	15.9	21.8	16.5	18.5	11.5	19.2	12.3	19.8	13.0
226.4	17.0	11.8	17.5	12.2	18.2	12.9	-	7.9	-	8.6	-	9.2
229.7	15.9	10.6	16.3	11.0	17.0	11.7	-	-	-	-	-	7.9
242.8	11.7	-	12.1	-	12.6	-	-	-	-	-	-	-
255.9	7.9	-	8.4	-	8.8	-	-	-	-	-	-	-

**Remarks:** For SH/LH+LF2 SGLmax. a boom power-kit is required

**SSL+LF2, SSL/LSL+LF2 WORKING RANGES**

**10°**



# SSL+LF2 LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB 36.1 – 49.2 ft 0-661,400 lb 39.4 ft 27.6 ft 360° DIN/ISO

ft	137.8 ft			157.5 ft			177.2 ft					
	SSL			SSL			SSL	HSSL	SSL	HSSL	SSL	HSSL
	10°	15°	20°	10°	15°	20°	10°	15°	20°	15°	20°	
	1,000 lb											
32.8	275.6	-	-	275.6	-	-	-	-	-	-	-	-
36.1	275.6	240.3	-	275.6	246.9	-	275.6	275.6	-	-	-	-
39.4	275.6	227.1	179.7	275.6	233.7	184.1	275.6	275.6	240.3	240.3	-	-
42.7	275.6	216.1	173.1	275.6	224.9	177.5	275.6	275.6	231.5	230.4	180.8	180.8
45.9	264.6	206.1	166.4	275.6	215.0	170.9	275.6	275.6	220.5	220.5	174.2	174.2
52.5	238.1	188.5	154.3	251.3	197.3	158.7	264.6	266.8	205.0	205.0	163.1	163.1
59.1	216.1	174.2	143.3	229.3	183.0	148.8	242.5	242.5	190.7	190.7	154.3	154.3
65.6	197.3	162.0	134.5	210.5	169.8	140.0	222.7	224.9	177.5	177.5	145.5	145.5
72.2	181.9	151.0	126.8	195.1	159.8	132.3	207.2	208.3	167.6	167.6	137.8	137.8
78.7	168.7	141.1	120.2	181.9	149.9	125.7	192.9	194.0	157.6	157.6	131.2	131.2
85.3	157.6	133.4	113.5	169.8	141.1	119.0	180.8	180.8	148.8	148.8	124.6	124.6
91.9	147.7	125.7	108.9	158.7	133.4	113.5	169.8	170.9	141.1	141.1	119.0	119.0
98.4	138.9	119.0	104.1	149.9	126.8	109.6	159.8	160.9	134.5	134.5	114.6	114.6
111.5	124.6	109.1	95.7	134.5	115.7	101.0	144.4	145.5	122.4	123.5	105.8	106.3
124.7	112.4	100.3	89.1	122.4	106.9	93.9	131.2	131.9	112.4	113.8	98.5	98.9
137.8	104.1	93.0	83.6	112.4	99.2	88.2	120.2	120.2	105.4	105.4	92.6	92.6
150.9	96.3	87.3	79.4	104.1	93.0	83.3	111.3	112.1	98.5	98.8	87.3	87.6
157.5	93.4	85.1	77.6	100.6	90.4	81.5	107.7	108.0	95.7	95.5	85.2	85.1
164.0	90.4	82.9	-	97.2	87.7	79.6	104.1	104.6	92.8	93.0	83.1	83.3
177.2	-	-	-	91.5	83.6	-	97.9	97.9	88.2	88.2	79.6	79.6
180.4	-	-	-	90.4	82.7	-	96.6	96.6	87.2	87.3	78.9	78.9
190.3	-	-	-	-	-	-	92.6	92.9	84.2	84.5	76.9	76.9
196.9	-	-	-	-	-	-	90.2	90.4	82.7	82.7	-	-

ft	196.9 ft						216.5 ft					
	SSL	HSSL	SSL	HSSL	SSL	HSSL	SSL	HSSL	SSL	HSSL	SSL	HSSL
	10°	15°	20°	10°	15°	20°	10°	15°	20°	15°	20°	
	1,000 lb											
36.1	275.6	275.6	-	-	-	-	-	-	-	-	-	-
39.4	275.6	275.6	246.9	246.9	-	-	275.6	275.6	-	-	-	-
42.7	275.6	275.6	235.9	237.0	184.1	184.1	275.6	275.6	242.5	242.5	-	-
45.9	275.6	275.6	227.1	227.1	177.5	177.5	275.6	275.6	233.7	233.7	180.8	180.8
52.5	275.6	275.6	211.6	211.6	167.6	167.6	275.6	275.6	217.2	217.2	170.9	170.9
59.1	253.5	255.7	197.3	197.3	157.6	157.6	264.6	266.8	202.8	202.8	162.0	162.0
65.6	233.7	235.9	185.2	185.2	149.9	149.9	244.7	246.9	190.7	190.7	153.2	153.2
72.2	218.3	219.4	174.2	174.2	142.2	142.2	229.3	229.3	180.8	180.8	145.5	145.5
78.7	203.9	205.0	164.2	164.2	135.6	135.6	213.8	215.0	170.9	170.9	138.9	138.9
85.3	190.7	191.8	155.4	155.4	129.0	129.0	201.7	201.7	162.0	162.0	133.4	133.4
91.9	179.7	180.8	147.7	147.7	123.5	123.5	189.6	190.7	154.3	154.3	127.9	127.9
98.4	169.8	170.9	141.1	141.1	119.0	119.0	179.7	179.7	147.7	147.7	122.4	122.4
111.5	153.2	154.7	129.0	129.3	110.2	110.7	162.0	163.5	134.5	136.0	113.5	114.3
124.7	140.0	140.7	119.0	119.0	103.0	103.2	147.7	149.2	124.6	125.3	106.9	107.0
137.8	127.9	129.0	110.2	110.2	96.6	96.6	135.6	136.7	115.7	115.7	100.5	100.5
150.9	119.0	119.4	103.8	103.9	91.3	91.4	125.7	126.4	109.1	109.1	95.0	95.2
164.0	110.2	111.2	97.9	98.0	86.6	86.9	116.8	117.6	102.7	103.0	90.2	90.5
177.2	104.1	104.3	92.6	92.6	82.9	82.9	110.2	110.2	97.2	97.2	86.2	86.2
190.3	98.3	98.7	88.4	88.5	79.6	79.8	104.1	104.4	92.6	92.7	82.7	82.8
203.4	93.3	93.7	84.7	84.9	77.2	77.1	98.5	99.0	88.4	88.6	79.6	79.8
206.7	92.2	92.6	83.9	84.1	76.5	76.5	97.4	97.8	87.6	87.7	79.0	79.1
213.3	90.2	90.4	82.5	82.6	-	-	95.1	95.3	85.9	86.0	77.8	77.8
216.5	-	-	81.8	81.8	-	-	93.9	94.1	85.1	85.1	77.2	77.2
223.1	-	-	-	-	-	-	91.9	92.2	83.7	83.8	76.3	76.3
229.7	-	-	-	-	-	-	89.9	90.3	82.2	82.5	-	-
232.9	-	-	-	-	-	-	89.1	89.3	81.8	81.8	-	-
236.2	-	-	-	-	-	-	-	-	-	-	-	-

Remarks: see page 28

# SSL+LF2 LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB 36.1 – 49.2 ft 0-661,400 lb 39.4 ft 27.6 ft 360° DIN/ISO

ft	236.2 ft						255.9 ft					
	SSL		HSSL		SSL		HSSL		SSL		HSSL	
	10°		15°		20°		10°		15°		20°	
	1,000 lb											
39.4	275.6	275.6	-	-	-	-	-	-	-	-	-	-
42.7	275.6	275.6	246.9	246.9	-	-	275.6	275.6	-	-	-	-
45.9	275.6	275.6	238.1	238.1	183.0	183.0	275.6	275.6	242.5	242.5	-	-
49.2	275.6	275.6	229.3	230.4	178.6	178.0	275.6	275.6	233.7	234.8	180.8	180.8
52.5	275.6	275.6	222.7	222.7	173.1	173.1	275.6	275.6	227.1	227.1	176.4	176.4
59.1	275.6	273.4	209.4	209.4	164.2	164.2	275.6	273.4	213.8	213.8	167.6	167.6
65.6	255.7	255.7	197.3	197.3	156.5	156.5	264.6	266.8	201.7	201.7	159.8	159.8
72.2	238.1	240.3	186.3	186.3	149.9	149.9	246.9	249.1	191.8	191.8	153.2	153.2
78.7	222.7	224.9	176.4	176.4	143.3	143.3	231.5	233.7	181.9	181.9	146.6	146.6
85.3	210.5	211.6	167.6	167.6	136.7	136.7	219.4	220.5	173.1	173.1	140.0	140.0
91.9	198.4	199.5	159.8	159.8	131.2	131.2	207.2	208.3	165.3	165.3	135.6	135.6
98.4	188.5	188.5	153.2	153.2	126.8	126.8	197.3	197.3	158.7	158.7	130.1	130.1
111.5	170.9	171.6	140.0	141.5	117.9	117.9	178.6	179.7	145.5	146.2	121.3	121.3
124.7	155.4	156.5	130.1	130.8	110.2	110.4	163.1	164.2	135.6	135.2	113.5	113.8
137.8	143.3	143.3	121.3	121.3	104.1	104.1	149.9	151.0	125.7	125.7	107.6	107.6
150.9	132.3	133.0	113.5	113.9	98.5	98.6	138.9	140.0	117.9	118.3	101.9	102.0
164.0	123.5	123.8	107.4	107.4	93.5	93.7	130.1	130.4	111.3	111.7	96.8	96.9
177.2	115.7	115.7	101.6	101.6	89.3	89.3	122.4	122.4	105.8	105.8	92.4	92.4
190.3	109.8	109.9	96.6	96.8	85.5	85.6	114.6	115.7	100.8	100.8	88.4	88.6
203.4	103.8	104.3	92.4	92.4	82.2	82.4	109.1	109.6	96.1	96.3	85.1	85.1
216.5	98.8	99.0	88.6	88.6	79.6	79.6	103.8	104.1	92.2	92.2	82.0	82.0
229.7	94.6	94.7	85.3	85.5	77.4	77.4	99.0	99.4	88.6	88.8	79.6	79.7
239.5	91.8	91.8	83.3	83.4	76.1	76.1	96.0	96.1	86.3	86.4	77.9	78.0
242.8	90.8	90.9	82.7	82.8	-	-	95.0	95.2	85.5	85.8	77.4	77.5
249.3	89.1	89.3	81.6	81.6	-	-	93.1	93.3	84.3	84.4	76.5	76.6
255.9	-	-	-	-	-	-	91.3	91.5	83.1	83.1	75.6	75.6
265.7	-	-	-	-	-	-	89.1	89.1	81.4	81.4	-	-

## Remarks

SSL+LF2: SL radius 55.8 ft on request. Max. capacities with minimum counterweight.

For HSSL+LF2 a boom power-kit is required.

# SSL+LF2 LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB
 36.1 – 49.2 ft
 0-661,400 lb
 39.4 ft
 27.6 ft
 360°
 DIN/ISO

ft	275.6 ft						295.3 ft			315.0 ft		
	SSL		HSSL		SSL		HSSL		HSSL			
	10°		15°		20°		10°		15°		20°	
	1,000 lb											
42.7	275.6	275.6	-	-	-	-	-	-	-	-	-	-
45.9	275.6	275.6	246.9	246.9	-	-	275.6	-	-	275.6	-	-
49.2	275.6	275.6	238.1	239.2	183.0	183.0	275.6	242.5	-	275.6	244.7	-
52.5	275.6	275.6	231.5	231.5	178.6	178.6	275.6	235.9	180.8	275.6	238.1	181.9
59.1	275.6	275.6	218.3	218.3	169.8	169.8	275.6	222.7	172.0	275.6	227.1	174.2
65.6	273.4	271.2	207.2	207.2	163.1	163.1	273.4	211.6	165.3	275.6	215.0	167.6
72.2	255.7	257.9	196.2	196.2	155.4	155.4	266.8	200.6	158.7	273.4	205.0	160.9
78.7	240.3	242.5	187.4	187.4	149.9	149.9	251.3	191.8	152.1	257.9	196.2	154.3
85.3	227.1	229.3	178.6	178.6	143.3	143.3	235.9	183.0	146.6	244.7	187.4	148.8
91.9	216.1	217.2	170.9	170.9	137.8	137.8	224.9	175.3	141.1	231.5	179.7	144.4
98.4	205.0	206.1	163.1	163.1	133.4	133.4	213.8	167.6	136.7	220.5	172.0	138.9
111.5	186.3	187.8	151.0	151.4	124.6	124.6	194.7	155.8	127.9	202.1	160.2	130.8
124.7	170.9	171.6	140.0	140.7	116.8	116.8	178.2	145.1	120.2	185.6	149.2	123.1
137.8	157.6	157.6	131.2	131.2	110.2	110.2	164.2	135.6	113.5	170.9	138.9	115.7
150.9	145.5	146.6	122.4	123.1	104.9	104.9	153.2	127.5	108.0	159.1	131.5	110.6
164.0	136.7	136.7	115.7	116.0	99.9	99.9	142.9	120.2	102.8	148.4	124.2	105.6
177.2	127.9	127.9	110.0	110.0	95.2	95.2	133.4	113.5	98.1	138.9	116.8	100.8
190.3	120.2	120.5	104.5	104.7	91.3	91.3	126.0	108.4	94.0	131.5	111.8	96.6
203.4	113.5	114.2	99.9	99.9	87.7	87.7	119.4	103.5	90.2	124.6	107.0	92.8
216.5	108.7	108.9	95.7	95.7	84.4	84.4	113.5	99.0	86.9	117.9	102.3	89.3
229.7	103.6	104.1	91.9	92.0	81.8	81.8	108.5	95.2	84.1	112.8	98.3	86.3
242.8	99.2	99.6	88.6	88.7	79.4	79.4	103.8	91.6	81.6	108.0	94.6	83.6
255.9	95.2	95.5	85.8	85.8	77.4	77.4	99.4	88.4	79.4	103.6	91.3	81.1
269.0	91.9	91.2	83.3	83.3	75.8	75.8	92.8	85.9	77.5	96.0	86.9	79.2
272.3	90.8	89.6	82.8	82.8	75.4	75.4	91.2	85.3	77.0	94.1	85.8	78.7
282.2	87.5	84.4	81.4	81.4	-	-	85.8	82.0	75.8	87.7	81.4	75.8
285.4	-	-	80.9	80.9	-	-	83.9	80.7	75.5	85.5	79.7	74.6
288.7	-	-	-	-	-	-	82.0	79.4	75.2	83.3	78.0	73.4
295.3	-	-	-	-	-	-	78.3	76.7	-	78.9	74.7	71.0
298.6	-	-	-	-	-	-	76.3	75.5	-	76.7	73.1	69.8
301.8	-	-	-	-	-	-	-	74.3	-	74.5	71.4	68.6
308.4	-	-	-	-	-	-	-	-	-	70.1	68.0	-
318.2	-	-	-	-	-	-	-	-	-	63.5	63.1	-

3

**Remarks**

SSL+LF2: SL radius 55.8 ft on request. Max. capacities with minimum counterweight.

For HSSL+LF2 a boom power-kit is required.

# SSL+LF2 LIFTING CAPACITIES

 396,800 lb + 132,300 lb ZB
  36.1 – 49.2 ft
  0-661,400 lb
  39.4 ft
  27.6 ft
  360°
  DIN/ISO

ft	334.6 ft			354.3 ft		
	HSSL			HSSL		
	10°	15°	20°	10°	15°	20°
	1,000 lb					
49.2	275.6	-	-	271.2	-	-
52.5	275.6	242.5	-	271.2	244.7	-
55.8	275.6	235.9	179.7	271.2	239.2	181.9
59.1	275.6	229.3	176.4	271.2	233.7	178.6
65.6	275.6	219.4	169.8	271.2	222.7	170.9
72.2	275.6	209.4	163.1	271.2	212.7	165.3
78.7	264.6	199.5	157.6	271.2	203.9	158.7
85.3	251.3	191.8	152.1	257.9	195.1	154.3
91.9	238.1	184.1	146.6	244.7	187.4	148.8
98.4	227.1	176.4	142.2	233.7	180.8	144.4
111.5	208.7	163.9	133.4	215.3	168.3	135.6
124.7	192.2	152.9	125.7	198.4	156.9	127.9
137.8	177.5	143.3	119.0	183.0	146.6	121.3
150.9	165.0	135.2	113.2	171.2	138.5	115.4
164.0	154.0	127.9	107.9	160.2	131.2	110.2
177.2	144.4	121.3	103.2	149.9	124.6	105.6
190.3	136.3	115.4	99.1	141.8	118.7	101.3
203.4	129.0	110.2	95.2	134.5	113.5	97.4
216.5	122.4	105.6	91.7	127.9	108.9	93.9
229.7	117.2	101.5	88.6	119.6	104.6	90.7
242.8	112.1	97.7	85.8	112.0	100.7	87.7
255.9	106.9	94.1	83.1	104.5	97.0	85.1
269.0	98.5	90.0	80.9	96.7	93.8	82.7
282.2	90.1	84.4	77.1	88.8	88.3	78.8
295.3	81.6	77.4	71.7	80.9	80.7	73.2
308.4	73.2	70.3	66.4	73.1	73.0	67.2
318.2	66.7	65.0	62.2	67.2	67.3	62.6
321.5	64.6	63.2	-	65.3	65.4	61.1
334.6	56.2	56.0	-	57.3	57.8	54.9
347.8	-	-	-	49.6	50.0	-
351.1	-	-	-	47.6	48.1	-

## Remarks

SSL+LF2: SL radius 55.8 ft on request. Max. capacities with minimum counterweight.

For HSSL+LF2 a boom power-kit is required.

# SSL/LSL+LF2 LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB
 36.1 – 49.2 ft
 0-661,400 lb
 39.4 ft
 27.6 ft
 360°
 DIN/ISO

ft	295.3 ft						315.0 ft					
	SSL/LSL+LF2		SSL/LSL+LF2 SGLmax.		SSL/LSL+LF2		SSL/LSL+LF2 SGLmax.		SSL/LSL+LF2		SSL/LSL+LF2 SGLmax.	
	10°	15°	15°	20°	20°	20°	10°	15°	15°	20°	20°	20°
	1,000 lb											
45.9	275.6	275.6	-	-	-	-	-	-	-	-	-	-
49.2	275.6	275.6	244.7	269.0	-	-	275.6	275.6	-	-	-	-
52.5	275.6	275.6	238.1	260.1	181.9	199.5	275.6	275.6	240.3	264.6	-	-
55.8	275.6	275.6	231.5	253.5	177.5	195.1	273.4	275.6	233.7	257.9	179.7	197.3
59.1	275.6	275.6	224.9	246.9	174.2	190.7	271.2	275.6	229.3	251.3	176.4	192.9
65.6	275.6	275.6	213.8	233.7	166.4	183.0	266.8	275.6	217.2	238.1	168.7	185.2
72.2	266.8	275.6	202.8	222.7	159.8	175.3	262.4	275.6	207.2	227.1	162.0	178.6
78.7	251.3	264.6	194.0	212.7	153.2	168.7	257.9	271.2	197.3	217.2	156.5	172.0
85.3	235.9	249.1	185.2	202.8	147.7	163.1	244.7	257.9	189.6	208.3	149.9	165.3
91.9	224.9	235.9	177.5	195.1	142.2	156.5	231.5	244.7	181.9	199.5	145.5	159.8
98.4	213.8	224.9	169.8	186.3	137.8	152.1	220.5	231.5	174.2	191.8	140.0	154.3
111.5	195.5	205.8	157.3	173.1	129.0	142.6	202.1	213.1	161.7	178.6	131.9	145.5
124.7	179.3	188.9	146.2	161.3	121.3	134.1	185.6	196.2	150.6	166.4	124.2	137.1
137.8	165.3	174.2	136.7	151.0	114.6	126.8	170.9	180.8	141.1	155.4	116.8	129.0
150.9	153.6	162.4	128.6	142.2	108.9	120.2	159.8	169.0	133.0	146.6	111.6	123.1
164.0	143.3	151.8	121.3	134.1	103.6	114.3	149.5	158.4	125.7	138.5	106.4	117.2
177.2	134.5	142.2	114.6	126.8	98.8	109.3	140.0	148.8	119.0	131.2	101.4	111.3
190.3	127.1	134.8	109.5	120.9	94.8	104.9	131.9	140.0	113.2	124.6	97.3	107.5
203.4	120.2	127.9	104.6	115.4	91.1	100.9	124.9	132.3	108.0	118.7	93.5	103.7
216.5	113.5	121.3	99.9	110.2	87.7	97.2	119.0	125.7	103.4	113.5	89.9	99.9
229.7	109.0	115.4	96.0	106.3	84.8	94.0	113.2	119.8	99.3	109.7	87.0	96.5
242.8	104.5	110.4	92.5	102.5	82.2	91.1	108.2	114.6	95.5	105.9	84.3	93.5
255.9	100.1	106.3	89.3	99.0	79.8	88.6	104.1	110.2	92.2	102.1	81.8	90.8
269.0	96.3	100.4	86.6	95.9	78.0	86.4	99.9	103.6	89.4	97.4	79.8	88.4
282.2	91.8	92.8	84.3	90.2	76.4	84.8	94.4	95.6	86.3	91.5	77.9	85.1
288.7	89.0	89.1	83.3	87.2	75.6	84.0	90.8	91.6	84.6	88.2	77.1	82.9
295.3	86.2	85.3	82.2	84.2	-	-	87.3	87.5	82.9	84.9	76.3	80.7
301.8	82.7	81.6	81.4	81.1	-	-	83.8	83.6	80.4	81.6	75.7	78.3
305.1	-	-	-	-	-	-	82.0	81.6	79.1	79.9	75.4	77.2
308.4	-	-	-	-	-	-	80.2	79.6	77.9	78.3	-	-
318.2	-	-	-	-	-	-	75.0	73.4	74.3	73.2	-	-

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**Remarks**

SSL+LF2: SL radius 55.8 ft on request. Max. capacities with minimum counterweight.  
 For HSSL+LF2 a boom power-kit is required.

# SSL/LSL+LF2 LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB 36.1 – 49.2 ft 0-661,400 lb 39.4 ft 27.6 ft 360° DIN/ISO

ft	334.6 ft						354.3 ft					
	SSL/LSL+LF2		SSL/LSL+LF2 SGLmax.		SSL/LSL+LF2		SSL/LSL+LF2 SGLmax.		SSL/LSL+LF2		SSL/LSL+LF2 SGLmax.	
	10°	15°	15°	20°	20°	10°	15°	15°	20°	20°	10°	15°
	1,000 lb											
49.2	240.3	275.6	-	-	-	-	-	-	-	-	-	-
52.5	240.3	275.6	218.3	269.0	-	-	208.3	273.4	-	-	-	-
55.8	238.1	275.6	218.3	261.2	179.7	199.5	208.3	273.4	191.8	264.6	-	-
59.1	235.9	275.6	216.1	253.5	177.5	195.1	206.1	273.4	191.8	257.9	175.3	197.3
65.6	231.5	275.6	211.6	242.5	170.9	187.4	201.7	271.2	187.4	246.9	173.1	189.6
72.2	227.1	275.6	207.2	231.5	164.2	180.8	197.3	269.0	183.0	235.9	166.4	183.0
78.7	222.7	275.6	201.7	220.5	158.7	174.2	191.8	266.8	178.6	224.9	160.9	176.4
85.3	218.3	264.6	192.9	212.7	153.2	168.7	186.3	264.6	173.1	217.2	155.4	170.9
91.9	212.7	251.3	185.2	203.9	147.7	163.1	180.8	257.9	168.7	208.3	149.9	165.3
98.4	207.2	240.3	178.6	196.2	143.3	157.6	176.4	246.9	164.2	200.6	145.5	159.8
111.5	196.9	220.5	166.1	183.0	134.5	148.1	166.1	227.1	155.4	187.4	136.7	151.0
124.7	187.0	202.8	154.7	170.9	126.8	139.6	157.3	209.4	147.7	175.3	129.0	142.9
137.8	177.5	187.4	144.4	159.8	120.2	132.3	149.9	194.0	141.1	164.2	122.4	135.6
150.9	165.7	174.9	136.3	151.0	114.3	125.7	142.6	181.5	135.2	154.7	116.5	129.0
164.0	155.1	163.9	129.0	142.6	108.9	119.8	135.6	169.8	129.3	146.2	111.2	122.7
177.2	145.5	154.3	122.4	134.5	104.1	114.6	129.0	158.7	123.5	138.9	106.5	116.8
190.3	137.4	145.5	116.5	128.6	99.8	110.4	122.4	149.9	117.6	132.3	102.2	112.4
203.4	130.1	137.8	111.3	123.1	95.9	106.3	116.0	142.2	111.9	126.4	98.3	108.4
216.5	123.5	131.2	106.7	117.9	92.4	102.3	109.8	135.6	106.5	121.3	94.6	104.7
229.7	117.6	125.3	102.4	112.8	89.3	98.9	103.9	129.4	101.2	116.0	91.3	101.4
242.8	112.4	119.4	98.5	109.1	86.4	95.8	98.3	122.7	96.2	111.8	88.4	98.2
255.9	108.0	114.6	95.0	105.2	83.8	93.0	93.0	114.6	91.7	108.5	85.8	95.2
269.0	101.0	107.4	90.6	100.0	81.6	89.9	87.9	106.9	87.0	101.9	83.4	90.8
282.2	93.6	99.6	85.5	93.8	79.1	85.7	82.7	98.8	82.4	94.8	80.3	85.7
295.3	86.0	91.1	79.8	86.4	76.5	80.2	77.6	90.6	77.8	87.3	76.5	79.8
308.4	78.3	82.4	74.1	79.2	72.7	74.9	72.3	82.4	73.3	79.8	72.3	73.9
321.5	70.7	73.7	68.3	72.1	68.8	69.4	67.2	74.1	68.8	72.3	68.0	68.0
334.6	63.1	65.0	62.4	64.8	-	-	61.9	65.9	64.2	64.8	63.7	62.2
337.9	-	-	-	-	-	-	60.7	63.8	63.0	63.0	62.6	60.6
347.8	-	-	-	-	-	-	56.8	57.6	59.6	57.5	-	-
351.1	-	-	-	-	-	-	55.6	55.6	58.5	55.6	-	-
354.3	-	-	-	-	-	-	-	-	57.3	53.8	-	-
360.9	-	-	-	-	-	-	-	-	-	-	-	-

### Remarks

SSL+LF2: SL radius 55.8 ft on request. Max. capacities with minimum counterweight.

For HSSL+LF2 a boom power-kit is required.

# SSL/LSL+LF2 LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB    36.1 – 49.2 ft    0-661,400 lb    39.4 ft    27.6 ft    360°    DIN/ISO

ft	374.0 ft						393.7 ft					
	SSL/LSL+LF2		SSL/LSL+LF2 SGLmax.		SSL/LSL+LF2		SSL/LSL+LF2 SGLmax.		SSL/LSL+LF2		SSL/LSL+LF2 SGLmax.	
	10°	15°	15°	20°	20°	20°	10°	15°	15°	20°	20°	20°
	1,000 lb											
52.5	188.5	253.5	-	-	-	-	-	-	-	-	-	-
55.8	188.5	253.5	175.3	244.7	-	-	166.4	235.9	-	-	-	-
59.1	187.4	253.5	175.3	244.7	162.0	199.5	166.4	235.9	154.3	231.5	-	-
62.3	186.3	253.5	175.3	243.6	162.0	195.7	165.3	235.9	154.3	230.4	143.3	197.3
65.6	185.2	253.5	174.2	242.5	162.0	191.8	164.2	235.9	153.2	229.3	143.3	194.0
72.2	181.9	253.5	170.9	238.1	159.8	185.2	162.0	235.9	151.0	227.1	141.1	187.4
78.7	178.6	253.5	168.7	229.3	157.6	178.6	159.8	235.9	148.8	222.7	140.0	180.8
85.3	175.3	253.5	165.3	220.5	155.4	173.1	156.5	235.9	146.6	220.5	137.8	175.3
91.9	172.0	253.5	162.0	212.7	152.1	167.6	154.3	235.9	144.4	216.1	135.6	169.8
98.4	168.7	249.1	159.8	203.9	147.7	162.0	151.0	235.9	142.2	208.3	133.4	164.2
111.5	162.0	231.5	153.2	190.7	138.9	153.2	145.1	227.1	136.3	195.1	128.2	155.4
124.7	155.4	215.0	147.0	178.6	131.2	145.1	139.3	216.8	130.8	183.0	123.5	147.3
137.8	148.8	199.5	141.1	167.6	124.6	137.8	133.4	205.0	125.7	172.0	119.0	140.0
150.9	142.9	187.0	136.0	158.7	118.7	131.2	129.0	192.5	122.0	162.4	115.4	133.4
164.0	137.4	175.3	131.2	150.3	113.4	125.3	124.6	180.8	117.9	154.0	111.9	127.5
177.2	132.3	164.2	126.8	142.2	108.7	120.2	120.2	169.8	113.5	146.6	108.7	122.4
190.3	126.4	155.4	121.6	136.3	104.4	115.0	115.7	158.0	109.9	140.0	105.2	117.9
203.4	120.5	146.6	116.5	130.4	100.5	110.7	111.3	146.6	106.0	133.2	101.6	113.6
216.5	114.6	137.8	111.3	124.6	96.8	107.1	106.7	135.6	102.1	125.7	98.1	109.3
229.7	109.5	127.2	106.6	119.6	93.5	103.6	102.1	124.6	98.0	119.0	94.4	105.8
242.8	104.1	118.7	101.6	115.0	90.4	100.3	97.5	114.5	93.8	112.9	90.8	102.5
255.9	98.5	111.3	96.3	111.3	87.7	97.2	92.8	105.4	89.5	107.1	87.1	99.4
269.0	93.1	104.0	91.1	104.3	85.2	93.8	87.8	96.3	85.1	100.2	82.8	96.6
282.2	87.6	96.5	85.8	97.0	82.3	88.9	82.9	87.5	80.6	93.3	78.6	92.6
295.3	82.0	88.8	80.5	89.3	78.9	82.5	78.0	79.1	76.1	86.2	74.3	85.8
308.4	76.5	81.2	75.2	81.6	73.9	76.0	73.2	71.5	71.5	79.1	70.0	78.9
321.5	70.9	73.6	69.9	74.1	68.9	69.5	68.3	64.3	66.9	72.2	65.8	72.0
334.6	65.5	65.9	64.6	66.6	63.9	63.1	63.5	57.5	62.4	65.3	61.5	65.0
347.8	59.9	58.3	59.3	58.9	58.9	56.6	58.6	51.4	57.8	58.2	57.2	58.2
354.3	57.1	54.5	56.7	55.1	56.4	53.4	56.2	48.3	55.6	54.7	55.1	54.7
360.9	54.4	50.8	54.0	51.3	-	-	53.8	45.6	53.4	51.2	52.9	51.3
367.5	51.6	46.9	51.4	47.5	-	-	51.4	42.8	51.1	47.8	50.7	47.8
370.7	50.3	45.0	50.0	45.6	-	-	50.2	41.5	49.9	46.0	-	-
374.0	-	-	-	-	-	-	48.9	40.1	48.7	44.3	-	-
387.1	-	-	-	-	-	-	44.1	35.5	44.3	37.3	-	-

3

**Remarks**

SSL+LF2: SL radius 55.8 ft on request. Max. capacities with minimum counterweight.

For HSSL+LF2 a boom power-kit is required.

# SSL/LSL+LF2 LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB 36.1 – 49.2 ft 0-661,400 lb 39.4 ft 27.6 ft 360° DIN/ISO

ft	413.4 ft						433.1 ft					
	SSL/LSL+LF2		SSL/LSL+LF2		SSL/LSL+LF2		SSL/LSL+LF2		SSL/LSL+LF2		SSL/LSL+LF2	
	LF2	SGLmax.										
	10°		15°		20°		10°		15°		20°	
	1,000 lb											
55.8	145.5	215.0	-	-	-	-	-	-	-	-	-	-
59.1	145.5	215.0	136.7	212.7	-	-	135.6	199.5	-	-	-	-
62.3	145.5	215.0	136.7	212.7	127.9	198.4	135.6	199.5	127.9	197.3	-	-
65.6	144.4	215.0	136.7	212.7	127.9	195.1	134.5	199.5	127.9	197.3	120.2	190.7
72.2	142.2	215.0	134.5	211.6	126.8	188.5	133.4	198.4	126.8	197.3	120.2	190.7
78.7	140.0	215.0	132.3	211.6	124.6	183.0	132.3	198.4	125.7	196.2	119.0	184.1
85.3	137.8	215.0	130.1	210.5	122.4	177.5	130.1	197.3	123.5	196.2	116.8	178.6
91.9	135.6	215.0	127.9	209.4	121.3	172.0	129.0	197.3	122.4	196.2	115.7	174.2
98.4	133.4	215.0	125.7	209.4	119.0	166.4	126.8	196.2	120.2	195.1	114.6	168.7
111.5	128.2	211.3	121.3	197.7	114.6	157.6	123.1	193.3	117.2	192.9	111.7	159.8
124.7	123.1	206.9	116.8	186.3	110.7	149.5	119.4	189.6	113.9	187.4	108.7	151.8
137.8	117.9	201.7	112.4	175.3	107.1	142.2	115.7	185.2	110.2	178.6	105.6	144.4
150.9	113.5	191.4	108.9	165.7	103.6	136.3	112.8	177.8	107.4	169.8	102.7	138.5
164.0	109.6	179.7	105.4	157.3	100.3	130.4	109.7	168.7	104.6	161.3	99.9	132.6
177.2	106.0	166.4	101.9	149.9	97.2	124.6	106.5	157.6	101.6	153.2	97.2	126.8
190.3	102.1	154.7	98.3	143.3	94.0	120.2	103.2	146.6	98.7	145.1	94.6	122.4
203.4	98.1	143.3	94.8	136.7	90.8	115.7	99.9	136.0	95.8	136.2	91.9	117.9
216.5	94.1	132.3	91.3	127.9	87.7	111.3	96.6	125.7	92.8	125.7	89.3	113.5
229.7	90.2	121.3	87.7	119.0	84.6	108.0	93.4	115.4	89.9	116.1	86.6	108.4
242.8	86.3	111.1	84.2	110.5	81.5	104.4	90.1	106.3	86.9	107.0	84.0	102.6
255.9	82.5	101.9	80.7	102.3	78.3	100.5	86.9	97.4	84.0	98.3	81.4	96.1
269.0	78.3	92.9	76.9	94.4	74.7	95.5	83.7	89.1	81.1	89.9	78.6	89.9
282.2	74.3	84.2	73.0	86.6	71.2	89.1	80.5	80.9	78.1	81.8	75.8	83.8
295.3	70.3	75.8	69.2	79.1	67.5	82.7	77.2	73.0	75.2	73.9	73.2	77.8
308.4	66.4	68.3	65.3	72.1	63.8	76.2	73.9	65.6	72.2	66.7	70.5	71.9
321.5	62.3	61.1	61.4	65.2	60.1	69.8	70.6	58.6	69.3	59.7	67.9	66.0
334.6	58.2	54.2	57.5	58.4	56.4	63.3	67.2	52.0	66.4	52.9	65.3	60.0
347.8	54.3	48.2	53.6	52.2	52.8	56.8	64.0	46.0	63.4	46.9	62.6	54.1
360.9	50.3	42.5	49.7	46.2	49.0	50.4	60.7	40.3	60.6	41.1	60.0	48.1
374.0	46.3	37.0	45.9	40.3	45.2	43.9	57.5	34.8	57.8	35.5	57.3	42.1
383.9	43.3	33.6	42.9	36.2	42.5	39.0	54.7	31.1	54.9	31.7	54.9	37.7
387.1	42.3	32.5	41.9	34.8	-	-	53.7	29.8	53.9	30.5	54.1	36.2
400.3	38.3	28.1	38.0	29.5	-	-	48.9	25.2	49.2	25.8	49.6	30.2
403.5	37.3	27.1	37.0	28.2	-	-	47.5	24.2	47.8	24.7	-	-
413.4	-	-	-	-	-	-	43.4	20.9	43.7	21.4	-	-
419.9	-	-	-	-	-	-	41.7	19.2	41.9	19.4	-	-
423.2	-	-	-	-	-	-	-	-	-	-	-	-

### Remarks

SSL+LF2: SL radius 55.8 ft on request. Max. capacities with minimum counterweight.

For HSSL+LF2 a boom power-kit is required.

# SSL/LSL+LF2 LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB
 36.1 – 49.2 ft
 0-661,400 lb
 39.4 ft
 27.6 ft
 360°
 DIN/ISO

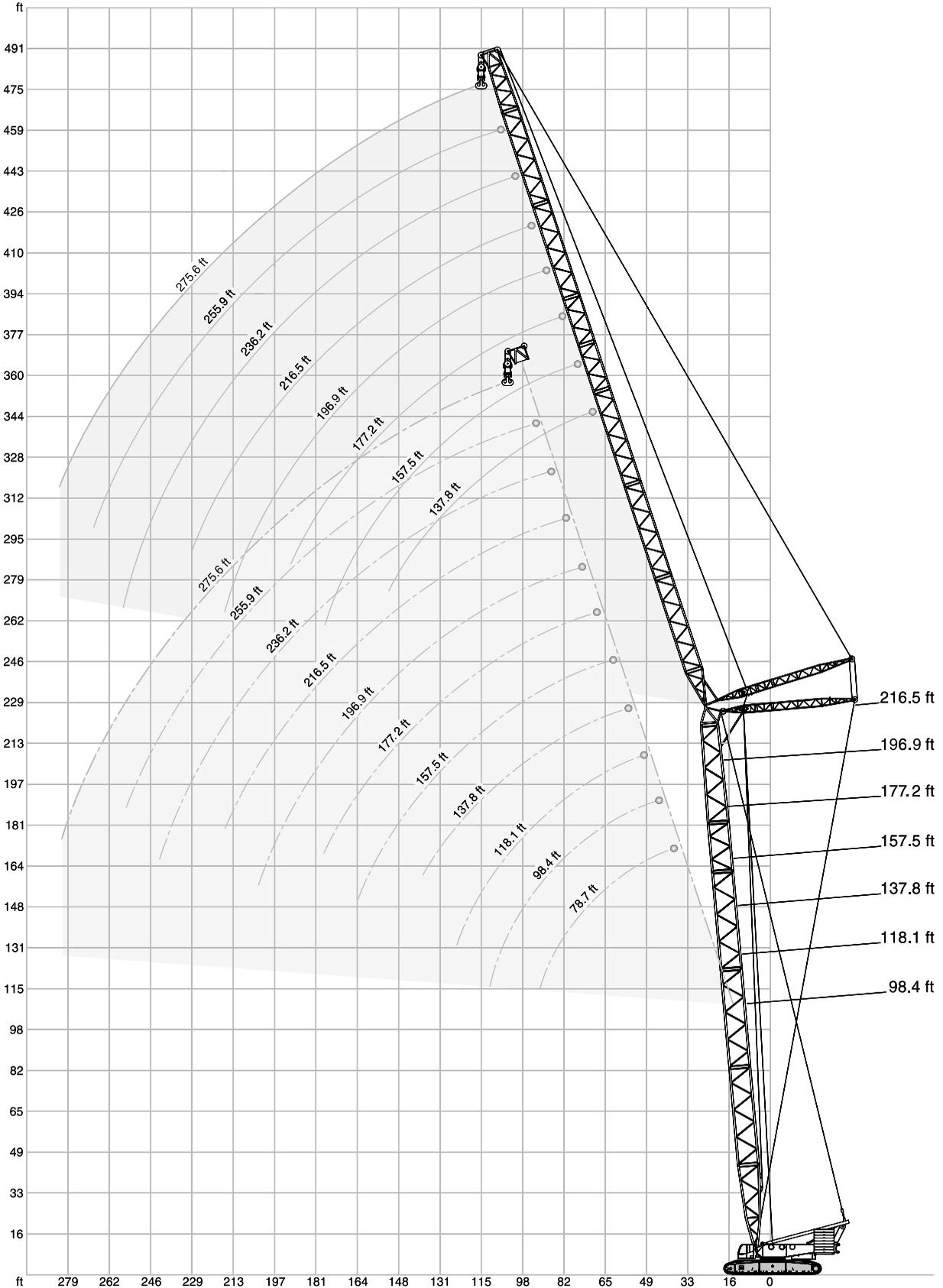
ft	452.8 ft					
	SSL/LSL+LF2		SSL/LSL+LF2		SSL/LSL+LF2	
	LF2	SGLmax.	LF2	SGLmax.	LF2	SGLmax.
	10°		15°		20°	
	1,000 lb					
59.1	116.8	175.3	-	-	-	-
62.3	116.8	175.3	113.5	174.2	-	-
65.6	116.8	175.3	113.5	174.2	108.5	172.0
72.2	115.7	174.2	113.5	174.2	108.5	172.0
78.7	114.6	173.1	112.4	173.1	107.6	170.9
85.3	113.5	172.0	111.3	172.0	106.7	169.8
91.9	112.4	170.9	110.2	170.9	105.8	169.8
98.4	110.2	169.8	109.6	169.8	104.9	168.7
111.5	108.3	167.6	107.4	167.6	102.9	161.3
124.7	106.0	165.3	105.1	165.3	100.8	154.0
137.8	103.4	163.1	102.7	163.1	98.8	146.6
150.9	99.9	159.5	100.1	160.2	96.6	140.0
164.0	95.4	152.9	96.5	154.0	94.0	134.1
177.2	89.9	143.3	91.9	144.4	91.1	129.0
190.3	84.5	134.1	87.5	134.5	88.1	123.7
203.4	79.0	124.6	83.0	125.7	85.1	118.7
216.5	73.4	115.7	78.5	116.8	82.0	113.5
229.7	68.0	107.7	74.1	108.6	79.1	106.2
242.8	62.5	99.6	69.6	100.5	76.1	99.0
255.9	57.1	91.5	65.0	92.4	73.2	91.7
269.0	51.7	83.8	60.6	84.7	70.3	84.8
275.6	48.9	80.0	58.4	80.9	68.8	81.4
282.2	-	76.4	56.2	77.3	67.3	78.0
295.3	-	69.2	51.6	70.1	64.2	71.2
308.4	-	62.5	47.2	63.3	61.2	64.9
321.5	-	55.9	42.8	56.7	58.3	58.7
334.6	-	49.6	38.1	50.3	55.3	52.7
347.8	-	43.7	33.7	44.4	52.2	46.8
360.9	-	38.1	29.2	38.8	49.2	41.2
374.0	-	32.6	24.7	33.3	46.3	35.7
387.1	-	27.8	20.1	28.3	43.2	30.6
400.3	-	23.1	15.7	23.5	40.3	25.5
413.4	-	18.5	11.2	19.0	37.3	20.5
416.7	-	17.5	10.1	17.9	36.6	19.4
423.2	-	15.4	7.7	15.9	-	-
426.5	-	14.4	-	14.8	-	-
436.4	-	11.5	-	11.8	-	-
439.6	-	-	-	10.8	-	-
442.9	-	-	-	-	-	-

**Remarks**

SSL+LF2: SL radius 55.8 ft on request. Max. capacities with minimum counterweight.

For HSSL+LF2 a boom power-kit is required.

# SW WORKING RANGES



# SW LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB

 27.6 ft
 
360°
DIN/ISO

98.4 ft																		
78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			
85° 75° 65°			85° 75° 65°			85° 75° 65°			85° 75° 65°			85° 75° 65°			85° 75° 65°			
1,000 lb																		
45.9	458.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52.5	379.2	-	-	377.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	319.7	-	-	317.5	-	-	317.5	-	-	-	-	-	-	-	-	-	-	-
65.6	277.8	-	-	275.6	-	-	273.4	-	-	271.2	-	-	-	-	-	-	-	-
72.2	244.7	-	-	242.5	-	-	240.3	-	-	238.1	-	-	235.9	-	-	-	-	-
78.7	217.2	203.9	-	216.1	-	-	213.8	-	-	211.6	-	-	210.5	-	-	207.2	-	-
85.3	196.2	183.0	-	194.0	180.8	-	192.9	-	-	189.6	-	-	188.5	-	-	186.3	-	-
91.9	177.5	166.4	-	176.4	164.2	-	174.2	-	-	172.0	-	-	170.9	-	-	167.6	-	-
98.4	-	152.1	-	160.9	149.9	-	158.7	147.7	-	156.5	-	-	155.4	-	-	153.2	-	-
105.0	-	140.0	130.1	148.8	137.8	-	146.6	135.6	-	144.4	132.3	-	143.3	-	-	141.1	-	-
111.5	-	-	120.2	136.7	126.8	-	134.5	124.6	-	132.3	122.4	-	131.2	120.2	-	129.0	-	-
118.1	-	-	111.3	-	117.9	109.1	125.1	115.7	-	122.9	112.4	-	121.8	111.3	-	119.6	-	-
124.7	-	-	104.1	-	109.8	101.6	115.7	107.6	-	113.5	105.2	-	112.4	103.2	-	110.2	100.5	-
131.2	-	-	-	-	-	94.8	-	100.5	92.2	106.7	97.9	-	105.3	96.1	-	103.0	93.3	-
137.8	-	-	-	-	-	88.8	-	94.1	86.2	99.9	91.5	-	98.1	89.7	-	95.7	86.9	-
144.4	-	-	-	-	-	-	-	88.2	80.7	-	85.8	78.3	92.3	84.0	-	89.8	81.1	-
150.9	-	-	-	-	-	-	-	-	75.8	-	80.7	73.4	86.4	78.7	71.2	84.0	76.1	-
164.0	-	-	-	-	-	-	-	-	67.7	-	71.7	65.0	76.9	69.7	62.8	74.3	67.0	59.7
177.2	-	-	-	-	-	-	-	-	-	-	-	58.0	-	62.2	55.8	66.4	59.5	52.5
183.7	-	-	-	-	-	-	-	-	-	-	-	-	-	59.1	52.5	-	56.2	49.2
190.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.6	-	53.4	46.3
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47.8	41.0
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.6

196.9 ft																		
216.5 ft			236.2 ft			255.9 ft			275.6 ft									
85° 75° 65°			85° 75° 65°			85° 75° 65°			85° 75° 65°			85° 75° 65°						
1,000 lb																		
85.3	184.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91.9	166.4	-	-	165.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98.4	151.0	-	-	149.9	-	-	147.7	-	-	-	-	-	-	-	-	-	-	-
111.5	126.8	-	-	125.7	-	-	123.5	-	-	122.4	-	-	120.2	-	-	-	-	-
124.7	108.9	-	-	107.4	-	-	104.7	-	-	104.3	-	-	102.3	-	-	-	-	-
131.2	101.5	91.5	-	100.1	-	-	97.4	-	-	97.0	-	-	94.9	-	-	-	-	-
137.8	94.1	85.1	-	92.8	-	-	90.2	-	-	89.7	-	-	87.5	-	-	-	-	-
144.4	88.3	79.4	-	86.9	77.6	-	84.3	-	-	83.8	-	-	81.7	-	-	-	-	-
150.9	82.5	74.3	-	80.9	72.5	-	78.5	69.7	-	77.8	-	-	75.8	-	-	-	-	-
164.0	72.8	65.3	-	71.2	63.5	-	68.8	60.6	-	68.1	59.5	-	66.1	-	-	-	-	-
170.6	68.7	61.3	-	67.2	59.5	-	64.7	56.4	-	64.0	55.6	-	62.1	52.9	-	-	-	-
177.2	64.6	57.8	50.0	63.3	55.8	-	60.6	52.7	-	60.0	51.8	-	58.0	49.2	-	-	-	-
190.3	58.0	51.1	43.9	56.4	49.2	41.7	53.8	45.9	-	53.1	45.0	-	50.7	42.3	-	-	-	-
203.4	52.0	45.4	38.6	50.5	43.4	36.4	47.6	40.1	33.1	47.0	39.2	-	44.5	36.6	-	-	-	-
216.5	-	40.6	34.2	45.4	38.6	32.0	42.3	35.3	28.7	41.4	34.2	27.3	39.0	31.7	-	-	-	-
229.7	-	-	30.2	-	34.2	28.0	37.7	31.1	24.7	36.6	30.0	23.6	34.4	27.3	20.7	-	-	-
242.8	-	-	-	-	30.6	24.7	33.7	27.3	21.2	32.6	26.2	20.1	30.2	23.6	17.2	-	-	-
255.9	-	-	-	-	-	21.8	-	24.0	18.3	29.1	22.9	17.0	26.5	20.3	14.3	-	-	-
262.5	-	-	-	-	-	-	-	22.7	17.0	-	21.4	15.7	24.9	18.7	12.8	-	-	-
275.6	-	-	-	-	-	-	-	-	-	-	18.5	13.0	21.9	15.9	10.4	-	-	-
282.2	-	-	-	-	-	-	-	-	-	-	-	11.9	20.5	14.8	9.3	-	-	-
295.3	-	-	-	-	-	-	-	-	-	-	-	9.9	-	12.3	-	-	-	-
301.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Remarks**

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

# SW LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB
 27.6 ft
360° DIN/ISO

118.1 ft																		
 <span style="margin-left: 20px;">78.7 ft</span> <span style="margin-left: 20px;">98.4 ft</span> <span style="margin-left: 20px;">118.1 ft</span> <span style="margin-left: 20px;">137.8 ft</span> <span style="margin-left: 20px;">157.5 ft</span> <span style="margin-left: 20px;">177.2 ft</span>																		
 <span style="margin-left: 10px;">85°</span> <span style="margin-left: 10px;">75°</span> <span style="margin-left: 10px;">65°</span> <span style="margin-left: 10px;">85°</span> <span style="margin-left: 10px;">75°</span> <span style="margin-left: 10px;">65°</span> <span style="margin-left: 10px;">85°</span> <span style="margin-left: 10px;">75°</span> <span style="margin-left: 10px;">65°</span> <span style="margin-left: 10px;">85°</span> <span style="margin-left: 10px;">75°</span> <span style="margin-left: 10px;">65°</span> <span style="margin-left: 10px;">85°</span> <span style="margin-left: 10px;">75°</span> <span style="margin-left: 10px;">65°</span> <span style="margin-left: 10px;">85°</span> <span style="margin-left: 10px;">75°</span> <span style="margin-left: 10px;">65°</span>																		
ft																		
1,000 lb																		
52.5	374.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	317.5	-	-	315.3	-	-	315.3	-	-	-	-	-	-	-	-	-	-	-
65.6	275.6	-	-	273.4	-	-	271.2	-	-	269.0	-	-	-	-	-	-	-	-
72.2	242.5	-	-	240.3	-	-	238.1	-	-	235.9	-	-	233.7	-	-	-	-	-
78.7	216.1	-	-	213.8	-	-	212.7	-	-	210.5	-	-	208.3	-	-	206.1	-	-
85.3	194.0	178.6	-	192.9	-	-	190.7	-	-	188.5	-	-	187.4	-	-	184.1	-	-
91.9	176.4	162.0	-	174.2	159.8	-	173.1	-	-	170.9	-	-	168.7	-	-	166.4	-	-
98.4	-	147.7	-	159.8	145.5	-	157.6	143.3	-	155.4	-	-	154.3	-	-	151.0	-	-
111.5	-	125.7	114.6	134.5	123.5	-	133.4	120.2	-	131.2	117.9	-	130.1	-	-	126.8	-	-
118.1	-	-	106.3	-	113.5	-	124.0	111.3	-	121.8	109.6	-	120.7	107.6	-	117.9	-	-
124.7	-	-	98.8	-	106.3	96.1	114.6	104.1	-	112.4	101.6	-	111.3	99.6	-	109.1	-	-
131.2	-	-	-	-	99.2	89.5	-	97.0	-	105.6	94.6	-	104.3	92.6	-	101.9	89.7	-
137.8	-	-	-	-	-	83.8	-	90.8	80.9	98.8	88.4	-	97.2	86.4	-	94.6	83.6	-
150.9	-	-	-	-	-	73.9	-	80.2	71.2	87.1	77.6	68.6	85.5	75.6	-	82.9	73.0	-
164.0	-	-	-	-	-	-	-	-	63.1	-	69.0	60.4	75.8	67.0	57.8	73.4	64.2	-
170.6	-	-	-	-	-	-	-	-	-	-	65.0	56.7	-	63.1	54.2	69.4	60.4	-
177.2	-	-	-	-	-	-	-	-	-	-	-	53.4	-	59.7	50.9	65.5	56.9	47.4
190.3	-	-	-	-	-	-	-	-	-	-	-	47.6	-	53.6	45.0	58.9	50.5	41.4
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.1	-	45.0	36.6
210.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.5	34.4
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.4
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.9
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

 <span style="margin-left: 20px;">196.9 ft</span> <span style="margin-left: 20px;">216.5 ft</span> <span style="margin-left: 20px;">236.2 ft</span> <span style="margin-left: 20px;">255.9 ft</span> <span style="margin-left: 20px;">275.6 ft</span>																		
 <span style="margin-left: 10px;">85°</span> <span style="margin-left: 10px;">75°</span> <span style="margin-left: 10px;">65°</span> <span style="margin-left: 10px;">85°</span> <span style="margin-left: 10px;">75°</span> <span style="margin-left: 10px;">65°</span> <span style="margin-left: 10px;">85°</span> <span style="margin-left: 10px;">75°</span> <span style="margin-left: 10px;">65°</span> <span style="margin-left: 10px;">85°</span> <span style="margin-left: 10px;">75°</span> <span style="margin-left: 10px;">65°</span> <span style="margin-left: 10px;">85°</span> <span style="margin-left: 10px;">75°</span> <span style="margin-left: 10px;">65°</span>																		
ft																		
1,000 lb																		
85.3	183.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91.9	165.3	-	-	163.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98.4	149.9	-	-	148.8	-	-	145.5	-	-	-	-	-	-	-	-	-	-	-
111.5	125.7	-	-	124.6	-	-	121.3	-	-	121.3	-	-	119.0	-	-	-	-	-
124.7	107.6	-	-	106.0	-	-	103.6	-	-	103.0	-	-	101.0	-	-	-	-	-
137.8	93.0	81.8	-	91.7	-	-	89.1	-	-	88.6	-	-	86.4	-	-	-	-	-
144.4	87.2	76.3	-	85.9	74.3	-	83.2	-	-	82.7	-	-	80.6	-	-	-	-	-
150.9	81.4	71.2	-	80.0	69.4	-	77.4	-	-	76.7	-	-	74.7	-	-	-	-	-
157.5	76.6	66.6	-	75.2	64.8	-	72.5	61.5	-	72.0	-	-	69.9	-	-	-	-	-
164.0	71.9	62.4	-	70.3	60.4	-	67.7	57.1	-	67.2	56.0	-	65.0	-	-	-	-	-
177.2	63.7	54.7	-	62.2	52.7	-	59.7	49.4	-	59.1	48.5	-	57.1	45.9	-	-	-	-
190.3	57.1	48.3	39.2	55.6	46.1	-	52.9	43.0	-	52.0	41.9	-	49.8	39.2	-	-	-	-
203.4	51.4	42.5	34.2	49.6	40.6	32.0	46.7	37.3	-	45.9	36.4	-	43.4	33.7	-	-	-	-
216.5	-	37.9	30.0	44.5	35.7	27.6	41.4	32.6	24.3	40.6	31.5	-	38.1	28.9	-	-	-	-
229.7	-	34.0	26.2	-	31.7	24.0	36.8	28.4	20.5	35.7	27.3	19.4	33.3	24.7	-	-	-	-
242.8	-	-	23.1	-	28.2	20.7	32.8	24.7	17.2	31.7	23.6	16.1	29.3	20.9	13.2	-	-	-
255.9	-	-	-	-	-	18.1	-	21.6	14.6	28.2	20.5	13.2	25.6	17.9	10.4	-	-	-
262.5	-	-	-	-	-	-	-	20.3	13.2	-	19.0	11.9	24.0	16.3	9.0	-	-	-
269.0	-	-	-	-	-	-	-	-	11.9	-	17.6	10.6	22.5	15.0	-	-	-	-
275.6	-	-	-	-	-	-	-	-	-	11.0	-	16.3	9.5	21.1	13.7	-	-	-
282.2	-	-	-	-	-	-	-	-	-	9.9	-	15.2	-	19.6	12.3	-	-	-
295.3	-	-	-	-	-	-	-	-	-	-	-	-	-	10.1	-	-	-	-
301.8	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3	-	-	-	-

**Remarks**

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

# SW LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB    
 27.6 ft    
 360°    
 DIN/ISO

137.8 ft		78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
		85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
ft		1,000 lb																	
52.5	372.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	315.3	-	-	313.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.6	273.4	-	-	271.2	-	-	269.0	-	-	-	-	-	-	-	-	-	-	-	-
72.2	240.3	-	-	238.1	-	-	235.9	-	-	233.7	-	-	-	-	-	-	-	-	-
78.7	213.8	-	-	212.7	-	-	210.5	-	-	208.3	-	-	206.1	-	-	-	-	203.9	-
85.3	192.9	173.1	-	190.7	-	-	189.6	-	-	186.3	-	-	185.2	-	-	-	-	183.0	-
91.9	174.2	156.5	-	173.1	-	-	170.9	-	-	168.7	-	-	167.6	-	-	-	-	164.2	-
98.4	-	143.3	-	157.6	141.1	-	156.5	-	-	154.3	-	-	152.1	-	-	-	-	149.9	-
105.0	-	131.2	-	145.5	129.0	-	144.4	126.8	-	142.2	-	-	140.0	-	-	-	-	137.8	-
111.5	-	121.3	-	133.4	119.0	-	132.3	115.7	-	130.1	-	-	127.9	-	-	-	-	125.7	-
118.1	-	112.4	-	-	110.2	-	122.9	108.0	-	120.7	105.4	-	119.0	-	-	-	-	116.7	-
124.7	-	-	92.8	-	102.7	-	113.5	100.3	-	111.3	97.7	-	110.2	95.7	-	-	-	107.8	-
131.2	-	-	86.6	-	95.7	-	-	93.5	-	104.4	90.8	-	103.1	88.8	-	-	-	100.6	86.0
137.8	-	-	81.1	-	89.5	78.3	-	87.3	-	97.4	84.9	-	95.9	82.9	-	-	-	93.5	80.0
150.9	-	-	-	-	-	68.8	-	76.9	65.7	86.0	74.3	-	84.4	72.5	-	-	-	81.8	69.7
157.5	-	-	-	-	-	-	-	72.5	61.5	-	69.9	-	79.7	67.9	-	-	-	77.1	65.3
164.0	-	-	-	-	-	-	-	-	57.8	-	65.9	54.7	75.0	63.9	-	-	-	72.3	60.8
177.2	-	-	-	-	-	-	-	-	51.1	-	58.9	48.1	-	56.7	45.4	-	-	64.4	53.6
190.3	-	-	-	-	-	-	-	-	-	-	-	42.5	-	50.5	39.9	-	-	57.8	47.2
196.9	-	-	-	-	-	-	-	-	-	-	-	-	-	47.8	37.5	-	-	-	44.5
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.3	-	-	41.9	31.7
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.3	-	-	27.8
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.5

196.9 ft		216.5 ft			236.2 ft			255.9 ft			275.6 ft		
		85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
ft		1,000 lb											
85.3	180.8	-	-	-	-	-	-	-	-	-	-	-	-
91.9	163.1	-	-	162.0	-	-	-	-	-	-	-	-	-
98.4	147.7	-	-	146.6	-	-	144.4	-	-	-	-	-	-
111.5	124.6	-	-	122.4	-	-	120.2	-	-	119.0	-	-	116.8
124.7	106.3	-	-	104.7	-	-	102.3	-	-	101.6	-	-	99.6
137.8	91.9	-	-	90.4	-	-	87.7	-	-	87.3	-	-	85.1
144.4	86.1	72.8	-	84.5	-	-	82.0	-	-	81.5	-	-	79.4
150.9	80.2	67.7	-	78.7	65.5	-	76.3	-	-	75.6	-	-	73.6
164.0	70.8	58.9	-	69.2	56.7	-	66.6	53.1	-	66.1	-	-	63.9
170.6	66.8	54.9	-	65.3	52.7	-	62.6	49.4	-	62.1	48.5	-	59.9
177.2	62.8	51.4	-	61.3	49.2	-	58.6	45.9	-	58.0	45.0	-	55.8
190.3	56.0	45.0	-	54.5	43.0	-	51.8	39.7	-	50.9	38.6	-	48.5
203.4	50.3	39.7	29.3	48.7	37.5	27.1	45.6	34.2	-	44.8	33.3	-	42.3
216.5	-	35.1	25.4	43.4	32.8	23.1	40.3	29.5	19.4	39.5	28.7	-	37.0
229.7	-	31.1	21.8	39.0	28.9	19.6	35.7	25.6	16.1	34.8	24.5	14.8	32.4
242.8	-	-	19.0	-	25.6	16.5	31.7	22.0	13.0	30.6	20.9	11.9	28.2
249.3	-	-	17.6	-	24.0	15.2	-	20.5	11.7	28.9	19.4	10.4	26.5
255.9	-	-	16.3	-	-	13.9	-	19.2	10.4	27.1	17.9	9.3	24.7
269.0	-	-	-	-	-	11.7	-	16.5	-	-	15.2	-	21.6
282.2	-	-	-	-	-	-	-	-	-	-	12.8	-	18.7
288.7	-	-	-	-	-	-	-	-	-	-	11.7	-	-

# 4

**Remarks**

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

# SW LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB

 27.6 ft
 
360° DIN/ISO

157.5 ft

ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
	1,000 lb																	
52.5	370.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	313.1	-	-	310.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.6	271.2	-	-	269.0	-	-	266.8	-	-	-	-	-	-	-	-	-	-	-
72.2	238.1	-	-	235.9	-	-	233.7	-	-	231.5	-	-	-	-	-	-	-	-
78.7	212.7	-	-	210.5	-	-	208.3	-	-	206.1	-	-	203.9	-	-	-	-	-
85.3	190.7	-	-	188.5	-	-	187.4	-	-	185.2	-	-	183.0	-	-	180.8	-	-
91.9	173.1	151.0	-	170.9	-	-	169.8	-	-	167.6	-	-	165.3	-	-	163.1	-	-
98.4	157.6	137.8	-	156.5	-	-	154.3	-	-	152.1	-	-	151.0	-	-	147.7	-	-
105.0	-	126.8	-	144.4	124.6	-	142.7	-	-	140.0	-	-	138.9	-	-	136.1	-	-
111.5	-	116.8	-	132.3	114.6	-	131.2	111.3	-	127.9	-	-	126.8	-	-	124.6	-	-
118.1	-	108.7	-	-	106.0	-	121.8	103.6	-	119.0	101.0	-	117.8	-	-	115.5	-	-
124.7	-	101.0	-	-	98.5	-	112.4	96.1	-	110.2	93.5	-	108.9	-	-	106.5	-	-
131.2	-	-	-	-	91.9	-	-	89.5	-	103.3	86.9	-	101.7	84.9	-	99.3	-	-
137.8	-	-	75.2	-	86.0	-	-	83.6	-	96.3	80.9	-	94.6	78.9	-	92.2	76.1	-
144.4	-	-	70.3	-	80.5	67.0	-	78.3	-	90.6	75.6	-	88.8	73.6	-	86.4	70.5	-
150.9	-	-	65.9	-	-	62.6	-	73.4	-	84.9	71.0	-	83.1	69.0	-	80.7	65.7	-
157.5	-	-	-	-	-	58.6	-	69.2	55.1	-	66.6	-	78.4	64.6	-	75.9	61.1	-
164.0	-	-	-	-	-	55.1	-	65.3	51.6	-	62.6	48.5	73.6	60.4	-	71.2	57.1	-
177.2	-	-	-	-	-	-	-	-	45.4	-	55.6	42.3	-	53.1	39.7	63.3	49.8	-
190.3	-	-	-	-	-	-	-	-	-	-	-	37.3	-	47.2	34.6	56.9	43.9	31.1
196.9	-	-	-	-	-	-	-	-	-	-	-	35.1	-	44.5	32.4	-	41.2	28.7
203.4	-	-	-	-	-	-	-	-	-	-	-	33.1	-	-	30.2	-	38.6	26.7
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.5	-	34.4	22.9
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.8
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.2

ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
	1,000 lb														
91.9	160.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98.4	146.6	-	-	144.4	-	-	-	-	-	-	-	-	-	-	-
111.5	122.4	-	-	121.3	-	-	117.9	-	-	117.9	-	-	115.7	-	-
124.7	104.9	-	-	103.4	-	-	100.8	-	-	100.3	-	-	98.1	-	-
137.8	90.6	-	-	89.1	-	-	86.4	-	-	86.0	-	-	83.8	-	-
150.9	79.1	63.5	-	77.6	-	-	75.0	-	-	74.5	-	-	72.3	-	-
157.5	74.4	58.9	-	72.9	56.7	-	70.2	-	-	69.8	-	-	67.6	-	-
164.0	69.7	54.9	-	68.1	52.7	-	65.5	49.2	-	65.0	-	-	62.8	-	-
177.2	61.7	47.6	-	60.2	45.4	-	57.5	42.1	-	56.9	41.0	-	54.5	-	-
183.7	58.4	44.5	-	56.9	42.3	-	54.0	39.0	-	53.4	37.9	-	50.9	35.3	-
190.3	55.1	41.7	-	53.6	39.5	-	50.5	36.2	-	49.8	35.1	-	47.4	32.4	-
203.4	49.4	36.4	24.3	47.4	34.4	-	44.5	30.9	-	43.7	30.0	-	41.2	27.1	-
216.5	-	32.0	20.5	42.3	29.8	18.1	39.2	26.5	-	38.4	25.6	-	35.9	22.7	-
229.7	-	28.2	17.2	37.9	26.0	15.0	34.6	22.7	-	33.7	21.6	-	31.3	19.0	-
236.2	-	26.5	15.9	-	24.3	13.4	32.7	20.9	-	31.7	19.8	-	29.3	17.2	-
242.8	-	-	14.6	-	22.7	12.1	30.9	19.2	-	29.8	18.3	-	27.3	15.4	-
255.9	-	-	12.1	-	19.8	9.7	-	16.3	-	26.2	15.2	-	23.8	12.6	-
269.0	-	-	-	-	-	-	-	13.9	-	23.1	12.6	-	20.5	9.9	-
275.6	-	-	-	-	-	-	-	12.8	-	-	11.5	-	19.2	-	-
282.2	-	-	-	-	-	-	-	-	-	-	10.4	-	17.9	-	-
288.7	-	-	-	-	-	-	-	-	-	-	9.3	-	-	-	-

**Remarks**

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

# SW LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB

 27.6 ft
 
360°
DIN/ISO

177.2 ft

ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
	1,000 lb																	
52.5	366.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	310.9	-	-	308.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.6	269.0	-	-	266.8	-	-	264.6	-	-	-	-	-	-	-	-	-	-	-
72.2	235.9	-	-	233.7	-	-	231.5	-	-	229.3	-	-	-	-	-	-	-	-
78.7	210.5	-	-	208.3	-	-	206.1	-	-	203.9	-	-	201.7	-	-	-	-	-
85.3	188.5	-	-	187.4	-	-	185.2	-	-	183.0	-	-	180.8	-	-	178.6	-	-
91.9	170.9	-	-	169.8	-	-	167.6	-	-	165.3	-	-	163.1	-	-	160.9	-	-
98.4	156.5	133.4	-	154.3	-	-	153.2	-	-	149.9	-	-	148.8	-	-	146.6	-	-
105.0	-	122.4	-	142.7	119.0	-	141.1	-	-	138.3	-	-	136.7	-	-	134.5	-	-
111.5	-	112.4	-	131.2	110.0	-	129.0	-	-	126.8	-	-	124.6	-	-	122.4	-	-
118.1	-	104.3	-	-	101.9	-	120.2	99.0	-	117.9	-	-	116.1	-	-	113.6	-	-
124.7	-	97.0	-	-	94.6	-	111.3	91.9	-	109.1	89.3	-	107.6	-	-	104.9	-	-
131.2	-	90.4	-	-	88.0	-	104.3	85.3	-	102.0	82.9	-	100.4	-	-	97.9	-	-
137.8	-	-	68.3	-	82.2	-	97.2	79.8	-	94.8	77.2	-	93.3	75.0	-	90.8	-	-
144.4	-	-	63.7	-	76.9	-	-	74.5	-	89.2	72.1	-	87.6	69.7	-	85.1	66.1	-
150.9	-	-	59.5	-	-	56.2	-	69.9	-	83.6	67.2	-	82.0	64.8	-	79.4	61.3	-
164.0	-	-	-	-	-	49.2	-	61.9	45.4	-	58.9	-	72.5	56.4	-	70.1	53.1	-
177.2	-	-	-	-	-	43.4	-	-	39.9	-	52.0	36.6	-	49.6	-	62.2	46.1	-
183.7	-	-	-	-	-	-	-	-	37.3	-	48.9	34.2	-	46.5	-	59.0	43.2	-
190.3	-	-	-	-	-	-	-	-	35.1	-	-	32.0	-	43.7	29.3	55.8	40.3	-
203.4	-	-	-	-	-	-	-	-	-	-	-	27.8	-	38.8	25.1	-	35.5	21.6
216.5	-	-	-	-	-	-	-	-	-	-	-	24.5	-	-	21.8	-	31.3	18.1
223.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.3	-	29.3	16.5
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.7	-	-	15.2
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.6

ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
	1,000 lb														
91.9	159.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98.4	144.4	-	-	143.3	-	-	-	-	-	-	-	-	-	-	-
111.5	121.3	-	-	119.0	-	-	116.8	-	-	115.7	-	-	-	-	-
124.7	103.4	-	-	101.9	-	-	99.2	-	-	98.8	-	-	96.6	-	-
137.8	89.3	-	-	87.7	-	-	85.1	-	-	84.7	-	-	82.5	-	-
150.9	77.8	59.1	-	76.3	-	-	73.6	-	-	73.2	-	-	71.0	-	-
164.0	68.6	50.9	-	67.0	48.5	-	64.4	-	-	63.7	-	-	61.5	-	-
170.6	64.6	47.2	-	63.1	45.0	-	60.3	41.4	-	59.6	-	-	57.3	-	-
177.2	60.6	44.1	-	59.1	41.7	-	56.2	38.1	-	55.6	-	-	53.1	-	-
183.7	57.3	41.0	-	55.7	38.8	-	52.7	35.3	-	52.0	34.2	-	49.6	-	-
190.3	54.0	38.1	-	52.2	35.9	-	49.2	32.4	-	48.5	31.5	-	46.1	28.7	-
203.4	48.3	33.3	-	46.3	31.1	-	43.2	27.6	-	42.5	26.7	-	40.1	23.8	-
216.5	-	28.9	15.7	41.2	26.7	-	37.9	23.4	-	37.3	22.3	-	34.8	19.6	-
229.7	-	25.4	12.6	36.8	22.9	-	33.5	19.6	-	32.6	18.5	-	30.2	15.9	-
242.8	-	22.0	10.1	-	19.8	-	29.8	16.3	-	28.7	15.4	-	26.2	12.6	-
249.3	-	-	8.8	-	18.3	-	-	15.0	-	26.9	13.9	-	24.5	11.0	-
255.9	-	-	-	-	17.2	-	-	13.7	-	25.1	12.6	-	22.7	9.7	-
262.5	-	-	-	-	15.9	-	-	12.3	-	23.7	11.2	-	21.2	-	-
269.0	-	-	-	-	-	-	-	11.2	-	22.3	9.9	-	19.6	-	-
275.6	-	-	-	-	-	-	-	10.1	-	-	8.8	-	18.3	-	-
282.2	-	-	-	-	-	-	-	9.0	-	-	-	-	17.0	-	-

# 4

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

# SW LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB 27.6 ft 360° DIN/ISO

		78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
		85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
ft		1,000 lb																	
59.1	306.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.6	264.6	-	-	262.4	-	-	260.1	-	-	-	-	-	-	-	-	-	-	-	-
72.2	233.7	-	-	231.5	-	-	229.3	-	-	227.1	-	-	-	-	-	-	-	-	-
78.7	208.3	-	-	206.1	-	-	203.9	-	-	201.7	-	-	199.5	-	-	-	-	-	-
85.3	186.3	-	-	185.2	-	-	183.0	-	-	180.8	-	-	178.6	-	-	-	176.4	-	-
91.9	168.7	-	-	167.6	-	-	165.3	-	-	163.1	-	-	160.9	-	-	-	158.7	-	-
98.4	154.3	-	-	152.1	-	-	151.0	-	-	148.8	-	-	146.6	-	-	-	144.4	-	-
105.0	-	116.8	-	140.5	-	-	139.4	-	-	136.7	-	-	135.0	-	-	-	132.3	-	-
111.5	-	107.6	-	129.0	104.9	-	127.9	-	-	124.6	-	-	123.5	-	-	-	120.2	-	-
124.7	-	92.4	-	-	89.7	-	109.8	87.1	-	107.4	-	-	105.8	-	-	-	103.4	-	-
131.2	-	86.0	-	-	83.6	-	102.8	80.9	-	100.4	77.8	-	98.9	-	-	-	96.3	-	-
137.8	-	-	-	-	78.0	-	95.9	75.2	-	93.5	72.3	-	91.9	69.7	-	-	89.3	-	-
150.9	-	-	52.5	-	68.6	-	-	65.5	-	82.2	62.4	-	80.5	60.2	-	-	78.0	56.4	-
164.0	-	-	45.9	-	-	42.3	-	57.5	-	-	54.5	-	71.2	52.2	-	-	68.8	48.7	-
170.6	-	-	-	-	-	39.5	-	54.0	-	-	51.1	-	67.5	48.7	-	-	64.9	45.2	-
177.2	-	-	-	-	-	37.0	-	-	33.3	-	47.8	-	63.7	45.4	-	-	61.1	42.1	-
190.3	-	-	-	-	-	-	-	-	29.1	-	42.3	25.8	-	39.9	-	-	54.5	36.6	-
203.4	-	-	-	-	-	-	-	-	25.4	-	-	22.3	-	35.3	19.4	-	-	31.7	-
210.0	-	-	-	-	-	-	-	-	-	-	-	20.5	-	33.3	17.9	-	-	29.8	-
216.5	-	-	-	-	-	-	-	-	-	-	-	19.2	-	-	16.3	-	-	27.8	12.6
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.7	-	-	24.5	9.9
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.5	-	-	-	-
249.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

		196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft					
		85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°			
ft		1,000 lb																	
91.9	157.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98.4	142.2	-	-	141.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
111.5	119.0	-	-	117.9	-	-	114.6	-	-	110.2	-	-	-	-	-	-	-	-	-
124.7	101.9	-	-	100.3	-	-	97.4	-	-	97.0	-	-	94.8	-	-	-	-	-	-
137.8	87.7	-	-	86.2	-	-	83.6	-	-	83.1	-	-	80.9	-	-	-	-	-	-
150.9	76.5	-	-	75.0	-	-	72.3	-	-	71.9	-	-	69.7	-	-	-	-	-	-
157.5	71.9	50.0	-	70.3	-	-	67.7	-	-	67.1	-	-	64.8	-	-	-	-	-	-
164.0	67.2	46.5	-	65.7	-	-	63.1	-	-	62.4	-	-	60.0	-	-	-	-	-	-
170.6	63.4	43.0	-	61.7	40.6	-	59.0	-	-	58.3	-	-	55.9	-	-	-	-	-	-
177.2	59.5	39.9	-	57.8	37.5	-	54.9	34.0	-	54.2	-	-	51.8	-	-	-	-	-	-
183.7	56.2	37.0	-	54.3	34.6	-	51.4	31.1	-	50.7	30.2	-	48.3	-	-	-	-	-	-
190.3	52.9	34.4	-	50.9	32.0	-	47.8	28.4	-	47.2	27.6	-	44.8	-	-	-	-	-	-
196.9	49.9	31.7	-	48.0	29.5	-	44.9	26.0	-	44.2	25.1	-	41.8	22.3	-	-	-	-	-
203.4	47.0	29.5	-	45.0	27.3	-	41.9	23.8	-	41.2	22.9	-	38.8	20.1	-	-	-	-	-
216.5	-	25.6	-	39.9	23.1	-	36.8	19.8	-	36.2	18.7	-	33.5	15.9	-	-	-	-	-
229.7	-	22.0	-	35.5	19.8	-	32.4	16.3	-	31.5	15.2	-	29.1	12.3	-	-	-	-	-
242.8	-	19.0	-	-	16.8	-	28.4	13.2	-	27.6	12.1	-	25.1	9.5	-	-	-	-	-
249.3	-	17.6	-	-	15.2	-	-	11.9	-	25.9	10.8	-	23.4	-	-	-	-	-	-
255.9	-	-	-	-	14.1	-	-	10.6	-	24.3	9.5	-	21.6	-	-	-	-	-	-
262.5	-	-	-	-	12.8	-	-	9.3	-	22.7	-	-	20.1	-	-	-	-	-	-
269.0	-	-	-	-	11.9	-	-	-	-	21.2	-	-	18.5	-	-	-	-	-	-
282.2	-	-	-	-	-	-	-	-	-	-	-	-	15.9	-	-	-	-	-	-
288.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Remarks**

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

# SW LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB

 27.6 ft
 
360° DIN/ISO

216.5 ft

ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
	1,000 lb																	
59.1	299.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.6	262.4	-	-	260.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72.2	231.5	-	-	229.3	-	-	227.1	-	-	-	-	-	-	-	-	-	-	-
78.7	205.0	-	-	202.8	-	-	201.7	-	-	198.4	-	-	-	-	-	-	-	-
85.3	184.1	-	-	183.0	-	-	180.8	-	-	178.6	-	-	176.4	-	-	-	-	-
91.9	167.6	-	-	165.3	-	-	163.1	-	-	160.9	-	-	158.7	-	-	156.5	-	-
98.4	152.1	-	-	151.0	-	-	148.8	-	-	146.6	-	-	144.4	-	-	142.2	-	-
105.0	-	111.3	-	138.9	-	-	137.2	-	-	135.0	-	-	132.8	-	-	130.6	-	-
111.5	-	102.5	-	126.8	-	-	125.7	-	-	123.5	-	-	121.3	-	-	119.0	-	-
118.1	-	94.8	-	-	91.9	-	117.0	-	-	114.6	-	-	112.8	-	-	110.3	-	-
124.7	-	88.0	-	-	85.3	-	108.2	81.8	-	105.8	-	-	104.3	-	-	101.6	-	-
137.8	-	76.5	-	-	73.4	-	94.4	70.3	-	91.9	67.2	-	90.4	-	-	87.7	-	-
144.4	-	-	-	-	68.6	-	-	65.5	-	86.3	62.4	-	84.8	59.7	-	82.1	-	-
150.9	-	-	-	-	63.9	-	-	60.8	-	80.7	58.0	-	79.1	55.6	-	76.5	-	-
157.5	-	-	-	-	60.0	-	-	56.9	-	-	53.8	-	74.6	51.6	-	72.0	47.8	-
164.0	-	-	39.5	-	-	35.7	-	53.4	-	-	50.3	-	70.1	47.8	-	67.5	44.3	-
177.2	-	-	34.4	-	-	30.9	-	47.0	27.1	-	43.9	-	62.4	41.7	-	59.7	37.9	-
190.3	-	-	-	-	-	26.9	-	-	23.1	-	38.6	20.1	-	36.2	-	53.4	32.6	-
196.9	-	-	-	-	-	-	-	-	21.4	-	36.4	18.3	-	34.0	-	-	30.4	-
203.4	-	-	-	-	-	-	-	-	19.8	-	-	16.8	-	31.7	13.9	-	28.2	-
216.5	-	-	-	-	-	-	-	-	-	-	-	13.9	-	28.0	11.0	-	24.5	-
223.1	-	-	-	-	-	-	-	-	-	-	-	12.6	-	-	9.9	-	22.7	-
229.7	-	-	-	-	-	-	-	-	-	-	-	11.5	-	-	-	-	21.2	-
236.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.8	-
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

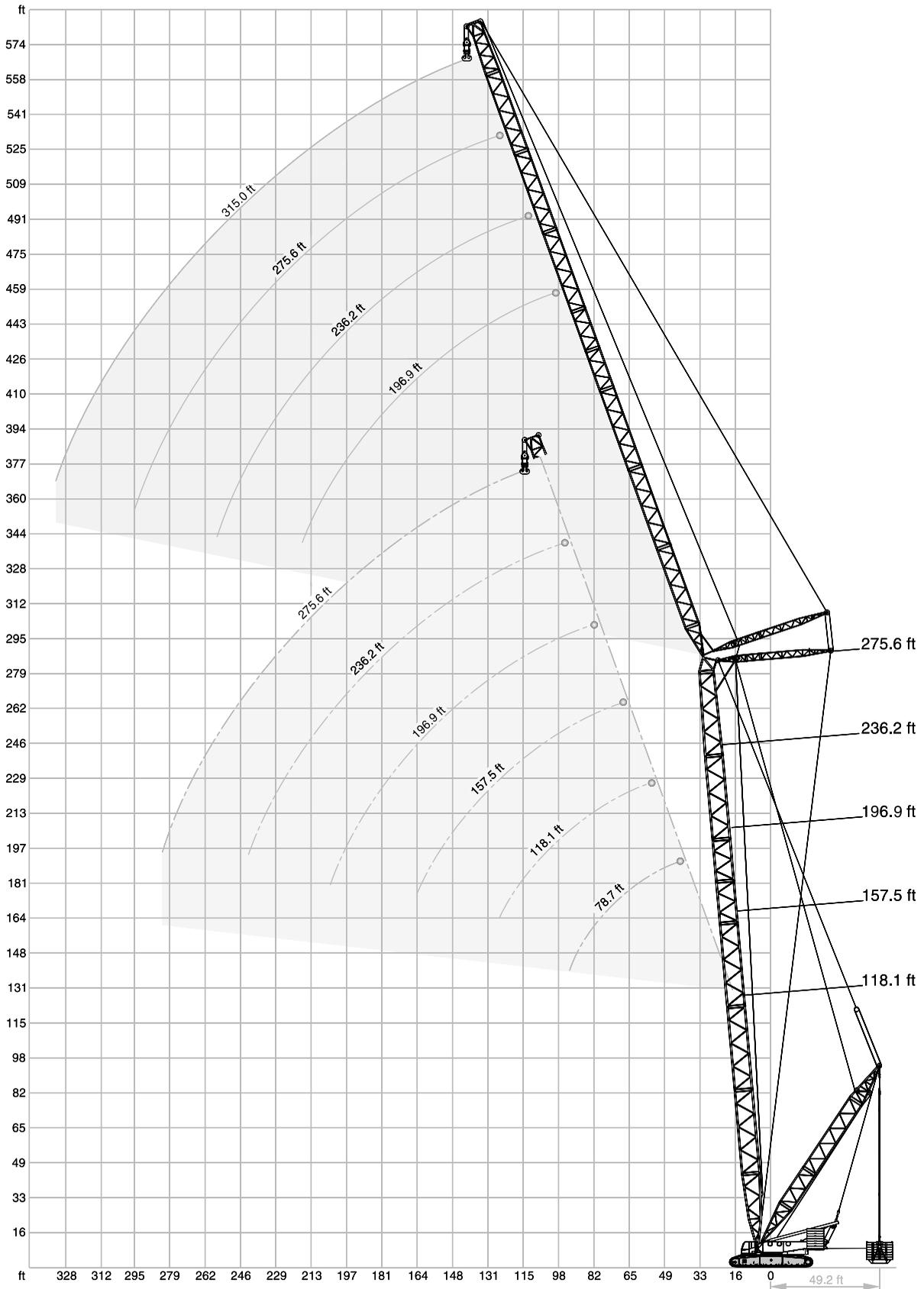
ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
	1,000 lb														
91.9	145.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98.4	140.0	-	-	127.9	-	-	-	-	-	-	-	-	-	-	-
111.5	116.8	-	-	115.7	-	-	112.4	-	-	97.0	-	-	-	-	-
124.7	100.3	-	-	98.5	-	-	95.9	-	-	95.2	-	-	86.0	-	-
137.8	86.4	-	-	84.7	-	-	82.0	-	-	81.6	-	-	79.4	-	-
150.9	75.2	-	-	73.4	-	-	70.8	-	-	70.3	-	-	68.1	-	-
164.0	65.9	42.1	-	64.4	-	-	61.5	-	-	60.8	-	-	58.4	-	-
170.6	62.1	38.8	-	60.4	36.4	-	57.4	-	-	56.8	-	-	54.3	-	-
177.2	58.2	35.7	-	56.4	33.5	-	53.4	-	-	52.7	-	-	50.3	-	-
183.7	54.9	33.1	-	53.0	30.6	-	49.9	27.1	-	49.3	-	-	46.8	-	-
190.3	51.6	30.4	-	49.6	28.2	-	46.5	24.5	-	45.9	23.6	-	43.4	-	-
203.4	45.6	26.0	-	43.7	23.8	-	40.6	20.1	-	39.9	19.2	-	37.5	16.3	-
216.5	40.8	22.0	-	38.6	19.8	-	35.5	16.3	-	34.8	15.4	-	32.4	12.3	-
229.7	-	18.7	-	34.4	16.5	-	31.1	13.0	-	30.4	11.9	-	27.8	9.0	-
242.8	-	15.9	-	-	13.7	-	27.3	10.1	-	26.5	9.0	-	24.0	-	-
249.3	-	14.6	-	-	12.3	-	25.7	-	-	24.8	-	-	22.3	-	-
255.9	-	-	-	-	11.0	-	24.0	-	-	23.1	-	-	20.5	-	-
269.0	-	-	-	-	9.0	-	-	-	-	20.1	-	-	17.4	-	-
282.2	-	-	-	-	-	-	-	-	-	-	-	-	14.8	-	-

# 4

**Remarks**

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

**SWSL WORKING RANGES**



# SWSL / SFSL15° / HSWSL LIFTING CAPACITIES

27.6 ft    36.1 – 49.2 ft    360°    DIN/ISO

118.1 ft + 78.7 ft

ft	SWSL					SFSL	HSWSL
	0 t	0 lb – 551,300 lb					
	396.8klb + 132.3klb ZB						
	352,700 lb						
	85°	85°	75°	65°	55°		85°
	1,000 lb						
52.5	403.4	661.4	-	-	-	661.4	-
59.1	341.7	661.4	-	-	-	661.4	-
65.6	297.6	661.4	-	-	-	661.4	-
72.2	260.1	634.9	-	-	-	623.9	-
78.7	231.5	546.7	-	-	-	579.8	-
85.3	209.4	471.8	535.7	-	-	542.3	-
91.9	189.6	401.2	502.7	-	-	509.3	-
98.4	-	-	471.8	-	-	478.4	-
111.5	-	-	421.1	385.8	-	407.9	-
131.2	-	-	-	337.3	-	331.8	-
137.8	-	-	-	-	297.6	310.9	-
150.9	-	-	-	-	280.0	271.2	-
164.0	-	-	-	-	-	229.3	-
177.2	-	-	-	-	-	198.4	-
190.3	-	-	-	-	-	-	-

118.1 ft + 118.1 ft

ft	1,000 lb					
	59.1	339.5	566.6	-	-	-
65.6	293.2	566.6	-	-	-	557.8
72.2	257.9	557.8	-	-	-	549.0
78.7	229.3	526.9	-	-	-	540.1
85.3	206.1	498.2	-	-	-	526.9
91.9	187.4	458.6	-	-	-	493.8
98.4	170.9	412.3	438.7	-	-	458.6
111.5	144.4	335.1	403.4	-	-	407.9
124.7	124.6	271.2	363.8	-	-	354.9
137.8	-	-	321.9	310.9	-	313.1
150.9	-	-	260.1	282.2	-	277.8
164.0	-	-	-	255.7	-	246.9
177.2	-	-	-	-	224.9	222.7
190.3	-	-	-	-	208.3	191.8
203.4	-	-	-	-	-	167.6
216.5	-	-	-	-	-	145.5

118.1 ft + 157.5 ft

ft	1,000 lb					
	72.2	253.5	412.3	-	-	-
78.7	224.9	412.3	-	-	-	410.1
85.3	202.8	412.3	-	-	-	407.9
91.9	183.0	396.8	-	-	-	403.4
98.4	166.4	379.2	-	-	-	399.0
111.5	141.1	343.9	-	-	-	361.6
118.1	131.2	321.9	337.3	-	-	345.0
124.7	121.3	299.8	337.3	-	-	328.5
137.8	105.8	255.7	297.6	-	-	304.2
150.9	93.5	219.4	264.6	-	-	277.8
164.0	83.1	185.2	240.3	246.9	-	249.1
177.2	-	-	215.0	229.3	-	224.9
190.3	-	-	180.8	210.5	-	202.8
196.9	-	-	-	201.7	190.7	194.0
210.0	-	-	-	186.3	180.8	174.2
223.1	-	-	-	-	167.6	152.1
229.7	-	-	-	-	-	141.1
255.9	-	-	-	-	-	108.0

118.1 ft + 196.9 ft

ft	SWSL					SFSL	HSWSL
	0 t	0 lb – 551,300 lb					
	396.8klb + 132.3klb ZB						
	352,700 lb						
	85°	85°	75°	65°	55°		85°
	1,000 lb						
85.3	198.4	295.4	-	-	-	-	-
91.9	179.7	295.4	-	-	-	295.4	-
98.4	163.1	295.4	-	-	-	293.2	-
111.5	136.7	282.2	-	-	-	293.2	-
124.7	116.8	262.4	-	-	-	286.6	-
137.8	102.1	242.5	257.9	-	-	273.4	-
150.9	89.5	220.5	246.9	-	-	255.7	-
164.0	79.1	198.4	224.9	-	-	231.5	-
177.2	70.5	173.1	211.6	-	-	207.2	-
183.7	66.9	162.0	205.0	190.7	-	198.4	-
190.3	63.3	151.0	195.1	190.7	-	189.6	-
203.4	57.1	129.0	172.0	176.4	-	178.6	-
216.5	-	-	149.9	162.0	-	167.6	-
229.7	-	-	127.9	151.0	151.0	154.3	-
242.8	-	-	-	140.0	144.4	136.7	-
249.3	-	-	-	134.5	138.9	129.0	-
255.9	-	-	-	-	134.5	121.3	-
262.5	-	-	-	-	129.0	114.6	-
269.0	-	-	-	-	-	110.2	-
282.2	-	-	-	-	-	94.8	-
295.3	-	-	-	-	-	81.6	-

118.1 ft + 236.2 ft

ft	1,000 lb					
	98.4	158.7	211.6	-	-	-
111.5	133.4	211.6	-	-	-	209.4
124.7	113.5	207.2	-	-	-	207.2
137.8	97.9	200.6	-	-	-	205.0
150.9	85.3	191.8	-	-	-	200.6
157.5	80.1	187.4	191.8	-	-	197.3
164.0	75.0	183.0	189.6	-	-	194.0
177.2	66.4	174.2	185.2	-	-	183.0
190.3	59.1	158.7	178.6	-	-	172.0
203.4	52.7	141.1	172.0	-	-	160.9
210.0	49.8	132.8	166.4	147.7	-	155.4
216.5	47.0	124.6	157.6	146.6	-	149.9
229.7	42.1	109.8	141.1	141.1	-	141.1
242.8	37.9	94.4	125.7	133.4	-	134.5
255.9	-	-	110.2	126.8	126.8	125.7
262.5	-	-	103.2	123.5	122.4	120.2
269.0	-	-	-	119.0	119.0	114.6
282.2	-	-	-	109.8	110.2	101.4
295.3	-	-	-	-	103.8	92.6
301.8	-	-	-	-	100.5	87.1
308.4	-	-	-	-	-	81.6
321.5	-	-	-	-	-	70.5
334.6	-	-	-	-	-	61.7

### Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1  
 For HSWSL a boom power-kit is required

# SWSL / SFSL 15° / HSWSL LIFTING CAPACITIES

 27.6 ft  36.1 – 49.2 ft

360°

DIN/ISO

 118.1 ft +  275.6 ft

ft	SWSL					SFSL	HSWSL
	0 t					0 lb – 551,300 lb	
	396.8 klb + 132.3 klb ZB					352,700 lb	
	85°	85°	75°	65°	55°		85°
	1,000 lb						
111.5	130.1	152.1	-	-	-	-	-
124.7	110.2	152.1	-	-	-	152.1	-
137.8	95.5	149.9	-	-	-	149.9	-
150.9	82.9	149.9	-	-	-	149.9	-
164.0	72.5	147.7	-	-	-	147.7	-
177.2	63.7	145.5	138.9	-	-	145.5	-
190.3	56.2	143.3	138.9	-	-	141.1	-
203.4	49.6	138.9	136.7	-	-	136.7	-
216.5	43.9	130.1	134.5	-	-	132.3	-
229.7	38.8	116.8	132.3	-	-	125.7	-
236.2	36.5	110.7	130.1	110.2	-	123.5	-
242.8	34.2	104.5	129.0	110.2	-	121.3	-
255.9	30.4	93.0	116.8	110.0	-	114.6	-
269.0	26.9	82.0	105.4	106.7	-	110.2	-
282.2	24.0	70.3	94.4	103.0	-	101.4	-
288.7	-	-	88.8	101.0	97.2	98.1	-
295.3	-	-	83.6	98.5	97.2	94.8	-
301.8	-	-	77.8	96.1	96.3	90.4	-
308.4	-	-	-	93.7	93.3	86.0	-
321.5	-	-	-	83.6	87.1	79.4	-
334.6	-	-	-	-	81.8	70.5	-
341.2	-	-	-	-	79.1	65.0	-
347.8	-	-	-	-	-	59.5	-
374.0	-	-	-	-	-	46.3	-
387.1	-	-	-	-	-	-	-

 157.5 ft +  78.7 ft

ft	1,000 lb						
52.5	399.0	654.8	-	-	-	657.0	-
59.1	337.3	654.8	-	-	-	657.0	-
65.6	293.2	646.0	-	-	-	654.8	-
72.2	255.7	617.3	-	-	-	652.6	-
78.7	229.3	584.2	-	-	-	621.7	-
85.3	206.1	504.9	-	-	-	573.2	-
91.9	187.4	432.1	509.3	-	-	520.3	-
98.4	170.9	357.1	480.6	-	-	474.0	-
111.5	-	-	412.3	-	-	401.2	-
124.7	-	-	361.6	-	-	346.1	-
131.2	-	-	-	326.3	-	325.2	-
150.9	-	-	-	277.8	-	269.0	-
164.0	-	-	-	-	-	240.3	-
177.2	-	-	-	-	-	216.1	-
190.3	-	-	-	-	-	194.0	-
216.5	-	-	-	-	-	145.5	-
229.7	-	-	-	-	-	-	-

 157.5 ft +  118.1 ft

ft	SWSL					SFSL	HSWSL
	0 t					0 lb – 551,300 lb	
	396.8 klb + 132.3 klb ZB					352,700 lb	
	85°	85°	75°	65°	55°		85°
	1,000 lb						
65.6	288.8	491.6	-	-	-	-	-
72.2	253.5	482.8	-	-	-	487.2	-
78.7	224.9	467.4	-	-	-	482.8	-
85.3	202.8	447.5	-	-	-	480.6	-
91.9	184.1	427.7	-	-	-	476.2	-
98.4	167.6	407.9	-	-	-	454.2	-
111.5	142.2	350.5	403.4	-	-	405.7	-
124.7	122.4	284.4	357.1	-	-	350.5	-
137.8	-	-	317.5	-	-	306.4	-
150.9	-	-	284.4	-	-	271.2	-
157.5	-	-	271.2	257.9	-	255.7	-
164.0	-	-	240.3	244.7	-	240.3	-
177.2	-	-	-	224.9	-	216.1	-
190.3	-	-	-	-	197.3	196.2	-
203.4	-	-	-	-	181.9	178.6	-
216.5	-	-	-	-	-	163.1	-
229.7	-	-	-	-	-	147.7	-
242.8	-	-	-	-	-	125.7	-
255.9	-	-	-	-	-	112.4	-

 157.5 ft +  157.5 ft

ft	1,000 lb						
78.7	220.5	357.1	-	-	-	-	-
85.3	198.4	357.1	-	-	-	357.1	-
91.9	179.7	352.7	-	-	-	357.1	-
98.4	163.1	346.1	-	-	-	357.1	-
111.5	137.8	328.5	-	-	-	352.7	-
124.7	117.9	299.8	-	-	-	328.5	-
131.2	110.7	282.2	308.6	-	-	315.3	-
137.8	103.4	264.6	308.6	-	-	302.0	-
150.9	91.1	224.9	280.0	-	-	273.4	-
164.0	80.9	190.7	253.5	-	-	242.5	-
177.2	-	-	231.5	219.4	-	218.3	-
190.3	-	-	205.0	201.7	-	196.2	-
196.9	-	-	187.4	192.9	-	187.4	-
203.4	-	-	-	186.3	-	178.6	-
223.1	-	-	-	166.4	157.6	156.5	-
229.7	-	-	-	-	152.1	149.9	-
242.8	-	-	-	-	142.2	136.7	-
255.9	-	-	-	-	-	125.7	-
269.0	-	-	-	-	-	110.2	-
282.2	-	-	-	-	-	94.8	-
295.3	-	-	-	-	-	83.8	-
301.8	-	-	-	-	-	-	-
308.4	-	-	-	-	-	-	-

## Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1  
For HSWSL a boom power-kit is required

# SWSL / SFSL15° / HSWSL LIFTING CAPACITIES

27.6 ft   
 36.1 – 49.2 ft   
 360°   
 DIN/ISO

157.5 ft + 196.9 ft

ft	SWSL					SFSL	HSWSL
	0 t      0 lb – 551,300 lb						
	396.8klb + 132.3klb ZB      352,700 lb						
	85°	85°	75°	65°	55°		85°
	1,000 lb						
91.9	175.3	264.6	-	-	-	-	-
98.4	159.8	264.6	-	-	-	264.6	-
111.5	134.5	257.9	-	-	-	264.6	-
124.7	114.6	246.9	-	-	-	264.6	-
137.8	99.4	233.7	-	-	-	257.9	-
150.9	87.1	216.1	242.5	-	-	251.3	-
164.0	76.9	200.6	231.5	-	-	235.9	-
177.2	68.3	177.5	209.4	-	-	216.1	-
190.3	61.3	154.3	191.8	-	-	198.4	-
203.4	55.1	132.3	176.4	179.7	-	178.6	-
216.5	-	-	163.1	167.6	-	163.1	-
229.7	-	-	143.3	155.4	-	149.9	-
236.2	-	-	132.3	149.9	-	143.3	-
242.8	-	-	-	144.4	-	136.7	-
249.3	-	-	-	140.0	132.3	131.2	-
255.9	-	-	-	135.6	127.9	125.7	-
262.5	-	-	-	131.2	123.5	121.3	-
269.0	-	-	-	-	120.2	116.8	-
282.2	-	-	-	-	112.4	108.0	-
288.7	-	-	-	-	110.0	101.4	-
295.3	-	-	-	-	-	94.8	-
308.4	-	-	-	-	-	81.6	-
321.5	-	-	-	-	-	72.8	-
334.6	-	-	-	-	-	61.7	-
347.8	-	-	-	-	-	-	-

157.5 ft + 275.6 ft

ft	SWSL					SFSL	HSWSL
	0 t      0 lb – 551,300 lb						
	396.8klb + 132.3klb ZB      352,700 lb						
	85°	85°	75°	65°	55°		85°
	1,000 lb						
111.5	126.8	141.1	-	-	-	-	-
124.7	108.0	141.1	-	-	-	141.1	-
137.8	92.8	138.9	-	-	-	138.9	-
150.9	80.5	136.7	-	-	-	138.9	-
164.0	70.3	134.5	-	-	-	138.9	-
177.2	61.7	132.3	-	-	-	136.7	-
183.7	57.9	132.3	127.9	-	-	135.6	-
190.3	54.0	132.3	127.9	-	-	134.5	-
203.4	47.4	130.1	127.9	-	-	130.1	-
216.5	41.7	127.9	127.9	-	-	125.7	-
229.7	36.6	117.9	127.9	-	-	121.3	-
242.8	32.4	105.8	127.9	-	-	116.8	-
249.3	30.4	100.0	127.9	102.1	-	113.5	-
255.9	28.4	94.1	124.6	102.1	-	110.2	-
269.0	25.1	82.9	112.4	102.1	-	105.8	-
282.2	22.3	71.4	101.2	101.2	-	97.0	-
295.3	-	-	90.2	99.4	-	92.6	-
308.4	-	-	79.1	96.8	89.1	88.2	-
321.5	-	-	-	92.6	86.0	83.8	-
334.6	-	-	-	84.9	80.9	77.2	-
347.8	-	-	-	-	76.5	68.3	-
360.9	-	-	-	-	72.3	59.5	-
374.0	-	-	-	-	-	50.7	-
387.1	-	-	-	-	-	46.3	-
400.3	-	-	-	-	-	37.5	-

157.5 ft + 236.2 ft

ft	1,000 lb					
111.5	130.1	191.8	-	-	-	191.8
124.7	110.2	189.6	-	-	-	189.6
137.8	95.5	183.0	-	-	-	189.6
150.9	83.1	176.4	-	-	-	187.4
164.0	72.8	169.8	174.2	-	-	183.0
177.2	64.4	163.1	174.2	-	-	178.6
190.3	57.1	156.5	172.0	-	-	169.8
203.4	50.5	143.3	169.8	-	-	160.9
216.5	45.0	126.8	158.7	-	-	149.9
229.7	40.1	111.3	147.7	136.7	-	138.9
242.8	35.7	96.1	135.6	135.6	-	134.5
255.9	-	-	120.2	130.1	-	125.7
269.0	-	-	105.4	122.4	-	114.6
275.6	-	-	97.4	117.9	-	110.2
282.2	-	-	-	114.6	107.8	105.8
295.3	-	-	-	108.5	101.4	99.2
301.8	-	-	-	104.5	98.3	94.8
308.4	-	-	-	-	95.7	90.4
321.5	-	-	-	-	90.4	79.4
328.1	-	-	-	-	88.2	73.9
334.6	-	-	-	-	-	68.3
347.8	-	-	-	-	-	59.5
360.9	-	-	-	-	-	52.9
374.0	-	-	-	-	-	44.1
387.1	-	-	-	-	-	-

196.9 ft + 78.7 ft

ft	1,000 lb					
55.8	-	-	-	-	-	599.7
59.1	330.7	544.5	-	-	-	549.0
65.6	286.6	524.7	-	-	-	544.5
72.2	251.3	502.7	-	-	-	542.3
78.7	224.9	480.6	-	-	-	540.1
85.3	201.7	454.2	-	-	-	524.7
91.9	183.0	425.5	-	-	-	498.2
98.4	167.6	401.2	-	-	-	469.6
105.0	-	-	434.3	-	-	433.2
111.5	-	-	403.4	-	-	396.8
124.7	-	-	352.7	-	-	341.7
131.2	-	-	332.9	-	-	319.7
144.4	-	-	-	280.0	-	280.0
150.9	-	-	-	266.8	-	262.4
164.0	-	-	-	240.3	-	233.7
177.2	-	-	-	-	-	209.4
183.7	-	-	-	-	199.5	198.4
190.3	-	-	-	-	190.7	187.4
196.9	-	-	-	-	183.0	178.6
203.4	-	-	-	-	-	169.8
216.5	-	-	-	-	-	154.3
229.7	-	-	-	-	-	141.1
242.8	-	-	-	-	-	121.3
255.9	-	-	-	-	-	103.6
269.0	-	-	-	-	-	-

# 4

Remarks: see page 46

# SWSL / SFSL 15° / HSWSL LIFTING CAPACITIES

27.6 ft 36.1 – 49.2 ft 360° DIN/ISO

196.9 ft + 118.1 ft

ft	SWSL					SFSL	HSWSL
	85°	85°	75°	65°	55°		85°
	0 t 0 lb – 551,300 lb						
	396.8 klb + 132.3 klb ZB 352,700 lb						
	1,000 lb						
65.6	282.2	399.0	-	-	-	-	432.1
72.2	249.1	399.0	-	-	-	394.6	425.5
78.7	220.5	388.0	-	-	-	392.4	414.5
85.3	198.4	377.0	-	-	-	392.4	403.4
91.9	179.7	363.8	-	-	-	392.4	390.2
98.4	164.2	352.7	-	-	-	392.4	377.0
111.5	138.9	328.5	-	-	-	374.8	350.5
124.7	119.0	302.0	348.3	-	-	343.9	302.0
137.8	104.7	240.3	308.6	-	-	299.8	240.3
150.9	-	-	277.8	-	-	264.6	-
164.0	-	-	251.3	-	-	235.9	-
170.6	-	-	238.1	222.7	-	223.8	-
177.2	-	-	-	213.8	-	211.6	-
190.3	-	-	-	197.3	-	189.6	-
203.4	-	-	-	181.9	-	172.0	-
216.5	-	-	-	-	157.6	156.5	-
229.7	-	-	-	-	146.6	141.1	-
236.2	-	-	-	-	142.2	135.6	-
242.8	-	-	-	-	-	130.1	-
255.9	-	-	-	-	-	119.0	-
269.0	-	-	-	-	-	105.8	-
282.2	-	-	-	-	-	90.4	-
295.3	-	-	-	-	-	-	-

196.9 ft + 196.9 ft

ft	SWSL					SFSL	HSWSL
	85°	85°	75°	65°	55°		85°
	0 t 0 lb – 551,300 lb						
	396.8 klb + 132.3 klb ZB 352,700 lb						
	1,000 lb						
91.9	172.0	224.9	-	-	-	-	240.3
98.4	155.4	224.9	-	-	-	224.9	238.1
111.5	130.1	222.7	-	-	-	224.9	229.3
124.7	111.3	216.1	-	-	-	224.9	219.4
137.8	96.8	209.4	-	-	-	222.7	205.0
150.9	84.7	200.6	-	-	-	220.5	190.7
157.5	79.6	195.1	211.6	-	-	220.5	183.5
164.0	74.5	189.6	211.6	-	-	220.5	176.4
177.2	66.1	180.8	207.2	-	-	205.0	165.3
190.3	59.1	160.9	198.4	-	-	191.8	154.3
203.4	53.1	138.9	185.2	-	-	174.2	138.9
216.5	-	-	170.9	158.7	-	158.7	-
229.7	-	-	158.7	146.6	-	143.3	-
242.8	-	-	138.9	136.7	-	132.3	-
255.9	-	-	-	127.9	-	119.0	-
269.0	-	-	-	120.2	-	110.2	-
282.2	-	-	-	112.4	104.1	101.4	-
295.3	-	-	-	-	97.9	92.6	-
308.4	-	-	-	-	92.4	83.8	-
321.5	-	-	-	-	-	77.2	-
334.6	-	-	-	-	-	66.1	-
347.8	-	-	-	-	-	57.3	-
360.9	-	-	-	-	-	48.5	-

196.9 ft + 157.5 ft

ft	1,000 lb					HSWSL
	85°	85°	75°	65°	55°	
78.7	217.2	297.6	-	-	-	319.7
85.3	194.0	297.6	-	-	-	317.5
91.9	175.3	297.6	-	-	-	310.9
98.4	159.8	291.0	-	-	-	304.2
111.5	134.5	277.8	-	-	-	288.8
124.7	115.7	262.4	-	-	-	271.2
137.8	100.8	249.1	275.6	-	-	253.5
150.9	88.6	235.9	271.2	-	-	231.5
164.0	78.5	201.7	246.9	-	-	201.7
177.2	70.3	165.3	224.9	-	-	165.3
190.3	-	-	206.1	-	-	191.8
196.9	-	-	197.3	184.1	-	183.0
203.4	-	-	189.6	176.4	-	174.2
210.0	-	-	180.8	169.8	-	165.3
216.5	-	-	-	163.1	-	156.5
229.7	-	-	-	152.1	-	143.3
242.8	-	-	-	142.2	132.3	130.1
255.9	-	-	-	-	123.5	119.0
269.0	-	-	-	-	115.7	110.2
282.2	-	-	-	-	-	101.4
295.3	-	-	-	-	-	92.6
308.4	-	-	-	-	-	79.4
321.5	-	-	-	-	-	66.1

196.9 ft + 236.2 ft

ft	1,000 lb					HSWSL
	85°	85°	75°	65°	55°	
105.0	-	-	-	-	-	174.2
111.5	126.8	169.8	-	-	-	169.8
124.7	107.6	167.6	-	-	-	169.8
137.8	92.6	163.1	-	-	-	169.8
150.9	80.5	158.7	-	-	-	167.6
164.0	70.3	154.3	-	-	-	165.3
177.2	61.9	149.9	156.5	-	-	163.1
190.3	54.5	145.5	156.5	-	-	158.7
203.4	48.1	138.9	156.5	-	-	152.1
216.5	42.5	131.2	152.1	-	-	143.3
229.7	37.7	115.7	141.1	-	-	136.7
242.8	33.5	101.2	132.3	123.5	-	127.9
255.9	-	-	123.5	122.4	-	119.0
269.0	-	-	114.6	114.6	-	110.2
282.2	-	-	102.7	108.0	-	101.4
295.3	-	-	-	101.6	-	92.6
308.4	-	-	-	95.7	85.8	83.8
315.0	-	-	-	93.3	83.1	80.5
321.5	-	-	-	-	80.7	77.2
334.6	-	-	-	-	76.1	70.5
347.8	-	-	-	-	71.9	63.9
360.9	-	-	-	-	-	55.1
374.0	-	-	-	-	-	46.3
387.1	-	-	-	-	-	37.5
400.3	-	-	-	-	-	33.1

### Remarks

Main boom angle 85°, 75°, 65° and 55°;  
 capacities for intermediate boom positions are calculated by the crane control system IC-1  
 For HSWSL a boom power-kit is required

# SWSL / SFSL15° / HSWSL LIFTING CAPACITIES

27.6 ft   
 36.1 – 49.2 ft   
 360°   
 DIN/ISO

**196.9 ft + 275.6 ft**

ft	SWSL					SFSL	HSWSL	
	0 t    0 lb – 551,300 lb							
	396.8klb + 132.3klb ZB    352,700 lb							
	85°	85°	75°	65°	55°		85°	
	1,000 lb							
114.8	-	-	-	-	-	-	127.9	
124.7	104.9	125.7	-	-	-	125.7	126.8	
137.8	89.9	125.7	-	-	-	125.7	124.6	
150.9	77.8	123.5	-	-	-	125.7	122.4	
164.0	67.7	121.3	-	-	-	125.7	120.2	
177.2	58.9	119.0	-	-	-	123.5	116.8	
190.3	51.4	116.8	-	-	-	121.3	114.6	
203.4	45.0	114.6	114.6	-	-	121.3	111.3	
216.5	39.2	112.4	114.6	-	-	116.8	108.9	
229.7	34.4	108.0	114.6	-	-	112.4	104.5	
242.8	30.2	105.8	114.6	-	-	110.2	100.1	
255.9	26.5	97.0	114.6	-	-	105.8	95.7	
269.0	23.1	86.4	112.4	91.9	-	101.4	86.4	
282.2	20.3	75.4	105.8	91.9	-	97.0	75.4	
295.3	-	-	99.2	91.9	-	92.6	-	
308.4	-	-	88.2	91.7	-	83.8	-	
321.5	-	-	77.4	86.2	-	77.2	-	
334.6	-	-	-	81.4	71.2	70.5	-	
347.8	-	-	-	76.7	67.0	63.9	-	
354.3	-	-	-	74.7	65.0	60.6	-	
360.9	-	-	-	-	63.1	57.3	-	
374.0	-	-	-	-	59.5	52.9	-	
387.1	-	-	-	-	56.4	46.3	-	
400.3	-	-	-	-	-	37.5	-	
413.4	-	-	-	-	-	30.9	-	
426.5	-	-	-	-	-	26.5	-	
439.6	-	-	-	-	-	19.8	-	

**236.2 ft + 118.1 ft**

ft	SWSL					SFSL	HSWSL	
	0 t    0 lb – 551,300 lb							
	396.8klb + 132.3klb ZB    352,700 lb							
	85°	85°	75°	65°	55°		85°	
	1,000 lb							
72.2	242.5	306.4	-	-	-	-	359.4	
78.7	216.1	302.0	-	-	-	304.2	350.5	
85.3	194.0	295.4	-	-	-	304.2	339.5	
91.9	175.3	286.6	-	-	-	304.2	330.7	
98.4	159.8	277.8	-	-	-	304.2	319.7	
111.5	134.5	262.4	-	-	-	299.8	299.8	
124.7	115.7	246.9	-	-	-	291.0	280.0	
131.2	108.7	241.4	284.4	-	-	285.5	269.0	
137.8	101.6	235.9	284.4	-	-	280.0	257.9	
141.1	-	-	280.0	-	-	275.0	242.5	
150.9	-	-	269.0	-	-	260.1	-	
164.0	-	-	242.5	-	-	229.3	-	
177.2	-	-	222.7	-	-	205.0	-	
190.3	-	-	-	186.3	-	183.0	-	
203.4	-	-	-	172.0	-	165.3	-	
216.5	-	-	-	158.7	-	149.9	-	
223.1	-	-	-	153.2	-	142.2	-	
236.2	-	-	-	-	130.1	129.0	-	
242.8	-	-	-	-	125.7	123.5	-	
255.9	-	-	-	-	117.9	112.4	-	
269.0	-	-	-	-	-	101.4	-	
282.2	-	-	-	-	-	92.6	-	
295.3	-	-	-	-	-	83.8	-	
308.4	-	-	-	-	-	70.5	-	
321.5	-	-	-	-	-	59.5	-	

**236.2 ft + 78.7 ft**

ft	SWSL					SFSL	HSWSL	
	0 t    0 lb – 551,300 lb							
	396.8klb + 132.3klb ZB    352,700 lb							
	85°	85°	75°	65°	55°		85°	
	1,000 lb							
59.1	324.1	407.9	-	-	-	-	478.4	
65.6	280.0	407.9	-	-	-	410.1	471.8	
72.2	246.9	385.8	-	-	-	405.7	451.9	
78.7	219.4	370.4	-	-	-	405.7	434.3	
85.3	197.3	357.1	-	-	-	405.7	414.5	
91.9	178.6	346.1	-	-	-	401.2	399.0	
98.4	163.1	335.1	-	-	-	388.0	381.4	
111.5	-	-	370.4	-	-	374.8	-	
124.7	-	-	343.9	-	-	335.1	-	
137.8	-	-	304.2	-	-	291.0	-	
144.4	-	-	288.8	-	-	273.4	-	
164.0	-	-	-	229.3	-	227.1	-	
177.2	-	-	-	209.4	-	202.8	-	
183.7	-	-	-	200.6	-	191.8	-	
190.3	-	-	-	-	-	180.8	-	
203.4	-	-	-	-	-	163.1	-	
216.5	-	-	-	-	-	147.7	-	
229.7	-	-	-	-	-	134.5	-	
242.8	-	-	-	-	-	121.3	-	
255.9	-	-	-	-	-	110.2	-	
269.0	-	-	-	-	-	97.0	-	
282.2	-	-	-	-	-	83.8	-	
295.3	-	-	-	-	-	-	-	

**236.2 ft + 157.5 ft**

ft	SWSL					SFSL	HSWSL	
	0 t    0 lb – 551,300 lb							
	396.8klb + 132.3klb ZB    352,700 lb							
	85°	85°	75°	65°	55°		85°	
	1,000 lb							
82.0	-	-	-	-	-	-	271.2	
85.3	189.6	233.7	-	-	-	-	271.2	
91.9	170.9	233.7	-	-	-	233.7	264.6	
98.4	155.4	231.5	-	-	-	233.7	260.1	
111.5	131.2	222.7	-	-	-	233.7	249.1	
124.7	112.4	213.8	-	-	-	233.7	235.9	
137.8	97.7	202.8	-	-	-	233.7	224.9	
150.9	85.8	194.0	227.1	-	-	233.7	212.7	
164.0	75.8	185.2	222.7	-	-	222.7	200.6	
177.2	67.7	176.4	207.2	-	-	207.2	176.4	
190.3	-	-	196.2	-	-	185.2	-	
203.4	-	-	184.1	-	-	167.6	-	
216.5	-	-	169.8	154.3	-	152.1	-	
229.7	-	-	-	143.3	-	136.7	-	
242.8	-	-	-	133.4	-	125.7	-	
255.9	-	-	-	125.7	-	114.6	-	
269.0	-	-	-	-	105.8	103.6	-	
282.2	-	-	-	-	99.2	94.8	-	
295.3	-	-	-	-	93.5	86.0	-	
308.4	-	-	-	-	-	77.2	-	
321.5	-	-	-	-	-	70.5	-	
334.6	-	-	-	-	-	61.7	-	
347.8	-	-	-	-	-	50.7	-	
360.9	-	-	-	-	-	41.9	-	
374.0	-	-	-	-	-	-	-	

# 4

Remarks: see page 46

# SWSL / SFSL15° / HSWSL LIFTING CAPACITIES

27.6 ft 36.1 – 49.2 ft 360° DIN/ISO

236.2 ft + 196.9 ft

ft	SWSL					SFSL	HSWSL
	85°	85°	75°	65°	55°		85°
	0 t / 0 lb – 551,300 lb						
	396.8 klb + 132.3 klb ZB / 352,700 lb						
	1,000 lb						
95.1	-	-	-	-	-	-	206.1
98.4	151.0	180.8	-	-	-	-	206.1
111.5	126.8	178.6	-	-	-	180.8	199.5
124.7	108.5	174.2	-	-	-	180.8	192.9
137.8	93.7	167.6	-	-	-	180.8	185.2
150.9	81.8	160.9	-	-	-	180.8	176.4
164.0	71.9	156.5	-	-	-	180.8	168.7
170.6	67.8	154.3	174.2	-	-	179.7	164.2
177.2	63.7	152.1	174.2	-	-	178.6	159.8
190.3	56.7	145.5	174.2	-	-	169.8	148.8
203.4	50.5	141.1	169.8	-	-	158.7	140.0
216.5	45.0	122.4	163.1	-	-	149.9	122.4
219.8	-	-	160.9	-	-	147.2	115.7
229.7	-	-	153.2	-	-	138.9	-
236.2	-	-	147.7	133.4	-	132.3	-
242.8	-	-	143.3	127.9	-	125.7	-
255.9	-	-	133.4	120.2	-	114.6	-
269.0	-	-	-	112.4	-	103.6	-
282.2	-	-	-	105.6	-	94.8	-
295.3	-	-	-	99.6	86.6	86.0	-
308.4	-	-	-	-	81.4	77.2	-
321.5	-	-	-	-	76.7	70.5	-
334.6	-	-	-	-	72.5	63.9	-
347.8	-	-	-	-	-	57.3	-
360.9	-	-	-	-	-	48.5	-
374.0	-	-	-	-	-	41.9	-
387.1	-	-	-	-	-	33.1	-
400.3	-	-	-	-	-	28.7	-
413.4	-	-	-	-	-	-	-
426.5	-	-	-	-	-	-	-
439.6	-	-	-	-	-	-	-

236.2 ft + 236.2 ft

ft	SWSL					SFSL	HSWSL
	85°	85°	75°	65°	55°		85°
	0 t / 0 lb – 551,300 lb						
	396.8 klb + 132.3 klb ZB / 352,700 lb						
	1,000 lb						
108.3	-	-	-	-	-	-	154.3
111.5	122.4	138.9	-	-	-	-	154.3
124.7	104.1	138.9	-	-	-	138.9	151.0
137.8	89.3	134.5	-	-	-	138.9	146.6
150.9	77.4	132.3	-	-	-	138.9	142.2
164.0	67.7	127.9	-	-	-	138.9	136.7
177.2	58.9	123.5	-	-	-	138.9	132.3
190.3	51.6	119.0	132.3	-	-	134.5	126.8
203.4	45.4	116.8	132.3	-	-	130.1	121.3
216.5	39.9	112.4	132.3	-	-	123.5	115.7
229.7	35.3	105.8	130.1	-	-	119.0	111.3
242.8	31.1	99.2	130.1	-	-	114.6	105.4
255.9	27.8	89.5	127.9	-	-	108.0	89.5
262.5	-	-	124.6	105.2	-	105.8	-
269.0	-	-	120.2	105.2	-	103.6	-
282.2	-	-	113.5	99.9	-	94.8	-
295.3	-	-	99.2	93.5	-	86.0	-
308.4	-	-	-	87.7	-	77.2	-
321.5	-	-	-	82.5	-	70.5	-
328.1	-	-	-	80.2	67.7	66.1	-
334.6	-	-	-	78.0	65.5	61.7	-
347.8	-	-	-	-	61.7	57.3	-
360.9	-	-	-	-	58.2	50.7	-
367.5	-	-	-	-	56.7	48.5	-
374.0	-	-	-	-	-	46.3	-
387.1	-	-	-	-	-	37.5	-
400.3	-	-	-	-	-	30.9	-
413.4	-	-	-	-	-	24.3	-
426.5	-	-	-	-	-	19.8	-
439.6	-	-	-	-	-	13.2	-
452.8	-	-	-	-	-	-	-

## Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1  
For HSWSL a boom power-kit is required

# SWSL / SFSL15° / HSWSL LIFTING CAPACITIES

27.6 ft   
 36.1 – 49.2 ft
 
360°
DIN/ISO

236.2 ft + 275.6 ft

ft	SWSL					SFSL	HSWSL
	85°	85°	75°	65°	55°	85°	
	0 t      0 lb – 551,300 lb						
	396.8klb + 132.3klb ZB      352,700 lb						
	1,000 lb						
118.1	-	-	-	-	-	-	115.7
124.7	101.4	105.8	-	-	-	-	115.7
137.8	86.6	105.8	-	-	-	105.8	112.4
150.9	74.7	103.6	-	-	-	105.8	111.3
164.0	64.6	101.4	-	-	-	105.8	108.9
177.2	56.0	101.4	-	-	-	105.8	106.3
190.3	48.5	99.2	-	-	-	105.8	103.6
203.4	42.3	97.0	99.2	-	-	103.6	101.0
216.5	36.8	94.8	99.2	-	-	101.4	98.3
229.7	32.0	92.6	99.2	-	-	99.2	95.5
242.8	27.8	88.2	99.2	-	-	97.0	92.4
255.9	24.0	86.0	97.0	-	-	92.6	89.3
269.0	20.9	83.8	94.8	-	-	90.4	86.4
282.2	18.1	77.2	92.6	77.2	-	83.8	78.5
295.3	15.7	66.6	92.6	76.9	-	77.2	66.6
308.4	-	-	88.2	76.9	-	75.0	-
321.5	-	-	83.8	76.9	-	70.5	-
334.6	-	-	74.7	73.2	-	63.9	-
347.8	-	-	-	69.0	-	57.3	-
354.3	-	-	-	67.0	54.9	54.0	-
360.9	-	-	-	65.0	53.4	50.7	-
374.0	-	-	-	61.5	50.0	46.3	-
387.1	-	-	-	-	47.0	41.9	-
400.3	-	-	-	-	44.3	35.3	-
406.8	-	-	-	-	43.0	33.1	-
413.4	-	-	-	-	-	30.9	-
426.5	-	-	-	-	-	24.3	-
439.6	-	-	-	-	-	17.6	-
452.8	-	-	-	-	-	13.2	-
465.9	-	-	-	-	-	8.8	-
479.0	-	-	-	-	-	-	-

275.6 ft + 118.1 ft

ft	SWSL					SFSL	HSWSL
	85°	85°	75°	65°	55°	85°	
	0 t      0 lb – 551,300 lb						
	396.8klb + 132.3klb ZB      352,700 lb						
	1,000 lb						
75.5	-	-	-	-	-	-	284.4
78.7	209.4	231.5	-	-	-	231.5	284.4
85.3	188.5	224.9	-	-	-	231.5	275.6
91.9	169.8	218.3	-	-	-	229.3	269.0
98.4	155.4	211.6	-	-	-	229.3	260.1
111.5	131.2	200.6	-	-	-	229.3	244.7
124.7	112.4	191.8	-	-	-	227.1	231.5
137.8	98.1	183.0	-	-	-	224.9	218.3
144.4	-	-	220.5	-	-	221.6	211.6
150.9	-	-	220.5	-	-	218.3	-
164.0	-	-	209.4	-	-	202.8	-
177.2	-	-	198.4	-	-	189.6	-
190.3	-	-	189.6	-	-	178.6	-
203.4	-	-	-	160.9	-	158.7	-
216.5	-	-	-	148.8	-	143.3	-
229.7	-	-	-	138.9	-	130.1	-
236.2	-	-	-	133.4	-	123.5	-
242.8	-	-	-	-	-	116.8	-
255.9	-	-	-	-	-	105.8	-
262.5	-	-	-	-	101.9	100.3	-
269.0	-	-	-	-	98.8	94.8	-
275.6	-	-	-	-	95.7	89.3	-
282.2	-	-	-	-	-	83.8	-
295.3	-	-	-	-	-	77.2	-
308.4	-	-	-	-	-	68.3	-
321.5	-	-	-	-	-	59.5	-
334.6	-	-	-	-	-	50.7	-
347.8	-	-	-	-	-	41.9	-
360.9	-	-	-	-	-	33.1	-
374.0	-	-	-	-	-	-	-
387.1	-	-	-	-	-	-	-

**Remarks**

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1  
 For HSWSL a boom power-kit is required



# SWSL / SFSL 15° / HSWSL LIFTING CAPACITIES

 27.6 ft  36.1 – 49.2 ft

360°

DIN/ISO

 275.6 ft +  157.5 ft

 275.6 ft +  196.9 ft

ft	SWSL					SFSL	HSWSL
	85°	85°	75°	65°	55°		85°
	0 t / 0 lb – 551,300 lb						
	396.8 klb + 132.3 klb ZB / 352,700 lb						
	1,000 lb						
85.3	176.4	179.7	-	-	-	-	220.5
91.9	166.4	179.7	-	-	-	178.6	219.4
98.4	151.0	174.2	-	-	-	178.6	215.0
111.5	126.8	167.6	-	-	-	178.6	205.0
124.7	108.7	158.7	-	-	-	178.6	195.1
137.8	94.4	152.1	-	-	-	176.4	186.3
150.9	82.5	145.5	-	-	-	174.2	177.5
157.5	77.7	143.3	172.0	-	-	174.2	173.1
164.0	73.0	141.1	172.0	-	-	174.2	168.7
177.2	65.0	134.5	169.8	-	-	165.3	159.8
183.7	-	-	167.6	-	-	160.9	156.5
190.3	-	-	163.1	-	-	156.5	-
203.4	-	-	158.7	-	-	147.7	-
216.5	-	-	149.9	-	-	138.9	-
229.7	-	-	143.3	133.4	-	132.3	-
242.8	-	-	-	124.6	-	119.0	-
255.9	-	-	-	115.7	-	108.0	-
269.0	-	-	-	109.3	-	97.0	-
275.6	-	-	-	106.0	-	91.5	-
282.2	-	-	-	-	-	86.0	-
288.7	-	-	-	-	83.8	81.6	-
295.3	-	-	-	-	81.1	77.2	-
308.4	-	-	-	-	76.3	70.5	-
315.0	-	-	-	-	74.3	67.2	-
321.5	-	-	-	-	-	63.9	-
334.6	-	-	-	-	-	57.3	-
347.8	-	-	-	-	-	48.5	-
360.9	-	-	-	-	-	41.9	-
374.0	-	-	-	-	-	33.1	-
387.1	-	-	-	-	-	26.5	-
400.3	-	-	-	-	-	19.8	-

ft	SWSL					SFSL	HSWSL
	85°	85°	75°	65°	55°		85°
	0 t / 0 lb – 551,300 lb						
	396.8 klb + 132.3 klb ZB / 352,700 lb						
	1,000 lb						
98.4	135.6	141.1	-	-	-	-	169.8
111.5	122.4	141.1	-	-	-	136.7	165.3
124.7	104.7	136.7	-	-	-	136.7	159.8
137.8	90.2	130.1	-	-	-	136.7	154.3
150.9	78.5	125.7	-	-	-	136.7	147.7
164.0	69.0	121.3	-	-	-	136.7	142.2
177.2	60.6	114.6	132.3	-	-	136.7	135.6
190.3	53.6	110.2	132.3	-	-	134.5	130.1
203.4	47.4	105.8	130.1	-	-	127.9	124.6
216.5	42.3	101.4	127.9	-	-	123.5	119.0
223.1	-	-	125.7	-	-	120.2	115.7
229.7	-	-	123.5	-	-	116.8	-
242.8	-	-	119.0	-	-	112.4	-
255.9	-	-	114.6	102.3	-	105.8	-
269.0	-	-	108.0	100.8	-	97.0	-
282.2	-	-	-	96.3	-	88.2	-
295.3	-	-	-	90.4	-	79.4	-
308.4	-	-	-	85.1	-	70.5	-
315.0	-	-	-	82.7	-	67.2	-
321.5	-	-	-	-	65.0	63.9	-
334.6	-	-	-	-	61.1	57.3	-
347.8	-	-	-	-	57.5	50.7	-
354.3	-	-	-	-	56.0	47.4	-
360.9	-	-	-	-	-	44.1	-
374.0	-	-	-	-	-	37.5	-
387.1	-	-	-	-	-	30.9	-
400.3	-	-	-	-	-	24.3	-
413.4	-	-	-	-	-	17.6	-
426.5	-	-	-	-	-	13.2	-
439.6	-	-	-	-	-	-	-
452.8	-	-	-	-	-	-	-

## Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1  
For HSWSL a boom power-kit is required

# SWSL / SFSL15° / HSWSL LIFTING CAPACITIES

27.6 ft
36.1 – 49.2 ft
360°
DIN/ISO

275.6 ft + 236.2 ft

	SWSL					SFSL	HSWSL
	0 lb – 551,300 lb						
	352,700 lb						
	85°	85°	75°	65°	55°		85°
ft	1,000 lb						
111.5	105.8	108.0	-	-	-	-	129.0
124.7	100.1	108.0	-	-	-	105.8	126.8
137.8	85.8	105.8	-	-	-	105.8	122.4
150.9	74.1	103.6	-	-	-	105.8	119.0
164.0	63.9	99.2	-	-	-	105.8	115.7
177.2	55.6	97.0	-	-	-	105.8	111.3
190.3	48.5	92.6	-	-	-	105.8	108.0
196.9	45.4	91.5	103.6	-	-	105.8	106.0
203.4	42.3	90.4	103.6	-	-	105.8	104.1
216.5	37.0	86.0	101.4	-	-	101.4	100.3
229.7	32.4	83.8	101.4	-	-	99.2	96.3
242.8	28.4	81.6	99.2	-	-	97.0	92.6
255.9	25.1	79.4	97.0	-	-	92.6	88.8
259.2	-	-	95.9	-	-	90.9	87.7
269.0	-	-	94.8	-	-	86.0	-
275.6	-	-	92.6	78.0	-	81.6	-
282.2	-	-	90.4	78.0	-	77.2	-
295.3	-	-	88.2	77.4	-	75.0	-
308.4	-	-	86.0	75.4	-	70.5	-
321.5	-	-	-	73.0	-	61.7	-
334.6	-	-	-	69.2	-	55.1	-
347.8	-	-	-	65.3	50.5	48.5	-
360.9	-	-	-	-	47.4	44.1	-
374.0	-	-	-	-	44.5	37.5	-
387.1	-	-	-	-	41.9	33.1	-
393.7	-	-	-	-	40.6	29.8	-
400.3	-	-	-	-	-	26.5	-
413.4	-	-	-	-	-	22.0	-
426.5	-	-	-	-	-	15.4	-
439.6	-	-	-	-	-	11.0	-
452.8	-	-	-	-	-	-	-
465.9	-	-	-	-	-	-	-
479.0	-	-	-	-	-	-	-

275.6 ft + 275.6 ft

	SWSL					SFSL	HSWSL
	0 lb – 551,300 lb						
	352,700 lb						
	85°	85°	75°	65°	55°		85°
ft	1,000 lb						
121.4	-	-	-	-	-	-	98.1
124.7	83.8	88.2	-	-	-	-	98.1
137.8	80.9	88.2	-	-	-	83.8	96.6
150.9	69.7	86.0	-	-	-	83.8	94.6
164.0	60.2	83.8	-	-	-	83.8	92.4
177.2	52.5	81.6	-	-	-	83.8	89.9
190.3	45.4	79.4	-	-	-	83.8	87.3
203.4	39.2	77.2	-	-	-	83.8	84.9
216.5	34.0	75.0	81.6	-	-	83.8	82.2
229.7	29.3	72.8	81.6	-	-	81.6	79.6
242.8	25.1	70.5	81.6	-	-	81.6	76.9
255.9	21.6	68.3	81.6	-	-	79.4	74.3
269.0	18.5	63.9	79.4	-	-	77.2	71.7
282.2	15.7	61.7	77.2	-	-	75.0	69.0
295.3	13.2	59.5	77.2	-	-	70.5	66.6
298.6	-	-	76.1	-	-	68.3	65.9
301.8	-	-	75.0	58.4	-	66.1	-
308.4	-	-	75.0	58.4	-	61.7	-
321.5	-	-	72.8	58.4	-	55.1	-
334.6	-	-	68.3	57.5	-	52.9	-
341.2	-	-	54.5	56.9	-	51.8	-
347.8	-	-	-	56.2	-	50.7	-
360.9	-	-	-	54.5	-	44.1	-
374.0	-	-	-	52.2	-	39.7	-
380.6	-	-	-	51.4	38.1	36.4	-
387.1	-	-	-	50.3	36.8	33.1	-
400.3	-	-	-	-	34.4	28.7	-
413.4	-	-	-	-	32.0	24.3	-
426.5	-	-	-	-	30.0	19.8	-
433.1	-	-	-	-	29.1	16.5	-
439.6	-	-	-	-	-	13.2	-
452.8	-	-	-	-	-	8.8	-
465.9	-	-	-	-	-	-	-

4

**Remarks**

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1  
 For HSWSL a boom power-kit is required

# SWSL / SFSL15° / HSWSL LIFTING CAPACITIES

27.6 ft 36.1 – 49.2 ft 360° DIN/ISO

315.0 ft + 118.1 ft

ft	SWSL					SFSL	HSWSL
	85°	85°	75°	65°	55°		85°
	0 t / 0 lb – 551,300 lb						
	396.8 klb + 132.3 klb ZB / 352,700 lb						
	1,000 lb						
78.7	173.1	178.6	-	-	-	-	219.4
85.3	173.1	178.6	-	-	-	176.4	216.1
91.9	164.2	170.9	-	-	-	175.3	210.5
98.4	149.9	165.3	-	-	-	173.1	203.9
111.5	125.7	154.3	-	-	-	168.7	191.8
124.7	108.5	144.4	-	-	-	164.2	179.7
137.8	94.4	136.7	-	-	-	158.7	168.7
147.6	-	-	-	-	-	154.6	160.9
150.9	-	-	148.8	-	-	153.2	-
164.0	-	-	144.4	-	-	146.6	-
177.2	-	-	136.7	-	-	141.1	-
190.3	-	-	130.1	-	-	136.7	-
203.4	-	-	120.2	-	-	132.3	-
216.5	-	-	-	-	-	127.9	-
223.1	-	-	-	115.7	-	125.7	-
229.7	-	-	-	113.5	-	123.5	-
242.8	-	-	-	106.0	-	110.2	-
255.9	-	-	-	97.7	-	98.5	-
269.0	-	-	-	-	-	88.0	-
282.2	-	-	-	-	78.9	78.3	-
295.3	-	-	-	-	74.1	69.7	-
301.8	-	-	-	-	71.9	65.7	-
308.4	-	-	-	-	-	61.7	-
321.5	-	-	-	-	-	54.5	-
334.6	-	-	-	-	-	47.2	-
347.8	-	-	-	-	-	39.2	-
360.9	-	-	-	-	-	31.5	-
374.0	-	-	-	-	-	23.8	-
387.1	-	-	-	-	-	17.2	-
400.3	-	-	-	-	-	-	-
413.4	-	-	-	-	-	-	-
426.5	-	-	-	-	-	-	-
439.6	-	-	-	-	-	-	-

315.0 ft + 157.5 ft

ft	SWSL					SFSL	HSWSL
	85°	85°	75°	65°	55°		85°
	0 t / 0 lb – 551,300 lb						
	396.8 klb + 132.3 klb ZB / 352,700 lb						
	1,000 lb						
88.6	-	-	-	-	-	-	168.7
91.9	133.4	133.4	-	-	-	-	168.7
98.4	133.4	133.4	-	-	-	135.6	166.4
111.5	122.4	125.7	-	-	-	133.4	158.7
124.7	104.7	119.0	-	-	-	130.1	151.0
137.8	90.4	112.4	-	-	-	127.9	143.3
150.9	79.1	107.1	-	-	-	123.5	135.6
164.0	69.7	101.9	-	-	-	119.0	129.0
170.6	65.8	99.2	114.6	-	-	117.4	125.1
177.2	61.9	96.6	114.6	-	-	115.7	121.3
187.0	-	-	111.3	-	-	111.6	116.8
190.3	-	-	110.2	-	-	110.2	-
203.4	-	-	105.8	-	-	108.0	-
216.5	-	-	101.4	-	-	103.6	-
229.7	-	-	94.8	-	-	101.4	-
242.8	-	-	90.4	89.3	-	97.0	-
255.9	-	-	-	86.9	-	94.8	-
269.0	-	-	-	81.6	-	90.4	-
282.2	-	-	-	76.3	-	80.9	-
288.7	-	-	-	73.4	-	76.5	-
295.3	-	-	-	-	-	72.1	-
308.4	-	-	-	-	-	63.9	-
315.0	-	-	-	-	61.5	60.3	-
321.5	-	-	-	-	59.5	56.7	-
334.6	-	-	-	-	56.0	49.8	-
341.2	-	-	-	-	54.5	46.7	-
347.8	-	-	-	-	-	43.7	-
360.9	-	-	-	-	-	37.0	-
374.0	-	-	-	-	-	30.2	-
387.1	-	-	-	-	-	23.6	-
400.3	-	-	-	-	-	17.2	-
413.4	-	-	-	-	-	10.8	-
426.5	-	-	-	-	-	-	-

## Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1  
For HSWSL a boom power-kit is required

# SWSL / SFSL15° / HSWSL LIFTING CAPACITIES

27.6 ft   
 36.1 – 49.2 ft   
 360°   
 DIN/ISO

315.0 ft + 196.9 ft

ft	SWSL					SFSL	HSWSL
	85°	85°	75°	65°	55°		
	0 t      0 lb – 551,300 lb						
	396.8klb + 132.3klb ZB      352,700 lb						
	1,000 lb						
101.7	-	-	-	-	-	-	132.3
111.5	101.2	101.2	-	-	-	104.3	130.1
124.7	97.2	97.2	-	-	-	102.3	124.6
137.8	86.4	92.8	-	-	-	100.3	119.0
150.9	75.0	88.4	-	-	-	98.3	113.5
164.0	65.3	84.2	-	-	-	95.5	108.5
177.2	57.1	79.8	-	-	-	94.8	103.2
190.3	50.3	76.3	90.4	-	-	92.6	98.3
203.4	44.3	72.8	90.4	-	-	90.4	93.5
216.5	39.2	68.8	88.2	-	-	88.2	88.6
226.4	-	-	84.9	-	-	86.5	85.1
229.7	-	-	83.8	-	-	86.0	-
242.8	-	-	81.6	-	-	81.6	-
255.9	-	-	77.2	-	-	79.4	-
269.0	-	-	72.8	65.7	-	77.2	-
275.6	-	-	63.1	65.3	-	76.1	-
282.2	-	-	-	64.6	-	75.0	-
295.3	-	-	-	60.8	-	72.8	-
308.4	-	-	-	56.9	-	64.8	-
321.5	-	-	-	53.1	-	57.3	-
328.1	-	-	-	51.6	-	53.9	-
334.6	-	-	-	-	-	50.5	-
341.2	-	-	-	-	45.4	47.3	-
347.8	-	-	-	-	45.4	44.1	-
360.9	-	-	-	-	42.5	38.4	-
374.0	-	-	-	-	39.5	32.2	-
387.1	-	-	-	-	-	26.2	-
400.3	-	-	-	-	-	20.3	-
413.4	-	-	-	-	-	14.6	-
426.5	-	-	-	-	-	9.0	-
439.6	-	-	-	-	-	-	-

315.0 ft + 236.2 ft

ft	SWSL					SFSL	HSWSL
	85°	85°	75°	65°	55°		
	0 t      0 lb – 551,300 lb						
	396.8klb + 132.3klb ZB      352,700 lb						
	1,000 lb						
114.8	-	-	-	-	-	-	101.0
124.7	77.8	77.8	-	-	-	80.0	99.4
137.8	75.2	75.2	-	-	-	78.7	96.1
150.9	68.3	72.3	-	-	-	77.2	92.6
164.0	59.3	69.2	-	-	-	75.4	89.1
177.2	51.8	65.9	-	-	-	73.4	85.3
190.3	45.0	62.6	-	-	-	72.8	81.8
203.4	39.0	59.5	-	-	-	72.8	78.3
210.0	36.5	58.4	70.5	-	-	71.7	76.6
216.5	34.0	57.3	70.5	-	-	70.5	75.0
229.7	29.5	55.1	68.3	-	-	68.3	71.7
242.8	25.6	52.9	66.1	-	-	66.1	68.1
255.9	22.3	50.7	63.9	-	-	66.1	64.8
262.5	-	-	63.9	-	-	65.0	63.3
269.0	-	-	61.7	-	-	63.9	-
282.2	-	-	59.5	-	-	61.7	-
295.3	-	-	57.3	48.9	-	59.5	-
308.4	-	-	53.4	48.1	-	57.3	-
315.0	-	-	45.4	47.2	-	56.2	-
321.5	-	-	-	45.9	-	55.1	-
334.6	-	-	-	43.0	-	50.0	-
347.8	-	-	-	39.9	-	41.9	-
360.9	-	-	-	37.3	-	37.5	-
367.5	-	-	-	35.9	-	34.7	-
374.0	-	-	-	-	32.0	32.0	-
387.1	-	-	-	-	30.6	26.2	-
400.3	-	-	-	-	28.4	20.9	-
413.4	-	-	-	-	26.2	15.7	-
426.5	-	-	-	-	-	10.6	-
439.6	-	-	-	-	-	-	-
452.8	-	-	-	-	-	-	-

# 4

**Remarks**

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1  
 For HSWSL a boom power-kit is required

# SWSL / SFSL 15° / HSWSL LIFTING CAPACITIES

27.6 ft 36.1 – 49.2 ft 360° DIN/ISO

315.0 ft + 275.6 ft

ft	SWSL					SFSL	HSWSL
	0 lb – 551,300 lb						
	352,700 lb						
	85°	85°	75°	65°	55°		85°
	1,000 lb						
124.7	60.2	60.2	-	-	-	-	73.4
137.8	60.2	60.2	-	-	-	61.1	73.4
150.9	57.5	57.5	-	-	-	60.0	73.4
164.0	54.2	55.1	-	-	-	58.4	71.0
177.2	47.0	52.9	-	-	-	57.3	68.6
190.3	40.6	50.7	-	-	-	57.3	65.9
203.4	35.3	48.5	-	-	-	57.3	63.5
216.5	30.6	46.3	-	-	-	55.1	60.8
223.1	28.5	46.3	52.9	-	-	55.1	59.6
229.7	26.5	46.3	52.9	-	-	55.1	58.4
242.8	22.5	44.1	52.9	-	-	52.9	56.0
255.9	19.0	41.9	50.7	-	-	50.7	53.8
269.0	15.9	39.7	50.7	-	-	50.7	51.6
282.2	13.2	37.5	48.5	-	-	48.5	49.2
295.3	10.8	37.5	46.3	-	-	46.3	47.0
301.8	-	-	46.3	-	-	46.3	45.9
308.4	-	-	44.1	-	-	46.3	-
315.0	-	-	44.1	34.2	-	45.2	-
321.5	-	-	44.1	34.2	-	44.1	-
334.6	-	-	40.8	33.7	-	41.9	-
347.8	-	-	32.0	32.4	-	39.7	-
354.3	-	-	31.1	31.5	-	38.6	-
360.9	-	-	-	30.6	-	37.5	-
374.0	-	-	-	28.9	-	24.0	-
387.1	-	-	-	27.3	-	-	-
400.3	-	-	-	25.6	20.9	-	-
406.8	-	-	-	24.7	20.9	-	-
413.4	-	-	-	-	20.7	-	-
426.5	-	-	-	-	19.2	-	-
439.6	-	-	-	-	17.2	-	-
452.8	-	-	-	-	15.2	-	-

315.0 ft + 315.0 ft

ft	SWSL					SFSL	HSWSL
	0 lb – 551,300 lb						
	352,700 lb						
	85°	85°	75°	65°	55°		85°
	1,000 lb						
137.8	42.8	42.8	-	-	-	-	-
150.9	42.8	42.8	-	-	-	43.7	-
164.0	40.8	41.9	-	-	-	42.8	-
177.2	39.7	39.7	-	-	-	41.9	-
190.3	37.3	39.7	-	-	-	41.9	-
203.4	32.0	37.5	-	-	-	41.9	-
216.5	27.3	35.3	-	-	-	41.9	-
229.7	23.4	35.3	-	-	-	39.7	-
242.8	19.8	33.1	37.5	-	-	39.7	-
255.9	16.5	33.1	37.5	-	-	39.7	-
269.0	13.9	30.9	37.5	-	-	37.5	-
282.2	11.2	28.7	37.5	-	-	35.3	-
295.3	-	28.7	35.3	-	-	35.3	-
308.4	-	26.5	35.3	-	-	33.1	-
321.5	-	24.3	33.1	-	-	33.1	-
334.6	-	24.3	32.0	-	-	30.9	-
341.2	-	-	30.9	20.9	-	30.9	-
347.8	-	-	30.9	20.9	-	30.9	-
360.9	-	-	29.8	20.5	-	28.7	-
374.0	-	-	27.6	19.6	-	28.7	-
387.1	-	-	19.2	18.5	-	26.5	-
393.7	-	-	18.3	17.9	-	25.2	-
400.3	-	-	-	17.2	-	24.0	-
413.4	-	-	-	16.1	-	-	-
426.5	-	-	-	14.8	9.7	-	-
439.6	-	-	-	13.7	9.5	-	-
446.2	-	-	-	13.0	9.3	-	-
452.8	-	-	-	-	9.0	-	-
465.9	-	-	-	-	-	-	-
479.0	-	-	-	-	-	-	-
492.2	-	-	-	-	-	-	-

## Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1  
For HSWSL a boom power-kit is required

# SWSL / SFSL 15° / HSWSL LIFTING CAPACITIES

27.6 ft   
 36.1 – 49.2 ft
 
360°
DIN/ISO

354.3 ft + 118.1 ft

ft	SWSL					SFSL	HSWSL
	85°	85°	75°	65°	55°		85°
	0 t      0 lb – 551,300 lb						
	396.8klb + 132.3klb ZB      352,700 lb						
	1,000 lb						
82.0	-	-	-	-	-	-	164.2
85.3	-	-	-	-	-	-	164.2
91.9	-	-	-	-	-	-	158.7
98.4	-	-	-	-	-	-	154.3
111.5	-	-	-	-	-	-	144.4
124.7	-	-	-	-	-	-	134.5
137.8	-	-	-	-	-	-	125.7
150.9	-	-	-	-	-	-	116.8
164.0	-	-	-	-	-	-	-

354.3 ft + 196.9 ft

ft	SWSL					SFSL	HSWSL
	85°	85°	75°	65°	55°		85°
	0 t      0 lb – 551,300 lb						
	396.8klb + 132.3klb ZB      352,700 lb						
	1,000 lb						
105.0	-	-	-	-	-	-	96.8
111.5	71.7	74.3	-	-	-	83.1	96.8
124.7	68.8	71.0	-	-	-	82.0	92.4
137.8	65.9	67.7	-	-	-	79.6	87.7
150.9	62.8	64.4	-	-	-	77.4	82.9
164.0	59.7	61.1	-	-	-	75.0	78.3
177.2	53.1	57.8	-	-	-	71.9	73.4
190.3	46.5	54.9	-	-	-	68.8	69.7
196.9	43.7	53.5	65.0	-	-	67.2	67.8
203.4	40.8	52.0	64.6	-	-	65.7	65.9
216.5	35.9	49.2	62.4	-	-	62.2	62.2
229.7	31.7	44.5	58.6	-	-	58.6	58.4
242.8	-	-	54.9	-	-	54.9	-
255.9	-	-	51.4	-	-	51.4	-
269.0	-	-	47.6	-	-	47.6	-
282.2	-	-	44.1	-	-	43.9	-
288.7	-	-	42.3	39.9	-	42.1	-
295.3	-	-	-	39.9	-	40.3	-
308.4	-	-	-	37.0	-	36.6	-
321.5	-	-	-	34.0	-	32.6	-
334.6	-	-	-	30.9	-	28.4	-
347.8	-	-	-	28.0	-	-	-
367.5	-	-	-	-	18.7	-	-
374.0	-	-	-	-	18.7	-	-
387.1	-	-	-	-	16.5	-	-
400.3	-	-	-	-	14.3	-	-
413.4	-	-	-	-	-	-	-

354.3 ft + 157.5 ft

ft	SWSL					SFSL	HSWSL
	85°	85°	75°	65°	55°		85°
	1,000 lb						
91.9	94.4	97.4	-	-	-	-	126.8
98.4	94.4	97.4	-	-	-	107.8	126.8
111.5	90.4	92.8	-	-	-	106.3	119.0
124.7	86.0	88.2	-	-	-	103.2	112.4
137.8	81.8	83.6	-	-	-	100.1	106.5
150.9	75.2	78.7	-	-	-	96.6	99.9
164.0	65.9	74.7	-	-	-	92.6	94.1
177.2	58.0	71.0	-	-	-	88.6	88.6
183.7	54.7	69.0	84.7	-	-	86.5	85.8
190.3	51.4	67.0	84.7	-	-	84.4	82.9
203.4	-	-	79.6	-	-	79.8	-
216.5	-	-	74.3	-	-	75.4	-
229.7	-	-	69.2	-	-	70.8	-
242.8	-	-	64.2	-	-	66.1	-
249.3	-	-	61.7	-	-	63.8	-
255.9	-	-	-	-	-	61.5	-
262.5	-	-	-	55.3	-	59.2	-
269.0	-	-	-	54.9	-	56.9	-
282.2	-	-	-	52.2	-	52.2	-
295.3	-	-	-	48.1	-	46.7	-
308.4	-	-	-	44.1	-	42.1	-
334.6	-	-	-	-	31.3	-	-
347.8	-	-	-	-	30.4	-	-
360.9	-	-	-	-	27.6	-	-
374.0	-	-	-	-	-	-	-

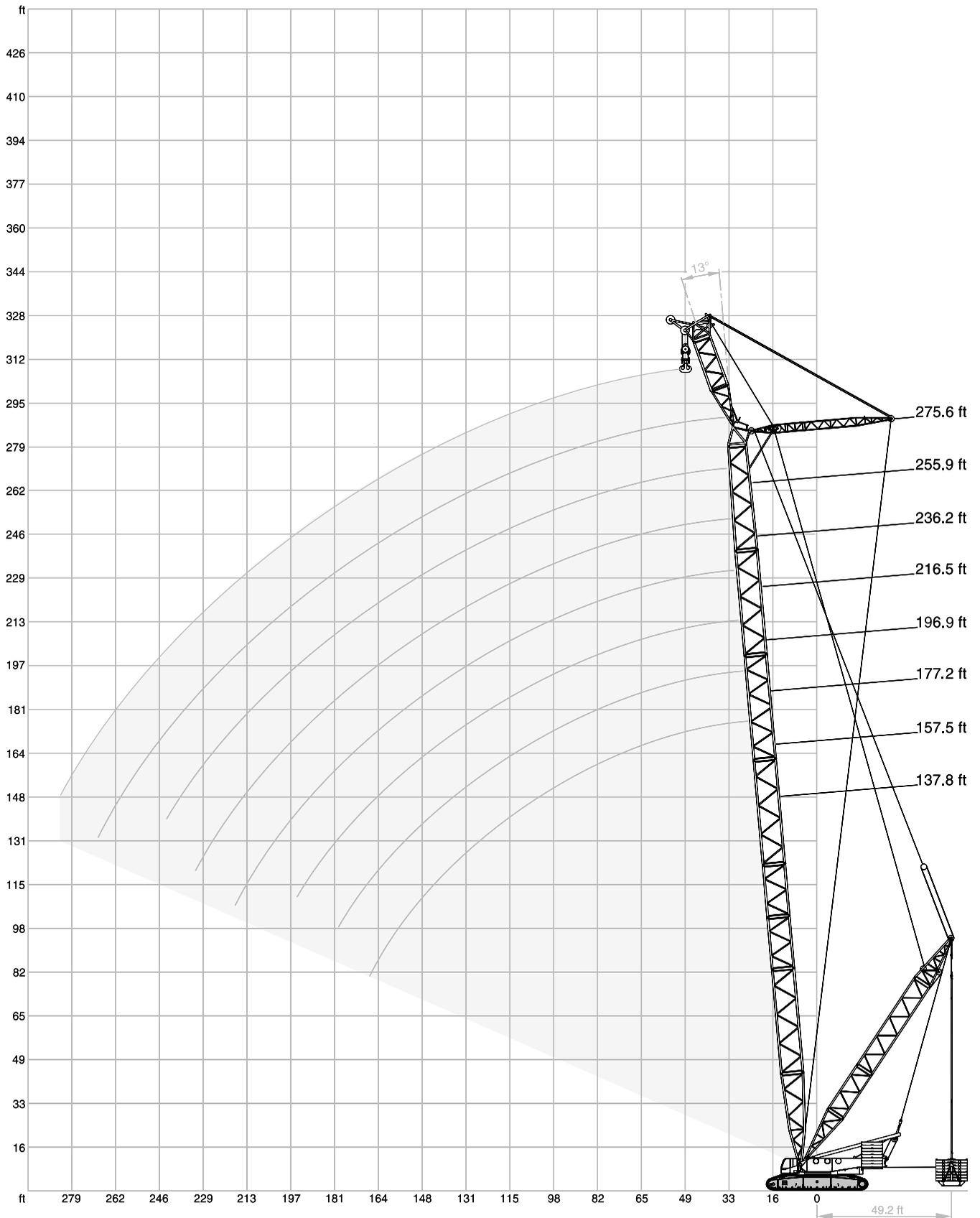
**Remarks**

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1  
 For HSWSL a boom power-kit is required

# 4

**SFVL / LFVL WORKING RANGES**

**13°**



# SFVL / LFVL LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB 36.1 – 49.2 ft 0-661,400 lb 39.4 ft 27.6 ft 360° DIN/ISO

ft	137.8 ft			157.5 ft			177.2 ft			196.9 ft		
	SFVL		LFVL									
	13°	20°	17,5°	13°	20°	17,5°	13°	20°	17,5°	13°	20°	17,5°
	1,000 lb											
42.7	1018.5	-	661.4	945.8	-	661.4	-	-	661.4	-	-	-
45.9	987.7	965.6	661.4	943.6	908.3	661.4	853.2	813.5	661.4	771.6	-	661.4
52.5	930.4	921.5	661.4	919.3	884.1	661.4	848.8	813.5	661.4	767.2	736.3	661.4
59.1	868.6	868.6	661.4	868.6	859.8	661.4	844.4	806.9	661.4	762.8	725.3	661.4
65.6	769.4	782.6	661.4	776.0	778.2	661.4	771.6	773.8	661.4	751.8	714.3	661.4
72.2	698.9	701.1	641.5	694.5	696.7	652.6	690.0	692.3	661.4	685.6	683.4	661.4
78.7	630.5	632.7	593.0	626.1	628.3	617.3	621.7	623.9	612.9	617.3	619.5	621.7
85.3	573.2	575.4	549.0	582.0	577.6	573.2	577.6	573.2	575.4	560.0	564.4	571.0
91.9	526.9	526.9	507.1	533.5	535.7	529.1	531.3	533.5	531.3	526.9	524.7	529.1
98.4	485.0	487.2	467.4	487.2	489.4	487.2	485.0	487.2	485.0	480.6	482.8	482.8
111.5	416.7	418.9	396.8	414.5	414.5	414.5	410.1	412.3	410.1	405.7	407.9	407.9
124.7	352.7	359.4	335.1	357.1	357.1	352.7	352.7	354.9	354.9	350.5	350.5	350.5
137.8	304.2	304.2	288.8	313.1	313.1	302.0	308.6	310.9	308.6	304.2	306.4	306.4
150.9	251.3	251.3	253.5	273.4	273.4	262.4	273.4	273.4	273.4	269.0	269.0	269.0
164.0	203.9	-	215.0	229.3	229.3	231.5	242.5	244.7	238.1	240.3	240.3	240.3
177.2	-	-	-	190.7	-	201.7	209.4	209.4	211.6	215.0	216.1	215.0
190.3	-	-	-	-	-	-	176.4	176.4	187.4	187.4	187.4	191.8
203.4	-	-	-	-	-	-	-	-	-	159.8	159.8	170.9
216.5	-	-	-	-	-	-	-	-	-	133.4	-	-

ft	216.5 ft			236.2 ft			255.9 ft			275.6 ft		
	SFVL		LFVL									
	13°	20°	17,5°	13°	20°	17,5°	13°	20°	17,5°	13°	20°	17,5°
	1,000 lb											
45.9	-	-	610.7	-	-	-	-	-	-	-	-	-
49.2	652.6	-	610.7	-	-	-	-	-	-	-	-	-
52.5	650.4	626.1	610.7	571.0	555.6	540.1	482.8	465.2	451.9	-	-	399.0
55.8	648.2	623.9	610.7	568.8	553.4	540.1	480.6	465.2	451.9	425.5	-	399.0
59.1	646.0	621.7	610.7	568.8	551.2	540.1	478.4	465.2	451.9	423.3	412.3	399.0
65.6	641.5	617.3	610.7	566.6	549.0	540.1	474.0	460.8	451.9	418.9	407.9	399.0
72.2	621.7	610.7	606.3	560.0	544.5	540.1	469.6	456.4	451.9	416.7	403.4	399.0
78.7	595.2	588.6	577.6	542.3	533.5	529.1	465.2	451.9	449.7	410.1	401.2	399.0
85.3	557.8	560.0	549.0	526.9	518.1	511.5	458.6	447.5	445.3	403.4	394.6	394.6
91.9	509.3	511.5	520.3	504.9	504.9	493.8	451.9	440.9	438.7	394.6	388.0	390.2
98.4	478.4	476.2	478.4	463.0	465.2	474.0	445.3	434.3	434.3	388.0	379.2	385.8
111.5	403.4	405.7	403.4	399.0	401.2	401.2	392.4	394.6	396.8	363.8	361.6	370.4
124.7	346.1	348.3	346.1	341.7	343.9	343.9	339.5	341.7	339.5	328.5	328.5	337.3
137.8	302.0	302.0	302.0	297.6	299.8	297.6	295.4	295.4	295.4	291.0	293.2	291.0
150.9	266.8	266.8	266.8	262.4	262.4	262.4	257.9	260.1	257.9	253.5	255.7	255.7
164.0	235.9	235.9	235.9	231.5	233.7	231.5	229.3	229.3	229.3	224.9	224.9	224.9
177.2	211.6	212.7	211.6	207.2	208.3	207.2	203.9	205.0	203.9	199.5	200.6	200.6
190.3	190.7	190.7	190.7	186.3	187.4	186.3	183.0	184.1	183.0	178.6	179.7	178.6
203.4	167.6	167.6	173.1	168.7	168.7	168.7	164.2	165.3	165.3	160.9	160.9	160.9
216.5	143.3	143.3	154.3	146.6	146.6	153.2	146.6	146.6	148.8	143.3	143.3	145.5
229.7	121.3	-	132.3	126.8	126.8	137.8	127.9	127.9	135.6	125.7	125.7	131.2
242.8	-	-	-	107.8	-	117.9	111.3	111.3	122.4	110.2	110.2	117.9
255.9	-	-	-	-	-	-	95.0	95.0	106.0	95.5	95.5	106.5
269.0	-	-	-	-	-	-	78.7	-	-	81.1	81.1	92.2
282.2	-	-	-	-	-	-	-	-	-	67.0	-	-

5

## 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.
<b>Carbody</b>	Bending- and torsion-resistant welded structure of box type construction, fabricated of high-strength fine-grain structural steel.
<b>Crawlers</b>	Side frames: bending-resistant welded structure of high-strength fine-grain structural steel. Track shoes, idler and drive sprockets are fabricated of heat-treated high-strength cast steel. 15 rollers on each side frame with hardened rolling surfaces. Automatic centralized lubrication is included as standard.
<b>Power train</b>	The tracks are powered by two hydraulic motors each through closed planetary gear reduction units running in oil bath, equipped with spring-applied hydraulically released holding brakes; the gear units are of very compact design to fit within the width of the crawlers. Each crawler is infinitely variable controlled, both independently and in opposite direction.
<b>Assembly jacks</b>	Four hydraulic jacking cylinders on carbody (folding within 9.8 ft width) for easy assembly of crawlers.

### SUPERSTRUCTURE

<b>Counterweight</b>	352,700 lb / 396,800 lb as option in combination with central ballast.
<b>Frame</b>	Torsion-resistant welded structure fabricated of high-strength fine-grain structural steel. Connected to carrier by triple-row roller bearing slew ring.
<b>Drive</b>	DaimlerChrysler diesel engine type OM 502 LA, 390 kW (530 hp) at 1800 1/min, torque 2400 Nm at 1300 1/min. The engine complies with EUROMOT 3a, EPA T3 and Carb regulations. Pump distribution gearbox with five variable displacement axial piston pumps, and gear pumps. Silencer with spark-arrestor.
<b>Rope drums</b>	The standard superstructure equipment includes three rope drums – hoist 1, hoist 2 and boom hoist. The drums are powered by hydraulic motors through closed planetary gear units running in oil bath. All rope drums have spring-applied, hydraulically released multi-disk brakes and non-wearing hydraulic braking for load lowering. Rope ends H 1, 2, 3 and W 1, 2 equipped with quick-connect rope end fittings. Hoists H 1 + 2 are removable to minimise weight for transportation.
<b>A-frame</b>	Hydraulic raising system for A-frame as standard.
<b>Slew unit</b>	Powered by hydraulic motor through closed, planetary gear unit running in oil bath. Spring-applied, hydraulically released holding brake and non-wearing hydraulic braking.
<b>Control system</b>	Demag IC-1: Electronic proportional valve pilot control integrated in stored-program control system incl. diagnostics. 2 colour monitors, rated capacity limiter operated via a touchscreen. Working speeds infinitely variable controlled by the lever position. Automatic power control for optimal utilisation of engine output, emergency control system.
<b>Cabin</b>	Comfortable cab with large windscreen and airconditioner. 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.
<b>Electrical equipment</b>	24 V d. c. system (2 x batteries 12 V, 200 Ah).

### OPTIONAL EQUIPMENT

<b>Counterweight</b>	44,100 lb on the superstructure (only in conjunction with central ballast).
<b>Central ballast</b>	132,300 lb.
<b>Hydraulic cylinder A-frame</b>	For self-assembly of crawlers.
<b>Sideways outriggers</b>	For erection of long boom systems.
<b>Counterweight carrier</b>	Drive 4 x 4, total weight 705,600 lb, net weight 88,200 lb, in combination with SL telescopic system.
<b>Quick-connection</b>	Hydraulic quick-disconnect fittings on carrier and superstructure facilitate removal to minimise weight for transportation.
<b>Track shoes</b>	6'-7".
<b>Quadro-drive</b>	Add. two hydraulic motors on the crawlers to double the driving power. The driving speed will be reduced accordingly.

**TECHNICAL DESCRIPTION**
**BOOM CONFIGURATIONS S AND L**

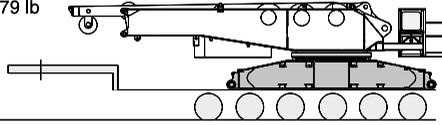
<b>SH:</b>	Main boom: foot section 34.5 ft (used to install drums W1/H3), inserts 39.4 ft and 19.7 ft (type 2724) and tapered insert 39.4 ft, head with sheave assembly 1323,000 lb 4.9 ft. Main boom lengths: 78.7-275.6 ft.
<b>SH/LH:</b>	Main boom: same as SH, extended by type 2421 from the fly jib and by top section 24.6 ft. Main boom lengths: 216.5-334.6 ft.
<b>SW:</b>	Main boom: same as SH. Fly jib: foot section 14.8 ft, inserts 39.4 ft and 19.7 ft (type 2421) and top section 24.6 ft. Main boom lengths: 98.4-216.5 ft. Fly jib lengths: 78.7-275.6 ft.
<b>SSL:</b>	Main boom: same as SH. Superlift equipment, Superlift counterweight 0-661,400 lb (at 110,300 lb increments). Main boom lengths: 118.1-275.6 ft.
<b>HSSL:</b>	Main Boom: same as SH/SSL + boom power-kit. Superlift equipment, Superlift counterweight 0-661,400 lb (at 110,300 lb increments). Main boom lengths: 177.2-354.3 ft.
<b>SSL/LSL:</b>	Main boom: same as SH 275.6 ft, extended by type 2421 from the fly jib and by top section 24.6 ft. Superlift equipment, Superlift counterweight 0-661,400 lb (at 110,300 lb increments). Main boom lengths: 295.3-452.8 ft.
<b>SWSL: (SFSL)</b>	Main boom: same as SH. Fly jib: same as SW. Superlift equipment, Superlift counterweight 0-661,400 lb (at 110,300 lb increments). Main boom lengths: 118.1-275.6 ft. Fly jib lengths: 78.7-275.6 ft.
<b>HSWSL:</b>	Main Boom: same as HSSL. Fly jib: same as SW/SWSL. Superlift equipment, Superlift counterweight 0-661,400 lb (at 110,300 lb increments). Main boom lengths: 177.2-354.3 ft. Fly jib lengths: 78.7-315.0 ft.
<b>LF2:</b>	Main boom: same as SH, SSL, HSSL, SH/LH, SH/LH SGLmax; SSL/LSL, SSL/LSL SGLmax. Fly jib lengths: 39.4 ft, 78.7 ft, 118.1 ft. Fly jib offsets: 10°, 15°, 20° for jib length 39.4 ft. Fly jib offsets: 10°, 20°, 30° for jib lengths 78.7-118.1 ft.
<b>SFVL:</b>	Main boom: same as SH, lengths 137.8-275.6 ft, without sheave assembly. Fly jib: foot section 14.8 ft, insert 19.7 ft; heavy-duty head 4.9 ft. Sheave assembly 1323,000 lb same as SH.
<b>SH/LH SGLmax:</b>	Same as SH, extended by boom power-kit + jib top section. Main boom lengths: 255.9-354.3 ft.
<b>SSL/LSL SGLmax:</b>	Same as SSL, extended by boom power-kit + jib top section. Main boom lengths: 295.3-452.8 ft.
<b>Reeving winch</b>	Mounted on superstructure
<b>Operator aids</b>	Electronic load indicator, hoist limit switch, limit switches for boom movements, hydraulic boom backstops, anemometer.

**OPTIONAL EQUIPMENT**

<b>Power-kit for main boom</b>	Consisting of 2-4 additional heavy main boom sections; standard main boom 275.6 ft required.
<b>Superlift equipment standard</b>	Mast 98.4 ft, winch with rope and tray for 661,400 lb. Mast radii 36.1 ft, 42.7 ft and 49.2 ft by adjusting the Superlift mast.
<b>Superlift equipment with telescopic cylinder</b>	Mast 98.4 ft, winch with rope, SL telescopic cylinder and tray for 661,400 lb. Mast position 49.2 ft. Superlift counterweight can be adjusted from 42.7-55.8 ft.
<b>Hoist H3</b>	Additional rope drum on main boom (for LF2 or runner operation). Line pull same as H1, rope length 2133 ft.
<b>Runner 66,150 lb</b>	Approx. 6.6 ft for installation on boom head or top section (not in conjunction with LF2).
<b>Runner 132,300 lb</b>	
<b>Hydraulic pinning of boom sections</b>	

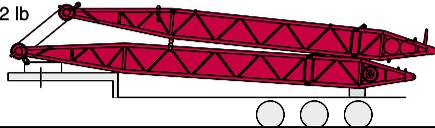
**TRANSPORT EXAMPLE FOR CC 2800-1**

Load approx. 180,779 lb



1x

Load approx. 48,502 lb



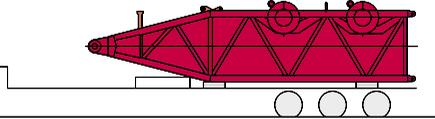
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Load 99,208 lb



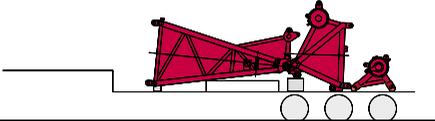
2x

Load 68,343 lb



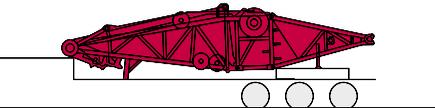
1x

Load 44,093 lb



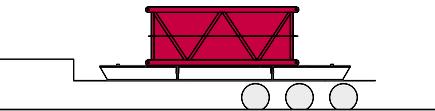
1x

Load 59,525 lb



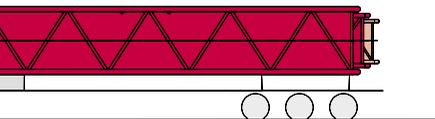
1x

Load 44,754 lb



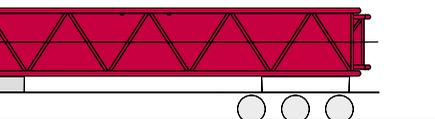
1x

Load 54,013 lb



2x

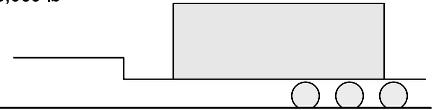
Load 51,147 lb



2x

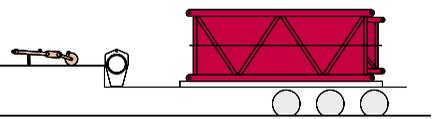
- Superlift counterweight
- Basic crane
- Boom combination SWSL 275.6 + 275.6 ft
- Containers, boxes, etc.
- Boom combination LF2 118.1 ft
- Trucks

Load approx. 33,069 lb



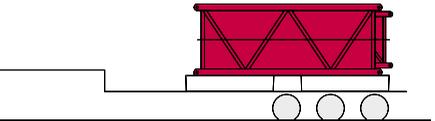
1x

Load 66,800 lb



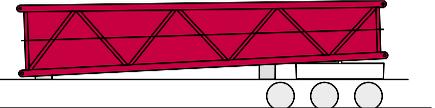
1x

Load 59,525 lb



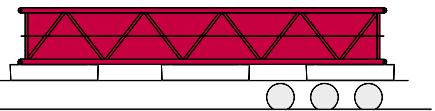
1x

Load 63,493 lb



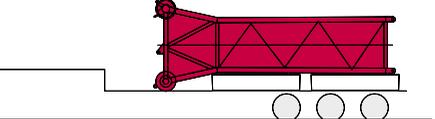
1x

Load 76,060 lb



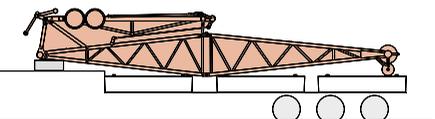
2x

Load 59,525 lb



1x

Load 73,855 lb



1x

198,416 lb Superlift counterweight can be transported together with the complete SWSL attachment 275.6 ft + 275.6 ft + 118.1 ft LF2. Depending on the load case, the remaining 462,971 lb Superlift counterweight and some mats as required, will have to be carried on separate trucks.

**NOTES TO LIFTING CAPACITY**

Ratings are in compliance with ISO 4305 and DIN 15019.2 (test load = 1.25 x suspended load + 0.1 x dead weight of boom head).  
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.

Effective Date: April 2007.

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