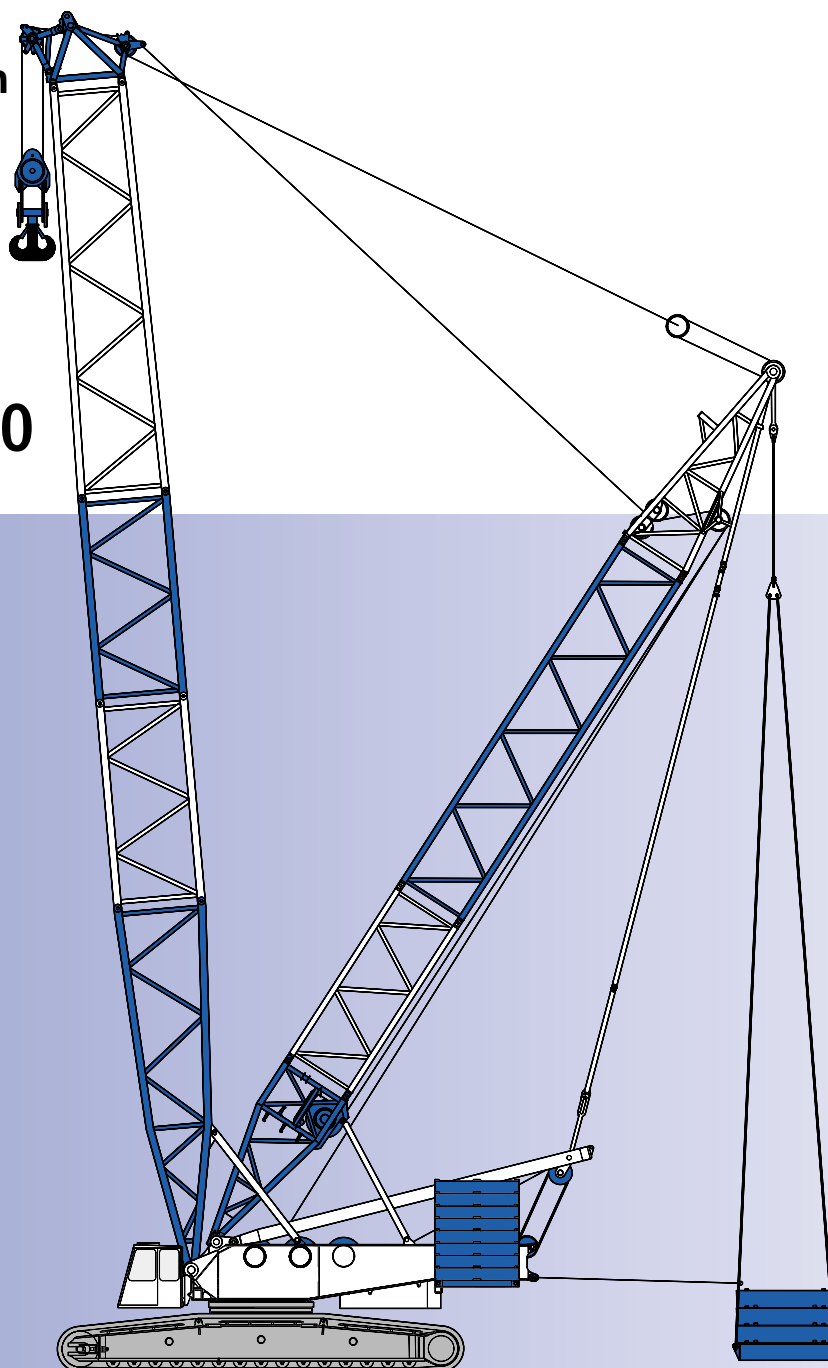




- Key
- Highlights
- Contents
- Specifications
- Main boom
- Fixed fly jib
- Luffing fly jib
- Fixed fly jib
- Technical description

DEMAG
Mobile Cranes

Demag CC 2800



660t

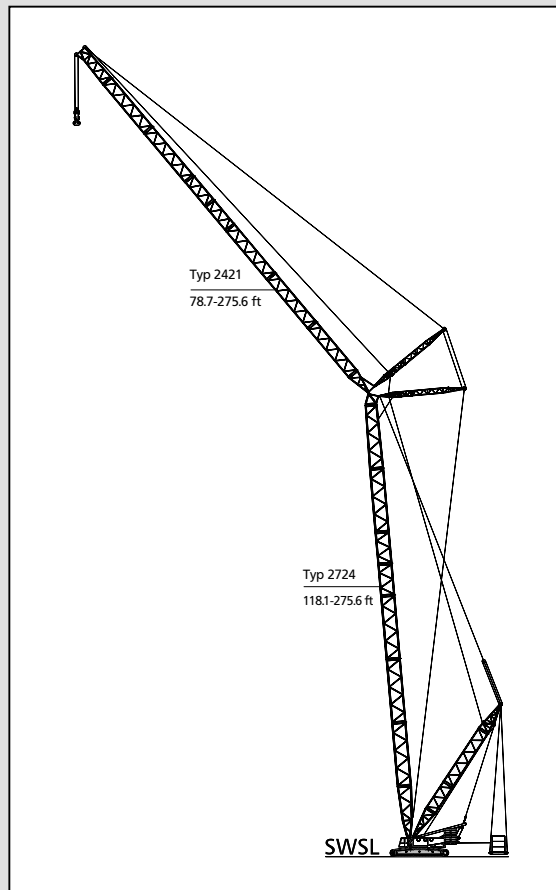
[MAIN MENUE](#)



HIGHLIGHTS

Demag CC 2800

- 1,322,800 lb lifting capacity at 19 ft radius
- excellent lifting capacities throughout the whole working range
- very simple assembly and short rigging time
- transport weights reduced to max. 88,200 lb



www.demag24.com

[MAIN MENU](#)

[CONTENTS](#)

Contents

	Page:
Specifications	
Specifications	4
Boom combinations	8
Specifications	10
Main boom	
Working ranges (SH, SH/LH)	11
Lifting capacities (SH, SH/LH)	12
Lifting capacities with Superlift (SSL, SSL/LSL)	14
Working ranges with Superlift (SSL, SSL/LSL)	20
Fixed fly jib	
Working ranges, 10° (LF, SH/LH + LF)	21
Lifting capacities (LF, SH/LH + LF)	22
Working ranges, 30° (LF, SH/LH + LF)	24
Working ranges with SL, 10° (SSL + LF, SSL/LSL + LF)	25
Lifting capacities with SL (SSL + LF, SSL/LSL + LF)	26
Working ranges with SL, 30° (SSL + LF, SSL/LSL + LF)	32
Luffing fly jib	
Working ranges, main boom 85° (SW)	33
Lifting capacities, main boom 85° (SW)	34
Working ranges with SL, main boom 85° (SWSL)	37
Lifting capacities with SL, main boom 85° (SWSL)	38
Fixed fly jib	
Working ranges with SL, 15° (SFSL)	43
Lifting capacities with SL, 15° (SFSL)	44
Working ranges with SL, 13° (SFVL)	49
Lifting capacities with SL (SFVL)	50
Working ranges with SL, 20° (SFVL)	52
Technical description	
Crawler carrier · Superstructure · Optional equipment	54
Boom configurations S and L	55



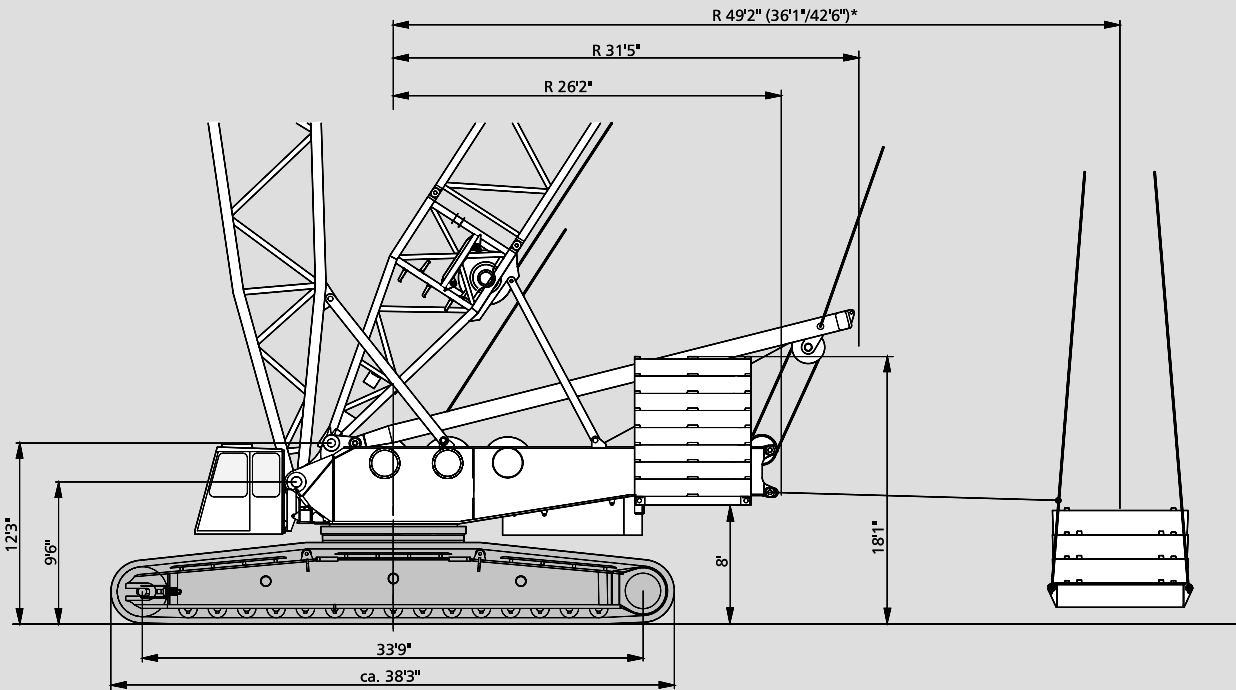
Specifications

Working speeds (infinitely variable)

Mechanisms	Speeds ¹⁾	Single line pull	Length of hoist rope
Hoist 1	max. 393.7 ft	36,420 lb / 32,500 lb ²⁾	2952.8 ft
Hoist 2	max. 393.7 ft	36,420 lb / 32,500 lb ²⁾	2952.8 ft
Boom derricking	max. 393.7 ft		
Boom hoist	max. 171.0 ft		
Fly jib luffing	max. 393.7 ft		
Slewing (RPM)	0.7		

1) Top layer

2) Without/with reeving effect considered



*optional



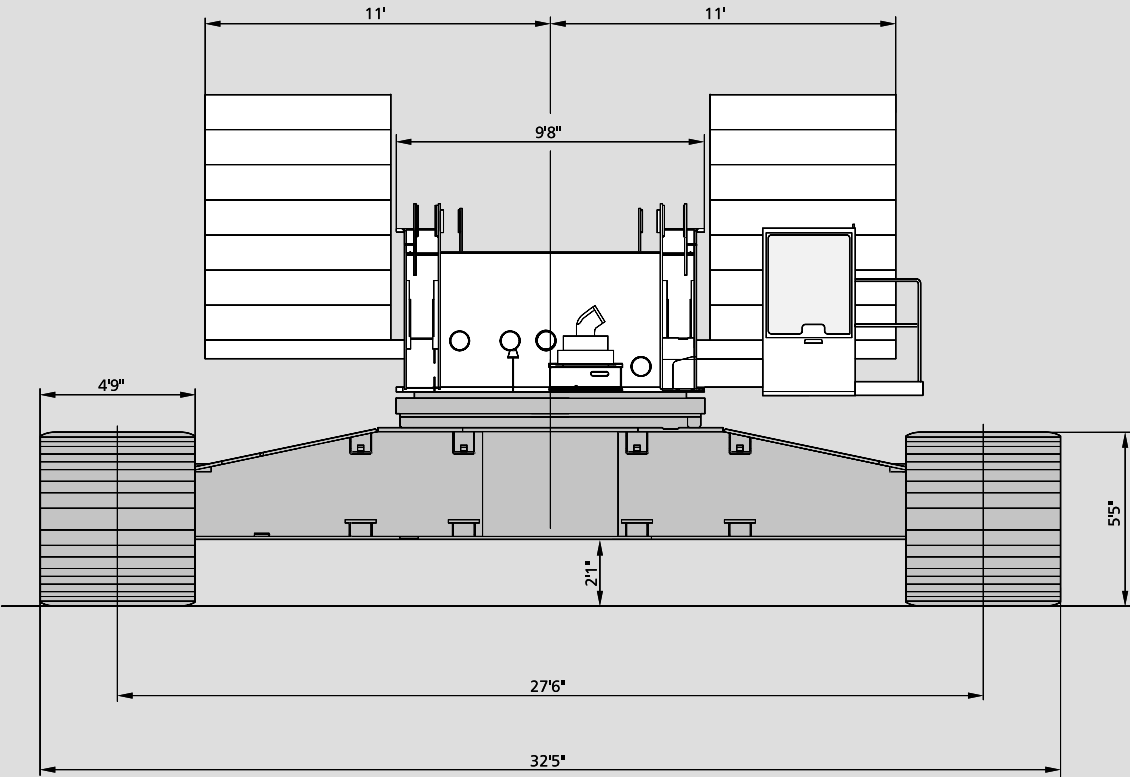
Hook blocks

Capacity	Number of sheaves	Number of lines	Weight	„D“
2 x 661,400 lb ¹⁾	2 x 11	2 x 22	25,400 lb	16.4 ft
2 x 440,900 lb ¹⁾	2 x 7	2 x 14	22,100 lb	15.7 ft
220,460 lb	3	7	7,900 lb	14.9 ft
110,230 lb	1	3	6,200 lb	13.1 ft
35,300 lb	–	1	1,980 lb	9.8 ft

¹⁾ The double hook blocks can be converted into single hook blocks

Carrier performance

1 st gear	0-0.9 mph
2 nd gear	0-1.8 mph



[MAIN MENU](#)

[CONTENTS](#)



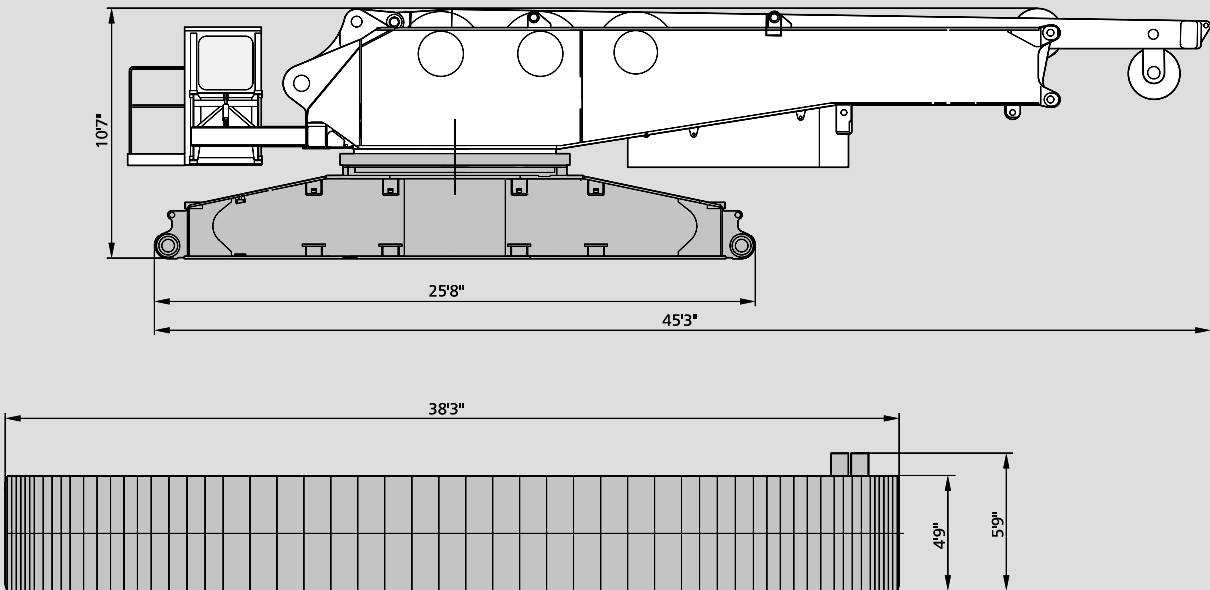
Specifications

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)	121,300 lb
Superstructure (without drums H1/H2, reeving winch, boom backstops and A-frame) incl. part of quick-connection	79,400 lb
Carbody / Carbody with assembly jacks	57,300 / 61,700 lb
Crawlers	2 x 88,200 lb
Counterweight	353,000 lb

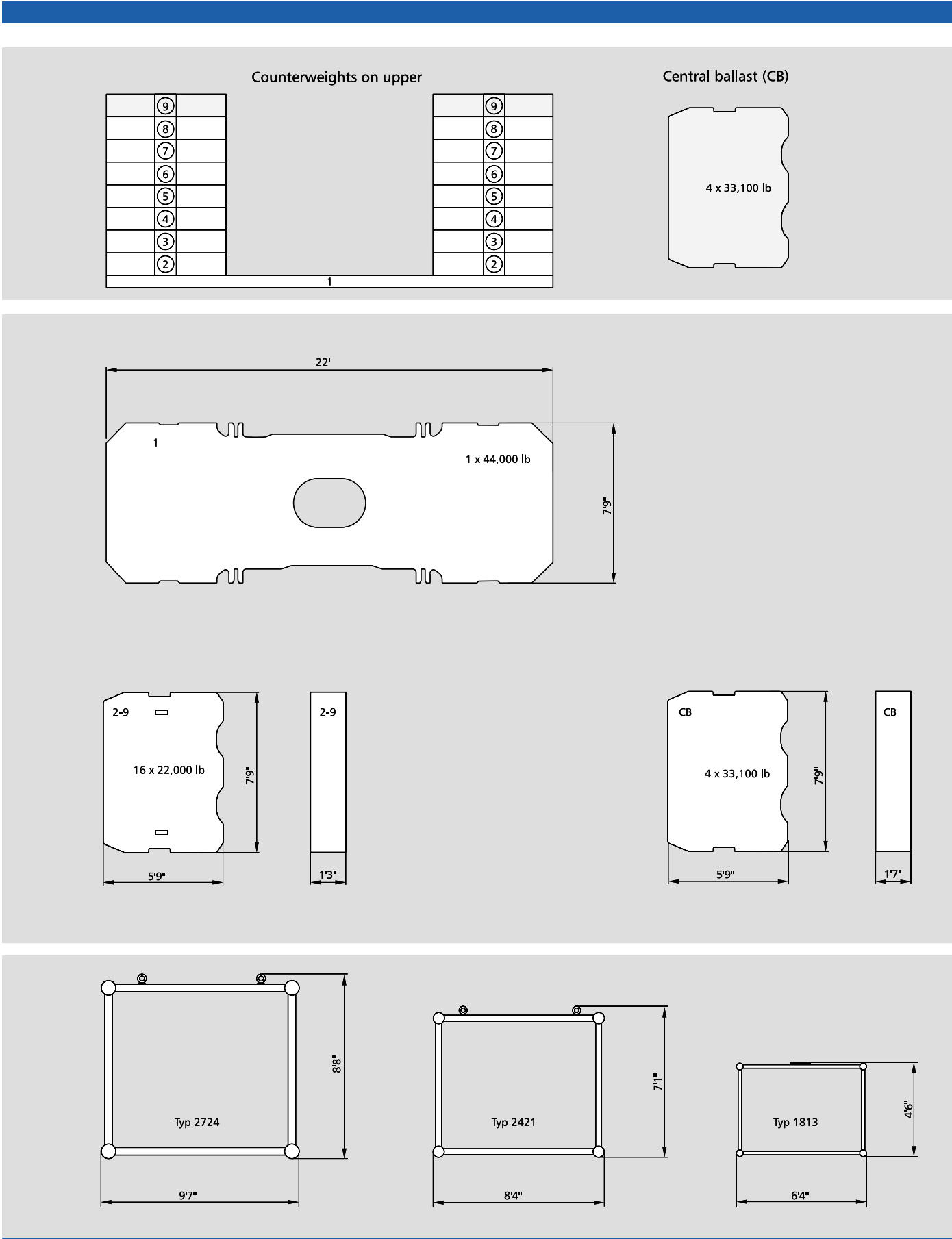
Ground pressure

Ground pressure, based on 794,000 lb total weight	5.36 lb/ft ²
---	-------------------------

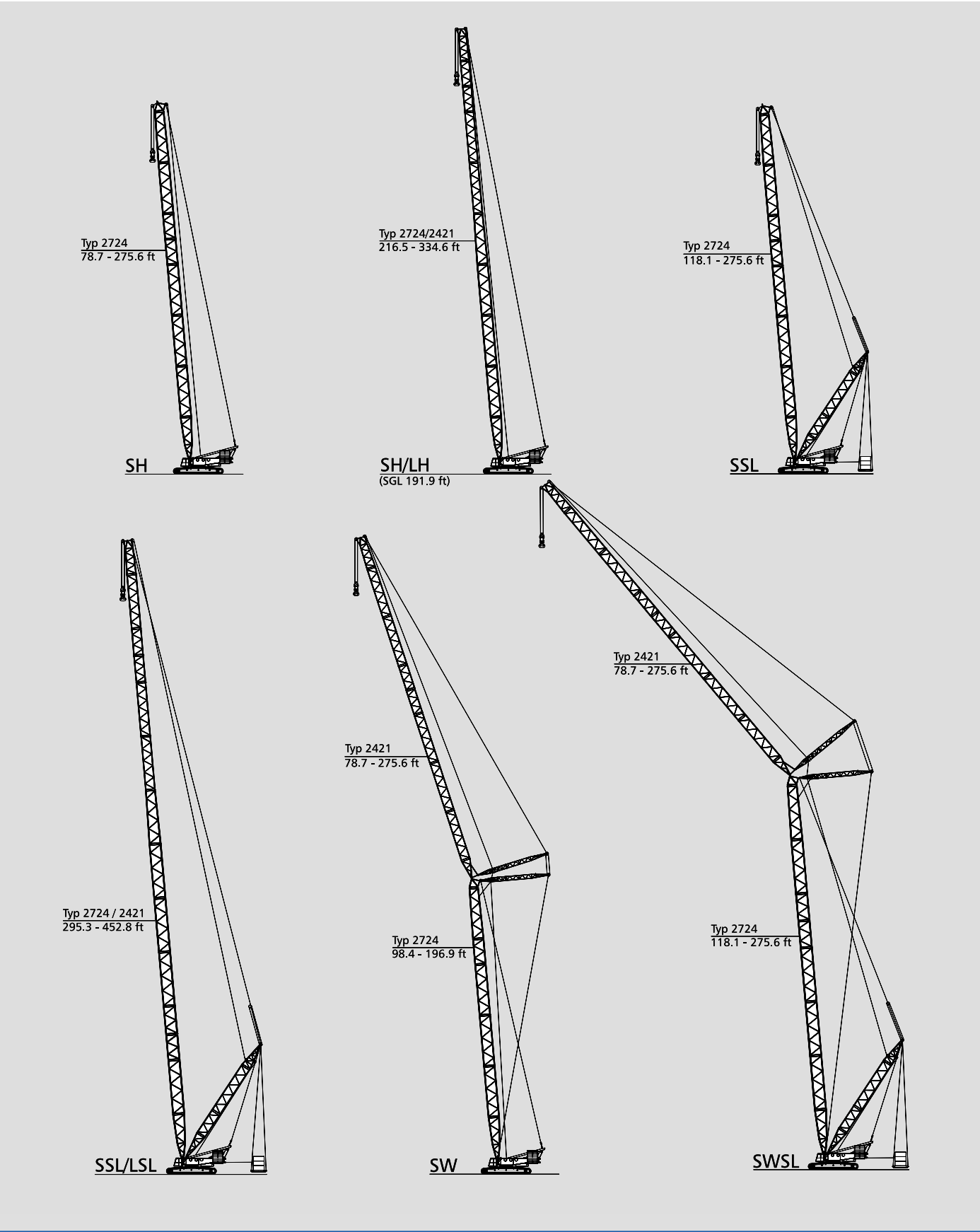


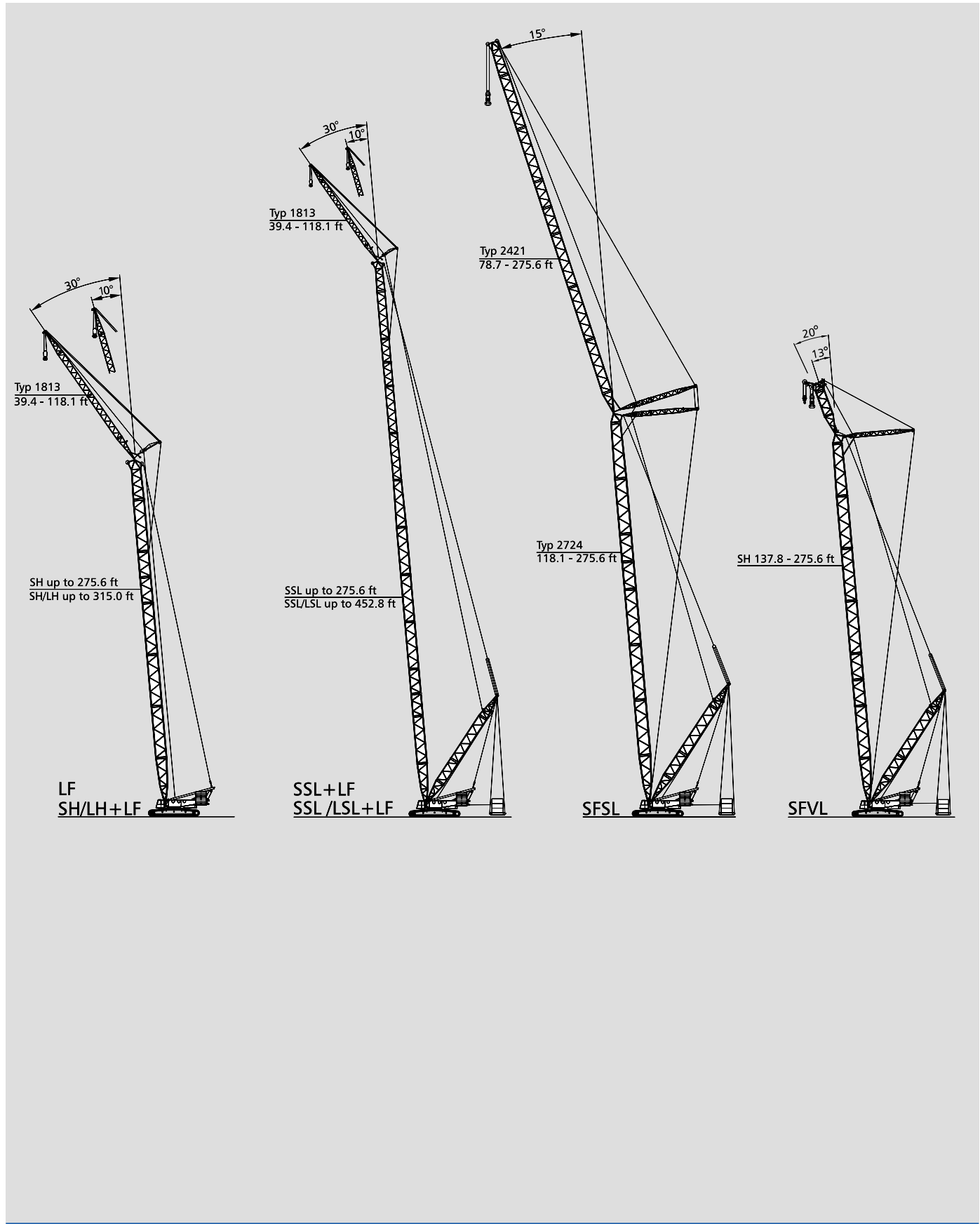
[MAIN MENUE](#)

[CONTENTS](#)



Boom combinations







Specifications

Erection / lowering of the CC 2800 boom systems to the ground

Version	Main boom ft	Fly jib ft	Counterweight lb	Central ballast lb	Remarks
SH	78.7 - 236.2 255.9 - 275.6**	–	397,000	132,000	
SH/LH	216.5 - 275.6 295.3 - 334.6**	–	397,000	132,000	
SW	98.4 - 157.5 177.2 - 216.5	78.7 - 275.6 78.7 - 275.6**	397,000 397,000	132,000 132,000	Without add. sheave assembly on boom head
LF 10°, 30°	98.4 - 236.2 275.6	39.4 - 118.1 39.4 - 118.1**	397,000 397,000	132,000 132,000	Without add. sheave assembly on boom head
LF on SH/LH 10°, 30°	98.4 - 275.6 295.3 - 334.6	39.4 - 118.1 39.4 - 118.1**	397,000 397,000	132,000 132,000	Without add. sheave assembly on boom head
SSL	118.1 - 275.6	–	–	–	with SL-counterweight
SSL/LSL	295.3 - 452.8	–	–	–	with SL-counterweight
SWSL/SFSL/ SFVL	118.1 - 275.6	78.7 - 275.6	–	–	with SL-counterweight

Remarks

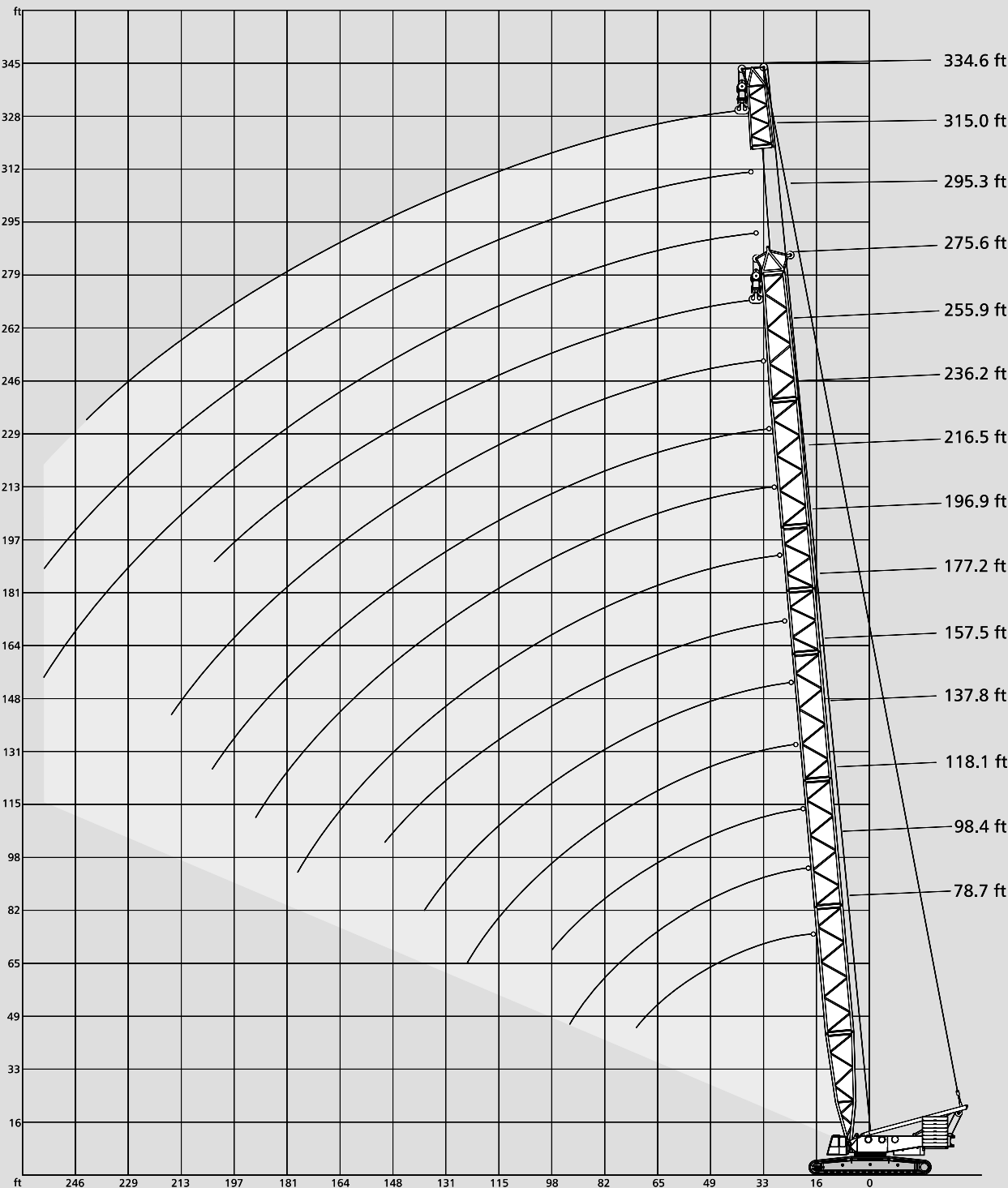
All versions without runner! Further details on request! Erection over idler wheel for all versions!

** Only with assist crane or auxiliary equipment



Working ranges main boom

SH, SH/LH



[MAIN MENU](#)

[CONTENTS](#)



Lifting capacities main boom

397,000 lb¹⁾  27.6 ft 360° DIN/ISO

		Main boom											
	Radius	ft	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6
		ft	1,000 lb										
	19		1322.8	-	-	-	-	-	-	-	-	-	-
	23		1263.2	1256.6	1250.0	-	-	-	-	-	-	-	-
	26		1115.5	1108.9	1100.1	1095.7	1089.1	-	-	-	-	-	-
	29		892.9	890.7	886.3	884.1	881.8	881.8	879.6	-	-	-	-
	33		734.1	729.7	727.5	723.1	720.9	720.9	718.7	716.5	663.6	-	-
	39		537.9	533.5	529.1	526.9	522.5	522.5	520.3	518.1	518.1	515.9	467.4
	46		421.1	416.7	412.3	410.1	405.7	405.7	403.4	401.2	399.0	399.0	394.6
	52		343.9	339.5	337.3	332.9	328.5	328.5	324.1	324.1	321.9	319.7	317.5
	59		291.0	286.6	282.2	277.8	275.6	273.4	269.0	269.0	266.8	264.6	262.4
	65		249.1	244.7	240.3	238.1	233.7	231.5	229.3	227.1	224.9	222.7	220.5
	72		218.3	213.8	209.4	205.0	202.8	200.6	196.2	196.2	194.0	191.8	187.4
SH	79		-	189.6	185.2	180.8	176.4	174.2	172.0	169.8	167.6	165.3	163.1
	85		-	169.8	165.3	160.9	156.5	154.3	152.1	149.9	147.7	145.5	141.1
	92		-	154.3	147.7	143.3	138.9	136.7	134.5	132.3	130.1	127.9	123.5
	98		-	-	134.5	130.1	125.7	123.5	119.0	116.8	114.6	114.6	110.2
	111		-	-	-	108.0	103.6	99.2	97.0	94.8	92.6	90.4	86.0
	124		-	-	-	90.4	86.0	83.8	79.4	77.2	72.8	70.5	66.1
	138		-	-	-	-	72.8	70.5	66.1	61.7	59.5	57.3	52.9
	151		-	-	-	-	-	59.5	52.9	50.7	48.5	44.1	39.7
	164		-	-	-	-	-	-	44.1	41.9	37.5	35.3	30.9
	177		-	-	-	-	-	-	37.5	35.3	30.9	28.7	22.0
	190		-	-	-	-	-	-	-	28.7	24.3	22.0	15.4
	203		-	-	-	-	-	-	-	-	19.8	15.4	11.0
	216		-	-	-	-	-	-	-	-	-	11.0	-
	230		-	-	-	-	-	-	-	-	-	-	-

353,000 lb  27.6 ft 360° DIN/ISO

		Main boom											
	Radius	ft	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6
			1,000 lb										
	19	ft	1322.8	-	-	-	-	-	-	-	-	-	-
	23		1239.0	1232.4	1225.8	-	-	-	-	-	-	-	-
	26		1049.4	1047.2	1042.8	1040.6	1038.4	-	-	-	-	-	-
	29		822.3	820.1	817.9	813.5	811.3	811.3	809.1	-	-	-	-
	33		674.6	672.4	670.2	665.8	663.6	661.4	661.4	659.2	657.0	-	-
	39		493.8	491.6	487.2	482.8	480.6	478.4	476.2	476.2	474.0	474.0	467.4
	46		385.8	383.6	379.2	374.8	372.6	370.4	368.2	366.0	366.0	363.8	361.6
	52		315.3	313.1	308.6	304.2	302.0	299.8	297.6	295.4	293.2	291.0	288.8
	59		266.8	262.4	257.9	253.5	251.3	249.1	246.9	244.7	242.5	240.3	238.1
	65		229.3	224.9	220.5	216.1	211.6	209.4	207.2	205.0	205.0	202.8	198.4
	72		200.6	196.2	191.8	187.4	183.0	180.8	178.6	176.4	174.2	172.0	169.8
SH	79		-	172.0	167.6	163.1	160.9	158.7	154.3	152.1	152.1	149.9	145.5
	85		-	154.3	149.9	145.5	141.1	138.9	136.7	134.5	132.3	130.1	125.7
	92		-	138.9	134.5	130.1	125.7	123.5	119.0	119.0	116.8	114.6	110.2
	98		-	-	121.3	116.8	112.4	110.2	105.8	105.8	101.4	101.4	97.0
	111		-	-	-	97.0	92.6	88.2	86.0	83.8	79.4	77.2	72.8
	124		-	-	-	81.6	77.2	72.8	68.3	66.1	63.9	61.7	57.3
	138		-	-	-	-	63.9	59.5	55.1	52.9	50.7	46.3	41.9
	151		-	-	-	-	-	50.7	46.3	41.9	39.7	37.5	30.9
	164		-	-	-	-	-	-	37.5	33.1	30.9	28.7	22.0
	177		-	-	-	-	-	-	30.9	26.5	24.3	19.8	15.4
	190		-	-	-	-	-	-	-	22.0	17.6	15.4	-
	203		-	-	-	-	-	-	-	-	13.2	-	-

Remarks

¹⁾ with 132,000 lb central ballast

MAIN MENU

CONTENTS



397,000 lb¹⁾

 27.6 ft

360°

DIN/ISO

Main boom								
	Radius	216.5	236.2	255.9	275.6	295.3	315.0	334.6
	ft	1,000 lb						
	29	657.0	-	-	-	-	-	-
	33	657.0	549.0	445.3	-	-	-	-
	39	533.5	533.5	445.3	372.6	339.5	302.0	-
	46	414.5	414.5	383.6	330.7	339.5	302.0	238.1
	52	337.3	337.3	337.3	293.2	313.1	280.0	218.3
	59	282.2	282.2	282.2	262.4	277.8	260.1	200.6
	65	240.3	240.3	240.3	235.9	238.1	235.9	185.2
	72	209.4	209.4	207.2	205.0	205.0	202.8	172.0
	79	183.0	183.0	183.0	180.8	178.6	178.6	158.7
	85	163.1	163.1	160.9	158.7	158.7	156.5	149.9
	92	145.5	145.5	143.3	143.3	141.1	138.9	138.9
SH/LH	98	130.1	130.1	130.1	127.9	125.7	125.7	123.5
	111	108.0	108.0	105.8	103.6	103.6	101.4	101.4
	124	90.4	90.4	88.2	86.0	86.0	83.8	83.8
	138	77.2	75.0	75.0	72.8	70.5	68.3	68.3
	151	66.1	63.9	63.9	59.5	59.5	57.3	55.1
	164	55.1	55.1	52.9	50.7	48.5	46.3	46.3
	177	48.5	46.3	44.1	41.9	39.7	39.7	37.5
	190	41.9	39.7	37.5	35.3	33.1	30.9	30.9
	203	-	35.3	33.1	28.7	28.7	26.5	24.3
	216	-	-	28.7	24.3	22.0	19.8	19.8
	230	-	-	24.3	19.8	17.6	15.4	15.4
	243	-	-	-	17.6	15.4	13.2	11.0
	256	-	-	-	-	11.0	8.8	-
	269	-	-	-	-	-	-	-

353,000 lb

 27.6 ft

360°

DIN/ISO

Main boom								
	Radius	216.5	236.2	255.9	275.6	295.3	315.0	334.6
	ft	1,000 lb						
	29	657.0	-	-	-	-	-	-
	33	657.0	549.0	445.3	-	-	-	-
	39	489.4	489.4	445.3	372.6	339.5	302.0	-
	46	381.4	381.4	381.4	330.7	339.5	302.0	238.1
	52	308.6	308.6	308.6	293.2	306.4	280.0	218.3
	59	257.6	257.9	257.9	255.7	253.5	253.5	200.6
	65	220.5	220.5	218.3	216.1	216.1	213.8	185.2
	72	189.6	189.6	189.6	187.4	187.4	185.2	172.0
	79	167.6	167.6	165.3	163.1	163.1	160.9	158.7
	85	147.7	147.7	145.5	143.3	143.3	141.1	141.1
	92	132.3	132.3	130.1	127.9	127.9	125.7	125.7
SH/LH	98	119.0	116.8	116.8	114.6	114.6	112.4	110.2
	111	97.0	97.0	94.8	92.6	92.6	90.4	90.4
	124	79.4	79.4	79.4	77.2	75.0	72.8	72.8
	138	68.3	66.1	66.1	63.9	61.7	59.5	57.3
	151	57.3	55.1	55.1	52.9	50.7	48.5	46.3
	164	48.5	46.3	46.3	41.9	41.9	39.7	37.5
	177	39.7	39.7	37.5	35.3	33.1	30.9	30.9
	190	35.3	33.1	30.9	28.7	26.5	24.3	24.3
	203	-	28.7	26.5	24.3	22.0	19.8	17.6
	216	-	-	22.0	19.8	17.6	15.4	13.2
	230	-	-	17.6	15.4	13.2	11.0	8.8
	243	-	-	-	11.0	8.8	-	-

Remarks

¹⁾ with 132,000 lb central ballast



Lifting capacities main boom with Superlift

397,000 lb¹⁾  27.6 ft SL-Radius 49.2 ft 360° DIN/ISO

118.1 ft Main boom									
Radius									
	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5	
ft	1,000 lb								
23	1269.9	1322.8	1322.8	-	-	-	-	1322.8	
26	1106.7	1258.8	1278.7	1291.9	-	-	-	1322.8	
29	934.8	1124.4	1239.0	1263.2	1291.9	-	-	1322.8	
33	776.0	994.3	1128.8	1232.4	1269.9	-	-	1311.8	
39	566.6	765.0	925.9	1040.6	1137.6	1208.1	-	1208.1	
46	443.1	599.7	758.4	881.8	976.6	1058.2	1091.3	1091.3	
52	361.6	491.6	621.7	747.4	848.8	925.9	972.2	972.2	
SSL	59	302.0	414.5	526.9	639.3	736.3	822.3	857.6	857.6
	65	260.1	357.1	454.2	553.4	648.2	727.5	749.6	749.6
	72	227.1	313.1	399.0	487.2	573.2	650.4	661.4	661.4
	79	200.6	277.8	354.9	434.3	511.5	588.6	590.8	590.8
	85	178.6	249.1	319.7	390.2	460.8	533.5	537.9	537.9
	92	160.9	224.9	291.0	354.9	421.1	485.0	489.4	489.4
	98	145.5	205.0	264.6	326.3	385.8	432.1	432.1	432.1

177.2 ft Main boom									
Radius									
	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5	
ft	1,000 lb								
29	934.8	1111.1	1142.0	1142.0	-	-	-	1142.0	
33	769.4	996.5	1115.5	1133.2	1142.0	-	-	1142.0	
39	557.8	756.2	925.9	1027.4	1113.3	1142.0	-	1142.0	
46	434.3	590.8	749.6	877.4	963.4	1045.0	1095.7	1095.7	
52	352.7	482.8	612.9	743.0	840.0	912.7	965.6	965.6	
59	293.2	405.7	518.1	630.5	731.9	809.1	857.6	857.6	
65	251.3	348.3	445.3	544.5	641.5	720.9	767.2	767.2	
SSL	72	216.1	304.2	390.2	476.2	564.4	643.8	692.3	692.3
	79	189.6	269.0	346.1	423.3	502.7	579.8	628.3	628.3
	85	167.6	238.1	310.9	381.4	451.9	522.5	577.6	577.6
	92	149.9	216.1	280.0	343.9	410.1	474.0	533.5	533.5
	98	134.5	194.0	253.5	315.3	374.8	434.3	493.8	493.8
	111	110.2	163.1	213.8	266.8	317.5	370.4	421.1	425.5
	124	92.6	138.9	183.0	229.3	275.6	321.9	363.8	363.8
	138	79.4	119.0	160.9	200.6	242.5	282.2	313.1	313.1
	151	68.3	105.8	141.1	178.6	216.1	253.5	273.4	273.4

137.8 ft Main boom									
Radius									
	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5	
ft	1,000 lb								
26	1104.5	1254.4	1272.1	1278.7	-	-	-	1289.7	
29	932.6	1119.9	1223.6	1243.4	1265.5	-	-	1289.7	
33	771.6	992.1	1124.4	1212.5	1250.0	-	-	1289.7	
39	562.2	760.6	923.7	1036.2	1131.0	1203.7	-	1203.7	
46	438.7	595.2	754.0	877.4	970.0	1053.8	1053.8	1053.8	
52	357.1	487.2	619.5	745.2	846.6	921.5	928.1	928.1	
SSL	59	299.8	410.1	522.5	634.9	734.1	817.9	826.7	826.7
	65	255.7	352.7	451.9	549.0	646.0	725.3	743.0	743.0
	72	222.7	308.6	396.8	482.8	568.8	646.0	674.6	674.6
	79	196.2	273.4	352.7	429.9	507.1	584.2	617.3	617.3
	85	174.2	244.7	315.3	385.8	456.4	529.1	566.6	566.6
	92	156.5	220.5	286.6	350.5	416.7	480.6	520.3	520.3
	98	141.1	200.6	260.1	321.9	381.4	440.9	476.2	476.2
	111	116.8	169.8	220.5	273.4	324.1	377.0	394.6	394.6
	124	101.4	145.5	191.8	238.1	284.4	317.5	-	317.5

196.9 ft Main boom									
Radius									
	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5	
ft	1,000 lb								
29	937.0	1007.5	1011.9	1018.5	-	-	-	1025.2	
33	767.2	996.5	1011.9	1018.5	-	-	-	1025.2	
39	555.6	754.0	925.9	974.4	1003.1	-	-	1025.2	
46	432.1	588.6	747.4	875.2	959.0	1025.2	-	1025.2	
52	350.5	480.6	610.7	743.0	835.6	908.3	932.6	932.6	
59	291.0	403.4	515.9	626.1	729.7	804.7	831.1	831.1	
65	246.9	346.1	443.1	540.1	639.3	720.9	745.2	745.2	
SSL	72	213.8	299.8	388.0	474.0	560.0	641.5	674.6	674.6
	79	187.4	264.6	343.9	421.1	498.2	577.6	612.9	612.9
	85	165.3	235.9	306.4	377.0	447.5	520.3	562.2	562.2
	92	147.7	211.6	277.8	341.7	405.7	471.8	518.1	518.1
	98	132.3	191.8	251.3	310.9	370.4	432.1	482.8	482.8
	111	108.0	158.7	211.6	262.4	315.3	366.0	418.9	425.5
	124	88.2	134.5	180.8	227.1	271.2	317.5	363.8	374.8
	138	75.0	116.8	156.5	198.4	238.1	280.0	319.7	330.7
	151	61.7	101.4	136.7	174.2	211.6	249.1	284.4	291.0
	164	52.9	88.2	121.3	156.5	189.6	222.7	251.3	251.3
	177	46.3	79.4	110.2	141.1	172.0	202.8	213.8	213.8

157.5 ft Main boom									
Radius									
	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5	
ft	1,000 lb								
26	1104.5	1190.5	1199.3	1208.1	-	-	-	1230.2	
29	932.6	1113.3	1199.3	1208.1	-	-	-	1230.2	
33	769.4	994.3	1119.9	1177.3	1201.5	-	-	1230.2	
39	560.0	758.4	923.7	1029.6	1126.6	1223.6	-	1230.2	
46	436.5	593.0	751.8	877.4	965.6	1049.4	1073.7	1073.7	
52	354.9	485.0	615.1	743.0	844.4	917.1	937.0	937.0	
59	295.4	407.9	520.3	630.5	731.9	813.5	826.7	826.7	
65	253.5	350.5	447.5	546.7	643.8	723.1	738.5	738.5	
SSL	72	218.3	306.4	392.4	478.4	566.6	643.8	668.0	668.0
	79	191.8	271.2	348.3	425.5	504.9	582.0	610.7	610.7
	85	169.8	242.5	313.1	383.6	454.2	524.7	564.4	564.4
	92	152.1	218.3	282.2	346.1	412.3	476.2	524.7	524.7
	98	136.7	198.4	257.9	317.5	377.0	436.5	487.2	487.2
	111	114.6	165.3	218.3	269.0	321.9	372.6	418.9	418.9
	124	94.8	141.1	187.4	233.7	277.8	324.1	357.1	357.1
	138	81.6	123.5	163.1	205.0	244.7	286.6	295.4	295.4

216.5 ft Main boom									
Radius									
	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5	
ft	1,000 lb								
33	765.0	868.6	879.6	890.7	-	-	-	906.1	
39	555.6	754.0	840.0	864.2	888.5	-	-	906.1	
46	429.9	588.6	745.2	837.8	875.2	906.1	-	906.1	
52	348.3	478.4	610.7	740.8	833.3	890.7	890.7	890.7	
59	288.8	401.2	513.7	626.1	729.7	802.5	809.1	809.1	
65	246.9	343.9	440.9	540.1	637.1	718.7	736.3	736.3	
72	211.6	299.8	385.8	471.8	560.0	641.5	672.4	672.4	
79	185.2	262.4	341.7	418.9	498.2	575.4	617.3	617.3	
SSL	85	163.1	233.7	304.2	374.8	447.5	518.1	568.8	568.8
	92	145.5	209.4	275.6	339.5	405.7	469.6	524.7	524.7
	98	130.1	189.6	249.1	308.6	368.2	429.9	487.2	487.2
	111	105.8	156.5	209.4	260.1	313.1	363.8	416.7	425.5
	124	86.0	132.3	178.6	224.9	269.0	315.3	361.6	372.6
	138	72.8	112.4	154.3	196.2	235.9	277.8	317.5	328.5
	151	59.5	99.2	134.5	172.0	209.4	246.9	282.2	293.2
	164	50.7	86.0	119.0	152.1	187.4	220.5	253.5	262.4
	177	41.9	75.0	105.8	136.7	167.6	200.6	229.3	229.3
	190	35.3	66.1	97.0	125.7	154.3	183.0	198.4	198.4



275.6 ft Main boom

SSL										
Radius		0	110.2	220.5	330.7	440.9	551.2	661.4	716.5	
ft		1,000 lb								
	39	549.0	595.2	601.9	-	-	-	-	619.5	
	46	423.3	582.0	590.8	599.7	-	-	-	619.5	
	52	341.7	471.8	579.8	590.8	604.1	-	-	619.5	
	59	282.2	394.6	507.1	584.2	599.7	619.5	-	619.5	
	65	238.1	337.3	434.3	531.3	586.4	608.5	-	608.5	
	72	205.0	291.0	379.2	465.2	551.2	588.6	588.6	588.6	
	79	178.6	255.7	332.9	412.3	489.4	568.8	568.8	568.8	
	85	156.5	227.1	297.6	368.2	438.7	509.3	546.7	546.7	
	92	136.7	202.8	266.8	332.9	396.8	460.8	522.5	522.5	
SSL	98	121.3	180.8	242.5	302.0	361.6	421.1	480.6	491.6	
	111	97.0	149.9	200.6	253.5	304.2	357.1	407.9	421.1	
	124	77.2	123.5	169.8	216.1	262.4	306.4	352.7	366.0	
	138	61.7	105.8	145.5	187.4	227.1	269.0	308.6	321.9	
	151	48.5	88.2	125.7	163.1	200.6	235.9	273.4	286.6	
	164	39.7	75.0	110.2	143.3	176.4	211.6	244.7	255.7	
	177	30.9	63.9	97.0	127.9	158.7	189.6	220.5	231.5	
	190	24.3	55.1	83.8	114.6	143.3	172.0	200.6	211.6	
	203	17.6	46.3	75.0	103.6	130.1	156.5	183.0	191.8	
	216	13.2	39.7	66.1	92.6	116.8	143.3	167.6	169.8	
	230	-	33.1	59.5	83.8	108.0	132.3	152.1	152.1	
	243	-	28.7	52.9	75.0	99.2	121.3	134.5	134.5	

Superlift mast 98.4 ft

CONTENTS



Lifting capacities main boom with Superlift

397,000 lb¹⁾  27.6 ft SL-Radius 49.2 ft 360° DIN/ISO

295.3 ft Main boom

	Radius ft	1,000 lb						
		0	110.2	220.5	330.7	440.9	551.2	661.4
	39	526.9	526.9	529.1	-	-	-	546.7
	46	438.7	526.9	529.1	535.7	-	-	546.7
	52	354.9	487.2	529.1	535.7	-	-	546.7
	59	297.6	407.9	520.3	535.7	540.1	-	546.7
	65	253.5	350.5	447.5	533.5	537.9	-	542.3
	72	218.3	304.2	392.4	478.4	522.5	531.3	531.3
	79	191.8	269.0	346.1	425.5	502.7	518.1	518.1
	85	169.8	240.3	310.9	381.4	451.9	507.1	507.1
	92	149.9	216.1	280.0	343.9	410.1	474.0	493.8
	98	134.5	194.0	253.5	315.3	374.8	434.3	467.4
	111	110.2	160.9	213.8	264.6	317.5	368.2	421.1
SSL/LSL	124	90.4	136.7	183.0	227.1	273.4	319.7	363.8
	138	75.0	116.8	156.5	198.4	240.3	280.0	321.9
	151	61.7	101.4	136.7	174.2	211.6	249.1	284.4
	164	52.9	88.2	121.3	154.3	189.6	222.7	255.7
	177	44.1	77.2	108.0	138.9	169.8	200.6	231.5
	190	35.3	66.1	97.0	125.7	154.3	183.0	211.6
	203	28.7	57.3	86.0	112.4	138.9	165.3	194.0
	216	24.3	50.7	77.2	103.6	127.9	152.1	174.2
	230	19.8	44.1	70.5	92.6	116.8	141.1	158.7
	243	15.4	39.7	61.7	86.0	108.0	130.1	147.7
	256	13.2	35.3	57.3	79.4	99.2	121.3	136.7

334.6 ft Main boom

	Radius ft	1,000 lb						
		0	110.2	220.5	330.7	440.9	551.2	661.4
	46	381.4	385.8	388.0	-	-	-	399.0
	52	354.9	383.6	383.6	-	-	-	394.6
	59	295.4	379.2	381.4	383.6	-	-	392.4
	65	251.3	348.3	377.0	379.2	-	-	388.0
	72	218.3	304.2	372.6	377.0	-	-	383.6
	79	189.6	269.0	346.1	372.6	377.0	-	379.2
	85	167.6	238.1	308.6	370.4	372.6	-	374.8
	92	149.9	213.8	277.8	343.9	368.2	370.4	370.4
	98	134.5	194.0	253.5	313.1	363.8	366.0	366.0
	111	108.0	160.9	211.6	264.6	315.3	343.9	343.9
	124	90.4	134.5	180.8	227.1	271.2	317.5	319.7
SSL/LSL	138	72.8	114.6	156.5	196.2	238.1	277.8	295.4
	151	61.7	99.2	136.7	174.2	209.4	246.9	273.4
	164	50.7	86.0	119.0	154.3	187.4	220.5	251.3
	177	41.9	75.0	105.8	136.7	167.6	198.4	229.3
	190	33.1	63.9	94.8	123.5	152.1	180.8	209.4
	203	26.5	55.1	83.8	110.2	138.9	165.3	191.8
	216	22.0	48.5	75.0	101.4	125.7	149.9	176.4
	230	17.6	41.9	66.1	92.6	114.6	138.9	160.9
	243	13.2	37.5	59.5	83.8	105.8	127.9	149.9
	256	8.8	30.9	52.9	77.2	97.0	119.0	138.9
	269	-	26.5	48.5	68.3	90.4	110.2	130.1
	282	-	24.3	44.1	63.9	83.8	101.4	119.0
	295	-	19.8	39.7	57.3	77.2	94.8	105.8

315.0 ft Main boom

	ft	1,000 lb						
		0	110.2	220.5	330.7	440.9	551.2	661.4
	39	456.4	456.4	458.6	-	-	-	474.0
	46	438.7	454.2	456.4	-	-	-	471.8
	52	354.9	449.7	454.2	460.8	-	-	469.6
	59	295.4	407.9	451.9	458.6	-	-	467.4
	65	251.3	350.5	447.5	456.4	460.8	-	465.2
	72	218.3	304.2	390.2	449.7	454.2	-	460.8
	79	189.6	269.0	346.1	425.5	445.3	451.9	451.9
	85	167.6	238.1	310.9	381.4	436.5	445.3	445.3
	92	149.9	213.8	280.0	343.9	410.1	438.7	438.7
	98	134.5	194.0	253.5	313.1	372.6	427.7	427.7
SSL/LSL	111	110.2	160.9	211.6	264.6	315.3	368.2	392.4
	124	90.4	136.7	180.8	227.1	273.4	317.5	359.4
	138	75.0	116.8	156.5	198.4	238.1	280.0	319.7
	151	61.7	99.2	136.7	174.2	211.6	246.9	284.4
	164	50.7	86.0	121.3	154.3	187.4	222.7	255.7
	177	41.9	75.0	105.8	138.9	169.8	200.6	231.5
	190	35.3	66.1	94.8	123.5	152.1	180.8	209.4
	203	28.7	57.3	86.0	112.4	138.9	165.3	191.8
	216	24.3	50.7	77.2	101.4	125.7	152.1	176.4
	230	17.6	44.1	68.3	92.6	116.8	138.9	163.1
	243	13.2	37.5	61.7	83.8	105.8	127.9	149.9
	256	11.0	33.1	55.1	77.2	99.2	119.0	141.1
	269	-	28.7	50.7	70.5	90.4	110.2	127.9

354.3 ft Main boom

	ft	1,000 lb						
		0	110.2	220.5	330.7	440.9	551.2	661.4
	46	324.1	324.1	-	-	-	-	337.3
	52	315.3	317.5	319.7	-	-	-	330.7
	59	293.2	308.6	313.1	-	-	-	324.1
	65	249.1	302.0	306.4	-	-	-	319.7
	72	216.1	295.4	302.0	306.4	-	-	313.1
	79	187.4	266.8	295.4	302.0	-	-	306.4
	85	165.3	235.9	288.8	295.4	-	-	299.8
	92	147.7	211.6	275.6	288.8	291.0	-	293.2
	98	132.3	191.8	251.3	282.2	284.4	-	286.6
	111	105.8	158.7	209.4	262.4	271.2	-	273.4
SSL/LSL	124	86.0	132.3	178.6	224.9	257.9	262.4	262.4
	138	70.5	112.4	154.3	194.0	235.9	251.3	251.3
	151	57.3	97.0	134.5	169.8	207.2	238.1	238.1
	164	48.5	83.8	116.8	152.1	185.2	218.3	227.1
	177	39.7	70.5	103.6	134.5	165.3	196.2	216.1
	190	30.9	61.7	92.6	121.3	149.9	178.6	205.0
	203	24.3	52.9	81.6	108.0	134.5	163.1	189.6
	216	19.8	46.3	72.8	99.2	123.5	147.7	174.2
	230	13.2	39.7	63.9	88.2	112.4	136.7	158.7
	243	11.0	33.1	57.3	81.6	103.6	125.7	147.7
	256	-	28.7	50.7	72.8	94.8	116.8	136.7
	269	-	24.3	46.3	66.1	88.2	108.0	127.9
	282	-	19.8	39.7	59.5	81.6	99.2	119.0
	295	-	17.6	35.3	55.1	75.0	92.6	108.0
	308	-	13.2	30.9	50.7	68.3	86.0	97.0

Remarks

¹⁾ with 132,000 lb central ballast

Superlift mast 98.4 ft

[MAIN MENUE](#)
[CONTENTS](#)


397,000 lb¹⁾  **27.6 ft** **SL-Radius 49.2 ft** **360°** **DIN/ISO**
374.0 ft Main boom

	Radius ft	1,000 lb						
		0	110.2	220.5	330.7	440.9	551.2	661.4
	46	284.4	284.4	-	-	-	-	295.4
	52	277.8	280.0	-	-	-	-	291.0
	59	273.4	275.6	277.8	-	-	-	288.8
	65	249.1	273.4	275.6	-	-	-	284.4
	72	213.8	269.0	271.2	-	-	-	280.0
	79	187.4	264.6	269.0	271.2	-	-	277.8
	85	165.3	235.9	264.6	269.0	-	-	273.4
	92	145.5	211.6	262.4	264.6	-	-	269.0
	98	130.1	189.6	251.3	262.4	264.6	-	264.6
	111	105.8	156.5	209.4	255.7	255.7	-	257.9
	124	86.0	132.3	178.6	222.7	244.7	249.1	249.1
	138	70.5	112.4	152.1	194.0	233.7	238.1	238.1
	151	57.3	97.0	132.3	169.8	207.2	229.3	229.3
SSL/LSL	164	46.3	81.6	116.8	149.9	183.0	218.3	218.3
	177	37.5	70.5	103.6	134.5	165.3	196.2	209.4
	190	30.9	61.7	90.4	119.0	147.7	176.4	200.6
	203	24.3	52.9	81.6	108.0	134.5	160.9	187.4
	216	17.6	44.1	70.5	97.0	121.3	147.7	172.0
	230	13.2	37.5	63.9	88.2	112.4	134.5	158.7
	243	8.8	33.1	55.1	79.4	101.4	123.5	145.5
	256	-	26.5	50.7	72.8	94.8	114.6	136.7
	269	-	22.0	44.1	66.1	86.0	105.8	125.7
	282	-	19.8	39.7	59.5	79.4	99.2	116.8
	295	-	15.4	35.3	52.9	72.8	92.6	110.2
	308	-	11.0	30.9	48.5	66.1	86.0	99.2
	321	-	8.8	26.5	44.1	61.7	79.4	90.4

413.4 ft Main boom

	Radius ft	1,000 lb						
		0	110.2	220.5	330.7	440.9	551.2	661.4
	52	233.7	233.7	-	-	-	-	240.3
	59	229.3	231.5	-	-	-	-	238.1
	65	227.1	229.3	231.5	-	-	-	238.1
	72	213.8	227.1	229.3	-	-	-	235.9
	79	187.4	224.9	227.1	-	-	-	233.7
	85	163.1	222.7	224.9	227.1	-	-	231.5
	92	145.5	209.4	224.9	227.1	-	-	229.3
	98	130.1	189.6	222.7	224.9	-	-	227.1
	111	103.6	156.5	207.2	220.5	222.7	-	222.7
	124	83.8	130.1	176.4	216.1	218.3	-	218.3
	138	68.3	110.2	152.1	191.8	211.6	213.8	213.8
	151	55.1	94.8	132.3	169.8	205.0	207.2	207.2
	164	44.1	81.6	114.6	149.9	183.0	200.6	200.6
SSL/LSL	177	35.3	68.3	101.4	132.3	163.1	194.0	194.0
	190	28.7	59.5	90.4	119.0	147.7	176.4	187.4
	203	22.0	50.7	79.4	105.8	132.3	158.7	180.8
	216	15.4	41.9	70.5	94.8	121.3	145.5	169.8
	230	11.0	35.3	61.7	86.0	110.2	134.5	156.5
	243	-	30.9	55.1	77.2	101.4	123.5	145.5
	256	-	26.5	48.5	70.5	92.6	112.4	134.5
	269	-	19.8	41.9	63.9	83.8	103.6	123.5
	282	-	17.6	37.5	57.3	77.2	97.0	114.6
	295	-	13.2	33.1	50.7	70.5	90.4	108.0
	308	-	8.8	28.7	46.3	63.9	83.8	101.4
	321	-	-	24.3	41.9	59.5	77.2	92.6
	335	-	-	19.8	37.5	55.1	70.5	86.0
	348	-	-	17.6	33.1	50.7	66.1	77.2
	361	-	-	15.4	30.9	46.3	61.7	70.5

393.7 ft Main boom

	ft	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5
		1,000 lb							
	46	262.4	262.4	-	-	-	-	-	269.0
	52	257.9	257.9	-	-	-	-	-	266.8
	59	253.5	255.7	255.7	-	-	-	-	264.6
	65	246.9	251.3	253.5	-	-	-	-	260.1
	72	213.8	249.1	251.3	-	-	-	-	257.9
	79	187.4	244.7	246.9	-	-	-	-	253.5
	85	165.3	235.9	244.7	246.9	-	-	-	251.3
	92	145.5	211.6	240.3	244.7	-	-	-	246.9
	98	130.1	189.6	238.1	240.3	-	-	-	244.7
	111	105.8	156.5	209.4	231.5	233.7	-	-	235.9
	124	86.0	132.3	176.4	222.7	227.1	-	-	229.3
	138	70.5	112.4	152.1	194.0	218.3	220.5	-	220.5
SSL/LSL	151	57.3	94.8	132.3	169.8	207.2	213.8	-	213.8
	164	46.3	81.6	116.8	149.9	183.0	205.0	205.0	205.0
	177	37.5	70.5	101.4	132.3	165.3	196.2	198.4	198.4
	190	28.7	59.5	90.4	119.0	147.7	176.4	189.6	189.6
	203	22.0	50.7	79.4	108.0	134.5	160.9	180.8	180.8
	216	17.6	44.1	70.5	97.0	121.3	147.7	172.0	174.2
	230	13.2	37.5	61.7	88.2	110.2	134.5	158.7	165.3
	243	8.8	30.9	55.1	79.4	101.4	123.5	145.5	152.1
	256	-	26.5	48.5	70.5	92.6	114.6	134.5	141.1
	269	-	22.0	44.1	63.9	86.0	105.8	125.7	130.1
	282	-	17.6	37.5	57.3	77.2	97.0	116.8	119.0
	295	-	15.4	33.1	52.9	72.8	90.4	108.0	110.2
	308	-	11.0	28.7	48.5	66.1	83.8	101.4	101.4
	321	-	8.8	26.5	44.1	61.7	79.4	92.6	92.6
	335	-	-	22.0	39.7	55.1	72.8	83.8	83.8
	348	-	-	19.8	35.3	50.7	68.3	75.0	75.0

433.1 ft Main boom

	ft	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5
		1,000 lb							
	52	202.8	202.8	-	-	-	-	-	211.6
	59	198.4	200.6	-	-	-	-	-	209.4
	65	194.0	196.2	-	-	-	-	-	207.2
	72	191.8	194.0	196.2	-	-	-	-	205.0
	79	185.2	191.8	194.0	-	-	-	-	202.8
	85	160.9	189.6	191.8	-	-	-	-	200.6
	92	143.3	187.4	189.6	-	-	-	-	198.4
	98	127.9	185.2	189.6	191.8	-	-	-	196.2
	111	101.4	154.3	185.2	189.6	-	-	-	191.8
	124	81.6	127.9	174.2	187.4	187.4	-	-	189.6
	138	66.1	108.0	149.9	183.0	185.2	-	-	187.4
	151	52.9	92.6	130.1	167.6	180.8	183.0	-	183.0
SSL/LSL	164	41.9	79.4	112.4	147.7	176.4	180.8	-	180.8
	177	33.1	66.1	99.2	130.1	160.9	176.4	-	176.4
	190	26.5	57.3	86.0	116.8	145.5	172.0	172.0	172.0
	203	19.8	48.5	77.2	103.6	130.1	156.5	165.3	165.3
	216	13.2	39.7	66.1	92.6	119.0	143.3	160.9	160.9
	230	8.8	33.1	59.5	83.8	108.0	132.3	154.3	154.3
	243	-	28.7	50.7	75.0	99.2	121.3	143.3	145.5
	256	-	22.0	44.1	68.3	90.4	110.2	132.3	134.5
	269	-	17.6	39.7	59.5	81.6	101.4	121.3	125.7
	282	-	13.2	35.3	55.1	75.0	94.8	112.4	114.6
	295	-	11.0	28.7	48.5	68.3	86.0	105.8	108.0
	308	-	-	26.5	44.1	61.7	79.4	99.2	99.2
	321	-	-	22.0	39.7	57.3	75.0	90.4	90.4
	335	-	-	17.6	35.3	50.7	68.3	83.8	83.8
	348	-	-	15.4	30.9	46.3	63.9	77.2	77.2
	361	-	-	13.2	28.7	44.1	59.5	66.1	66.1
	374	-	-	8.8	24.3	39.7	55.1	55.1	55.1

MAIN MENUE**CONTENTS**



Lifting capacities main boom with Superlift

397,000 lb¹⁾

 27.6 ft

SL-Radius 49.2 ft

360°

DIN/ISO

452.8 ft Main boom								
								
Radius	0	110.2	220.5	330.7	440.9	551.2	606.3	
ft	1,000 lb							
52	174.2	174.2	-	-	-	-	180.8	
59	169.8	169.8	-	-	-	-	176.4	
65	163.1	165.3	-	-	-	-	174.2	
72	158.7	163.1	-	-	-	-	172.0	
79	154.3	158.7	160.9	-	-	-	169.8	
85	152.1	156.5	158.7	-	-	-	165.3	
92	141.1	154.3	156.5	-	-	-	163.1	
98	125.7	149.9	154.3	-	-	-	160.9	
111	101.4	145.5	147.7	152.1	-	-	156.5	
124	79.4	127.9	143.3	147.7	-	-	149.9	
138	63.9	108.0	138.9	141.1	-	-	145.5	
151	50.7	90.4	127.9	136.7	136.7	-	138.9	
164	39.7	77.2	112.4	130.1	132.3	-	134.5	
SSL/LSL	177	30.9	63.9	97.0	123.5	125.7	-	127.9
	190	24.3	55.1	86.0	114.6	119.0	121.3	121.3
	203	17.6	46.3	75.0	103.6	112.4	114.6	114.6
	216	11.0	37.5	63.9	92.6	105.8	108.0	108.0
	230	-	30.9	57.3	81.6	97.0	101.4	101.4
	243	-	26.5	48.5	72.8	90.4	92.6	92.6
	256	-	19.8	44.1	66.1	93.8	86.0	86.0
	269	-	15.4	37.5	59.5	77.2	79.4	79.4
	282	-	13.2	33.1	52.9	68.3	70.5	70.5
	295	-	8.8	28.7	46.3	61.7	61.7	61.7
	308	-	-	24.3	41.9	52.9	55.1	55.1
	321	-	-	19.8	37.5	44.1	46.3	46.3
	335	-	-	15.4	33.1	37.5	37.5	37.5
	348	-	-	13.2	28.7	28.7	28.7	28.7
	361	-	-	11.0	19.8	19.8	19.8	19.8

Remarks

¹⁾ with 132,000 lb central ballast

Superlift mast 98.4 ft

MAIN MENU

CONTENTS

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

Crane operation is permissible up to a
wind pressure of 1.25 lb/ft²
wind speed of 32 ft/s

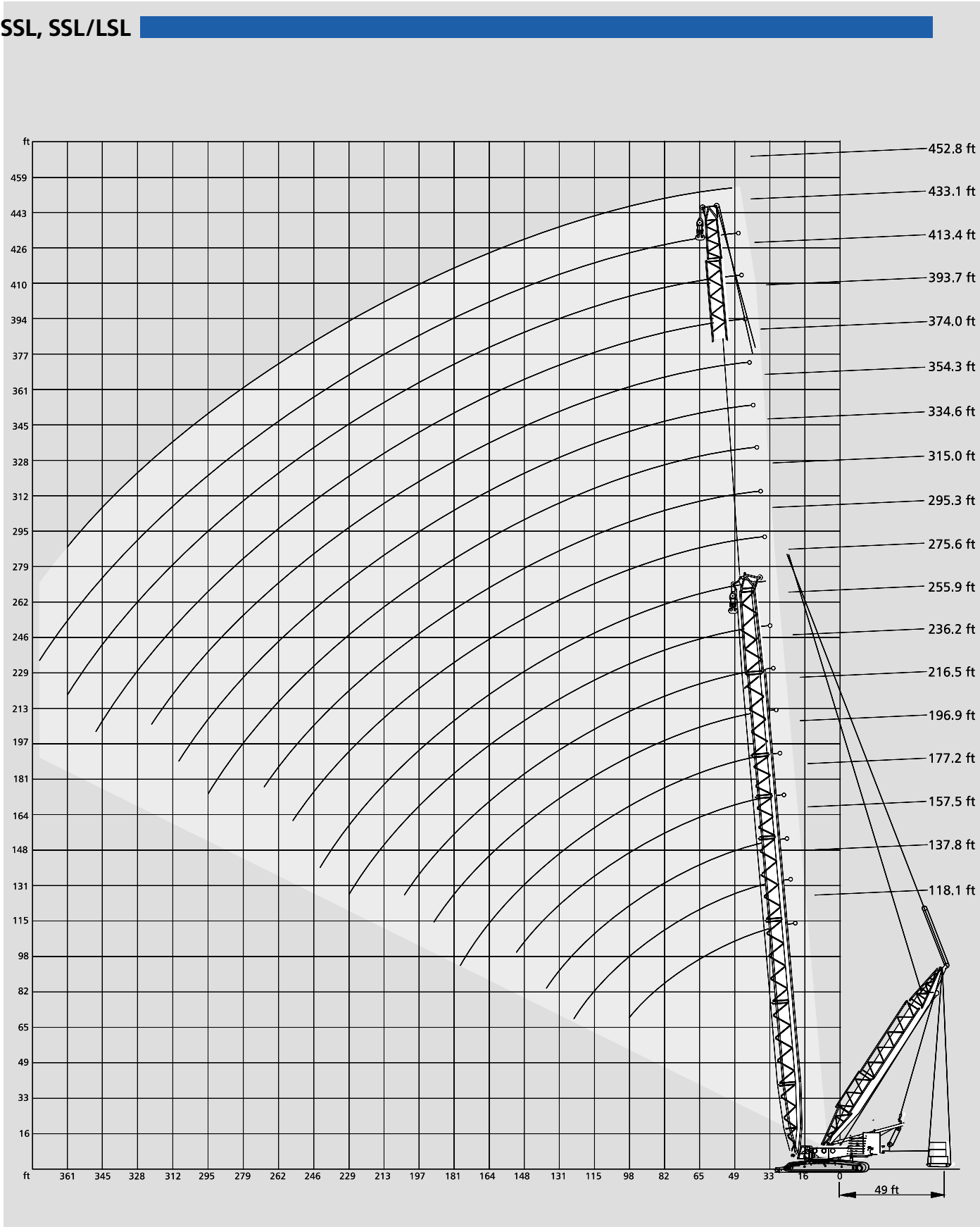
Consult operation manual for further details on wind speed.
Machine must be on firm and level ground to utilize max. tabulated ratings. Boom lengths and load must be reduced in case of out-of-level conditions or travel on uneven ground.

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.



Working ranges main boom with Superlift

SSL, SSL/LSL



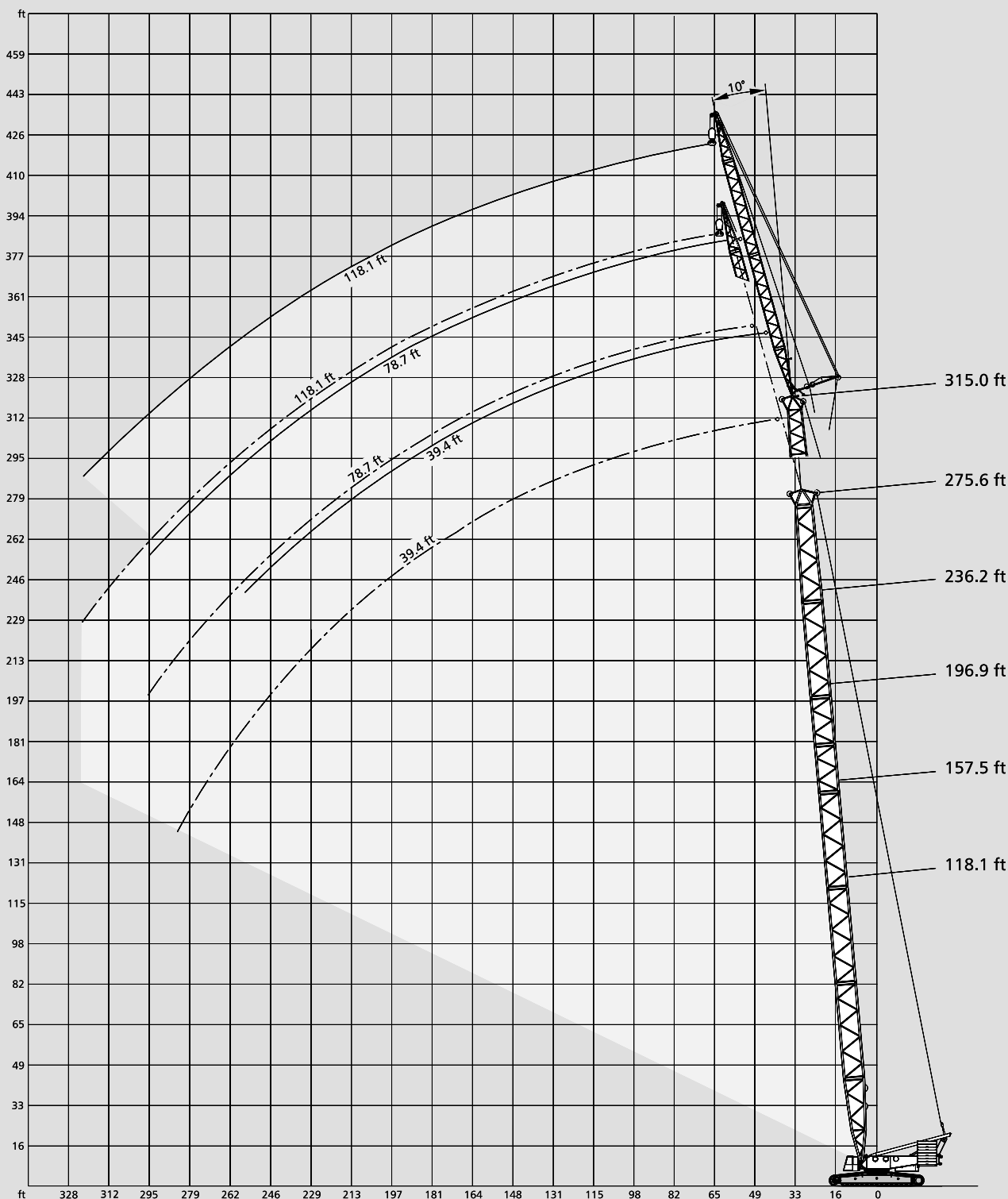
[MAIN MENUE](#)

[CONTENTS](#)



Working ranges fixed fly jib 10°

LF, SH/LH + LF



[MAIN MENU](#)

[CONTENTS](#)

Lifting capacities fixed fly jib

397,000 lb¹⁾

 27.6 ft

360°

DIN/ISO

118.1 ft Main boom							
		Fly jib					
		39.4 ft		78.7 ft		118.1 ft	
Radius		10°	30°	10°	30°	10°	30°
	ft	1,000 lb					
	29	176.4	-	-	-	-	-
	33	176.4	-	-	-	-	-
	39	176.4	-	-	-	-	-
	46	172.0	83.8	101.4	-	-	-
	52	154.3	79.4	90.4	-	70.5	-
	59	138.9	75.0	81.6	-	63.9	-
	65	125.7	70.5	75.0	44.1	57.3	-
	72	114.6	66.1	68.3	41.9	52.9	-
	79	108.0	63.9	63.9	39.7	48.5	-
	85	99.2	61.7	59.5	37.5	44.1	-
	92	92.6	59.5	55.1	35.3	41.9	26.5
LF	98	88.2	57.3	50.7	35.3	37.5	26.5
	111	77.2	52.9	46.3	30.9	33.1	24.3
	124	70.5	50.7	39.7	28.7	28.7	22.0
	138	63.9	-	37.5	26.5	26.5	19.8
	151	-	-	33.1	26.5	24.3	17.6
	164	-	-	30.9	24.3	22.0	17.6
	177	-	-	28.7	-	19.8	15.4
	190	-	-	-	-	17.6	15.4
	203	-	-	-	-	17.6	13.2
	216	-	-	-	-	15.4	-
	230	-	-	-	-	-	-
	243	-	-	-	-	-	-
	256	-	-	-	-	-	-
	269	-	-	-	-	-	-

196.9 ft Main boom				Fly jib			
Radius		39.4 ft		78.7 ft		118.1 ft	
		10°	30°	10°	30°	10°	30°
LF	ft			1,000 lb			
	39	176.4	-	-	-	-	-
	46	176.4	-	-	-	-	-
	52	176.4	83.8	105.8	-	-	-
	59	176.4	81.6	97.0	-	63.9	-
	65	163.1	77.2	88.2	-	63.9	-
	72	152.1	75.0	81.6	44.1	61.7	-
	79	141.1	72.8	77.2	41.9	57.3	-
	85	132.3	70.5	72.8	39.7	52.9	-
	92	123.5	68.3	68.3	39.7	50.7	-
	98	116.8	66.1	63.9	37.5	46.3	26.5
	111	105.8	61.7	57.3	35.3	41.9	24.3
	124	97.0	59.5	52.9	33.1	37.5	22.0
	138	83.8	55.1	48.5	30.9	33.1	22.0
	151	72.8	52.9	44.1	28.7	30.9	19.8
	164	61.7	50.7	39.7	28.7	28.7	19.8
	177	55.1	50.7	37.5	26.5	26.5	17.6
	190	46.3	-	35.3	26.5	24.3	17.6
	203	41.9	-	33.1	24.3	22.0	15.4
	216	-	-	30.9	24.3	19.8	15.4
230	-	-	30.9	-	19.8	15.4	
243	-	-	28.7	-	17.6	13.2	
256	-	-	-	-	17.6	13.2	
269	-	-	-	-	15.4	-	
282	-	-	-	-	15.4	-	
295	-	-	-	-	-	-	

157.5 ft Main boom							
	ft		1,000 lb				
	33	176.4	-	-	-	-	-
	39	176.4	-	-	-	-	-
	46	176.4	86.0	108.0	-	-	-
	52	174.2	81.6	99.2	-	68.3	-
	59	158.7	77.2	90.4	-	66.1	-
	65	145.5	75.0	81.6	-	61.7	-
	72	134.5	70.5	75.0	44.1	57.3	-
	79	125.7	68.3	70.5	41.9	52.9	-
	85	116.8	66.1	66.1	39.7	48.5	-
	92	110.2	63.9	61.7	37.5	46.3	28.7
	98	103.6	61.7	57.3	35.3	41.9	26.5
LF	111	92.6	57.3	50.7	33.1	37.5	24.3
	124	83.8	55.1	46.3	30.9	33.1	22.0
	138	77.2	52.9	41.9	28.7	30.9	19.8
	151	70.5	50.7	39.7	28.7	26.5	19.8
	164	66.1	-	35.3	26.5	24.3	17.6
	177	59.5	-	33.1	26.5	22.0	17.6
	190	-	-	30.9	24.3	22.0	15.4
	203	-	-	28.7	-	19.8	15.4
	216	-	-	28.7	-	17.6	15.4
	230	-	-	-	-	17.6	13.2
	243	-	-	-	-	15.4	-
	256	-	-	-	-	-	-
	269	-	-	-	-	-	-
	282	-	-	-	-	-	-
	295	-	-	-	-	-	-
	308	-	-	-	-	-	-

236.2 ft Main boom							
	ft		1,000 lb				
	39	176.4	-	-	-	-	-
	46	176.4	-	-	-	-	-
	52	176.4	86.0	110.2	-	-	-
	59	176.4	81.6	101.4	-	-	-
	65	176.4	79.4	94.8	-	63.9	-
	72	165.3	77.2	88.2	-	61.7	-
	79	154.3	75.0	81.6	41.9	59.5	-
	85	145.5	72.8	77.2	41.9	55.1	-
	92	136.7	70.5	72.8	39.7	52.9	-
	98	130.1	68.3	68.3	39.7	50.7	26.5
	111	110.2	63.9	61.7	35.3	44.1	26.5
LF	124	92.6	61.7	57.3	35.3	39.7	24.3
	138	79.4	59.5	52.9	33.1	37.5	22.0
	151	66.1	57.3	48.5	30.9	33.1	19.8
	164	57.3	55.1	44.1	28.7	30.9	19.8
	177	48.5	50.7	41.9	28.7	28.7	17.6
	190	41.9	44.1	39.7	26.5	26.5	17.6
	203	35.3	37.5	37.5	26.5	24.3	17.6
	216	28.7	-	33.1	24.3	22.0	15.4
	230	24.3	-	28.7	24.3	22.0	15.4
	243	19.8	-	24.3	24.3	19.8	15.4
	256	-	-	19.8	-	19.8	13.2
	269	-	-	17.6	-	17.6	13.2
	282	-	-	15.4	-	17.6	13.2
	295	-	-	-	-	15.4	-
	308	-	-	-	-	11.0	-
	321	-	-	-	-	8.8	-

Remarks

1) with 132,000 lb central ballast



397,000 lb¹⁾

 27.6 ft

360°

DIN/ISO

275.6 ft Main boom							
		Fly jib					
Radius		39.4 ft		78.7 ft		118.1 ft	
		10°	30°	10°	30°	10°	30°
	ft	1,000 lb					
LF	46	176.4	-	-	-	-	-
	52	176.4	-	-	-	-	-
	59	176.4	83.8	105.8	-	-	-
	65	176.4	81.6	99.2	-	63.9	-
	72	176.4	79.4	92.6	-	61.7	-
	79	167.6	77.2	88.2	44.1	59.5	-
	85	158.7	75.0	81.6	41.9	57.3	-
	92	145.5	72.8	77.2	39.7	55.1	-
	98	130.1	70.5	75.0	39.7	52.9	-
	111	105.8	66.1	66.1	37.5	48.5	26.5
	124	88.2	63.9	61.7	35.3	41.9	24.3
	138	75.0	61.7	57.3	33.1	39.7	22.0
	151	61.7	59.5	52.9	30.9	35.3	22.0
	164	50.7	55.1	48.5	30.9	33.1	19.8
	177	41.9	46.3	46.3	28.7	30.9	19.8
	190	35.3	37.5	39.7	28.7	28.7	17.6
	203	28.7	30.9	33.1	26.5	26.5	17.6
	216	24.3	26.5	28.7	26.5	24.3	15.4
	230	19.8	19.8	24.3	26.5	24.3	15.4
	243	15.4	-	19.8	22.0	22.0	15.4
256	11.0	-	15.4	17.6	17.6	15.4	
269	6.6	-	11.0	13.2	15.4	13.2	
282	4.4	-	8.8	-	11.0	13.2	
295	-	-	6.6	-	8.8	11.0	
308	-	-	-	-	6.6	8.8	
321	-	-	-	-	4.4	-	
335	-	-	-	-	-	-	
348	-	-	-	-	-	-	
361	-	-	-	-	-	-	

275.6 ft Main boom							
		Fly jib					
Radius		39.4 ft		78.7 ft		118.1 ft	
		10°	30°	10°	30°	10°	30°
	ft	1,000 lb					
	46	176.4	-	-	-	-	-
	52	176.4	-	-	-	-	-
	59	176.4	88.2	110.2	-	-	-
	65	176.4	83.8	103.6	-	61.7	-
	72	176.4	81.6	99.2	-	61.7	-
	79	172.0	79.4	94.8	44.1	59.5	-
	85	163.1	77.2	88.2	44.1	57.3	-
	92	149.9	75.0	83.8	41.9	55.1	-
	98	134.5	72.8	79.4	41.9	52.9	-
	111	112.4	68.3	70.5	37.5	50.7	26.5
	124	92.6	66.1	63.9	37.5	46.3	24.3
	138	79.4	63.9	59.5	35.3	41.9	24.3
SH/LH + LF	151	66.1	59.5	55.1	33.1	37.5	22.0
	164	57.3	57.3	50.7	30.9	35.3	19.8
	177	48.5	50.7	46.3	30.9	33.1	19.8
	190	41.9	44.1	44.1	28.7	28.7	17.6
	203	35.3	37.5	39.7	28.7	28.7	17.6
	216	28.7	30.9	33.1	26.5	26.5	17.6
	230	24.3	26.5	28.7	26.5	24.3	15.4
	243	19.8	22.0	24.3	24.3	22.0	15.4
	256	17.6	-	19.8	22.0	22.0	15.4
	269	13.2	-	17.6	19.8	19.8	15.4
	282	11.0	-	13.2	-	15.4	13.2
	295	-	-	11.0	-	13.2	13.2
	308	-	-	8.8	-	11.0	13.2
	321	-	-	6.6	-	8.8	-
	335	-	-	-	-	6.6	-
	348	-	-	-	-	4.4	-
	361	-	-	-	-	-	-

236.2 ft Main boom							
	ft		1,000 lb				
	39	176.4	-	-	-	-	-
	46	176.4	-	-	-	-	-
	52	176.4	88.2	110.2	-	-	-
	59	176.4	86.0	108.0	-	-	-
	65	176.4	81.6	101.4	-	61.7	-
	72	172.0	79.4	94.8	-	59.5	-
	79	160.9	77.2	88.2	44.1	57.3	-
	85	152.1	75.0	81.6	41.9	55.1	-
	92	143.3	72.8	77.2	41.9	52.9	-
	98	134.5	70.5	72.8	39.7	50.7	28.7
	111	114.6	66.1	66.1	37.5	46.3	26.5
SH/LH + LF	124	97.0	63.9	59.5	35.3	41.9	24.3
	138	81.6	59.5	55.1	33.1	37.5	22.0
	151	70.5	57.3	50.7	30.9	35.3	22.0
	164	61.7	55.1	46.3	30.9	33.1	19.8
	177	52.9	52.9	44.1	28.7	28.7	19.8
	190	44.1	46.3	39.7	28.7	26.5	17.6
	203	39.7	39.7	37.5	26.5	24.3	17.6
	216	33.1	-	35.3	26.5	24.3	15.4
	230	28.7	-	33.1	24.3	22.0	15.4
	243	24.3	-	28.7	24.3	19.8	15.4
	256	-	-	24.3	-	19.8	15.4
	269	-	-	19.8	-	17.6	13.2
	282	-	-	17.6	-	17.6	13.2
	295	-	-	-	-	17.6	-
	308	-	-	-	-	15.4	-
	321	-	-	-	-	13.2	-

315.0 ft Main boom							
	ft		1,000 lb				
	52	165.3	-	-	-	-	-
	59	165.3	88.2	99.2	-	-	-
	65	165.3	86.0	99.2	-	-	-
	72	165.3	83.8	94.8	-	59.5	-
	79	165.3	81.6	92.6	-	59.5	-
	85	160.9	79.4	90.4	44.1	57.3	-
	92	147.7	77.2	88.2	41.9	55.1	-
	98	132.3	75.0	83.8	41.9	52.9	-
	111	108.0	70.5	75.0	39.7	48.5	26.5
	124	90.4	68.3	68.3	37.5	46.3	24.3
	138	75.0	66.1	63.9	35.3	41.9	24.3
SH/LH + LF	151	63.9	61.7	59.5	33.1	39.7	22.0
	164	52.9	57.3	55.1	33.1	37.5	22.0
	177	44.1	46.3	48.5	30.9	35.3	19.8
	190	37.5	39.7	41.9	30.9	33.1	19.8
	203	30.9	33.1	35.3	28.7	30.9	17.6
	216	26.5	26.5	28.7	28.7	28.7	17.6
	230	19.8	22.0	24.3	26.5	26.5	17.6
	243	15.4	17.6	19.8	24.3	22.0	15.4
	256	13.2	13.2	15.4	19.8	17.6	15.4
	269	-	11.0	13.2	15.4	15.4	15.4
	282	-	-	8.8	11.0	11.0	15.4
	295	-	-	6.6	8.8	8.8	13.2
	308	-	-	-	6.6	6.6	8.8
	321	-	-	-	-	4.4	6.6
	335	-	-	-	-	-	4.4
	348	-	-	-	-	-	-

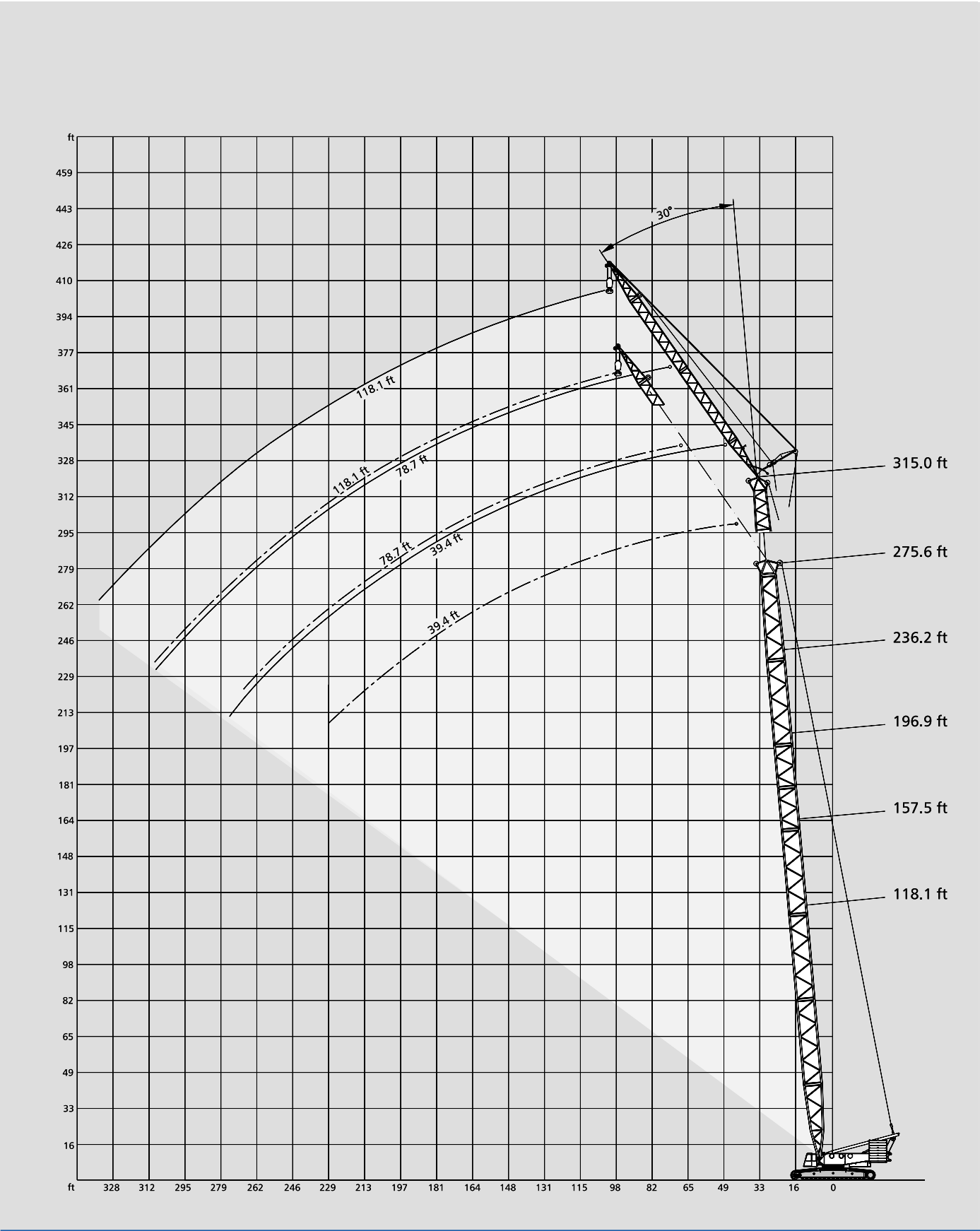
Remarks

1) with 132,000 lb central ballast



Working ranges fixed fly jib 30°

LF, SH/LH + LF



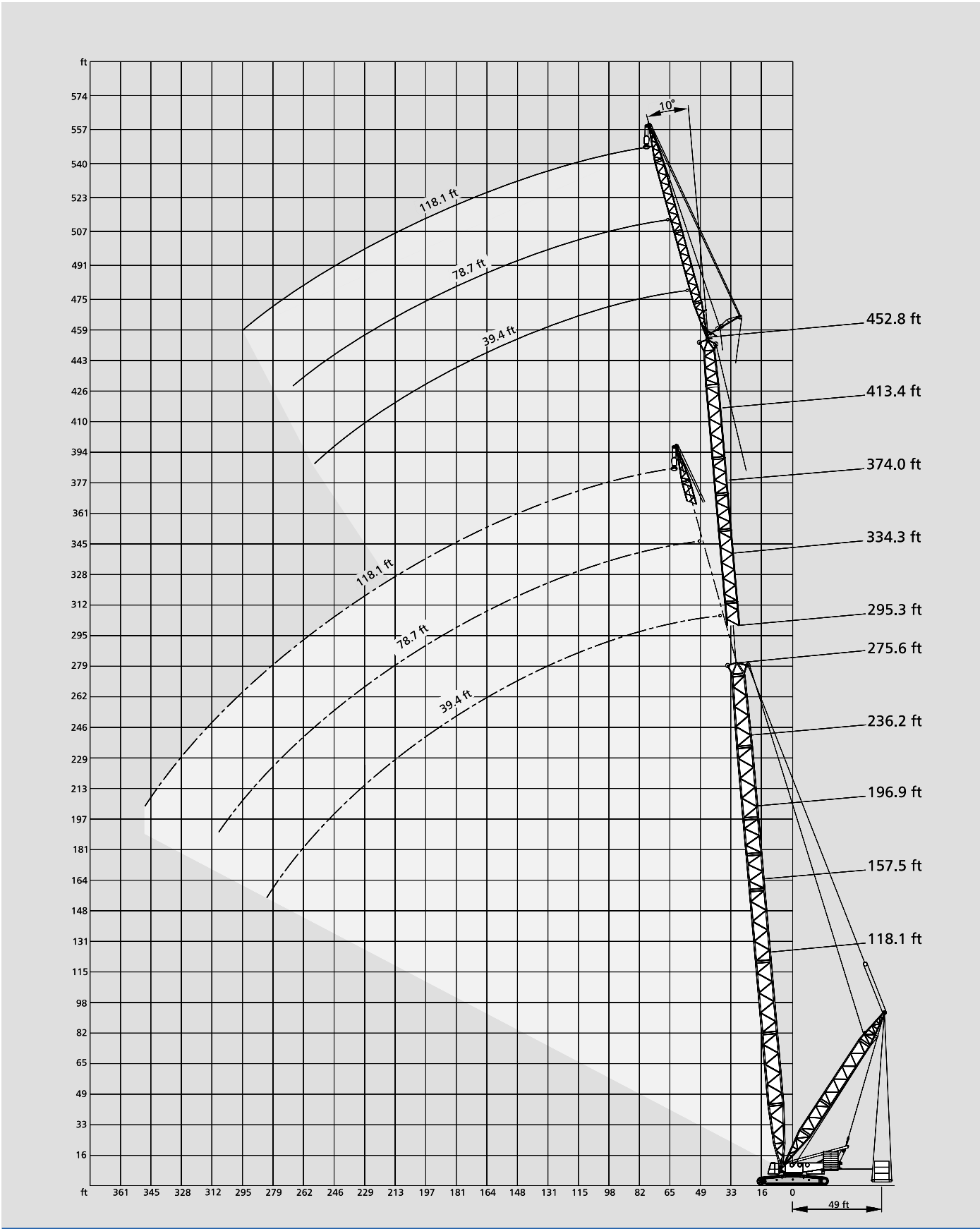
[MAIN MENU](#)

[CONTENTS](#)



Working ranges fixed fly jib with SL, 10°

SSL + LF, SSL/LSL + LF



[MAIN MENU](#)

[CONTENTS](#)



Lifting capacities fixed fly jib with Superlift

397,000 lb¹⁾  27.6 ft SL-Radius 49.2 ft 360° DIN/ISO

118.1 ft Main boom													
		39.4 ft				Fly jib 78.7 ft				118.1 ft			
		10°		30°		10°		30°		10°		30°	
													
Radius		0	165.3	0	165.3	0	165.3	0	165.3	0	165.3	0	165.3
ft		1,000 lb											
29		176.4	176.4	-	-	-	-	-	-	-	-	-	-
33		176.4	176.4	-	-	-	-	-	-	-	-	-	-
39		176.4	176.4	-	-	-	-	-	-	-	-	-	-
46		172.0	172.0	83.8	83.8	101.4	101.4	-	-	-	-	-	-
52		154.3	154.3	79.4	79.4	90.4	90.4	-	-	72.8	72.8	-	-
59		138.9	138.9	75.0	75.0	81.6	81.6	-	-	63.9	63.9	-	-
65		125.7	125.7	70.5	70.5	75.0	75.0	44.1	44.1	57.3	57.3	-	-
72		114.6	114.6	66.1	66.1	68.3	68.3	41.9	41.9	52.9	52.9	-	-
79		105.8	105.8	63.9	63.9	63.9	63.9	39.7	39.7	48.5	48.5	-	-
85	SSL + LF	99.2	99.2	61.7	61.7	59.5	59.5	37.5	37.5	44.1	44.1	-	-
92		92.6	92.6	59.5	59.5	55.1	55.1	35.3	35.3	41.9	41.9	26.5	26.5
98		88.2	88.2	57.3	57.3	50.7	50.7	35.3	35.3	37.5	37.5	26.5	26.5
111		77.2	77.2	52.9	52.9	46.3	46.3	30.9	30.9	33.1	33.1	24.3	24.3
124		70.5	70.5	50.7	50.7	39.7	39.7	28.7	28.7	28.7	28.7	22.0	22.0
138		63.9	63.9	-	-	37.5	37.5	26.5	26.5	26.5	26.5	19.8	19.8
151		-	-	-	-	33.1	33.1	26.5	26.5	24.3	24.3	17.6	17.6
164		-	-	-	-	30.9	30.9	24.3	24.3	22.0	22.0	17.6	17.6
177		-	-	-	-	28.7	28.7	-	-	19.8	19.8	15.4	15.4
190		-	-	-	-	-	-	-	-	17.6	17.6	15.4	15.4
203		-	-	-	-	-	-	-	-	17.6	17.6	13.2	13.2
216		-	-	-	-	-	-	-	-	15.4	15.4	-	-

157.5 ft Main boom													
		1,000 lb											
33		176.4	176.4	-	-	-	-	-	-	-	-	-	-
39		176.4	176.4	-	-	-	-	-	-	-	-	-	-
46		176.4	176.4	86.0	86.0	108.0	108.0	-	-	-	-	-	-
52		174.2	174.2	81.6	81.6	99.2	99.2	-	-	-	-	-	-
59		158.7	158.7	77.2	77.2	90.4	90.4	-	-	68.3	68.3	-	-
65		145.5	145.5	75.0	75.0	81.6	81.6	-	-	63.9	63.9	-	-
72		134.5	134.5	70.5	70.5	75.0	75.0	44.1	44.1	57.3	57.3	-	-
79		125.7	125.7	68.3	68.3	70.5	70.5	41.9	41.9	52.9	52.9	-	-
85		116.8	116.8	66.1	66.1	66.1	66.1	39.7	39.7	48.5	48.5	-	-
92	SSL + LF	110.2	110.2	63.9	63.9	61.7	61.7	37.5	37.5	46.3	46.3	28.7	28.7
98		103.6	103.6	61.7	61.7	57.3	57.3	35.3	35.3	41.9	41.9	26.5	26.5
111		92.6	92.6	57.3	57.3	50.7	50.7	33.1	33.1	37.5	37.5	24.3	24.3
124		83.8	83.8	55.1	55.1	46.3	46.3	30.9	30.9	33.1	33.1	22.0	22.0
138		77.2	77.2	52.9	52.9	41.9	41.9	28.7	28.7	30.9	30.9	19.8	19.8
151		70.5	70.5	50.7	50.7	39.7	39.7	28.7	28.7	26.5	26.5	19.8	19.8
164		66.1	66.1	-	-	35.3	35.3	26.5	26.5	24.3	24.3	17.6	17.6
177		61.7	61.7	-	-	33.1	33.1	26.5	26.5	22.0	22.0	17.6	17.6
190		-	-	-	-	30.9	30.9	24.3	24.3	22.0	22.0	15.4	15.4
203		-	-	-	-	28.7	28.7	-	-	19.8	19.8	15.4	15.4
216		-	-	-	-	28.7	28.7	-	-	17.6	17.6	15.4	15.4
230		-	-	-	-	-	-	-	-	17.6	17.6	13.2	13.2
243		-	-	-	-	-	-	-	-	15.4	15.4	-	-
256		-	-	-	-	-	-	-	-	-	-	-	-

Remarks	
1) with 132,000 lb central ballast	
Superlift mast 98.4 ft	

MAIN MENU

CONTENTS


397,000 lb¹⁾  **27.6 ft** **SL-Radius 49.2 ft** **360°** **DIN/ISO**
196.9 ft Main boom

		39.4 ft				Fly jib 78.7 ft				118.1 ft			
		10°		30°		10°		30°		10°		30°	
													
		0	165.3	0	165.3	0	165.3	0	165.3	0	165.3	0	165.3
Radius ft	1,000 lb												
	39	176.4	176.4	-	-	-	-	-	-	-	-	-	-
	46	176.4	176.4	-	-	-	-	-	-	-	-	-	-
	52	176.4	176.4	83.8	83.8	105.8	105.8	-	-	-	-	-	-
	59	176.4	176.4	81.6	81.6	97.0	97.0	-	-	68.3	68.3	-	-
	65	163.1	163.1	77.2	77.2	88.2	88.2	-	-	66.1	66.1	-	-
	72	152.1	152.1	75.0	75.0	81.6	81.6	44.1	44.1	61.7	61.7	-	-
	79	141.1	141.1	72.8	72.8	77.2	77.2	41.9	41.9	57.3	57.3	-	-
	85	132.3	132.3	70.5	70.5	72.8	72.8	39.7	39.7	52.9	52.9	-	-
	92	123.5	123.5	68.3	68.3	68.3	68.3	39.7	39.7	50.7	50.7	-	-
	98	116.8	116.8	66.1	66.1	63.9	63.9	37.5	37.5	46.3	46.3	26.5	26.5
	111	105.8	105.8	61.7	61.7	57.3	57.3	35.3	35.3	41.9	41.9	24.3	24.3
SSL + LF	124	97.0	97.0	59.5	59.5	52.9	52.9	33.1	33.1	37.5	37.5	22.0	22.0
	138	88.2	88.2	55.1	55.1	48.5	48.5	30.9	30.9	33.1	33.1	22.0	22.0
	151	79.4	81.6	52.9	52.9	44.1	44.1	28.7	28.7	30.9	30.9	19.8	19.8
	164	70.5	75.0	50.7	50.7	39.7	39.7	28.7	28.7	28.7	28.7	19.8	19.8
	177	61.7	70.5	50.7	50.7	37.5	37.5	26.5	26.5	26.5	26.5	17.6	17.6
	190	52.9	66.1	-	-	35.3	35.3	26.5	26.5	24.3	24.3	17.6	17.6
	203	46.3	63.9	-	-	33.1	33.1	24.3	24.3	22.0	22.0	15.4	15.4
	216	-	-	-	-	30.9	30.9	24.3	24.3	19.8	19.8	15.4	15.4
	230	-	-	-	-	30.9	30.9	-	-	19.8	19.8	15.4	15.4
	243	-	-	-	-	28.7	28.7	-	-	17.6	17.6	13.2	13.2
	256	-	-	-	-	-	-	-	-	17.6	17.6	13.2	13.2
	269	-	-	-	-	-	-	-	-	15.4	15.4	-	-
	282	-	-	-	-	-	-	-	-	15.4	15.4	-	-
	295	-	-	-	-	-	-	-	-	-	-	-	-

236.2 ft Main boom

ft		1,000 lb											
	39	176.4	176.4	-	86.0	-	-	-	-	-	-	-	-
	46	176.4	176.4	-	81.6	-	-	-	-	-	-	-	-
	52	176.4	176.4	86.0	79.4	110.2	110.2	-	-	-	-	-	-
	59	176.4	176.4	81.6	77.2	101.4	101.4	-	-	-	-	-	-
	65	176.4	176.4	79.4	75.0	94.8	94.8	-	-	68.3	68.3	-	-
	72	165.3	165.3	77.2	72.8	88.2	88.2	-	-	63.9	63.9	-	-
	79	154.3	154.3	75.0	70.5	81.6	81.6	41.9	41.9	61.7	61.7	-	-
SSL + LF	85	145.5	145.5	72.8	68.3	77.2	77.2	41.9	41.9	57.3	57.3	-	-
	92	136.7	136.7	70.5	63.9	72.8	72.8	39.7	39.7	52.9	52.9	-	-
	98	130.1	130.1	68.3	61.7	68.3	68.3	39.7	39.7	50.7	50.7	26.5	26.5
	111	116.8	116.8	63.9	59.5	61.7	61.7	35.3	35.3	44.1	44.1	26.5	26.5
	124	101.4	108.0	61.7	57.3	57.3	57.3	35.3	35.3	39.7	39.7	24.3	24.3
	138	88.2	99.2	59.5	55.1	52.9	52.9	33.1	33.1	37.5	37.5	22.0	22.0
	151	75.0	90.4	57.3	52.9	48.5	48.5	30.9	30.9	33.1	33.1	19.8	19.8
	164	63.9	86.0	55.1	50.7	44.1	44.1	28.7	28.7	30.9	30.9	19.8	19.8
	177	55.1	79.4	52.9	50.7	41.9	41.9	28.7	28.7	28.7	28.7	17.6	17.6
	190	48.5	75.0	50.7	-	39.7	39.7	26.5	26.5	26.5	26.5	17.6	17.6
	203	41.9	70.5	44.1	-	37.5	37.5	26.5	26.5	24.3	24.3	17.6	17.6
	216	35.3	68.3	-	-	35.3	35.3	24.3	24.3	22.0	22.0	15.4	15.4
	230	30.9	63.9	-	-	33.1	33.1	24.3	24.3	22.0	22.0	15.4	15.4
	243	26.5	61.7	-	-	30.9	30.9	24.3	24.3	19.8	19.8	15.4	15.4
	256	-	-	-	-	26.5	30.9	-	-	19.8	19.8	13.2	13.2
	269	-	-	-	-	22.0	28.7	-	-	17.6	17.6	13.2	13.2
	282	-	-	-	-	19.8	28.7	-	-	17.6	17.6	13.2	13.2
	295	-	-	-	-	-	-	-	-	15.4	15.4	-	-
	308	-	-	-	-	-	-	-	-	15.4	15.4	-	-
	321	-	-	-	-	-	-	-	-	13.2	15.4	-	-

Remarks

1) with 132,000 lb central ballast

Superlift mast 98.4 ft

MAIN MENU**CONTENTS**



Lifting capacities fixed fly jib with Superlift

397,000 lb¹⁾  27.6 ft SL-Radius 49.2 ft 360° DIN/ISO

275.6 ft Main boom

Radius ft	39.4 ft				Fly jib 78.7 ft				118.1 ft			
	10°		30°		10°		30°		10°		30°	
	0	275.6	0	165.3	0	165.3	0	165.3	0	165.3	0	165.3
	1,000 lb											
46	176.4	176.4	-	-	-	-	-	-	-	-	-	-
52	176.4	176.4	-	-	-	-	-	-	-	-	-	-
59	176.4	176.4	83.8	83.8	105.8	105.8	-	-	-	-	-	-
65	176.4	176.4	81.6	81.6	99.2	99.2	-	-	63.9	63.9	-	-
72	174.2	174.2	79.4	79.4	92.6	92.6	-	-	63.9	63.9	-	-
79	167.6	167.6	77.2	77.2	88.2	88.2	44.1	44.1	61.7	61.7	-	-
85	158.7	158.7	75.0	75.0	81.6	81.6	41.9	41.9	59.5	59.5	-	-
92	149.9	149.9	72.8	72.8	77.2	77.2	39.7	39.7	57.3	57.3	-	-
98	141.1	141.1	70.5	70.5	75.0	75.0	39.7	39.7	52.9	52.9	-	-
111	116.8	127.9	66.1	66.1	66.1	66.1	37.5	37.5	48.5	48.5	26.5	26.5
124	97.0	116.8	63.9	63.9	61.7	61.7	35.3	35.3	41.9	41.9	24.3	24.3
138	81.6	108.0	61.7	61.7	57.3	57.3	33.1	33.1	39.7	39.7	22.0	22.0
151	70.5	101.4	59.5	59.5	52.9	52.9	30.9	30.9	35.3	35.3	22.0	22.0
SSL + LF 164	59.5	94.8	57.3	57.3	48.5	48.5	30.9	30.9	33.1	33.1	19.8	19.8
177	50.7	88.2	52.9	55.1	46.3	46.3	28.7	28.7	30.9	30.9	19.8	19.8
190	41.9	83.8	44.1	52.9	41.9	41.9	28.7	28.7	28.7	28.7	17.6	17.6
203	35.3	79.4	37.5	52.9	39.7	39.7	26.5	26.5	26.5	26.5	17.6	17.6
216	30.9	75.0	30.9	50.7	33.1	37.5	26.5	26.5	24.3	24.3	15.4	15.4
230	24.3	70.5	26.5	48.5	28.7	35.3	26.5	26.5	24.3	24.3	15.4	15.4
243	19.8	68.3	-	-	24.3	33.1	24.3	24.3	22.0	22.0	15.4	15.4
256	15.4	63.9	-	-	19.8	33.1	22.0	24.3	19.8	19.8	15.4	15.4
269	13.2	61.7	-	-	17.6	30.9	19.8	24.3	19.8	19.8	13.2	13.2
282	8.8	59.5	-	-	13.2	30.9	-	-	15.4	17.6	13.2	13.2
295	-	-	-	-	11.0	28.7	-	-	13.2	17.6	13.2	13.2
308	-	-	-	-	8.8	28.7	-	-	11.0	17.6	13.2	13.2
321	-	-	-	-	-	-	-	-	8.8	15.4	-	-
335	-	-	-	-	-	-	-	-	6.6	15.4	-	-
348	-	-	-	-	-	-	-	-	4.4	15.4	-	-
361	-	-	-	-	-	-	-	-	-	-	-	-

295.3 ft Main boom

ft	0	385.8	0	165.3	0	165.3	0	165.3	0	165.3	0	165.3
	1,000 lb											
46	176.4	176.4	-	-	-	-	-	-	-	-	-	-
52	176.4	176.4	-	-	-	-	-	-	-	-	-	-
59	176.4	176.4	88.2	88.2	110.2	110.2	-	-	-	-	-	-
65	176.4	176.4	86.0	86.0	103.6	103.6	-	-	63.9	63.9	-	-
72	176.4	176.4	81.6	81.6	99.2	99.2	-	-	63.9	63.9	-	-
79	176.4	176.4	79.4	79.4	94.8	94.8	-	-	59.5	59.5	-	-
85	169.8	169.8	77.2	77.2	90.4	90.4	44.1	44.1	57.3	57.3	-	-
92	158.7	160.9	75.0	75.0	86.0	86.0	41.9	41.9	55.1	55.1	-	-
98	143.3	152.1	72.8	72.8	81.6	81.6	41.9	41.9	52.9	52.9	-	-
111	116.8	138.9	70.5	70.5	72.8	72.8	39.7	39.7	50.7	50.7	26.5	26.5
124	97.0	125.7	66.1	66.1	66.1	66.1	37.5	37.5	46.3	46.3	24.3	24.3
138	81.6	116.8	63.9	63.9	61.7	61.7	35.3	35.3	44.1	44.1	24.3	24.3
SSL/LSL + LF 151	70.5	108.0	61.7	61.7	57.3	57.3	33.1	33.1	39.7	39.7	22.0	22.0
164	59.5	101.4	59.5	59.5	52.9	52.9	30.9	30.9	35.3	35.3	22.0	22.0
177	50.7	94.8	52.9	57.3	48.5	48.5	30.9	30.9	33.1	33.1	19.8	19.8
190	41.9	88.2	44.1	55.1	46.3	46.3	28.7	28.7	30.9	30.9	19.8	19.8
203	35.3	83.8	37.5	52.9	39.7	44.1	28.7	28.7	28.7	28.7	17.6	17.6
216	28.7	79.4	30.9	52.9	33.1	41.9	26.5	26.5	26.5	26.5	17.6	17.6
230	24.3	75.0	26.5	50.7	28.7	39.7	26.5	26.5	24.3	24.3	17.6	17.6
243	19.8	72.8	22.0	50.7	24.3	37.5	26.5	26.5	24.3	24.3	15.4	15.4
256	15.4	68.3	17.6	48.5	19.8	35.3	22.0	24.3	22.0	22.0	15.4	15.4
269	13.2	66.1	-	-	15.4	33.1	19.8	24.3	19.8	22.0	15.4	15.4
282	8.8	63.9	-	-	13.2	33.1	15.4	24.3	15.4	19.8	15.4	15.4
295	6.6	61.7	-	-	8.8	30.9	-	-	13.2	19.8	13.2	13.2
308	-	-	-	-	6.6	28.7	-	-	8.8	17.6	13.2	13.2
321	-	-	-	-	4.4	28.7	-	-	6.6	17.6	11.0	13.2
335	-	-	-	-	-	28.7	-	-	4.4	17.6	-	-
348	-	-	-	-	-	-	-	-	-	15.4	-	-
361	-	-	-	-	-	-	-	-	-	15.4	-	-
374	-	-	-	-	-	-	-	-	-	15.4	-	-

[MAIN MENU](#)
[CONTENTS](#)



397,000 lb¹⁾  **27.6 ft** **SL-Radius 49.2 ft** **360°** **DIN/ISO**

334.7 ft		Main boom											
		39.4 ft				Fly jib 78.7 ft				118.1 ft			
		10°		30°		10°		30°		10°		30°	
													
Radius ft		0	385.8	0	275.6	0	275.6	0	165.3	0	165.3	0	165.3
1,000 lb													
52		176.4	176.4	-	-	-	-	-	-	-	-	-	-
59		176.4	176.4	-	-	99.2	99.2	-	-	-	-	-	-
65		176.4	176.4	86.0	86.0	99.2	99.2	-	-	-	-	-	-
72		176.4	176.4	83.8	83.8	94.8	94.8	-	-	57.3	57.3	-	-
79		176.4	176.4	81.6	81.6	92.6	92.6	-	-	57.3	57.3	-	-
85		174.2	174.2	79.4	79.4	90.4	90.4	44.1	44.1	55.1	55.1	-	-
92		156.5	172.0	77.2	77.2	88.2	88.2	44.1	44.1	52.9	52.9	-	-
98		141.1	163.1	75.0	75.0	86.0	86.0	41.9	41.9	52.9	52.9	-	-
111		116.8	149.9	72.8	72.8	77.2	77.2	39.7	39.7	48.5	48.5	26.5	26.5
124		94.8	136.7	68.3	68.3	70.5	70.5	37.5	37.5	46.3	46.3	26.5	26.5
138		79.4	125.7	66.1	66.1	66.1	66.1	35.3	35.3	44.1	44.1	24.3	24.3
151		66.1	116.8	63.9	63.9	61.7	61.7	35.3	35.3	41.9	41.9	22.0	22.0
164		55.1	110.2	59.5	61.7	57.3	57.3	33.1	33.1	39.7	39.7	22.0	22.0
SSL/LSL + LF	177	46.3	103.6	50.7	59.5	50.7	52.9	30.9	30.9	35.3	35.3	19.8	19.8
	190	39.7	97.0	41.9	57.3	44.1	48.5	30.9	30.9	33.1	33.1	19.8	19.8
	203	33.1	90.4	35.3	55.1	37.5	46.3	28.7	28.7	30.9	30.9	17.6	17.6
	216	26.5	86.0	28.7	55.1	30.9	44.1	28.7	28.7	28.7	28.7	17.6	17.6
	230	22.0	81.6	24.3	52.9	24.3	41.9	26.5	26.5	26.5	26.5	17.6	17.6
	243	17.6	79.4	19.8	50.7	19.8	39.7	24.3	26.5	24.3	26.5	15.4	15.4
	256	13.2	75.0	15.4	50.7	17.6	37.5	19.8	26.5	19.8	24.3	15.4	15.4
	269	8.8	72.8	11.0	50.7	13.2	35.3	15.4	24.3	15.4	22.0	15.4	15.4
	282	6.6	68.3	6.6	48.5	8.8	35.3	13.2	24.3	13.2	22.0	15.4	15.4
	295	4.4	66.1	-	-	6.6	33.1	8.8	24.3	8.8	19.8	13.2	13.2
	308	-	63.9	-	-	4.4	30.9	6.6	24.3	6.6	19.8	11.0	13.2
	321	-	59.5	-	-	-	30.9	4.4	24.3	4.4	19.8	6.6	13.2
	335	-	55.1	-	-	-	28.7	-	-	-	17.6	4.4	13.2
	348	-	-	-	-	-	28.7	-	-	-	17.6	-	13.2
	361	-	-	-	-	-	28.7	-	-	-	17.6	-	-
	374	-	-	-	-	-	-	-	-	-	15.4	-	-
	387	-	-	-	-	-	-	-	-	-	15.4	-	-
	400	-	-	-	-	-	-	-	-	-	13.2	-	-

Remarks

¹⁾ with 132,000 lb central ballast

Superlift mast 98.4 ft

MAIN MENUE

CONTENTS

Lifting capacities fixed fly jib with Superlift

397,000 lb¹⁾

 27.6 ft

SL-Radius 49.2 ft

360°

DIN/ISO

374.0 ft		Main boom											
		39.4 ft				Fly jib 78.7 ft				118.1 ft			
		10°		30°		10°		30°		10°		30°	
													
Radius ft		0	496.0	0	275.6	0	385.8	0	165.3	0	275.6	0	165.3
		1,000 lb											
52		163.1	163.1	-	-	-	-	-	-	-	-	-	-
59		163.1	163.1	-	-	-	-	-	-	-	-	-	-
65		160.9	160.9	88.2	88.2	97.0	97.0	-	-	-	-	-	-
72		158.7	158.7	86.0	86.0	92.6	92.6	-	-	57.3	57.3	-	-
79		158.7	158.7	83.8	83.8	90.4	90.4	-	-	57.3	57.3	-	-
85		156.5	156.5	81.6	81.6	88.2	88.2	-	-	55.1	55.1	-	-
92		154.3	154.3	79.4	79.4	86.0	86.0	44.1	44.1	52.9	52.9	-	-
98		136.7	152.1	77.2	77.2	83.8	83.8	41.9	41.9	52.9	52.9	-	-
111		112.4	149.9	75.0	75.0	81.6	81.6	39.7	39.7	48.5	48.5	26.5	26.5
124		92.6	145.5	70.5	70.5	75.0	75.0	37.5	37.5	46.3	46.3	26.5	26.5
138		77.2	134.5	68.3	68.3	70.5	70.5	37.5	37.5	44.1	44.1	24.3	24.3
151		63.9	125.7	66.1	66.1	63.9	63.9	35.3	35.3	41.9	41.9	22.0	22.0
164		52.9	116.8	55.1	63.9	57.3	59.5	33.1	33.1	39.7	39.7	22.0	22.0
177		41.9	110.2	46.3	61.7	46.3	57.3	33.1	33.1	37.5	37.5	19.8	19.8
190		35.3	103.6	37.5	59.5	39.7	52.9	30.9	30.9	35.3	35.3	19.8	19.8
SSL/LSL + LF	203	28.7	99.2	30.9	57.3	33.1	50.7	30.9	30.9	33.1	33.1	19.8	19.8
	216	22.0	92.6	24.3	55.1	26.5	46.3	28.7	28.7	28.7	30.9	17.6	17.6
	230	17.6	88.2	19.8	55.1	22.0	44.1	26.5	28.7	24.3	28.7	17.6	17.6
	243	13.2	83.8	15.4	52.9	17.6	41.9	22.0	26.5	19.8	26.5	17.6	17.6
	256	8.8	81.6	11.0	52.9	13.2	39.7	15.4	26.5	15.4	26.5	15.4	15.4
	269	4.4	77.2	6.6	50.7	8.8	37.5	13.2	26.5	11.0	24.3	15.4	15.4
	282	-	75.0	4.4	50.7	4.4	37.5	8.8	24.3	8.8	24.3	13.2	15.4
	295	-	72.8	-	48.5	-	35.3	4.4	24.3	4.4	22.0	11.0	15.4
	308	-	68.3	-	44.1	-	33.1	-	24.3	-	22.0	6.6	13.2
	321	-	66.1	-	-	-	33.1	-	24.3	-	19.8	4.4	13.2
335	-	57.3	-	-	-	30.9	-	22.0	-	19.8	-	13.2	
348	-	46.3	-	-	-	30.9	-	19.8	-	17.6	-	13.2	
361	-	33.1	-	-	-	28.7	-	-	-	17.6	-	13.2	
374	-	-	-	-	-	28.7	-	-	-	17.6	-	13.2	
387	-	-	-	-	-	28.7	-	-	-	15.4	-	13.2	
400	-	-	-	-	-	26.5	-	-	-	15.4	-	-	
414	-	-	-	-	-	-	-	-	-	15.4	-	-	
427	-	-	-	-	-	-	-	-	-	15.4	-	-	
440	-	-	-	-	-	-	-	-	-	15.4	-	-	
453	-	-	-	-	-	-	-	-	-	-	-	-	

Remarks

1) with 132,000 lb central ballast

Superlift mast 98.4 ft

MAIN MENU

CONTENTS


397,000 lb¹⁾  **27.6 ft** **SL-Radius 49.2 ft** **360°** **DIN/ISO**
413.4 ft Main boom

		39.4 ft				Fly jib 78.7 ft				118.1 ft			
		10°		30°		10°		30°		10°		30°	
Radius		0		0		0		0		0		0	
		0	275.6	0	275.6	0	275.6	0	165.3	0	275.6	0	165.3
ft		1,000 lb											
	59	132.3	132.3	-	-	-	-	-	-	-	-	-	-
	65	127.9	127.9	-	-	88.2	88.2	-	-	-	-	-	-
	72	125.7	125.7	86.0	86.0	88.2	88.2	-	-	-	-	-	-
	79	121.3	121.3	83.8	83.8	86.0	86.0	-	-	52.9	52.9	-	-
	85	119.0	119.0	81.6	81.6	83.8	83.8	-	-	52.9	52.9	-	-
	92	116.9	116.9	79.4	79.4	81.6	81.6	44.1	44.1	50.7	50.7	-	-
	98	112.4	112.4	79.4	79.4	79.4	79.4	41.9	41.9	50.7	50.7	-	-
	111	108.0	108.0	75.0	75.0	75.0	75.0	39.7	39.7	48.5	48.5	-	-
	124	90.4	103.6	72.8	72.8	72.8	72.8	39.7	39.7	46.3	46.3	26.5	26.5
	138	75.0	99.2	70.5	70.5	68.3	68.3	37.5	37.5	44.1	44.1	24.3	24.3
	151	61.7	94.8	66.1	68.3	66.1	66.1	35.3	35.3	41.9	41.9	24.3	24.3
	164	50.7	88.2	55.1	63.9	55.1	63.9	35.3	35.3	39.7	39.7	22.0	22.0
	177	39.7	83.8	44.1	63.9	44.1	59.5	33.1	33.1	37.5	37.5	22.0	22.0
SSL/LSL + LF	190	33.1	79.4	35.3	61.7	37.5	55.1	30.9	30.9	37.5	37.5	19.8	19.8
	203	26.5	75.0	28.7	59.5	30.9	52.9	30.9	30.9	33.1	35.3	19.8	19.8
	216	19.8	68.3	22.0	57.3	24.3	50.7	28.7	28.7	26.5	33.1	17.6	17.6
	230	15.4	61.7	17.6	57.3	17.6	48.5	24.3	28.7	22.0	30.9	17.6	17.6
	243	11.0	55.1	13.2	55.1	13.2	44.1	19.8	28.7	17.6	28.7	17.6	17.6
	256	6.6	46.3	8.8	52.9	8.8	41.9	13.2	26.5	13.2	26.5	15.4	15.4
	269	-	37.5	4.4	48.5	6.6	41.9	11.0	26.5	8.8	26.5	15.4	15.4
	282	-	28.7	-	35.3	-	39.7	6.6	26.5	4.4	24.3	11.0	15.4
	295	-	15.4	-	22.0	-	37.5	-	24.3	-	24.3	8.8	15.4
	308	-	-	-	4.4	-	33.1	-	24.3	-	22.0	4.4	15.4
	321	-	-	-	-	-	26.5	-	22.0	-	22.0	-	13.2
	335	-	-	-	-	-	19.8	-	17.6	-	19.8	-	13.2
	348	-	-	-	-	-	13.2	-	11.0	-	19.8	-	13.2
	361	-	-	-	-	-	4.4	-	-	-	19.8	-	13.2
	374	-	-	-	-	-	-	-	-	-	17.6	-	13.2
	387	-	-	-	-	-	-	-	-	-	13.2	-	11.0
	400	-	-	-	-	-	-	-	-	-	8.8	-	8.8
	414	-	-	-	-	-	-	-	-	-	4.4	-	4.4

452.8 ft Main boom

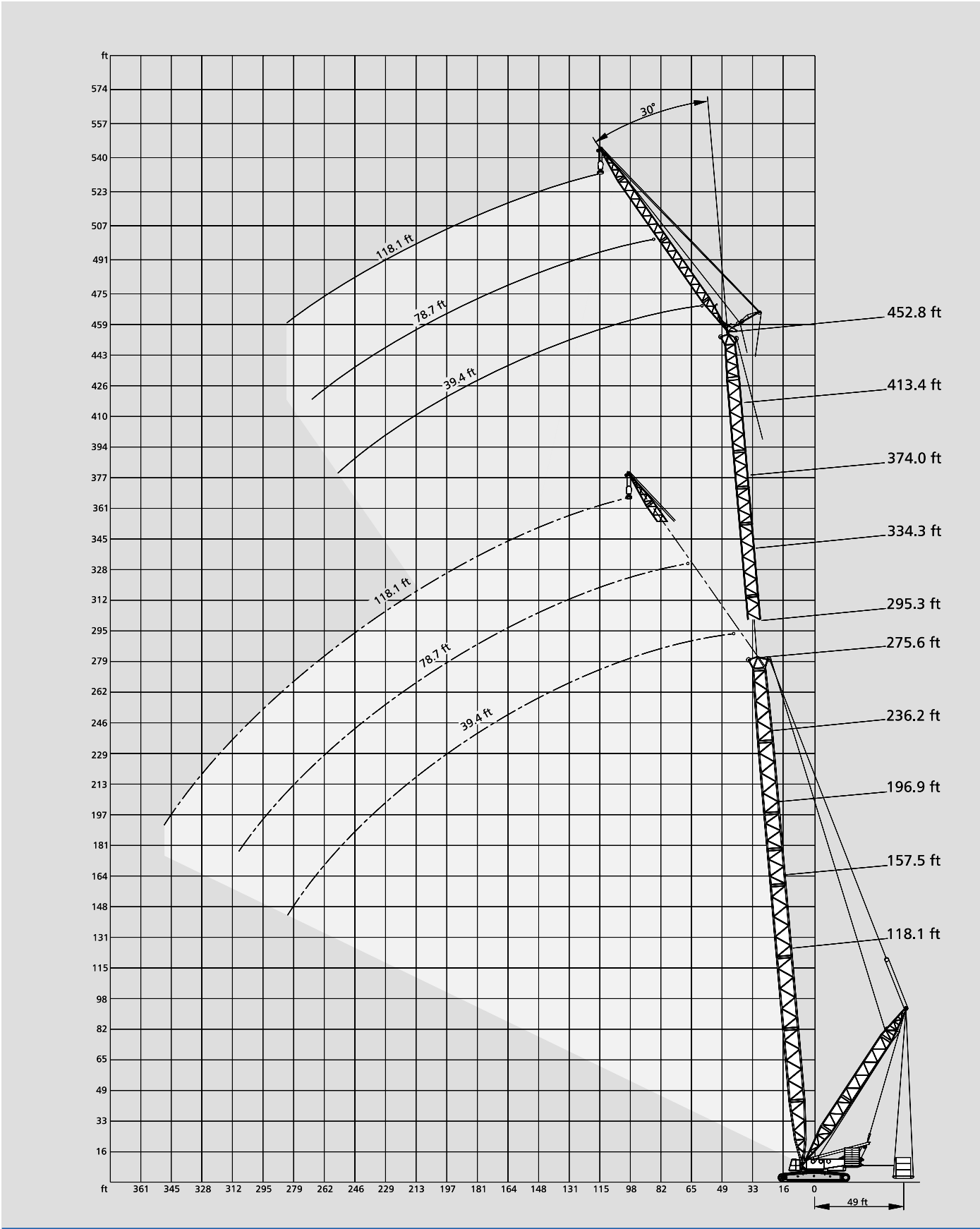
		ft		1,000 lb									
	59	114.6	114.6	-	-	-	-	-	-	-	-	-	-
	65	112.4	112.4	-	-	-	-	-	-	-	-	-	-
	72	108.0	108.0	86.0	86.0	75.0	75.0	-	-	-	-	-	-
	79	103.6	103.6	83.8	83.8	75.0	75.0	-	-	48.5	48.5	-	-
	85	99.2	99.2	83.8	83.8	72.8	72.8	-	-	48.5	48.5	-	-
	92	94.8	94.8	81.6	81.6	72.8	72.8	-	-	46.3	46.3	-	-
	98	90.4	90.4	79.4	79.4	70.5	70.5	41.9	41.9	46.3	46.3	-	-
	111	83.8	83.8	77.2	77.2	66.1	66.1	41.9	41.9	44.1	44.1	-	-
SSL/LSL + LF	124	75.0	75.0	72.8	72.8	61.7	61.7	39.7	39.7	41.9	41.9	26.5	26.5
	138	70.5	70.5	70.5	70.5	57.3	57.3	37.5	37.5	39.7	39.7	24.3	24.3
	151	57.3	63.9	61.7	68.3	52.9	52.9	35.3	35.3	39.7	39.7	24.3	24.3
	164	46.3	57.3	50.7	66.1	50.7	50.7	35.3	35.3	39.7	39.7	22.0	22.0
	177	37.5	50.7	41.9	63.9	41.9	46.3	33.1	33.1	39.7	39.7	22.0	22.0
	190	28.7	44.1	33.1	57.3	33.1	41.9	33.1	33.1	35.3	37.5	19.8	19.8
	203	22.0	35.3	26.5	50.7	26.5	37.5	30.9	30.9	28.7	37.5	19.8	19.8
	216	15.4	28.7	19.8	41.9	19.8	33.1	26.5	28.7	22.0	35.3	17.6	17.6
	230	11.0	22.0	13.2	33.1	15.4	28.7	19.8	24.3	17.6	33.1	17.6	17.6
	243	6.6	13.2	8.8	22.0	11.0	24.3	15.4	17.6	13.2	28.7	15.4	15.4
	256	-	6.6	4.4	11.0	6.6	17.6	11.0	13.2	8.8	24.3	13.2	13.2
	269	-	-	-	-	-	11.0	6.6	8.8	4.4	19.8	8.8	8.8
	282	-	-	-	-	-	-	-	-	-	15.4	4.4	4.4
	295	-	-	-	-	-	-	-	-	-	8.8	-	-
	308	-	-	-	-	-	-	-	-	-	-	-	-

MAIN MENU**CONTENTS**



Working ranges fixed fly jib with SL, 30°

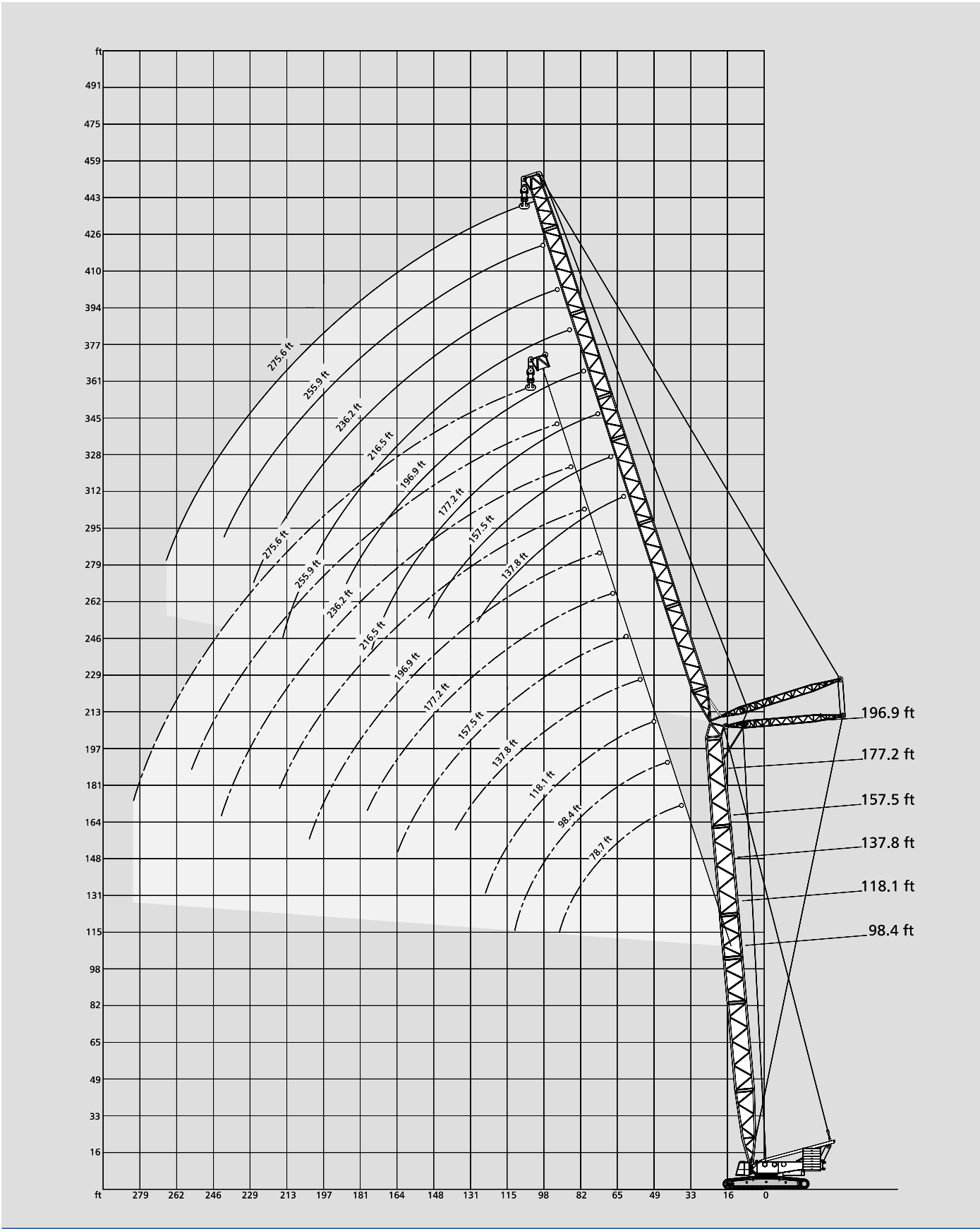
SSL + LF, SSL/LSL + LF





Working ranges luffing fly jib, main boom 85°

SW



[MAIN MENUE](#)

[CONTENTS](#)



Lifting capacities luffing fly jib, main boom 85°

397,000 lb¹⁾

 27.6 ft

360°

DIN/ISO

98.4 ft Main boom		Fly jib										
	Radius ft	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6
		1,000 lb										
	ft											
	46	456.4	-	-	-	-	-	-	-	-	-	-
	52	377.0	374.8	-	-	-	-	-	-	-	-	-
	59	319.7	317.5	315.3	-	-	-	-	-	-	-	-
	65	275.6	273.4	273.4	271.2	-	-	-	-	-	-	-
	72	242.5	240.3	240.3	238.1	235.9	-	-	-	-	-	-
	79	216.1	213.8	213.8	211.6	209.4	207.2	-	-	-	-	-
	85	194.0	191.8	191.8	189.6	187.4	185.2	183.0	-	-	-	-
	92	176.4	174.2	174.2	172.0	169.8	167.6	165.3	163.1	-	-	-
	98	-	158.7	158.7	156.5	154.3	152.1	149.9	149.9	147.7	-	-
SW	111	-	134.5	134.5	132.3	130.1	127.9	125.7	125.7	123.5	121.3	119.0
	124	-	-	114.6	112.4	112.4	110.2	108.0	105.8	103.6	103.6	101.4
	138	-	-	-	99.2	97.0	94.8	92.6	92.6	90.4	88.2	86.0
	151	-	-	-	-	86.0	83.8	81.6	79.4	77.2	77.2	75.0
	164	-	-	-	-	75.0	72.8	70.5	68.3	68.3	68.3	66.1
	177	-	-	-	-	-	66.1	63.9	61.7	59.5	59.5	57.3
	190	-	-	-	-	-	-	57.3	55.1	52.9	52.9	50.7
	203	-	-	-	-	-	-	50.7	48.5	46.3	46.3	44.1
	216	-	-	-	-	-	-	-	44.1	41.9	41.9	39.7
	230	-	-	-	-	-	-	-	-	37.5	35.3	33.1
	243	-	-	-	-	-	-	-	-	33.1	33.1	28.7
	256	-	-	-	-	-	-	-	-	-	28.7	26.5
	269	-	-	-	-	-	-	-	-	-	-	22.0
	282	-	-	-	-	-	-	-	-	-	-	19.8

118.1 ft Main boom												
	ft	1,000 lb										
	52	372.6	-	-	-	-	-	-	-	-	-	-
	59	317.5	315.3	313.1	-	-	-	-	-	-	-	-
	65	273.4	271.2	271.2	269.0	-	-	-	-	-	-	-
	72	240.3	238.1	238.1	235.9	233.7	-	-	-	-	-	-
	79	213.8	211.6	211.6	209.4	207.2	205.0	-	-	-	-	-
	85	191.8	191.8	189.6	187.4	185.2	183.0	180.8	-	-	-	-
	92	174.2	174.2	172.0	169.8	167.6	165.3	163.1	163.1	-	-	-
	98	-	158.7	156.5	154.3	152.1	149.9	149.9	147.7	145.5	-	-
	111	-	134.5	132.3	130.1	127.9	125.7	125.7	123.5	121.3	121.3	119.0
SW	124	-	-	114.6	112.4	110.2	108.0	105.8	105.8	103.6	101.4	99.2
	138	-	-	-	97.0	97.0	92.6	92.6	90.4	88.2	88.2	86.0
	151	-	-	-	86.0	83.8	81.6	79.4	79.4	77.2	75.0	75.0
	164	-	-	-	-	75.0	72.8	70.5	68.3	66.1	66.1	63.9
	177	-	-	-	-	-	63.9	61.7	61.7	59.5	57.3	57.3
	190	-	-	-	-	-	57.3	55.1	55.1	52.9	50.7	48.5
	203	-	-	-	-	-	-	50.7	48.5	46.3	46.3	44.1
	216	-	-	-	-	-	-	-	44.1	41.9	39.7	37.5
	230	-	-	-	-	-	-	-	-	35.3	35.3	33.1
	243	-	-	-	-	-	-	-	-	33.1	30.9	28.7
	256	-	-	-	-	-	-	-	-	-	28.7	24.3
	269	-	-	-	-	-	-	-	-	-	-	22.0
	282	-	-	-	-	-	-	-	-	-	-	19.8
	295	-	-	-	-	-	-	-	-	-	-	-

Remarks

¹⁾ with 132,000 lb central ballast

397,000 lb¹⁾

 27.6 ft

360°

DIN/ISO

137.8 ft Main boom												
Fly jib												
	Radius ft	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6
1,000 lb												
	ft											
	52	370.4	-	-	-	-	-	-	-	-	-	-
	59	313.1	313.1	-	-	-	-	-	-	-	-	-
	65	271.2	269.0	269.0	-	-	-	-	-	-	-	-
	72	238.1	235.9	235.9	233.7	-	-	-	-	-	-	-
	79	211.6	211.6	209.4	207.2	205.0	202.8	-	-	-	-	-
	85	189.6	189.6	187.4	185.2	183.0	180.8	180.8	-	-	-	-
	92	172.0	172.0	169.8	167.6	165.3	163.1	163.1	160.9	-	-	-
	98	-	156.5	154.3	152.1	152.1	147.7	147.7	145.5	143.3	-	-
	111	-	132.3	130.1	127.9	127.9	125.7	123.5	121.3	119.0	119.0	116.8
SW	124	-	-	112.4	110.2	108.0	105.8	105.8	103.6	101.4	101.4	99.2
	138	-	-	-	97.0	94.8	92.6	90.4	88.2	86.0	86.0	83.8
	151	-	-	-	83.8	83.8	81.6	79.4	77.2	75.0	75.0	72.8
	164	-	-	-	-	72.8	70.5	70.5	68.3	66.1	66.1	63.9
	177	-	-	-	-	-	63.9	61.7	59.5	57.3	57.3	55.1
	190	-	-	-	-	-	57.3	55.1	52.9	50.7	50.7	48.5
	203	-	-	-	-	-	-	48.5	48.5	44.1	44.1	41.9
	216	-	-	-	-	-	-	-	41.9	39.7	39.7	37.5
	230	-	-	-	-	-	-	-	37.5	35.3	35.3	30.9
	243	-	-	-	-	-	-	-	-	30.9	30.9	28.7
	256	-	-	-	-	-	-	-	-	-	26.5	24.3
	269	-	-	-	-	-	-	-	-	-	-	22.0
	282	-	-	-	-	-	-	-	-	-	-	17.6
	295	-	-	-	-	-	-	-	-	-	-	-

157.5 ft Main boom												
1,000 lb												
	ft											
	52	368.2	-	-	-	-	-	-	-	-	-	-
	59	310.9	308.6	-	-	-	-	-	-	-	-	-
	65	269.0	266.8	266.8	-	-	-	-	-	-	-	-
	72	235.9	233.7	233.7	231.5	-	-	-	-	-	-	-
	79	209.4	209.4	207.2	205.0	202.8	-	-	-	-	-	-
	85	189.6	187.4	185.2	183.0	180.8	178.6	-	-	-	-	-
	92	169.8	169.8	167.6	165.3	163.1	160.9	160.9	-	-	-	-
	98	156.5	154.3	154.3	149.9	149.9	147.7	145.5	143.3	-	-	-
	111	-	130.1	130.1	127.9	125.7	123.5	121.3	119.0	116.8	116.8	114.6
SW	124	-	-	112.4	108.0	108.0	105.8	103.6	101.4	99.2	99.2	97.0
	138	-	-	-	94.8	92.6	90.4	90.4	88.2	86.0	86.0	83.8
	151	-	-	-	83.8	81.6	79.4	77.2	77.2	75.0	72.8	70.5
	164	-	-	-	-	72.8	70.5	68.3	66.1	63.9	63.9	61.7
	177	-	-	-	-	-	61.7	61.7	59.5	57.3	55.1	52.9
	190	-	-	-	-	-	55.1	55.1	52.9	50.7	48.5	46.3
	203	-	-	-	-	-	-	48.5	46.3	44.1	44.1	39.7
	216	-	-	-	-	-	-	-	41.9	39.7	37.5	35.3
	230	-	-	-	-	-	-	-	37.5	33.1	33.1	30.9
	243	-	-	-	-	-	-	-	-	30.9	28.7	26.5
	256	-	-	-	-	-	-	-	-	-	26.5	24.3
	269	-	-	-	-	-	-	-	-	-	22.0	19.8
	282	-	-	-	-	-	-	-	-	-	-	17.6
	295	-	-	-	-	-	-	-	-	-	-	-

Remarks

¹⁾ with 132,000 lb central ballast



Lifting capacities luffing fly jib, main boom 85°

397,000 lb¹⁾  27.6 ft 360° DIN/ISO

177.2 ft Main boom		Fly jib									
	Radius ft	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6
	ft	1,000 lb									
	59	306.4	-	-	-	-	-	-	-	-	-
	65	264.6	262.4	-	-	-	-	-	-	-	-
	72	231.5	231.5	227.1	-	-	-	-	-	-	-
	79	207.2	205.0	202.8	200.6	-	-	-	-	-	-
	85	185.2	183.0	180.8	180.8	176.4	-	-	-	-	-
	92	167.6	165.3	163.1	163.1	158.7	158.7	-	-	-	-
	98	152.1	152.1	149.9	147.7	145.5	143.3	141.1	-	-	-
	111	130.1	127.9	125.7	123.5	121.3	119.0	119.0	116.8	114.6	-
	124	-	110.2	108.0	105.8	103.6	101.4	101.4	99.2	97.0	94.8
SW	138	-	97.0	92.6	92.6	90.4	88.2	86.0	83.8	83.8	81.6
	151	-	-	81.6	81.6	77.2	77.2	75.0	72.8	72.8	70.5
	164	-	-	-	70.5	68.3	68.3	66.1	63.9	63.9	61.7
	177	-	-	-	-	61.7	59.5	57.3	55.1	55.1	52.9
	190	-	-	-	-	55.1	52.9	50.7	48.5	48.5	46.3
	203	-	-	-	-	-	46.3	46.3	41.9	41.9	39.7
	216	-	-	-	-	-	-	39.7	37.5	37.5	35.3
	230	-	-	-	-	-	-	35.3	33.1	33.1	28.7
	243	-	-	-	-	-	-	-	28.7	28.7	26.5
	256	-	-	-	-	-	-	-	-	24.3	22.0
	269	-	-	-	-	-	-	-	-	22.0	19.8
	282	-	-	-	-	-	-	-	-	-	15.4

196.9 ft Main boom											
	Radius ft	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6
	65	-	260.1	-	-	-	-	-	-	-	-
	72	-	227.1	224.9	-	-	-	-	-	-	-
	79	-	202.8	200.6	198.4	-	-	-	-	-	-
	85	-	180.8	178.6	176.4	174.2	-	-	-	-	-
	92	-	165.3	160.9	160.9	156.5	156.5	-	-	-	-
	98	-	149.9	147.7	145.5	143.3	141.1	138.9	-	-	-
	111	-	125.7	123.5	121.3	119.0	119.0	116.8	114.6	110.2	-
	124	-	108.0	105.8	103.6	101.4	101.4	99.2	97.0	94.8	94.8
	138	-	94.8	92.6	90.4	88.2	86.0	86.0	81.6	81.6	79.4
	151	-	-	81.6	79.4	77.2	75.0	72.8	70.5	70.5	68.3
SW	164	-	-	-	70.5	68.3	66.1	63.9	61.7	61.7	59.5
	177	-	-	-	61.7	59.5	57.3	57.3	55.1	52.9	50.7
	190	-	-	-	-	52.9	52.9	50.7	46.3	46.3	44.1
	203	-	-	-	-	-	46.3	44.1	41.9	39.7	37.5
	216	-	-	-	-	-	-	39.7	35.3	35.3	33.1
	230	-	-	-	-	-	-	35.3	30.9	30.9	28.7
	243	-	-	-	-	-	-	-	28.7	26.5	24.3
	256	-	-	-	-	-	-	-	-	24.3	22.0
	269	-	-	-	-	-	-	-	-	19.8	17.6
	282	-	-	-	-	-	-	-	-	-	15.4

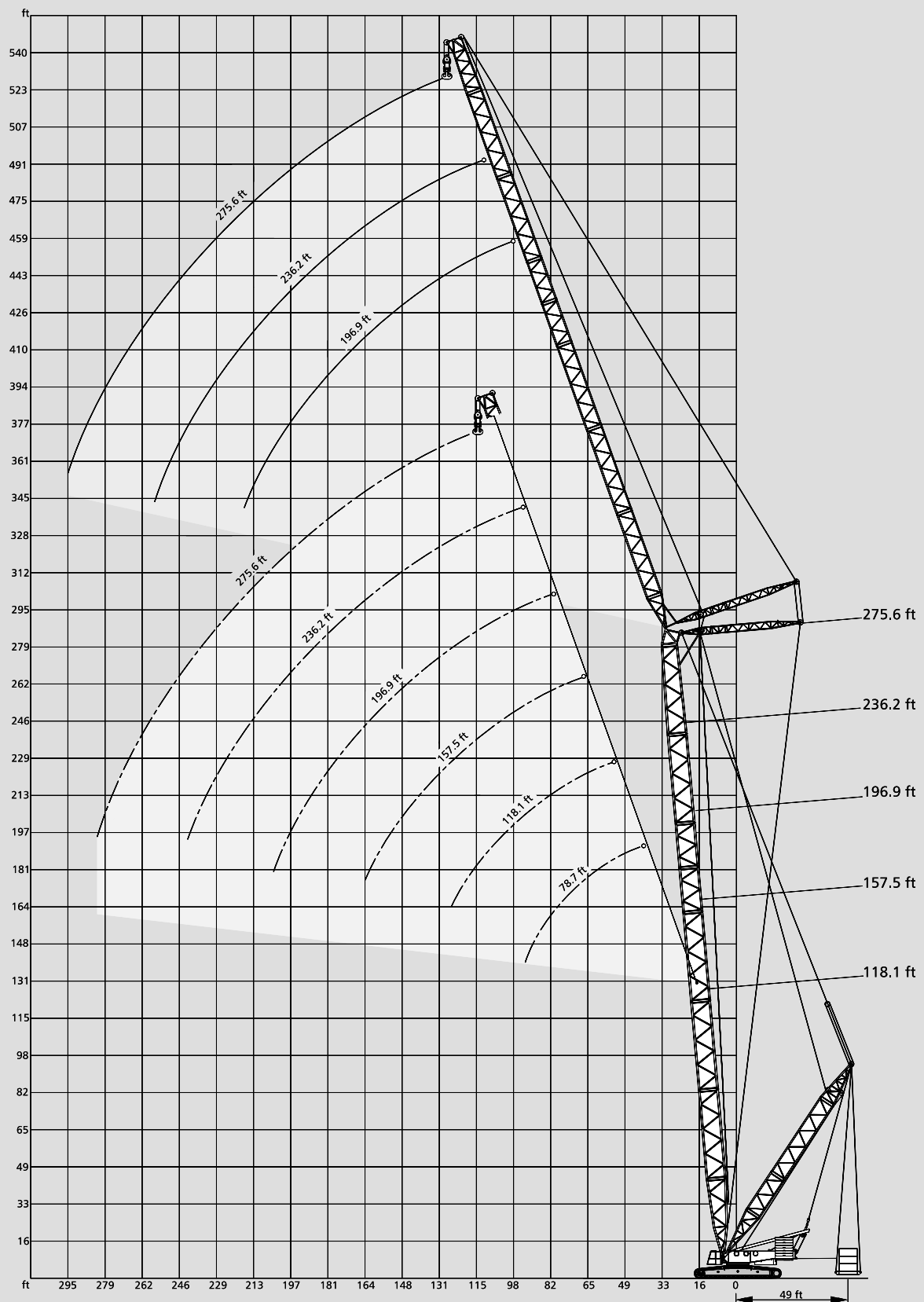
216.5 ft Main boom											
	Radius ft	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6
	79	-	-	196.2	-	-	-	-	-	-	-
	85	-	-	176.4	174.2	-	-	-	-	-	-
	92	-	-	158.7	158.7	154.3	145.5	-	-	-	-
	98	-	-	145.5	143.3	141.1	138.9	127.9	-	-	-
	111	-	-	121.3	121.3	116.8	116.8	114.6	112.4	97.0	-
	124	-	-	103.6	103.6	99.2	99.2	97.0	94.8	94.8	86.0
	138	-	-	90.4	88.2	86.0	86.0	83.8	81.6	79.4	79.4
	151	-	-	79.4	77.2	75.0	75.0	72.8	70.5	68.3	66.1
SW	164	-	-	-	68.3	66.1	63.9	63.9	61.7	59.5	57.3
	177	-	-	-	61.7	59.5	57.3	55.1	52.9	52.9	48.5
	190	-	-	-	-	52.9	50.7	48.5	46.3	44.1	41.9
	203	-	-	-	-	-	44.1	41.9	39.7	39.7	37.5
	216	-	-	-	-	-	39.7	37.5	35.3	35.3	30.9
	230	-	-	-	-	-	-	33.1	30.9	28.7	26.5
	243	-	-	-	-	-	-	-	26.5	26.5	24.3
	256	-	-	-	-	-	-	-	24.3	22.0	19.8
	269	-	-	-	-	-	-	-	-	19.8	17.6
	282	-	-	-	-	-	-	-	-	-	15.4

[MAIN MENU](#)
[CONTENTS](#)



Working ranges luffing fly jib with SL, main boom 85°

SWSL



[MAIN MENUE](#)

[CONTENTS](#)



353.000 lb **27.6 ft** **SL-Radius 49.2 ft** **360°** **DIN/ISO**

[MAIN MENU](#)
[CONTENTS](#)



DIN/ISO

Fly jib		Radius ft	lb	0	110.2	220.5	330.7	440.9	550.0
		1,000 lb							
		111		103.6	156.5	189.6	191.8	-	191.8
		124		88.2	132.3	178.6	189.6	-	189.6
		138		75.0	114.6	156.5	183.0	-	183.0
		151		63.9	101.4	138.9	174.2	176.4	176.4
		164		55.1	90.4	123.5	156.5	169.8	169.8
SWSL	236.2 ft	177		48.5	79.4	110.2	141.1	163.1	163.1
		190		41.9	70.5	99.2	127.9	156.5	156.5
		203		35.3	63.9	90.4	116.8	143.3	143.3
		216		30.9	57.3	83.8	108.0	127.9	127.9
		230		26.5	52.9	75.0	99.2	112.4	112.4
		243		24.3	48.5	70.5	92.6	97.0	97.0

		0	110.2	220.5	330.7	440.9	496.0
ft		1,000 lb					
	111	101.4	136.7	138.9	-	-	141.1
	124	83.8	130.1	138.9	-	-	141.1
	138	72.8	112.4	138.9	138.9	-	138.9
	151	61.7	99.2	134.5	136.7	-	136.7
SWSL	275.6 ft	52.9	86.0	121.3	134.5	-	134.5
	177	44.1	77.2	108.0	132.3	132.3	132.3
	190	39.7	68.3	97.0	125.7	132.3	132.3
	203	33.1	61.7	88.2	114.6	130.1	130.1
	216	28.7	55.1	79.4	105.8	127.9	127.9
	230	24.3	48.5	72.8	97.0	119.0	119.0
	243	19.8	44.1	66.1	88.2	105.8	105.8
	256	17.6	39.7	61.7	81.6	94.8	94.8
	269	15.4	35.3	57.3	77.2	83.8	83.8
	282	11.0	33.1	52.9	70.5	72.8	72.8

Superlift mast 98.4 ft

CONTENTS



Lifting capacities luffing fly jib with SL, main boom 85°

353,000 lb  27.6 ft SL-Radius 49.2 ft 360° DIN/ISO

196.9 ft Main boom

																			
Fly jib	Radius	lb	0	110.2	220.5	330.7	440.9	496.0		Fly jib	Radius	lb	0	110.2	220.5	330.7	440.9	496.0	
	ft		1,000 lb								ft		1,000 lb						
	65		233.7	330.7	388.0	392.4	-	392.4			124		81.6	123.5	123.5	-	-	125.7	
	72		205.0	291.0	379.2	392.4	-	392.4			138		68.3	110.2	123.5	125.7	-	125.7	
	79		180.8	260.1	337.3	388.0	388.0	388.0			151		59.5	94.8	123.5	123.5	-	123.5	
	85		163.1	233.7	304.2	374.8	377.0	377.0			164		50.7	83.8	116.8	121.3	-	121.3	
	92		147.7	211.6	275.6	341.7	363.8	363.8			177		41.9	75.0	105.8	119.0	-	119.0	
SWSL	118.1 ft	98	134.5	194.0	253.5	313.1	352.7	352.7		SWSL	275.6 ft	190	35.3	66.1	94.8	116.8	116.8	116.8	
		111	112.4	163.1	216.1	266.8	319.7	328.5				203	30.9	59.5	86.0	112.4	114.6	114.6	
		124	97.0	141.1	187.4	233.7	277.8	302.0				216	26.5	52.9	77.2	103.6	112.4	112.4	
		138	83.8	123.5	165.3	205.0	240.3	240.3				230	22.0	46.3	70.5	94.8	108.0	108.0	
												243	17.6	41.9	63.9	88.2	105.8	105.8	
												256	15.4	37.5	59.5	81.6	97.0	97.0	
												269	13.2	33.1	55.1	75.0	86.0	86.0	
												282	11.0	30.9	50.7	70.5	75.0	75.0	

		0	110.2	220.5	330.7	440.9	551.2	496.0					
	ft	1,000 lb											
	79	176.4	255.7	293.2	297.6	-	-	297.6					
	85	158.7	229.3	293.2	297.6	-	-	297.6					
	92	143.3	207.2	273.4	297.6	-	-	297.6					
	98	130.1	189.6	249.1	291.0	291.0	-	291.0					
SWSL	157.5 ft	111	108.0	160.9	211.6	264.6	277.8	-	277.8				
		124	92.6	138.9	183.0	229.3	262.4	-	262.4				
		138	79.4	121.3	160.9	202.8	242.5	249.1	249.1				
		151	68.3	105.8	143.3	180.8	216.1	235.9	235.9				
	164	61.7	94.8	127.9	163.1	196.2	202.8	202.8					
	177	55.1	86.0	116.8	147.7	165.3	-	165.3					

		0	110.2	220.5	330.7	440.9	496.0						
	ft	1,000 lb											
	92	138.9	202.8	222.7	-	-	224.9						
	98	125.7	185.2	222.7	224.9	-	224.9						
	111	103.6	156.5	207.2	222.7	-	222.7						
	124	88.2	134.5	178.6	216.1	216.1	216.1						
SWSL	196.9 ft	138	75.0	116.8	156.5	198.4	209.4	209.4					
		151	66.1	101.4	138.9	176.4	200.6	200.6					
		164	57.3	90.4	123.5	158.7	189.6	189.6					
		177	50.7	81.6	112.4	143.3	174.2	180.8					
	190	44.1	72.8	101.4	130.1	158.7	160.9						
	203	37.5	66.1	92.6	119.0	138.9	138.9						

		0	110.2	220.5	330.7	440.9	496.0						
	ft	1,000 lb											
	111	99.2	152.1	167.6	-	-	169.8						
	124	83.8	130.1	167.6	167.6	-	167.6						
	138	70.5	112.4	154.3	163.1	-	163.1						
	151	61.7	99.2	134.5	158.7	-	158.7						
SWSL	236.2 ft	164	52.9	86.0	121.3	154.3	154.3	154.3					
		177	46.3	77.2	108.0	138.9	149.9	149.9					
		190	39.7	68.3	97.0	125.7	145.5	145.5					
		203	33.1	61.7	88.2	114.6	138.9	138.9					
	216	28.7	55.1	81.6	105.8	130.1	132.3						
	230	24.3	50.7	75.0	97.0	116.8	116.8						
	243	22.0	44.1	68.3	90.4	101.4	101.4						

Remarks

Superlift mast 98.4 ft

MAIN MENU

CONTENTS



353,000 lb

27.6 ftSL-Radius 49.2 ft360°DIN/ISO

236.2 ft Main boom								
		SL						
Fly jib	Radius	lb	0	110.2	220.5	330.7	440.9	496.0
	ft		1,000 lb					
	85		154.3	224.9	229.3	-	-	233.7
	92		138.9	202.8	229.3	233.7	-	233.7
	98		125.7	185.2	229.3	231.5	-	231.5
SWSL	111		103.6	156.5	207.2	222.7	-	222.7
	124	157.5 ft	88.2	134.5	180.8	213.8	-	213.8
	138		77.2	116.8	158.7	198.4	202.8	202.8
	151		66.1	103.6	141.1	176.4	194.0	194.0
	164		57.3	92.6	125.7	158.7	185.2	185.2
	177		50.7	81.6	112.4	145.5	176.4	176.4

		1,000 lb						
	ft		0	110.2	220.5	330.7	440.9	496.0
	98		121.3	176.4	178.6	-	-	180.8
	111		101.4	152.1	178.6	178.6	-	178.6
	124		83.8	130.1	172.0	174.2	-	174.2
	138		72.8	112.4	154.3	167.6	-	167.6
SWSL	151	196.9 ft	61.7	99.2	136.7	160.9	160.9	160.9
	164		55.1	88.2	121.3	154.3	156.5	156.5
	177		46.3	79.4	110.2	141.1	152.1	152.1
	190		41.9	70.5	99.2	127.9	145.5	145.5
	203		35.3	63.9	90.4	116.8	141.1	141.1
	216		30.9	57.3	81.6	108.0	123.5	123.5

		1,000 lb						
	ft		0	110.2	220.5	330.7	440.9	385.8
	111		97.0	134.5	136.7	-	-	138.9
	124		81.6	125.7	136.7	-	-	138.9
	138		68.3	110.2	134.5	134.5	-	134.5
	151		57.3	94.8	130.1	132.3	-	132.3
SWSL	164	236.2 ft	48.5	83.8	116.8	127.9	-	127.9
	177		41.9	75.0	105.8	123.5	123.5	123.5
	190		35.3	66.1	94.8	119.0	119.0	119.0
	203		30.9	59.5	86.0	112.4	116.8	116.8
	216		26.5	52.9	79.4	103.6	112.4	112.4
	230		22.0	48.5	72.8	94.8	108.0	105.8
	243		19.8	41.9	66.1	88.2	103.6	99.2
	256		15.4	39.7	61.7	81.6	90.4	90.4

		1,000 lb						
	ft		0	110.2	220.5	330.7	440.9	385.8
	124		75.0	103.6	103.6	-	-	105.8
	138		63.9	103.6	103.6	-	-	105.8
	151		52.9	92.6	103.6	103.6	-	103.6
	164		46.3	81.6	101.4	101.4	-	101.4
SWSL	177	275.6 ft	39.7	72.8	99.2	101.4	-	101.4
	190		33.1	63.9	92.6	99.2	-	99.2
	203		28.7	55.1	83.8	97.0	97.0	97.0
	216		24.3	50.7	75.0	94.8	94.8	94.8
	230		19.8	44.1	68.3	92.6	92.6	92.6
	243		15.4	39.7	63.9	86.0	88.2	88.2
	256		13.2	35.3	57.3	79.4	86.0	86.0
	269		11.0	30.9	52.9	72.8	83.8	83.8
	282		8.8	28.7	48.5	68.3	79.4	77.2
	295		-	24.3	44.1	63.9	66.1	66.1

Remarks

Superlift mast 98.4 ft



353.000 lb **27.6 ft** **SL-Radius 49.2 ft** **360°** **DIN/ISO**

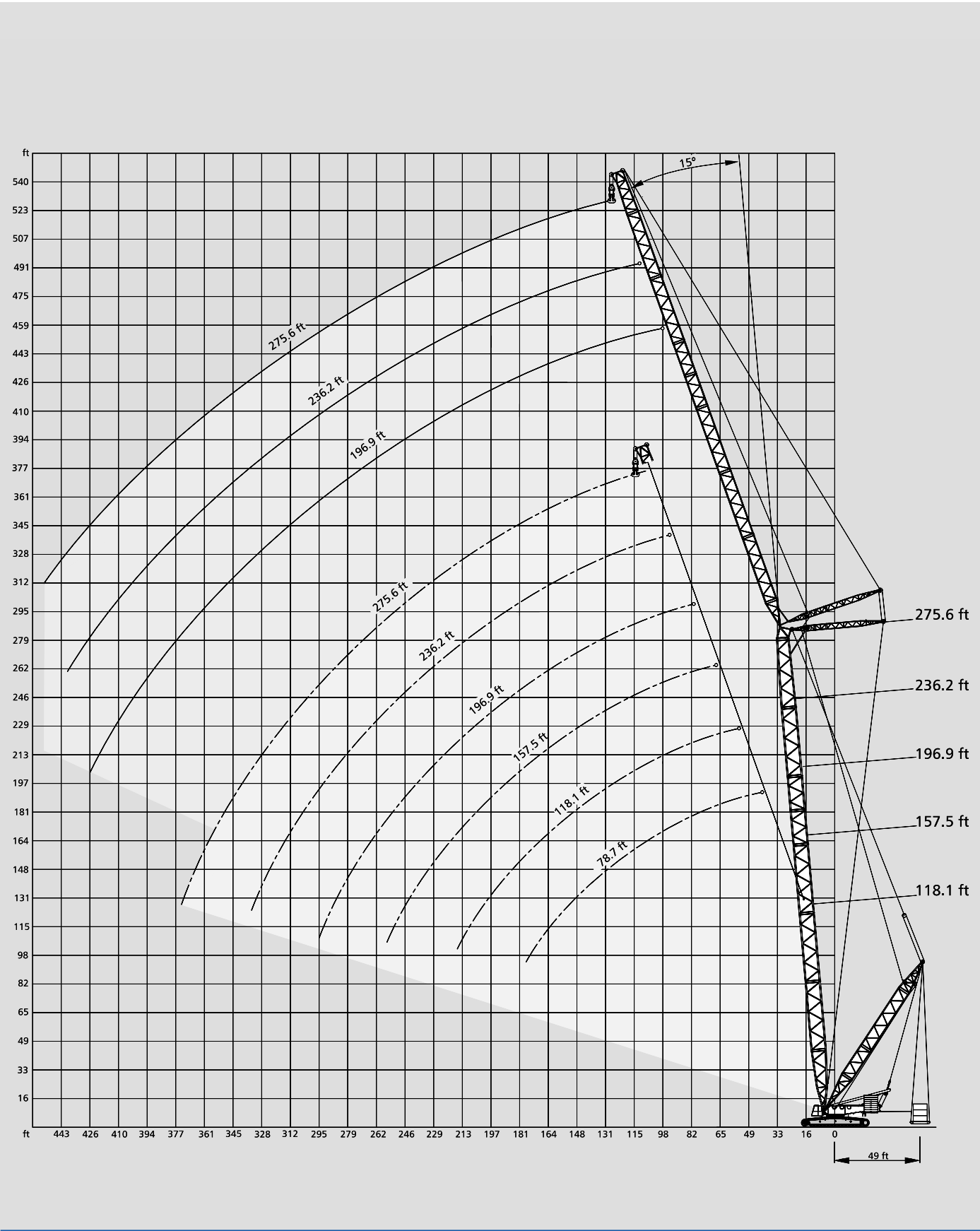
Superlift mast 98.4 ft

CONTENTS



Working ranges fixed fly jib with SL, 15°

SFSL



[MAIN MENUE](#)

[CONTENTS](#)



Lifting capacities fixed fly jib with SL, 15°

353,000 lb  27.6 ft SL-Radius 49.2 ft 360° DIN/ISO

118.1 ft Main boom

		 									
Fly jib	Radius	lb	0	110.2	220.5	330.7	440.9	551.2	661.4	606.3	
	ft	1,000 lb									
	52	326.3	458.6	588.6	661.4	661.4	-	-	-	661.4	
	59	271.2	383.6	496.0	606.3	661.4	661.4	-	-	661.4	
	65	229.3	328.5	425.5	522.5	621.7	628.3	-	-	628.3	
	72	198.4	284.4	370.4	458.6	544.5	582.0	-	-	582.0	
	79	172.0	249.1	328.5	405.7	485.0	535.7	-	-	535.7	
	85	152.1	222.7	293.2	363.8	434.3	493.8	-	-	493.8	
	92	134.5	198.4	262.4	328.5	392.4	458.6	458.6	-	458.6	
SFSL	78.7 ft	98	119.0	178.6	238.1	297.6	357.1	418.9	425.5	425.5	
		111	94.8	147.7	198.4	251.3	302.0	354.9	366.0	366.0	
		124	77.2	123.5	167.6	213.8	260.1	304.2	-	313.1	
		138	61.7	103.6	143.3	185.2	224.9	266.8	-	269.0	
		151	50.7	88.2	125.7	160.9	198.4	231.5	-	231.5	
		164	39.7	75.0	108.0	143.3	176.4	202.8	-	202.8	
		177	30.9	63.9	94.8	125.7	156.5	183.0	-	183.0	

		 									
Fly jib	Radius	lb	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5	
	ft	1,000 lb									
	92	141.1	207.2	271.2	295.4	-	-	-	-	295.4	
	98	125.7	185.2	246.9	293.2	293.2	-	-	-	293.2	
	111	101.4	154.3	205.0	255.7	293.2	-	-	-	293.2	
	124	81.6	127.9	174.2	220.5	264.6	286.6	-	-	286.6	
	138	68.3	108.0	149.9	189.6	231.5	271.2	-	-	273.4	
	151	55.1	92.6	130.1	165.3	202.8	240.3	255.7	-	255.7	
	164	44.1	79.4	112.4	145.5	180.8	213.8	233.7	-	233.7	
SFSL	196.9 ft	177	35.3	68.3	99.2	130.1	160.9	191.8	211.6	211.6	
		190	26.5	57.3	88.2	116.8	145.5	174.2	191.8	191.8	
		203	19.8	48.5	77.2	103.6	130.1	156.5	174.2	174.2	
		216	15.4	41.9	68.3	92.6	119.0	143.3	158.7	158.7	
		230	8.8	35.3	59.5	83.8	108.0	130.1	143.3	143.3	
		243	-	28.7	52.9	75.0	97.0	119.0	130.1	130.1	
		256	-	24.3	46.3	68.3	90.4	110.2	116.8	116.8	
		269	-	17.6	39.7	61.7	81.6	101.4	105.8	105.8	
		282	-	13.2	35.3	55.1	75.0	90.4	90.4	90.4	
		295	-	11.0	28.7	48.5	68.3	75.0	-	75.0	

		0 110.2 220.5 330.7 440.9 551.2 661.4 716.5									
	ft	1,000 lb									
	65	235.9	335.1	432.1	529.1	555.6	-	-	-	555.6	
	72	202.8	291.0	377.0	463.0	540.1	540.1	-	-	540.1	
	79	178.6	255.7	332.9	412.3	489.4	513.7	-	-	513.7	
	85	156.5	227.1	297.6	368.2	438.7	487.2	-	-	487.2	
	92	138.9	202.8	269.0	332.9	396.8	456.4	-	-	456.4	
	98	123.5	183.0	242.5	302.0	361.6	423.3	425.5	-	425.5	
SFSL	118.1 ft	111	99.2	149.9	202.8	253.5	306.4	357.1	374.8	374.8	
		124	81.6	125.7	172.0	218.3	262.4	308.6	332.9	332.9	
		138	66.1	108.0	147.7	189.6	229.3	271.2	295.4	295.4	
		151	52.9	90.4	127.9	165.3	202.8	238.1	262.4	262.4	
		164	44.1	79.4	112.4	145.5	178.6	213.8	231.5	231.5	
		177	35.3	68.3	99.2	130.1	160.9	191.8	205.0	205.0	
		190	26.5	57.3	86.0	114.6	143.3	172.0	180.8	180.8	
		203	19.8	48.5	77.2	103.6	130.1	156.5	160.9	160.9	
		216	15.4	41.9	68.3	92.6	119.0	138.9	-	138.9	

		0 110.2 220.5 330.7 440.9 551.2 661.4 606.3									
	ft	1,000 lb									
	111	101.4	154.3	205.0	209.4	-	-	-	-	209.4	
	124	81.6	127.9	174.2	207.2	-	-	-	-	207.2	
	138	68.3	108.0	149.9	189.6	205.0	-	-	-	205.0	
	151	55.1	92.6	130.1	165.3	200.6	-	-	-	200.6	
	164	44.1	79.4	112.4	145.5	180.8	194.0	-	-	194.0	
	177	35.3	68.3	99.2	130.1	160.9	183.0	-	-	183.0	
SFSL	236.2 ft	190	26.5	57.3	86.0	114.6	143.3	172.0	-	172.0	
		203	19.8	48.5	77.2	103.6	130.1	156.5	160.9	160.9	
		216	13.2	39.7	66.1	92.6	116.8	143.3	149.9	149.9	
		230	8.8	33.1	59.5	83.8	105.8	130.1	141.1	141.1	
		243	-	28.7	50.7	75.0	97.0	119.0	130.1	130.1	
		256	-	22.0	44.1	66.1	88.2	110.2	121.3	119.0	
		269	-	17.6	39.7	59.5	81.6	101.4	112.4	110.2	
		282	-	13.2	33.1	52.9	72.8	92.6	101.4	101.4	
		295	-	8.8	28.7	48.5	66.1	86.0	88.2	88.2	
		308	-	-	24.3	41.9	61.7	77.2	77.2	77.2	
		321	-	-	19.8	37.5	55.1	66.1	66.1	66.1	
		335	-	-	15.4	33.1	50.7	52.9	-	52.9	

		0 110.2 220.5 330.7 440.9 551.2 661.4 606.3									
	ft	1,000 lb									
	79	180.8	257.9	337.3	410.1	410.1	-	-	-	410.1	
	85	158.7	229.3	299.8	370.4	407.9	-	-	-	407.9	
	92	141.1	205.0	271.2	335.1	399.0	403.4	-	-	403.4	
	98	125.7	185.2	244.7	304.2	363.8	399.0	-	-	399.0	
	111	101.4	152.1	205.0	255.7	308.6	359.4	-	-	361.6	
	124	81.6	127.9	174.2	218.3	264.6	310.9	-	-	315.3	
SFSL	157.5 ft	138	68.3	108.0	149.9	189.6	231.5	271.2	284.4	284.4	
		151	55.1	92.6	130.1	165.3	202.8	240.3	255.7	255.7	
		164	44.1	79.4	112.4	145.5	180.8	213.8	229.3	229.3	
		177	35.3	68.3	99.2	130.1	160.9	191.8	205.0	205.0	
		190	26.5	57.3	88.2	116.8	145.5	174.2	183.0	183.0	
		203	19.8	48.5	77.2	103.6	130.1	156.5	163.1	163.1	
		216	15.4	41.9	68.3	92.6	119.0	143.3	147.7	147.7	
		230	11.0	35.3	59.5	83.8	108.0	132.3	132.3	132.3	
		243	-	28.7	52.9	77.2	99.2	121.3	121.3	121.3	
		256	-	24.3	46.3	68.3	90.4	101.4	-	101.4	

		0 110.2 220.5 330.7 440.9 551.2 661.4 606.3									
	ft	1,000 lb									
	124	83.9	127.9	149.9	152.1	-	-	-	-	152.1	
	138	68.3	108.0	149.9	149.9	-	-	-	-	149.9	
	151	55.1	92.6	130.1	149.9	-	-	-	-	149.9	
	164	44.1	79.4	112.4	145.5	147.7	-	-	-	147.7	
	177	35.3	68.3	99.2	130.1	145.5	-	-	-	145.5	
	190	26.5	57.3	86.0	114.6	141.1	141.1	-	-	141.1	
SFSL	275.6 ft	203	19.8	48.5	77.2	103.6	130.1	136.7	-	136.7	
		216	13.2	39.7	66.1	92.6	116.8	132.3	-	132.3	
		230	8.8	33.1	59.5	83.8	105.8	125.7	-	125.7	
		243	-	28.7	50.7	75.0	97.0	119.0	121.3	121.3	
		256	-	22.0	44.1	66.1	88.2	110.2	114.6	114.6	
		269	-	17.6	37.5	59.5	81.6	101.4	110.2	110.2	
		282	-	13.2	33.1	52.9	72.8	92.6	103.6	101.4	
		295	-	8.8	28.7	48.5	66.1	86.0	97.0	94.8	
		308	-	-	24.3	41.9	59.5	79.4	86.0	86.0	
		321	-	-	19.8	37.5	55.1	72.8	77.2	77.2	
		335	-	-	15.4	33.1	50.7	66.1	66.1	66.1	
		348	-	-	13.2	28.7	44.1	57.3	57.3	57.3	
		361	-	-	8.8	24.3	39.7	48.5	48.5	48.5	
		374	-	-	-	22.0	35.3	37.5	-	37.5	

Remarks

Superlift mast 98.4 ft

[MAIN MENUE](#)

[CONTENTS](#)



353,000 lb

 27.6 ft

SL-Radius 49.2 ft

360°

DIN/ISO

157.5 ft		Main boom											
													
Fly jib	Radius	lb	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5			
		1,000 lb											
SFSL	78.7 ft	52	324.1	454.2	586.4	657.0	657.0	-	-	657.0			
		59	269.0	379.2	491.6	604.1	646.0	-	-	646.0			
		65	224.9	324.1	421.1	518.1	617.3	623.9	-	623.9			
		72	194.0	280.0	366.0	454.2	540.1	604.1	-	604.1			
		79	167.6	244.7	321.9	401.2	478.4	557.8	571.0	571.0			
		85	145.5	216.1	286.6	357.1	429.9	500.4	531.3	531.3			
		92	127.9	191.8	257.9	321.9	388.0	451.9	493.8	493.8			
		98	112.4	172.0	231.5	293.2	352.7	412.3	458.6	458.6			
		111	88.2	141.1	191.8	244.7	295.4	348.3	399.0	403.4			
		124	70.5	116.8	160.9	207.2	253.5	299.8	343.9	350.5			
		138	55.1	97.0	138.9	178.6	220.5	260.1	302.0	304.2			
		151	41.9	81.6	119.0	154.3	191.8	229.3	264.6	264.6			
		164	30.9	68.3	101.4	136.7	169.8	202.8	229.3	229.3			
		177	22.0	55.1	88.2	119.0	149.9	180.8	200.6	200.6			
		190	15.4	46.3	77.2	105.8	134.5	163.1	176.4	176.4			
		203	8.8	37.5	66.1	94.8	121.3	147.7	156.5	156.5			
		216	-	30.9	57.3	83.8	108.0	134.5	141.1	141.1			
SFSL	196.9 ft	98	123.5	183.0	242.5	264.6	-	-	-	264.6			
		111	97.0	149.9	200.6	253.5	264.6	-	-	264.6			
		124	79.4	123.5	169.8	216.1	260.1	264.6	-	264.6			
		138	61.7	103.6	145.5	185.2	227.1	257.9	-	257.9			
		151	48.5	88.2	123.5	160.9	198.4	235.9	251.3	251.3			
		164	37.5	75.0	108.0	141.1	174.2	209.4	235.9	235.9			
		177	28.7	61.7	94.8	125.7	156.5	187.4	216.1	216.1			
		190	19.8	50.7	81.6	110.2	138.9	167.6	196.2	198.4			
		203	13.2	41.9	70.5	99.2	125.7	152.1	178.6	183.0			
		216	8.8	35.3	61.7	88.2	112.4	136.7	163.1	167.6			
		230	-	28.7	52.9	77.2	101.4	125.7	147.7	152.1			
		243	-	22.0	44.1	68.3	92.6	114.6	136.7	136.7			
		256	-	15.4	37.5	59.5	83.8	103.6	125.7	125.7			
		269	-	11.0	33.1	52.9	75.0	94.8	112.4	112.4			
		282	-	-	26.5	46.3	66.1	88.2	101.4	101.4			
		295	-	-	22.0	41.9	59.5	79.4	90.4	90.4			
		308	-	-	17.6	35.3	52.9	72.8	81.6	81.6			
		321	-	-	13.2	30.9	48.5	66.1	68.3	68.3			
		335	-	-	8.8	26.5	44.1	57.3	57.3	57.3			

		0	110.2	220.5	330.7	440.9	551.2	661.4	716.5			0	110.2	220.5	330.7	440.9	551.2	661.4	716.5	
SFSL	118.1 ft	72	200.6	286.6	374.8	460.8	478.4	-	-	478.4		111	99.2	149.9	189.6	191.8	-	-	-	191.8
		79	174.2	251.3	330.7	407.9	476.2	476.2	-	476.2		124	79.4	125.7	169.8	189.6	-	-	-	189.6
		85	152.1	222.7	293.2	363.8	434.3	474.0	-	474.0		138	63.9	103.6	145.5	185.2	189.6	-	-	189.6
		92	134.5	198.4	262.4	328.5	392.4	458.6	471.8	471.8		151	48.5	88.2	125.7	160.9	187.4	-	-	187.4
		98	119.0	178.6	238.1	297.6	357.1	416.7	445.3	445.3		164	37.5	75.0	108.0	141.1	176.4	183.0	-	183.0
		111	94.8	145.5	198.4	249.1	302.0	352.7	388.0	388.0		177	28.7	61.7	94.8	125.7	156.5	178.6	-	178.6
		124	75.0	121.3	165.3	211.6	257.9	304.2	346.1	346.1		190	19.8	50.7	81.6	110.2	138.9	167.6	-	169.8
		138	59.5	101.4	141.1	183.0	222.7	264.6	304.2	308.6		203	13.2	41.9	70.5	97.0	125.7	152.1	160.9	160.9
		151	46.3	86.0	121.3	158.7	196.2	233.7	269.0	275.6		216	-	35.3	61.7	88.2	112.4	136.7	152.1	152.1
		164	35.3	72.8	105.8	138.9	174.2	207.2	240.3	246.9		230	-	26.5	52.9	77.2	101.4	125.7	143.3	143.3
		177	26.5	59.5	92.6	123.5	154.3	185.2	216.1	218.3		243	-	22.0	44.1	68.3	90.4	114.6	134.5	134.5
		190	19.8	50.7	79.4	108.0	136.7	167.6	194.0	194.0		256	-	15.4	37.5	59.5	81.6	103.6	125.7	125.7
		203	13.2	41.9	68.3	97.0	123.5	149.9	172.0	172.0		269	-	11.0	30.9	52.9	75.0	94.8	114.6	116.8
		216	-	33.1	59.5	86.0	112.4	136.7	154.3	154.3		282	-	-	26.5	46.3	66.1	86.0	105.8	108.0
		230	-	26.5	50.7	77.2	101.4	123.5	136.7	136.7		295	-	-	22.0	39.7	59.5	79.4	97.0	101.4
		243	-	19.8	44.1	68.3	90.4	112.4	123.5	123.5		308	-	-	17.6	35.3	52.9	72.8	90.4	90.4
		256	-	15.4	37.5	59.5	81.6	103.6	105.8	105.8		321	-	-	13.2	30.9	48.5	66.1	79.4	79.4
												335	-	-	8.8	26.5	41.9	59.5	68.3	68.3
												348	-	-	-	22.0	37.5	52.9	59.5	59.5
										361	-	-	-	17.6	33.1	48.5	48.5	48.5		
										374	-	-	-	13.2	28.7	39.7	39.7	39.7		

		0	110.2	220.5	330.7	440.9	551.2	661.4	716.5			0	110.2	220.5	330.7	440.9	551.2	661.4	716.5		
SFSL	157.5 ft	85	156.5	227.1	297.6	357.1	357.1	-	-	357.1		124	81.6	125.7	138.9	-	-	-	-	141.1	
		92	136.7	202.8	266.8	330.7	357.1	-	-	357.1		138	63.9	105.8	138.9	138.9	-	-	-	138.9	
		98	121.3	180.8	240.3	299.8	357.1	357.1	-	357.1		151	50.7	88.2	125.7	138.9	-	-	-	138.9	
		111	97.0	147.7	200.6	251.3	304.2	352.7	-	352.7		164	39.7	75.0	108.0	138.9	138.9	-	-	138.9	
		124	77.2	123.5	167.6	213.8	260.1	306.4	328.5	328.5		177	30.9	61.7	94.8	125.7	136.7	-	-	136.7	
		138	61.7	103.6	143.3	185.2	224.9	266.8	302.0	302.0		190	22.0	52.9	81.6	110.2	134.5	134.5	-	134.5	
		151	48.5	86.0	123.5	160.9	198.4	233.7	271.2	273.4		203	15.4	41.9	70.5	99.2	125.7	130.1	-	130.1	
		164	37.5	72.8	108.0	141.1	174.2	207.2	242.5	246.9		216	8.8	35.3	61.7	88.2	112.4	125.7	-	125.7	
		177	28.7	61.7	92.6	123.5	154.3	185.2	218.3	220.5		230	-	28.7	52.9	77.2	101.4	121.3	-	121.3	
		190	19.8	50.7	81.6	110.2	138.9	167.6	196.2	198.4	SFSL	275.6 ft	243	-	22.0	44.1	68.3	92.6	114.6	116.8	116.8
		203	13.2	41.9	70.5	97.0	125.7	152.1	176.4	176.4			256	-	15.4	37.5	59.5	83.8	103.6	110.2	110.2
		216	-	35.3	61.7	88.2	112.4	136.7	156.5	156.5			269	-	11.0	33.1	52.9	75.0	94.8	105.8	105.8
		230	-	26.5	52.9	77.2	101.4	125.7	141.1	141.1			282	-	-	26.5	46.3	66.1	86.0	101.4	101.4
		243	-	22.0	44.1	68.3	92.6	114.6	125.7	125.7			295	-	-	22.0	39.7	59.5	79.4	94.8	94.8
		256	-	15.4	37.5	61.7	83.8	103.6	112.4	112.4			308	-	-	17.6	35.3	52.9	72.8	90.4	90.4
		269	-	11.0	33.1	52.9	75.0	94.8	103.6	103.6			321	-	-	13.2	30.9	48.5	66.1	83.8	83.8
		282	-	-	26.5	46.3	66.1	88.2	94.8	94.8			335	-	-	8.8	26.5	41.9	59.5	77.2	77.2
295	-	-	22.0	41.9	59.5	79.4	79.4	79.4	348	-			-	-	22.0	37.5	52.9	68.3	68.3		
									361	-			-	-	17.6	33.1	48.5	59.5	59.5		
									374	-			-	-	13.2	28.7	44.1	50.7	50.7		
									387	-			-	-	11.0	24.3	39.7	41.9	41.9		
									400	-			-	-	-	22.0	33.1	33.1	33.1		



353,000 lb **27.6 ft** **SL-Radius 49.2 ft** **360°** **DIN/ISO**

[MAIN MENU](#)
[CONTENTS](#)



353,000 lb

 27.6 ft

SL-Radius 49.2 ft

360°

DIN/ISO

236.2 ft Main boom

											
Fly jib	Radius	lb	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5	
	ft	1,000 lb									
	92	130.1	196.2	229.3	233.7	-	-	-	-	233.7	
	98	114.6	174.2	229.3	233.7	-	-	-	-	233.7	
	111	88.2	138.9	191.8	233.7	233.7	-	-	-	233.7	
	124	66.1	114.6	158.7	205.0	233.7	-	-	-	233.7	
	138	50.7	92.6	134.5	174.2	216.1	233.7	-	-	233.7	
	151	35.3	75.0	112.4	149.9	187.4	224.9	233.4	233.7	233.7	
	164	24.3	61.7	97.0	130.1	163.1	198.4	222.7	222.7	222.7	
	177	15.4	48.5	81.6	112.4	143.3	174.2	207.2	207.2	207.2	
	190	-	37.5	68.3	99.2	127.9	156.5	185.2	185.2	191.8	
	203	-	28.7	57.3	86.0	112.4	138.9	165.3	165.3	176.4	
	216	-	19.8	46.3	72.8	99.2	125.7	149.9	149.9	163.1	
SFSL	157.5 ft	230	-	13.2	37.5	63.9	88.2	112.4	136.7	147.7	
		243	-	-	30.9	55.1	77.2	101.4	123.5	134.5	
		256	-	-	24.3	46.3	68.3	90.4	112.4	123.5	
		269	-	-	17.6	39.7	59.5	81.6	101.4	112.4	
		282	-	-	13.2	33.1	52.9	72.8	92.6	101.4	
		295	-	-	-	26.5	46.3	63.9	83.8	90.4	
		308	-	-	-	22.0	39.7	57.3	75.2	79.4	
		321	-	-	-	15.4	33.1	50.7	68.3	70.5	
		335	-	-	-	11.0	28.7	46.3	59.5	59.5	
		348	-	-	-	-	24.3	39.7	50.7	50.7	
	361	-	-	-	-	19.8	35.3	39.7	39.7		

											
Fly jib	Radius	lb	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5	
	ft	1,000 lb									
	124	72.8	119.0	136.7	138.9	-	-	-	-	138.9	
	138	55.1	97.0	136.7	138.9	-	-	-	-	138.9	
	151	39.7	79.4	116.8	138.9	138.9	-	-	-	138.9	
	164	28.7	63.9	99.2	132.3	138.9	-	-	-	138.9	
	177	17.6	50.7	83.8	114.6	138.9	138.9	-	-	138.9	
	190	8.8	39.7	70.5	101.4	130.1	134.5	-	-	134.5	
	203	-	30.9	59.5	88.2	114.6	130.1	-	-	130.1	
	216	-	22.0	48.5	75.0	101.4	123.5	123.5	-	123.5	
	230	-	15.4	39.7	63.9	90.4	114.6	119.0	-	119.0	
	243	-	8.8	33.1	55.1	79.4	103.6	114.6	-	114.6	
	256	-	-	24.3	46.3	70.5	92.6	108.0	-	108.0	
SFSL	236.2 ft	269	-	-	17.6	39.7	61.7	81.6	103.6	-	103.6
		282	-	-	13.2	33.1	52.9	72.8	92.6	-	97.0
		295	-	-	-	26.5	46.3	66.1	83.8	-	92.6
		308	-	-	-	22.0	39.7	57.3	77.2	-	83.8
		321	-	-	-	15.4	33.1	50.7	68.3	-	77.2
		335	-	-	-	11.0	28.7	46.3	61.7	-	68.3
		348	-	-	-	-	24.3	39.7	55.1	-	59.5
		361	-	-	-	-	19.8	35.3	50.7	-	52.9
		374	-	-	-	-	15.4	28.7	44.1	-	46.3
		387	-	-	-	-	11.0	24.3	37.5	-	37.5
		400	-	-	-	-	-	22.0	30.9	-	30.9
		414	-	-	-	-	-	17.6	24.3	-	24.3
427	-	-	-	-	-	13.2	17.6	-	17.6		
440	-	-	-	-	-	11.0	11.0	-	11.0		

		0	110.2	220.5	330.7	440.9	551.2	661.4	716.5	
ft		1,000 lb								
	111	90.4	143.3	178.6	180.8	-	-	-	180.8	
	124	70.5	116.8	163.1	180.8	-	-	-	180.8	
	138	52.9	94.8	136.7	176.4	180.8	-	-	180.8	
	151	39.7	77.2	114.6	152.1	180.8	-	-	180.8	
	164	26.5	61.7	99.2	132.3	165.3	180.8	-	180.8	
	177	17.6	50.7	83.8	114.6	145.5	176.4	178.6	178.6	
	190	8.8	39.7	70.5	99.2	127.9	156.5	169.8	169.8	
	203	-	28.7	57.3	86.0	114.6	141.1	158.7	158.7	
	216	-	22.0	48.5	75.0	101.4	125.7	149.9	149.9	
	230	-	15.4	39.7	63.9	90.4	114.6	136.7	138.9	
SFSL	196.9 ft	243	-	8.8	30.9	55.1	79.4	101.4	125.7	130.1
		256	-	-	24.3	46.3	68.3	90.4	112.4	121.3
		269	-	-	17.6	39.7	61.7	81.6	103.6	112.4
		282	-	-	13.2	33.1	52.9	72.8	92.6	103.6
		295	-	-	-	26.5	46.3	66.1	83.8	94.8
		308	-	-	-	22.0	39.7	57.3	77.2	83.8
		321	-	-	-	15.4	33.1	50.7	68.3	75.0
		335	-	-	-	11.0	28.7	46.3	61.7	66.1
		348	-	-	-	-	24.3	39.7	55.1	57.3
		361	-	-	-	-	19.8	35.3	48.5	48.5
		374	-	-	-	-	15.4	30.9	39.7	39.7
		387	-	-	-	-	11.0	26.5	33.1	33.1
		400	-	-	-	-	-	22.0	24.3	24.3

		0	110.2	220.5	330.7	440.9	551.2	661.4	716.5	
		ft	1,000 lb							
		138	55.1	99.2	103.6	-	-	-	105.8	
		151	41.9	81.6	103.6	105.8	-	-	105.8	
		164	30.9	66.1	101.4	105.8	-	-	105.8	
		177	19.8	52.9	86.0	105.8	105.8	-	105.8	
		190	11.0	41.9	72.8	103.6	105.8	-	105.8	
		203	-	33.1	61.7	90.4	103.6	103.6	-	
		216	-	24.3	50.7	77.2	101.4	101.4	-	
		230	-	17.6	41.9	66.1	90.4	99.2	-	
		243	-	11.0	33.1	57.3	81.6	97.0	97.0	
		256	-	-	26.5	48.5	70.5	92.6	92.6	
SFSL	275.6 ft	269	-	-	19.8	41.9	61.7	83.8	90.4	90.4
		282	-	-	13.2	35.3	55.1	75.0	88.2	88.2
		295	-	-	8.8	28.7	46.3	66.1	83.8	83.8
		308	-	-	-	22.0	39.7	59.5	77.2	79.4
		321	-	-	-	17.6	35.3	52.9	70.5	77.2
		335	-	-	-	13.2	28.7	46.3	63.9	70.5
		348	-	-	-	8.8	24.3	39.7	57.3	61.7
		361	-	-	-	-	19.8	35.3	50.7	55.1
		374	-	-	-	-	15.4	30.9	46.3	48.5
		387	-	-	-	-	11.0	26.5	39.7	41.9
		400	-	-	-	-	-	22.0	35.3	35.3
		414	-	-	-	-	-	17.6	30.9	30.9
		427	-	-	-	-	-	13.2	24.3	24.3
		440	-	-	-	-	-	11.0	17.6	17.6
		453	-	-	-	-	-	-	13.2	13.2

Remarks

Superlift mast 98.4 ft



353.000 lb **27.6 ft** **SL-Radius 49.2 ft** **360°** **DIN/ISO**

		0	110.2	220.5	330.7	440.9	551.2	661.4	716.5	
		ft	1,000 lb							
		124	66.1	150.8	105.8	-	-	-	-	105.8
		138	48.5	94.8	105.8	105.8	-	-	-	105.8
		151	35.3	75.0	105.8	105.8	-	-	-	105.8
		164	22.0	59.5	94.8	105.8	-	-	-	105.8
		177	13.2	46.3	79.4	105.8	105.8	-	-	105.8
		190	-	35.3	66.1	94.8	105.8	-	-	105.8
		203	-	24.3	52.9	81.6	105.8	105.8	-	105.8
		216	-	15.4	44.1	70.5	97.0	101.4	-	101.4
		230	-	8.8	33.1	59.5	83.8	99.2	99.2	99.2
		243	-	-	26.5	48.5	72.8	97.0	97.0	97.0
SFSL	236.9 ft	256	-	-	19.8	41.9	63.9	86.0	92.6	92.6
		269	-	-	13.2	33.1	55.1	75.0	88.2	88.2
		282	-	-	-	26.5	46.3	66.1	86.0	86.0
		295	-	-	-	19.8	39.7	59.5	77.2	81.6
		308	-	-	-	15.4	33.1	50.7	70.5	75.0
		321	-	-	-	8.8	26.5	44.1	61.7	66.1
		335	-	-	-	-	22.0	39.7	55.1	59.5
		348	-	-	-	-	17.6	33.1	48.5	52.9
		361	-	-	-	-	13.2	28.7	44.1	46.3
		374	-	-	-	-	8.8	22.0	37.5	39.7
		387	-	-	-	-	17.6	33.1	33.1	
		400	-	-	-	-	13.2	26.5	26.5	
		414	-	-	-	-	11.0	22.0	22.0	
		427	-	-	-	-	-	15.4	15.4	
		440	-	-	-	-	-	11.0	11.0	

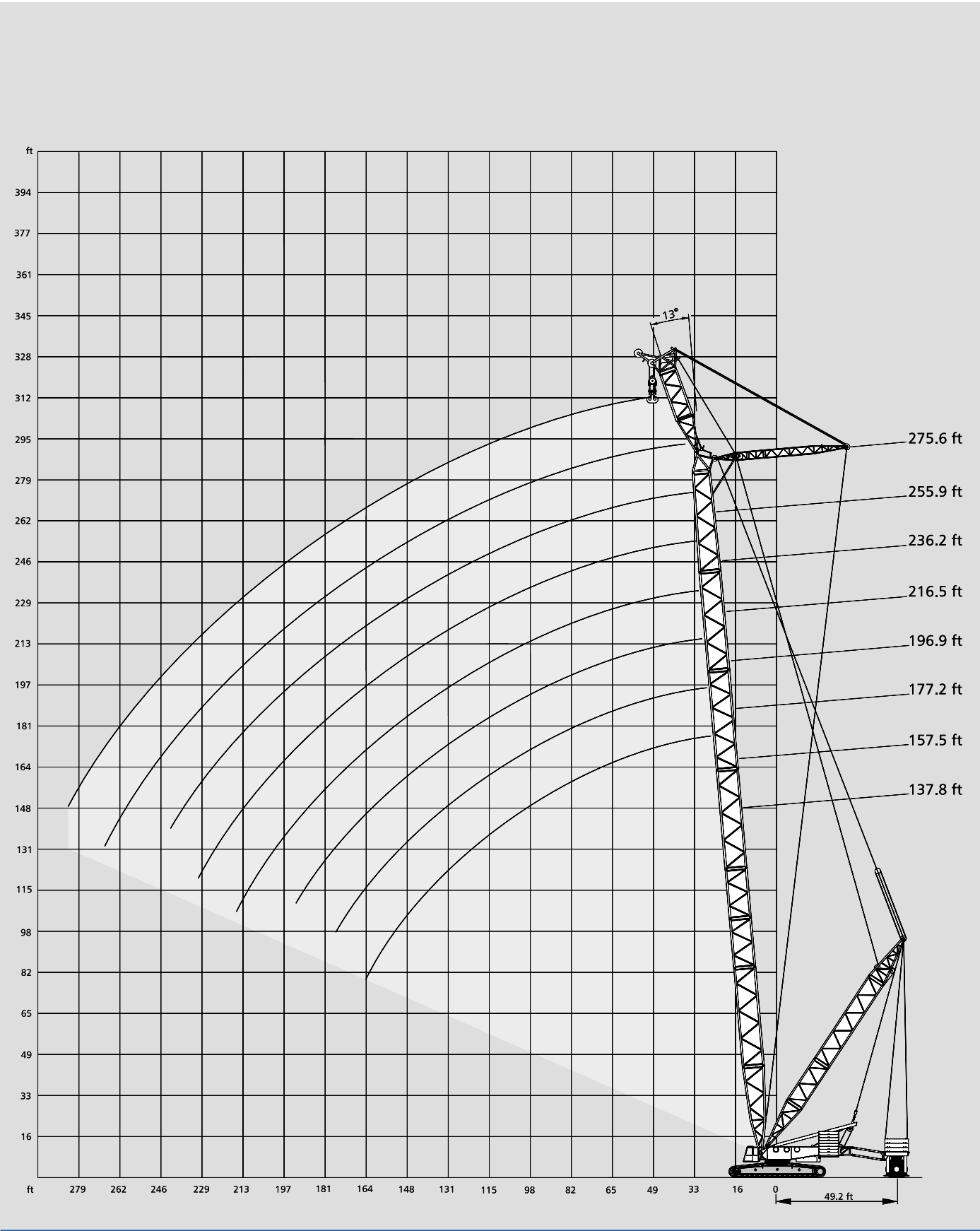
Superlift mast 98.4 ft

CONTENTS



Working ranges fixed fly jib SFVL with SL, 13°

SFVL



[MAIN MENU](#)

[CONTENTS](#)



Lifting capacities fixed fly jib SFVL with Superlift

353,000 lb  27.6 ft SL-Radius 49.2 ft 360° DIN/ISO

137.8 ft Main boom				
Radius	Fly jib 39.4 ft			
	13°		20°	
	0	 716.5	0	 716.5
1,000 lb				
ft				
39	480.6	1058.2	-	-
46	370.4	1009.7	374.8	965.6
52	297.6	961.2	302.0	921.5
59	246.9	868.6	249.1	868.6
65	207.2	769.4	209.4	782.6
72	176.4	698.9	178.6	701.1
79	154.3	630.5	154.3	632.7
85	134.5	573.2	136.7	575.4
92	116.8	526.9	119.0	526.9
SFVL	98	103.6	485.0	105.8 487.2
	111	81.6	416.7	83.8 418.9
	124	63.9	352.7	66.1 359.4
	138	50.7	302.0	50.7 306.4
	151	39.7	253.5	39.7 255.7
	164	30.9	207.2	- -
	177	-	-	- -
	190	-	-	- -
	203	-	-	- -
	216	-	-	- -
	230	-	-	- -
	243	-	-	- -

177.2 ft Main boom				
Radius	Fly jib 39.4 ft			
	13°		20°	
	0	 716.5	0	 716.5
1,000 lb				
ft				
39	-	-	-	-
46	366.0	853.2	372.6	813.5
52	293.2	848.8	297.6	813.5
59	240.3	844.4	244.7	806.9
65	200.6	771.6	205.0	773.8
72	172.0	690.0	174.2	692.3
79	147.7	621.7	149.9	623.9
85	127.9	566.6	130.1	568.8
92	110.2	518.1	112.4	520.3
SFVL	98	97.0	476.2	99.2 478.4
	111	75.0	407.9	75.0 410.1
	124	57.3	354.9	57.3 357.1
	138	41.9	310.9	44.1 313.1
	151	30.9	275.6	33.1 275.6
	164	22.0	244.7	22.0 242.5
	177	15.4	211.6	15.4 213.8
	190	-	178.6	- 180.8
	203	-	-	- -
	216	-	-	- -
	230	-	-	- -
	243	-	-	- -

157.5 ft Main boom				
1,000 lb				
ft				
39	478.4	948.0	-	-
46	368.2	943.6	372.6	908.3
52	295.4	919.3	299.8	884.1
59	242.5	877.4	246.9	859.8
65	205.0	776.0	207.2	778.2
72	174.2	694.5	176.4	696.7
79	149.9	626.1	152.1	628.3
85	130.1	568.8	132.3	571.0
92	114.6	522.5	116.8	522.5
SFVL	98	101.4	480.6	101.4 482.8
	111	77.2	412.3	79.4 414.5
	124	59.5	359.4	61.7 359.4
	138	46.3	315.3	46.3 310.9
	151	35.3	273.4	35.3 266.8
	164	26.5	231.5	26.5 233.7
	177	19.8	194.0	- -
	190	-	-	- -
	203	-	-	- -
	216	-	-	- -
	230	-	-	- -
	243	-	-	- -

196.9 ft Main boom				
1,000 lb				
ft				
39	-	-	-	-
46	363.8	771.6	-	-
52	291.0	767.2	295.4	736.3
59	238.1	762.8	242.5	725.3
65	198.4	751.8	202.8	714.3
72	167.6	685.6	172.0	683.4
79	143.3	617.3	145.5	619.5
85	123.5	560.0	125.7	564.4
92	108.0	513.7	110.2	515.9
SFVL	98	92.6	471.8	94.8 474.0
	111	70.5	403.4	70.5 405.7
	124	50.7	350.5	52.9 352.7
	138	37.5	306.4	39.7 308.6
	151	26.5	271.2	26.5 271.2
	164	17.6	242.5	17.6 242.5
	177	-	213.8	11.0 218.3
	190	-	187.4	- 191.8
	203	-	163.1	- 163.1
	216	-	136.7	- -
	230	-	-	- -
	243	-	-	- -

Remarks

Superlift mast 98.4 ft

MAIN MENUE

CONTENTS


353,000 lb  **27.6 ft** **SL-Radius 49.2 ft** **360°** **DIN/ISO**
216.5 ft Main boom

Radius		Fly jib 39.4 ft			
		13°		20°	
		0	716.5	0	716.5
ft		1,000 lb			
39		-	-	-	-
46		361.6	654.8	-	-
52		288.8	650.4	293.2	626.1
59		235.9	646.0	240.3	621.7
65		196.2	641.5	200.6	617.3
72		165.3	621.7	169.8	610.7
79		141.1	595.2	143.3	588.6
85		121.3	557.8	123.5	560.0
92		105.8	509.3	108.0	511.5
SFVL	98	90.4	467.4	92.6	469.6
	111	66.1	401.2	68.3	401.2
	124	48.5	348.3	50.7	348.3
	138	35.3	304.2	35.3	306.4
	151	22.0	269.0	24.3	269.0
	164	13.2	238.1	15.4	240.3
	177	-	213.8	-	213.8
	190	-	191.8	-	194.0
	203	-	169.8	-	172.0
	216	-	147.7	-	147.7
	230	-	125.7	-	-
	243	-	-	-	-
	256	-	-	-	-
	269	-	-	-	-

255.9 ft Main boom

Radius		Fly jib 39.4 ft			
		13°		20°	
		0	716.5	0	716.5
ft		1,000 lb			
52		284.4	482.8	-	-
59		231.5	478.4	235.9	465.2
65		191.8	474.0	194.0	460.8
72		160.9	469.6	163.1	456.4
79		134.5	465.2	138.9	451.9
85		114.6	458.6	119.0	447.5
92		97.0	451.9	101.4	440.9
98		83.8	445.3	86.0	434.3
111		59.5	392.4	61.7	394.6
SFVL	124	39.7	339.5	41.9	341.7
	138	26.5	295.4	28.7	297.6
	151	15.4	260.1	15.4	262.4
	164	-	231.5	-	231.5
	177	-	207.2	-	207.2
	190	-	185.2	-	185.2
	203	-	167.6	-	167.6
	216	-	149.9	-	152.1
	230	-	132.3	-	134.5
	243	-	114.6	-	116.8
	256	-	99.2	-	99.2
	269	-	83.8	-	-
	282	-	-	-	-
	295	-	-	-	-

236.2 ft Main boom

ft		1,000 lb			
39		-	-	-	-
46		-	-	-	-
52		286.6	571.0	291.0	555.6
59		233.7	568.8	238.1	551.2
65		194.0	566.6	196.2	549.0
72		163.1	560.0	165.3	544.5
79		138.9	542.3	141.1	533.5
85		119.0	526.9	121.3	518.1
92		101.4	504.9	103.6	504.9
SFVL	98	86.0	463.0	88.2	465.2
	111	61.7	394.6	63.9	396.8
	124	44.1	341.7	46.3	343.9
	138	28.7	299.8	30.9	302.0
	151	17.6	264.6	19.8	264.6
	164	-	233.7	-	235.9
	177	-	209.4	-	209.4
	190	-	189.6	-	189.6
	203	-	169.8	-	172.0
	216	-	149.9	-	152.1
	230	-	130.1	-	132.3
	243	-	110.2	-	-
	256	-	-	-	-
	269	-	-	-	-

275.6 ft Main boom

ft		1,000 lb			
52		282.2	427.7	-	-
59		227.1	423.3	233.7	412.3
65		187.4	418.9	191.8	407.9
72		156.5	416.7	160.9	403.4
79		132.3	410.1	136.7	401.2
85		112.4	403.4	114.6	394.6
92		94.8	394.6	97.0	388.0
98		79.4	388.0	81.6	379.2
111		55.1	363.8	57.3	361.6
SFVL	124	35.3	328.5	37.5	328.5
	138	22.0	291.0	24.3	293.2
	151	11.0	255.7	11.0	257.9
	164	-	227.1	-	229.3
	177	-	202.8	-	202.8
	190	-	180.8	-	183.0
	203	-	163.1	-	163.1
	216	-	147.7	-	147.7
	230	-	130.1	-	130.1
	243	-	114.6	-	114.6
	256	-	99.2	-	99.2
	269	-	86.0	-	86.0
	282	-	70.5	-	-
	295	-	-	-	-

Remarks

Superlift mast 98.4 ft

[MAIN MENUE](#)[CONTENTS](#)

**SFVL**



Key



	Track
	Counterweight
	Superlift counterweight
	Counterweight carrier
	
S:	Heavy
L:	Light
H:	Main boom
W:	Luffing fly jib
F:	Fixed fly jib
SL:	Superlift
SGL:	Heavy base length



Technical description

Crawler carrier

	3-section carrier comprising of carbody and two crawlers. Hydraulic pin connections between crawlers and carbody provide for easy assembly and removal to minimise width and weight for transportation.
Carbody:	Bending- and torsion-resistant welded structure of box type construction, fabricated of high-strength fine-grain structural steel.
Crawlers:	Side frames: bending-resistant welded structure of high-strength fine-grain structural steel. Track shoes, 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.
Power train:	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.

Superstructure

Counterweight:	353,000 lb.
Frame:	Torsion-resistant welded structure fabricated of high-strength fine-grain structural steel. Connected to carrier by triple-row roller bearing slew ring.
Drive:	DaimlerChrysler diesel engine type OM 502 LA, 390 kW (530 hp) at 2000 1/min, torque 2400 Nm at 1080 1/min. The engine complies with EUROMOT, EPA and EURO II regulations as an option. Pump distribution gearbox with five variable displacement axial piston pumps, and gear pumps.
Rope drums:	The standard superstructure equipment includes three rope drums – hoist 1, hoist 2 and boom hoist. The drums are powered by hydraulic motors through closed planetary gear units running in oil bath. All rope drums have spring-applied, hydraulically released multi-disk brakes and non-wearing hydraulic braking for load lowering. Rope ends H 1, 2, 3 and W 1, 2 equipped with quick-connect rope end fittings. Hoists H 1 + 2 are removable to minimise weight for transportation.
Slew unit:	Powered by hydraulic motor through closed, planetary gear unit running in oil bath. Spring-applied, hydraulically released holding brake and non-wearing hydraulic braking.
Control:	Electronic proportional valve pilot-control integrated into stored-program control system with fault diagnosis. Automatic power control giving optimal utilisation of engine output.
Cabin:	Comfortable cab with large windscreen. Safety-glazing all around, roof window, self-contained hot air heater, full instrumentation and crane controls. The cab can be tilted back for improved operator view of boom point. A camera system is installed to monitor the rope drums. For transportation, the cab swings in front of the superstructure to minimise width.
Electrical equipment:	24 V d. c. system.

Optional equipment

Counterweight:	44,000 lb on the superstructure (only in conjunction with central ballast).
Central ballast:	132,000 lb.
Hydraulic raising system for A-frame	
Assembly jacks:	Four hydraulic jacking cylinders on carbody (folding within 9.8 ft width) for easy assembly of crawlers.
Counterweight carrier:	Drive 4 x 4, total weight max. 717,000 lb.
Quick-connection:	Hydraulic quick-disconnect fittings on carrier and superstructure facilitate removal to minimise weight for transportation.
Airconditioner	
Track shoes:	6.6 ft.



Boom configurations S and L

SH:	Main boom: foot section 34.4 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 1.323,000 lb 4.9 ft. Main boom lengths: 78.7 – 275.6 ft.
SH/LH:	Main boom: same as SH 196.9 ft, extended by type 2421 from the fly jib and by top section 24.6 ft. Main boom lengths: 216.5 – 334.6 ft.
SW:	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.
SSL:	Main boom: same as SH. Mast 98.4 ft, radius 49.2 ft (other radii on request), Superlift counterweight 0-662,000 lb (at 110,300 lb increments). Main boom lengths: 118.1 – 275.6 ft.
SSL/LSL:	Main boom: same as SH 275.6 ft, extended by type 2421 from the fly jib and by top section 24.6 ft. Mast 98.4 ft, radius 49.2 ft (other radii on request), Superlift counterweight 0-662,000 lb (at 110,300 lb increments). Main boom lengths: 295.3 – 452.8 ft.
SWSL: (SFSL)	Main boom: same as SH. Fly jib: same as SW. Mast 98.4 ft, radius 49.2 ft (other radii on request), Superlift counterweight 0-662,000 lb (at 110,300 lb increments). Main boom lengths: 118.1 – 275.6 ft. Fly jib lengths: 78.7 – 275.6 ft.
LF:	Main boom: same as SH, SH/LH. Fly jib: foot section 19.7 ft, inserts 39.4 ft (type 1813), top section 19.7 ft. Main boom lengths: 98.4 – 315.0 ft. Fly jib lengths: 39.4, 78.7, 118.1 ft.
LFSL:	same as LF, but in conjunction with SL-attachment. Main boom lengths: 118.1 – 452.8 ft. Fly jib lengths: 39.4, 78.7, 118.1 ft.
SFVL:	Main boom: same as SH, lengths 137.8 – 275.6 ft, without sheave assembly Fly jib: foot section 14.8 ft, inserts 19.7 ft; heavy-duty head 4.9 ft Sheave assembly 1.323,000 lb same as SH.
Safety devices:	Electronic safe load indicator, hoist limit switch, limit switches for boom movements, hydraulic boom backstops, anemometer.
Ancillary equipment	
Hoist H3:	Additional rope drum on main boom (for LF or runner operation). Line pull same as H1, rope length 2,133 ft.
Reeving winch:	mounted on superstructure
Runner:	approx. 6.6 ft for installation on boom head or top section (not in conjunction with LF).