



DEMAG CC2800-1 | Crawler Crane 660 ton Lifting Capacity



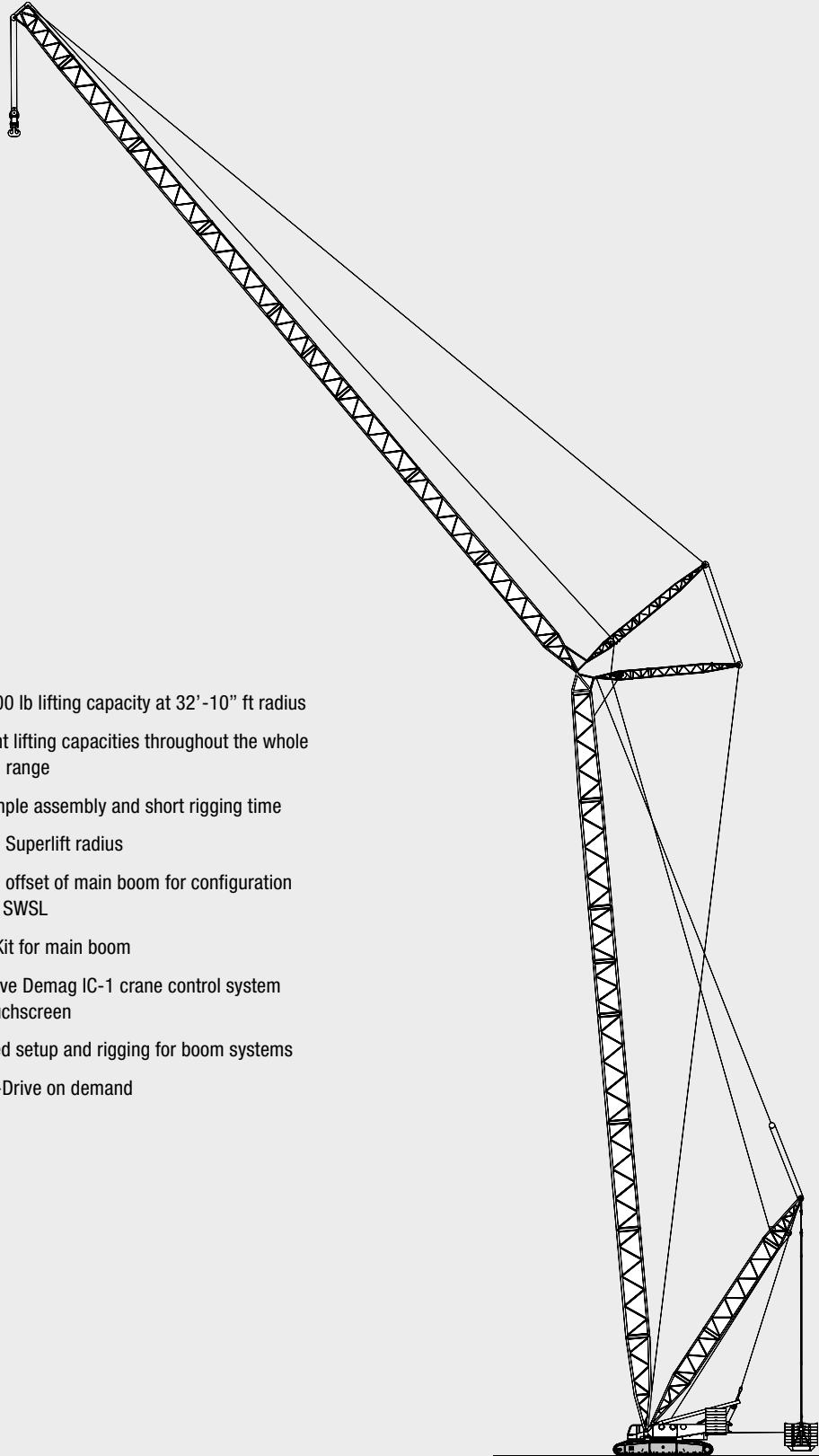
DEMAG CC2800-1
CRAWLER CRANE



DEMAG CC2800-1

HIGHLIGHTS

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





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SPECIFICATIONS

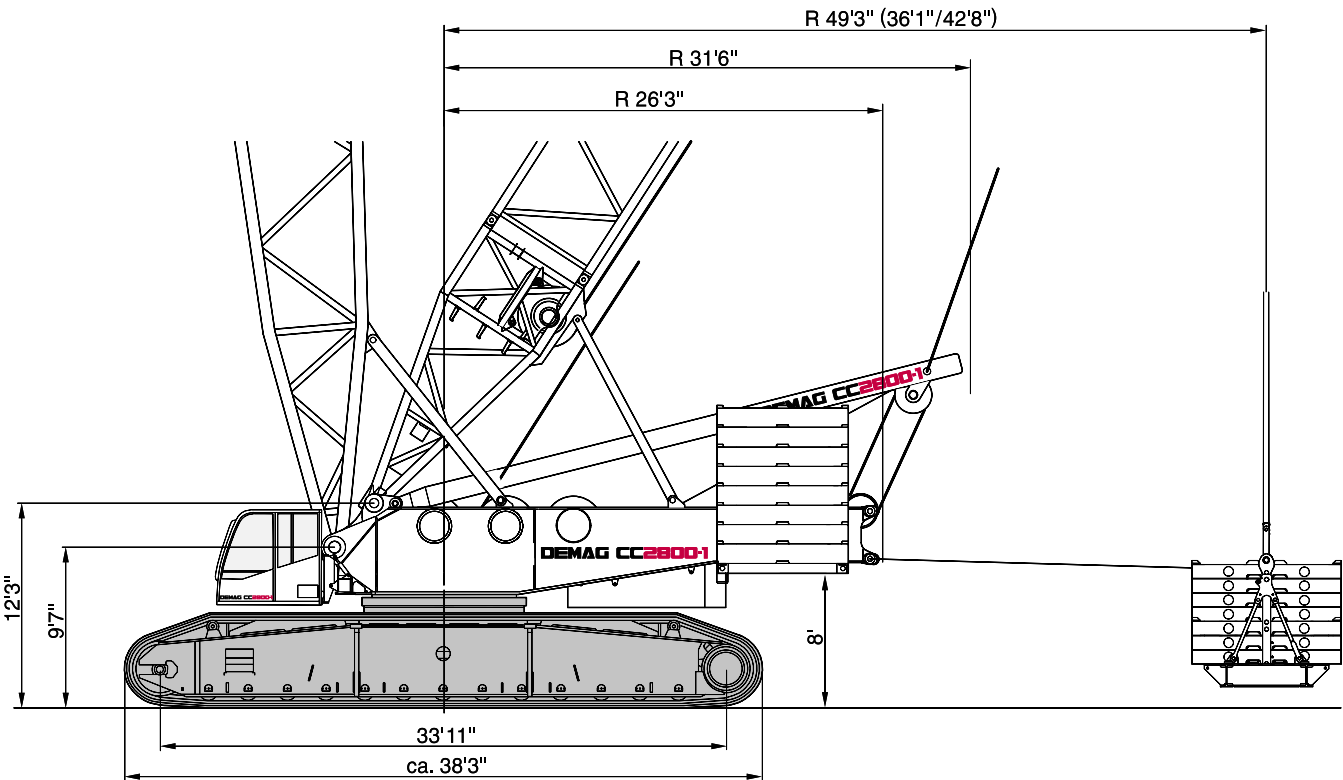
WORKING SPEEDS (INFINITELY VARIABLE)

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

- 1) top layer
2) without / with reeving effect considered

BASIC CRANE DIMENSIONS

Basic crane dimensions with standard Superlift attachment





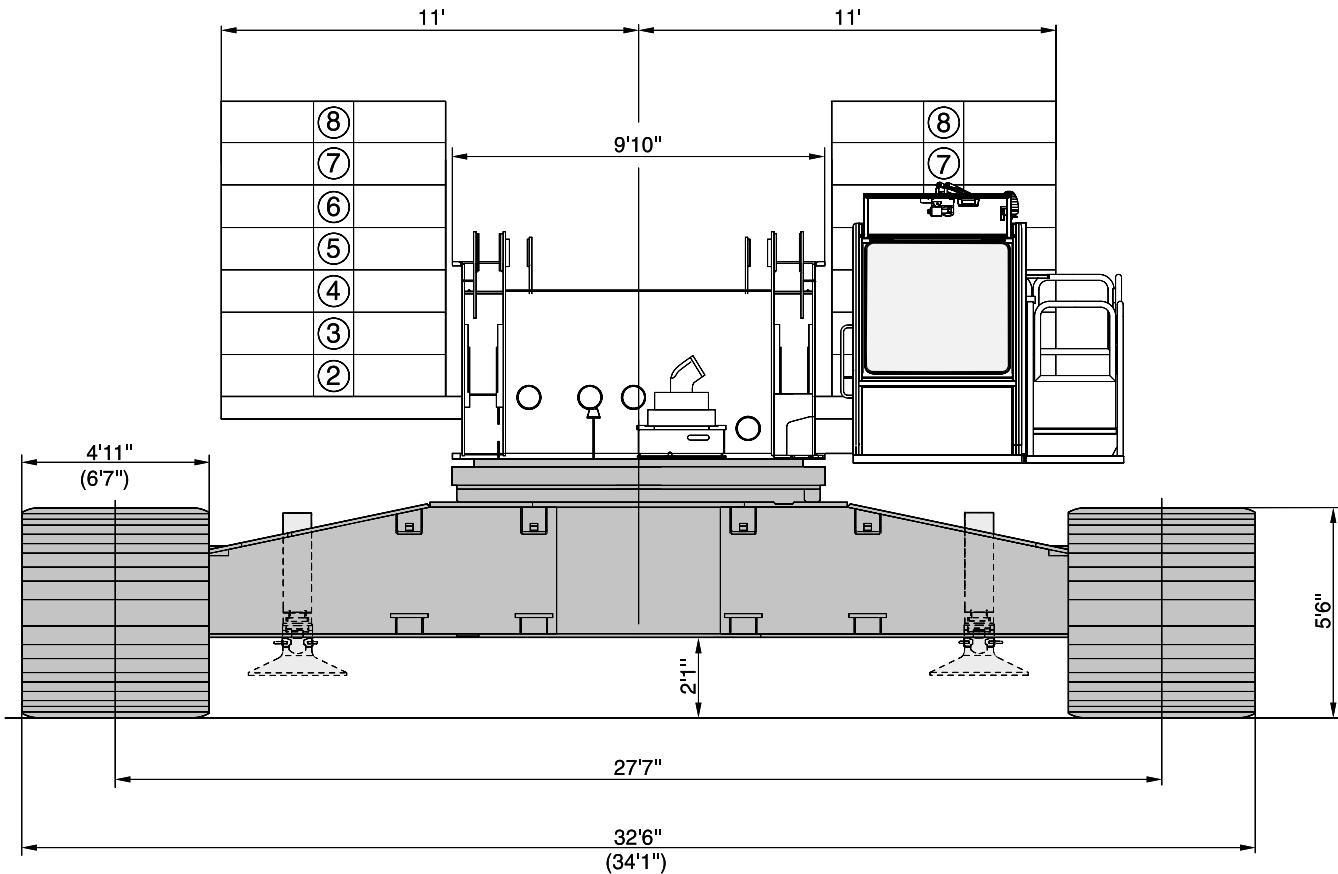
SPECIFICATIONS

CARRIER PERFORMANCE WITH STANDARD DRIVE

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

HOOK BLOCKS

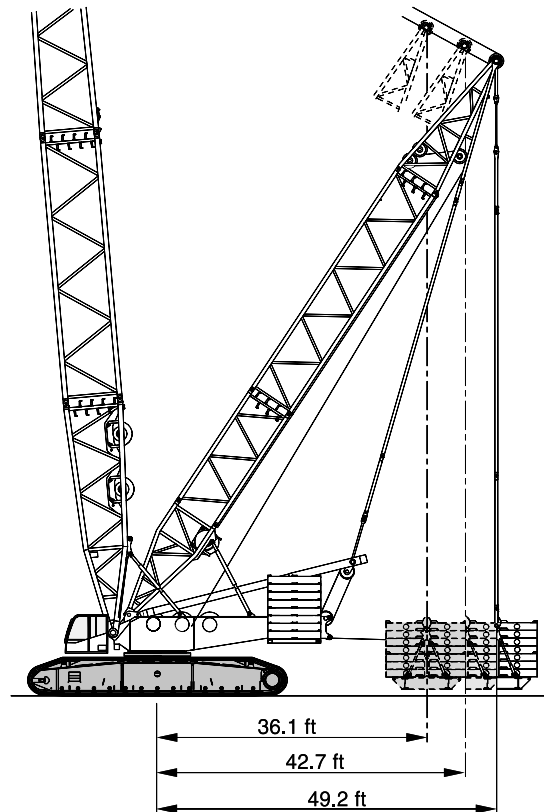
Type	Possible load	Number of sheaves	Number of lines	Weight	„D“
2 x 300	1323,000 lb 545,000 lb	2 x 11 11	2 x 22 17	22,900 lb – 26,500 lb 15,700 lb – 17,400 lb	16'-5" 17'-9"
2 x 200	882,000 lb 432,000 lb	2 x 7 7	2 x 14 13	18,100 lb – 22,100 lb 11,700 lb – 13,700 lb	16'-5" 17'-9"
160	353,000 lb	5	11	7,280 lb – 10,600 lb	14'-1½"
110	243,000 lb	3	7	4,190 lb – 7,940 lb	14'-1½"
50	110,000 lb	1	3	6,170 lb	13'-1½"
16	35,300 lb	—	1	2,000 lb	9'-10½"



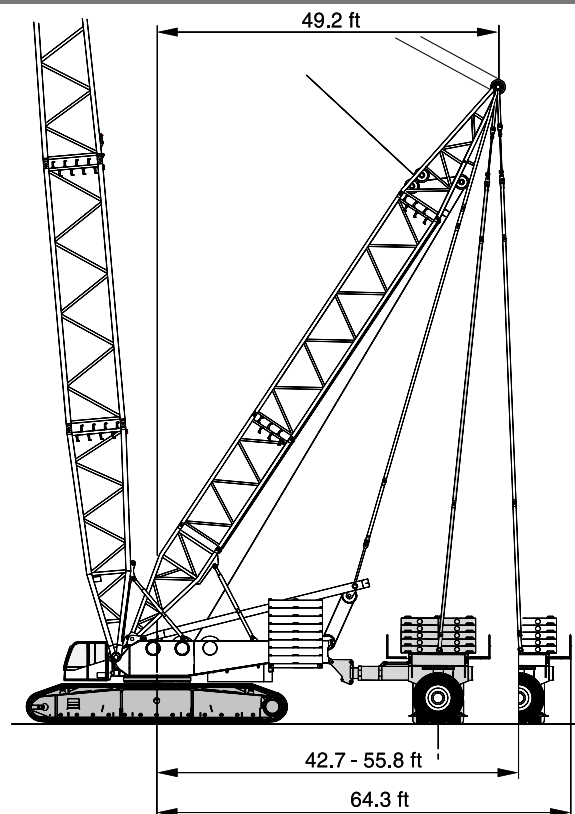
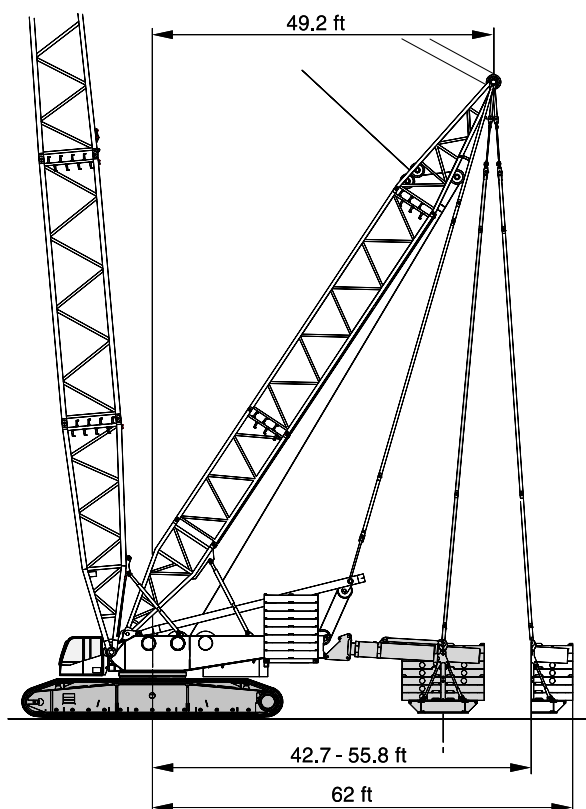


SUPERLIFT CONFIGURATIONS

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



TELE-SL → 42.7 ft - 55.8 ft

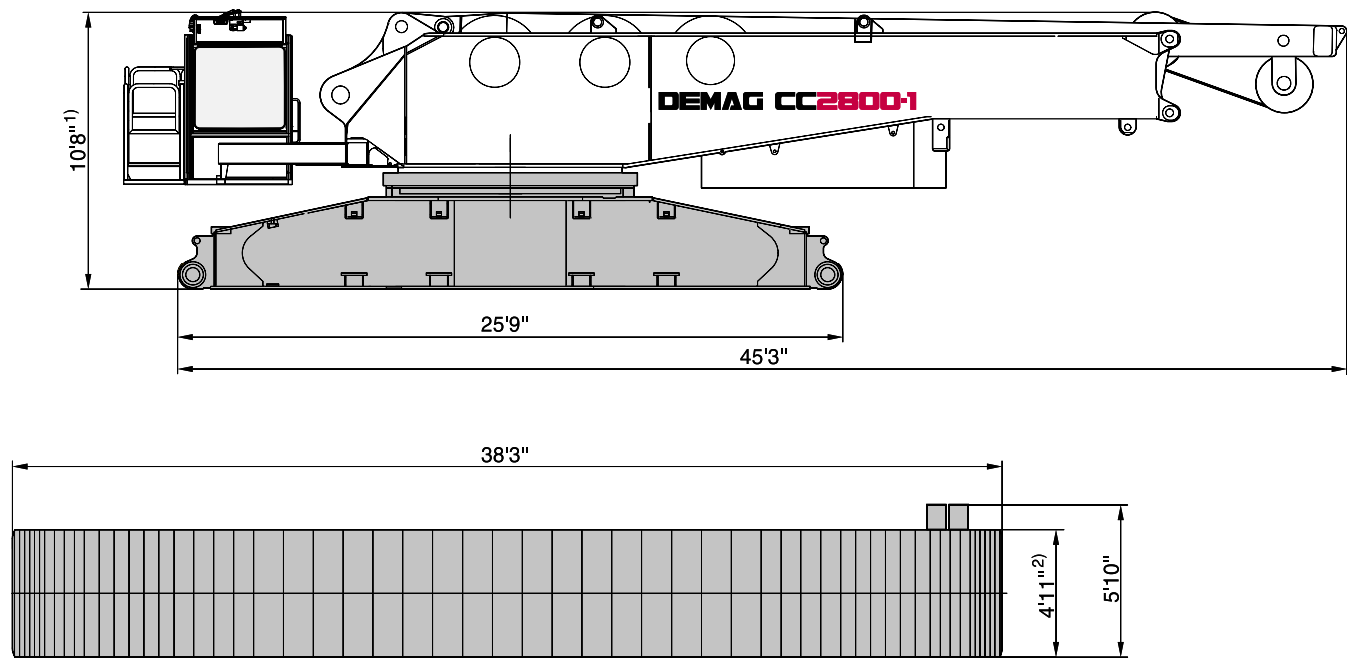




DEMAG CC2800-1

CRAWLER CRANE

SPECIFICATIONS	
WEIGHTS	
Total weight incl. counterweight 353,000 lb, 78.7 ft SH boom and hook block	794,000 lb
Superstructure (with three drums, A-frame, reeving drum and boom backstops)	121,000 lb
Superstructure (without drums H1/H2, reeving winch, boom backstops and A-frame) incl. part of quick-connection	81,100 lb
Carbody / Carbody with assembly jacks	57,300 lb / 61,700 lb
Crawlers with standard drive (option: quadro drive)	2 x 97,000 lb (2 x 106,000 lb)
Counterweight	353,000 lb
GROUND PRESSURE	
Ground pressure, based on 794,000 lb total weight	20.3 lb / inch

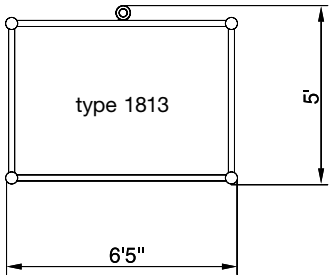
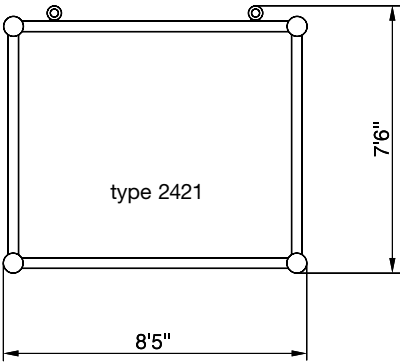
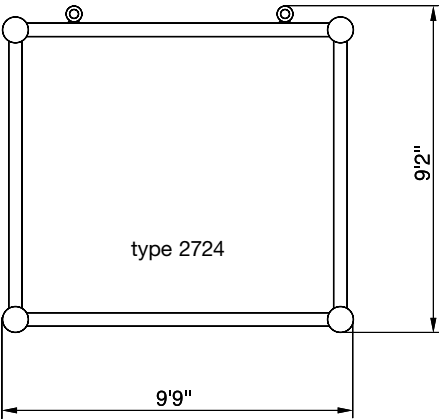
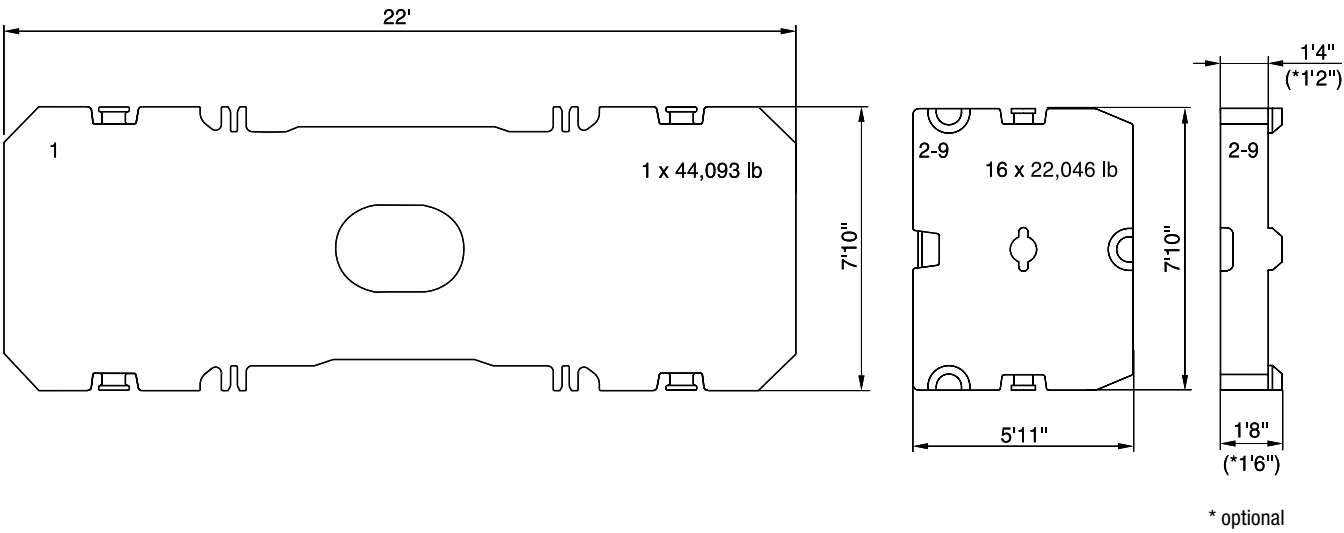
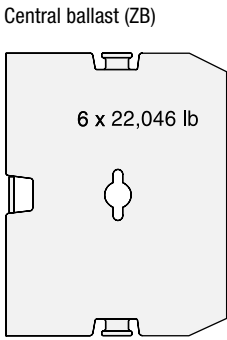
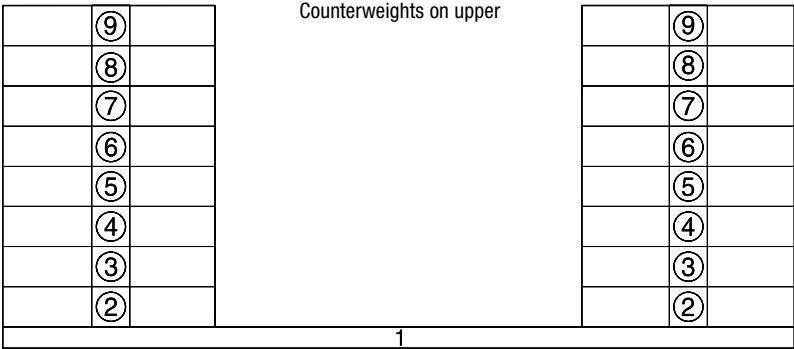


1) With quick-connection 11'-4½"

2) optional 6'-7"



SPECIFICATIONS





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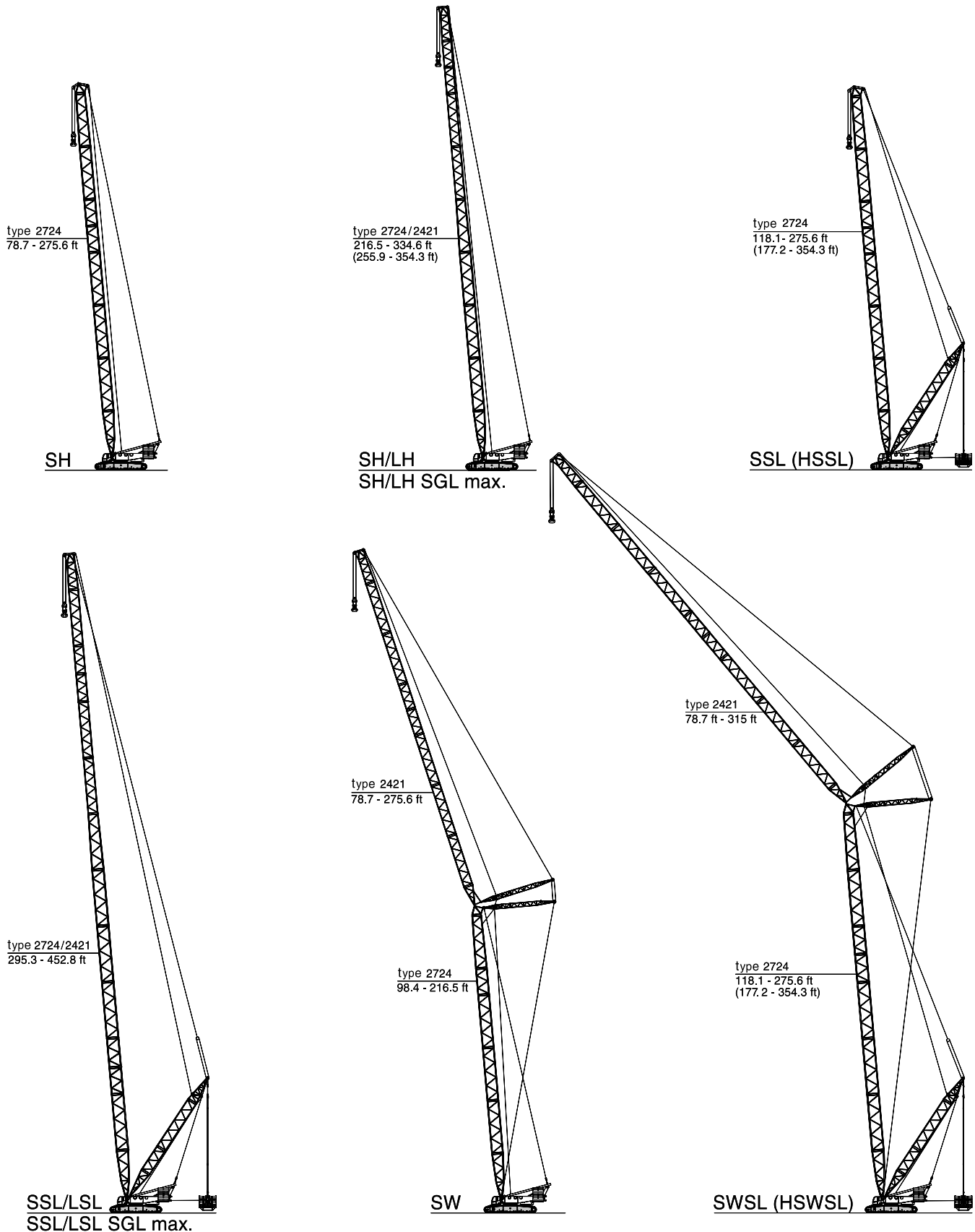
CRAWLER CRANE

KEY

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



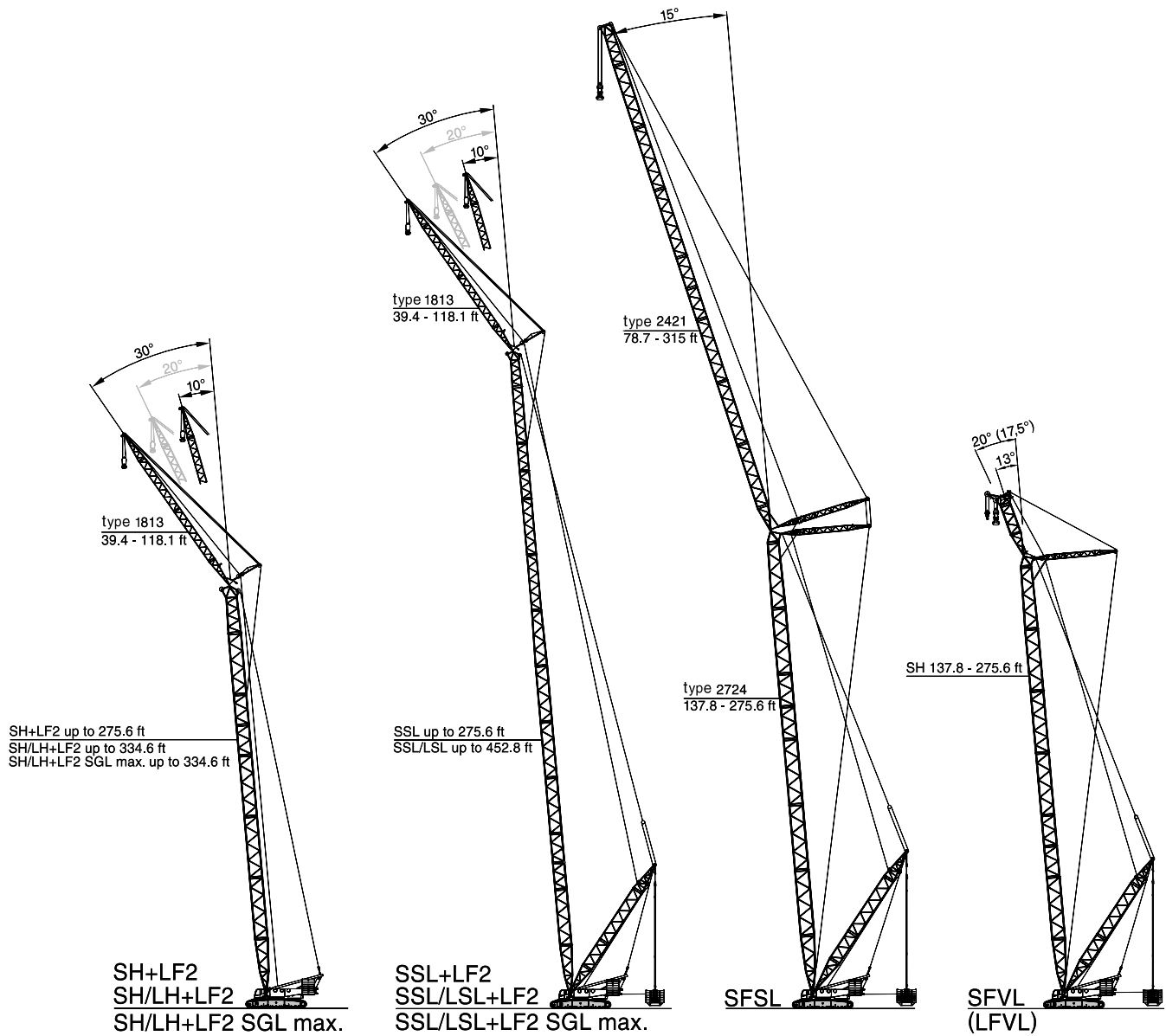
BOOM COMBINATIONS





DEMAG CC2800-1
CRAWLER CRANE

BOOM COMBINATIONS



Special combinations available on request!

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

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

**ERECTION / LOWERING OF THE CC 2800-1 BOOM SYSTEMS TO THE GROUND**
 352,700 lb – 396,800 lb ZB 0-132,300 lb  36.1 ft – 49.2 ft

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

Remarks

X without assisting equipment

(X) idler wheel supported

[X] with additional side jack

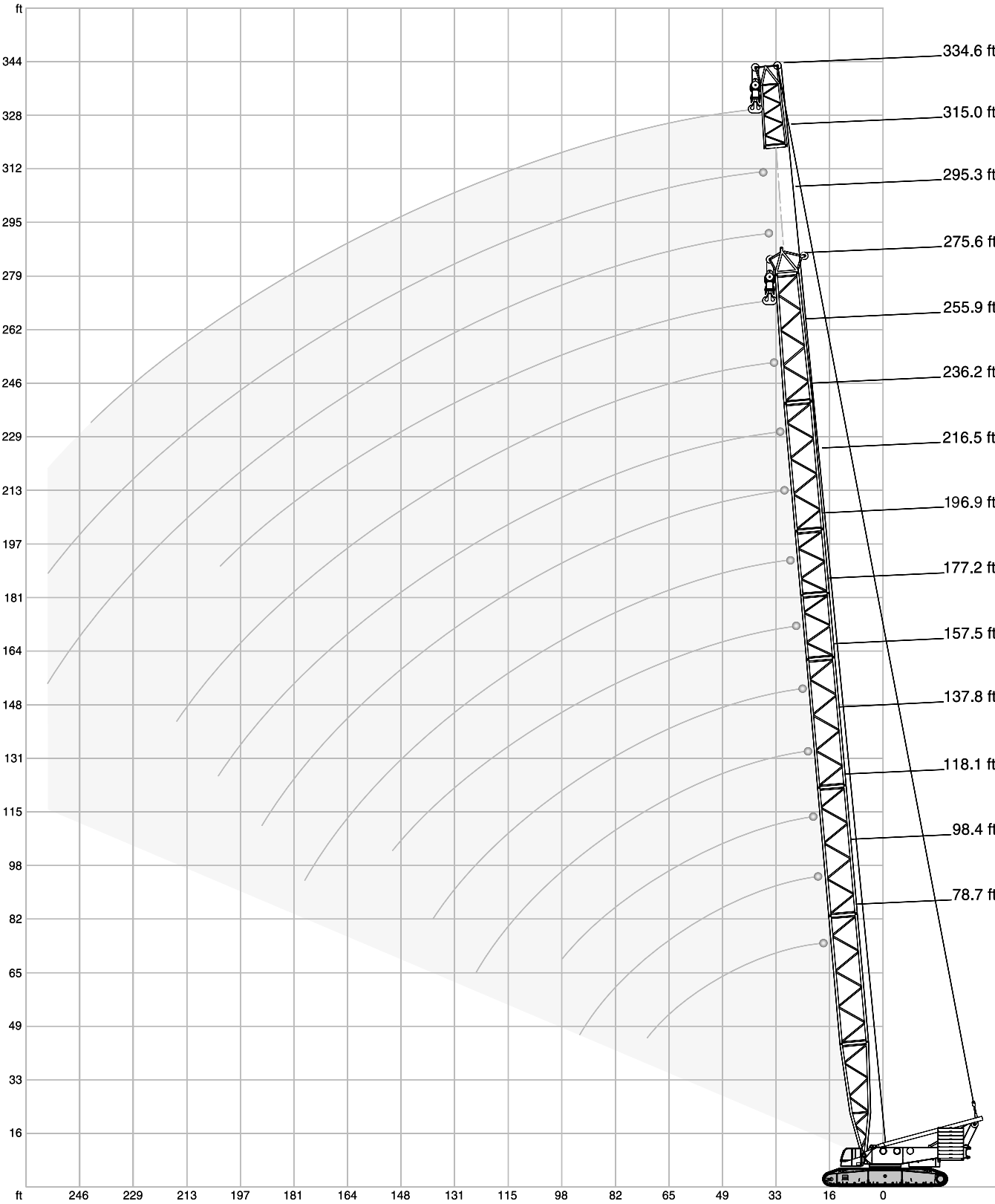
Values for LF with 10° jib offset; values may differ for other offsets

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



DEMAG CC2800-1
CRAWLER CRANE

SH, SH/LH WORKING RANGES



**SH LIFTING CAPACITIES**

 396,800 lb + 132,300 lb ZB		 27.6 ft		360°								DIN/ISO	
		78.7 ft	98.4 ft	118.1 ft	137.8 ft	157.5 ft	177.2 ft	196.9 ft	216.5 ft	236.2 ft	255.9 ft	275.6 ft	
ft		1,000 lb											ft
19.7		1322.8	-	-	-	-	-	-	-	-	-	-	19.7
23.0		1236.8	1221.4	1250.0	-	-	-	-	-	-	-	-	23.0
26.2		1115.5	1106.7	1100.1	1093.5	1089.1	-	-	-	-	-	-	26.2
29.5		903.9	899.5	897.3	895.1	892.9	890.7	890.7	-	-	-	-	29.5
32.8		743.0	738.5	736.3	731.9	729.7	727.5	727.5	725.3	663.6	-	-	32.8
39.4		544.5	540.1	535.7	531.3	529.1	526.9	526.9	524.7	522.5	520.3	467.4	39.4
45.9		425.5	421.1	418.9	414.5	410.1	407.9	407.9	405.7	403.4	401.2	399.0	45.9
52.5		348.3	343.9	339.5	335.1	332.9	330.7	328.5	326.3	324.1	324.1	319.7	52.5
59.1		293.2	288.8	284.4	280.0	277.8	275.6	273.4	271.2	269.0	266.8	264.6	59.1
65.6		253.5	249.1	244.7	240.3	235.9	233.7	231.5	229.3	227.1	224.9	222.7	65.6
72.2		222.7	217.2	212.7	208.3	205.0	201.7	199.5	197.3	195.1	194.0	189.6	72.2
78.7		-	192.9	187.4	183.0	179.7	176.4	174.2	172.0	169.8	167.6	164.2	78.7
85.3		-	172.0	167.6	162.0	158.7	155.4	153.2	151.0	148.8	146.6	143.3	85.3
91.9		-	155.4	149.9	145.5	141.1	138.9	135.6	133.4	131.2	129.0	125.7	91.9
98.4		-	-	136.7	131.2	126.8	124.6	121.3	119.0	116.8	114.6	110.2	98.4
111.5		-	-	-	109.1	104.7	101.6	98.8	96.1	93.5	90.8	86.2	111.5
124.7		-	-	-	92.8	88.0	84.4	80.9	77.6	74.5	71.9	67.2	124.7
137.8		-	-	-	-	75.2	70.3	66.6	63.3	60.0	57.1	52.5	137.8
150.9		-	-	-	-	-	59.5	55.3	51.6	48.3	45.4	40.6	150.9
164.0		-	-	-	-	-	-	46.3	42.5	38.8	35.7	30.9	164.0
177.2		-	-	-	-	-	-	39.2	35.1	31.1	27.8	22.9	177.2
190.3		-	-	-	-	-	-	-	29.1	24.7	21.4	16.3	190.3
203.4		-	-	-	-	-	-	-	-	19.6	15.9	-	203.4
216.5		-	-	-	-	-	-	-	-	-	11.5	-	216.5
229.7		-	-	-	-	-	-	-	-	-	-	-	229.7

 352,700 lb		 27.6 ft		360°								DIN/ISO	
		78.7 ft	98.4 ft	118.1 ft	137.8 ft	157.5 ft	177.2 ft	196.9 ft	216.5 ft	236.2 ft	255.9 ft	275.6 ft	
ft		1,000 lb											ft
23.0		934.8	1029.6	1119.9	-	-		-	-	-	-	-	23.0
26.2		892.9	950.2	948.0	943.6	943.6	-	-	-	-	-	-	26.2
29.5		747.4	743.0	740.8	738.5	736.3	734.1	734.1	-	-	-	-	29.5
32.8		612.9	608.5	606.3	601.9	599.7	597.5	597.5	595.2	590.8	-	-	32.8
39.4		447.5	443.1	438.7	436.5	432.1	432.1	429.9	427.7	425.5	425.5	421.1	39.4
45.9		350.5	346.1	341.7	337.3	335.1	332.9	330.7	328.5	326.3	326.3	321.9	45.9
52.5		284.4	280.0	275.6	273.4	269.0	266.8	264.6	262.4	260.1	260.1	255.7	52.5
59.1		240.3	235.9	231.5	227.1	222.7	220.5	219.4	217.2	215.0	212.7	209.4	59.1
65.6		206.1	201.7	197.3	192.9	189.6	186.3	184.1	181.9	180.8	178.6	175.3	65.6
72.2		180.8	175.3	170.9	166.4	162.0	159.8	157.6	155.4	153.2	151.0	147.7	72.2
78.7		-	154.3	149.9	144.4	141.1	138.9	136.7	134.5	132.3	130.1	125.7	78.7
85.3		-	137.8	132.3	127.9	124.6	121.3	119.0	116.8	114.6	112.4	108.9	85.3
91.9		-	124.6	119.0	113.5	110.2	107.4	104.9	102.5	100.3	97.9	93.5	91.9
98.4		-	-	107.6	102.3	98.3	95.5	92.8	89.9	87.3	84.9	80.2	98.4
111.5		-	-	-	84.0	79.6	75.8	72.5	69.4	66.6	63.9	59.5	111.5
124.7		-	-	-	70.5	65.0	60.8	57.1	54.0	50.9	48.3	43.7	124.7
137.8		-	-	-	-	54.0	49.4	45.4	42.1	38.8	35.9	31.3	137.8
150.9		-	-	-	-	-	40.6	36.2	32.6	29.1	26.2	21.4	150.9
164.0		-	-	-	-	-	-	28.9	24.9	21.4	18.3	13.4	164.0
177.2		-	-	-	-	-	-	23.4	19.0	15.0	11.7	-	177.2
190.3		-	-	-	-	-	-	-	14.3	-	-	-	190.3

**DEMAG CC2800-1**
CRAWLER CRANE**SH/LH LIFTING CAPACITIES**

 27.6 ft				360°								DIN/ISO		
		216.5 ft			236.2 ft			255.9 ft			275.6 ft			
		SH/LH		SH/LH SGLmax.	SH/LH		SH/LH SGLmax.	SH/LH		SH/LH SGLmax.	SH/LH		SH/LH SGLmax.	
			352.7 klb	396.8 klb + 132.3 klb	352.7 klb	396.8 klb + 132.3 klb	352.7 klb	396.8 klb + 132.3 klb	352.7 klb	396.8 klb + 132.3 klb				
ft				1,000 lb										
29.5		657.0	657.0	-	-	-	-	-	-	-	-	-	-	
32.8		608.5	657.0	-	549.0	549.0	-	445.3	445.3	489.4	-	-	-	
36.1		524.7	597.5	-	494.9	543.4	-	443.1	445.3	479.5	-	-	474.0	
39.4		440.9	537.9	-	440.9	537.9	-	440.9	445.3	469.6	372.6	372.6	454.2	
45.9		341.7	418.9	-	341.7	418.9	-	341.7	383.6	392.4	330.7	330.7	381.4	
52.5		277.8	339.5	-	275.6	339.5	-	275.6	337.3	337.3	273.4	293.2	326.3	
59.1		229.3	284.4	-	229.3	284.4	-	229.3	284.4	282.2	227.1	262.4	277.8	
65.6		196.2	242.5	-	195.1	242.5	-	195.1	242.5	240.3	192.9	235.9	235.9	
72.2		168.7	211.6	-	168.7	210.5	-	167.6	209.4	207.2	165.3	208.3	205.0	
78.7		147.7	185.2	-	146.6	185.2	-	145.5	184.1	181.9	144.4	181.9	178.6	
85.3		130.1	164.2	-	129.0	163.1	-	127.9	163.1	159.8	126.8	160.9	157.6	
91.9		115.7	146.6	-	114.6	146.6	-	113.5	145.5	143.3	111.3	143.3	140.0	
98.4		103.6	132.3	-	102.7	131.2	-	101.9	130.1	127.9	99.9	129.0	124.6	
111.5		84.0	109.1	-	83.1	108.2	-	82.2	107.4	104.7	80.0	105.4	101.9	
124.7		69.0	91.5	-	67.9	90.4	-	66.6	89.3	86.6	64.2	87.3	83.6	
137.8		56.7	77.4	-	55.3	76.3	-	54.2	75.2	72.1	51.6	72.8	68.6	
150.9		46.7	65.9	-	45.4	64.6	-	44.1	63.3	60.0	41.4	60.6	56.4	
164.0		38.8	56.2	-	37.3	54.7	-	35.9	53.4	50.0	33.3	50.7	46.5	
177.2		32.2	48.3	-	30.6	46.7	-	29.1	45.2	41.9	26.5	42.5	38.1	
190.3		26.9	41.7	-	24.9	39.9	-	23.4	38.4	34.8	20.7	35.5	31.3	
203.4		-	-	-	20.3	34.2	-	18.5	32.4	29.1	15.9	29.8	25.4	
216.5		-	-	-	-	-	-	14.6	27.6	24.0	11.7	24.7	20.3	
229.7		-	-	-	-	-	-	11.2	23.4	19.8	-	20.3	15.9	

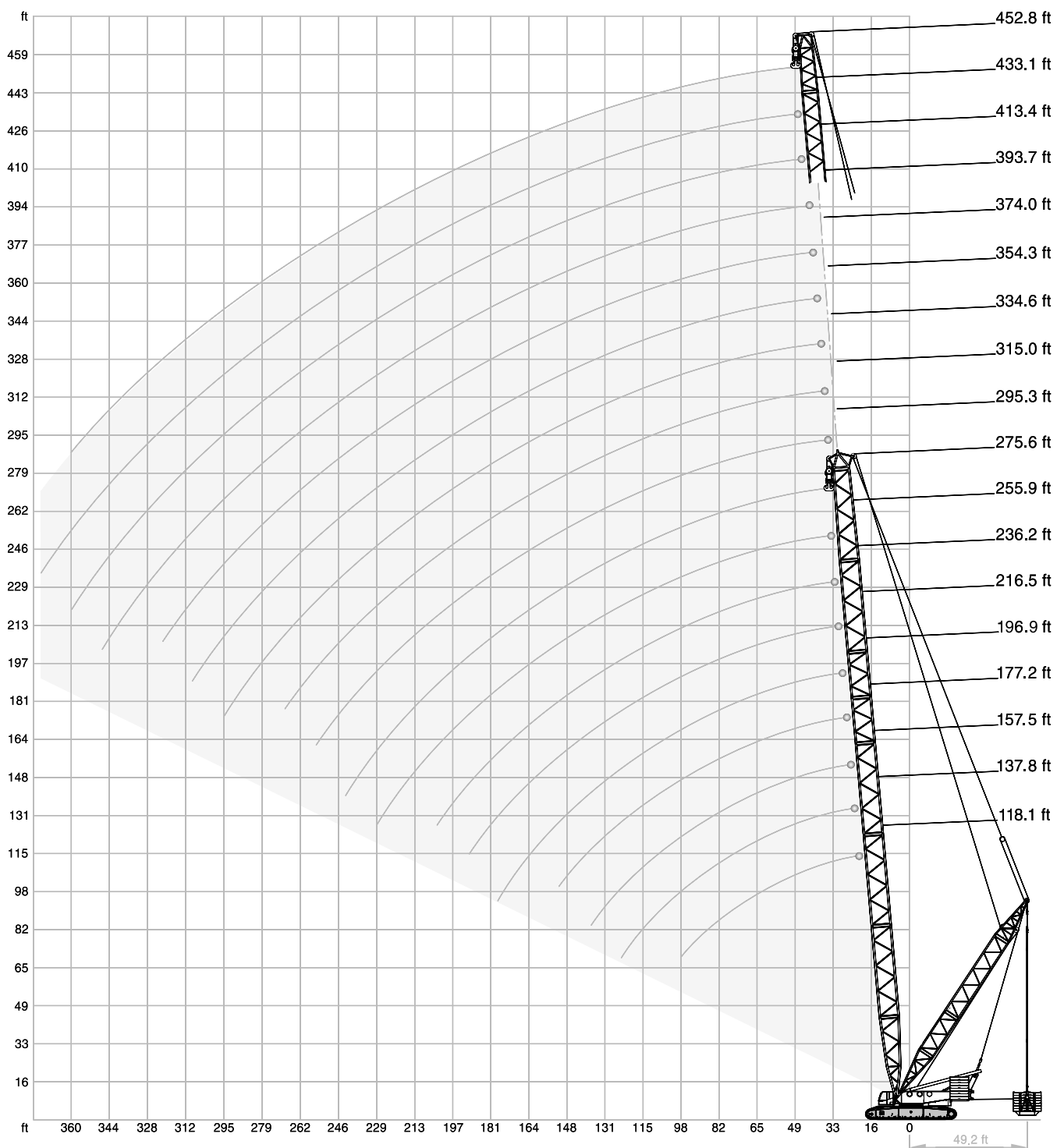
		295.3 ft			315.0 ft			334.6 ft			354.3 ft		
		SH/LH		SH/LH SGLmax.	SH/LH		SH/LH SGLmax.	SH/LH		SH/LH SGLmax.	SH/LH		SH/LH SGLmax.
			352.7 klb	396.8 klb + 132.3 klb	352.7 klb	396.8 klb + 132.3 klb	352.7 klb	396.8 klb + 132.3 klb	352.7 klb	396.8 klb + 132.3 klb	352.7 klb	396.8 klb + 132.3 klb	
ft		1,000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

Remarks

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



SSL/HSSL, SSL/LSL WORKING RANGES



**DEMAG CC2800-1**
CRAWLER CRANE**SSL/HSSL LIFTING CAPACITIES**

396,800 lb + 132,300 lb ZB					 27.6 ft					360°					DIN/ISO				
	118.1 ft				137.8 ft				157.5 ft				177.2 ft						
	SSL		HSSL		SSL		HSSL		SSL		HSSL		SSL		HSSL				
	0 lb		0 lb – 661,400 lb		0 lb		0 lb – 661,400 lb		0 lb		0 lb – 661,400 lb		0 lb		0 lb – 661,400 lb				
	36.1 – 49.2 ft		55.8 ft		36.1 – 49.2 ft		55.8 ft		36.1 – 49.2 ft		55.8 ft		36.1 – 49.2 ft		55.8 ft				
ft					1,000 lb														
23.0	1274.3	1322.8	1322.8	-	-	-	-	-	1111.1	1278.7	1278.7	-	-	-	-	-	-		
26.2	1113.3	1322.8	1322.8	-	1111.1	1307.3	1307.3	-	-	1111.1	1278.7	1278.7	-	-	-	-	-		
29.5	941.4	1322.8	1322.8	-	937.0	1307.3	1307.3	-	-	939.2	1278.7	1278.7	-	941.4	1157.4	1157.4	1157.4		
32.8	789.3	1320.6	1320.6	-	784.8	1307.3	1307.3	-	-	782.6	1278.7	1278.7	-	780.4	1157.4	1157.4	1157.4		
39.4	575.4	1285.3	1285.3	-	571.0	1265.5	1265.5	-	-	568.8	1278.7	1278.7	-	566.6	1157.4	1157.4	1157.4		
45.9	449.7	1144.2	1210.3	-	445.3	1137.6	1177.3	-	-	443.1	1133.2	1172.9	-	440.9	1128.8	1157.4	1126.6		
52.5	366.0	1000.9	1062.6	-	363.8	994.3	1056.0	-	-	359.4	989.9	1051.6	-	357.1	987.7	1047.2	983.3		
59.1	308.6	888.5	943.6	-	304.2	884.1	939.2	-	-	299.8	879.6	932.6	-	297.6	875.2	930.4	873.0		
65.6	264.6	800.3	817.9	-	260.1	793.7	842.2	-	-	255.7	789.3	837.8	-	253.5	784.8	833.3	782.6		
72.2	229.3	712.1	712.1	-	224.9	718.7	760.6	-	-	222.7	714.3	760.6	-	220.5	709.9	756.2	707.7		
78.7	203.9	626.1	626.1	-	199.5	648.2	672.4	-	-	196.2	646.0	694.5	-	192.9	646.0	690.0	643.8		
85.3	181.9	553.4	553.4	-	177.5	593.0	601.9	-	-	174.2	588.6	626.1	-	170.9	586.4	630.5	584.2		
91.9	164.2	502.7	489.4	-	159.8	540.1	540.1	-	-	155.4	537.9	564.4	-	153.2	537.9	577.6	535.7		
98.4	148.8	447.5	432.1	-	144.4	485.0	485.0	-	-	140.0	498.2	515.9	-	137.8	493.8	526.9	493.8		
111.5	-	-	-	-	120.2	396.8	392.4	-	-	115.7	425.5	427.7	-	112.4	423.3	445.3	426.2		
124.7	-	-	-	-	103.2	328.5	315.3	-	-	98.3	354.9	354.9	-	94.8	368.2	377.0	366.7		
137.8	-	-	-	-	-	-	-	-	-	84.7	302.0	293.2	-	80.5	321.9	321.9	315.3		
150.9	-	-	-	-	-	-	-	-	-	-	-	-	-	69.0	271.2	271.2	268.2		
160.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	242.5		

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

Remarks

For HSSL a boom power-kit is required

**SSL/HSSL LIFTING CAPACITIES**

396,800 lb + 132,300 lb ZB					27.6 ft		360°		DIN/ISO
	275.6 ft					295.3 ft	315.0 ft	334.6 ft	354.3 ft
	SSL		HSSL			HSSL	HSSL	HSSL	HSSL
	0 lb	0 lb – 661,400 lb				0 lb – 661,400 lb	0 lb – 661,400 lb	0 lb – 661,400 lb	0 lb – 661,400 lb
	36.1 – 49.2 ft		55.8 ft	36.1 – 49.2 ft		36.1 – 49.2 ft		36.1 – 49.2 ft	36.1 – 49.2 ft
ft						1,000 lb			
39.4	557.8	619.5	619.5	676.8	637.1	560.0	-	-	
42.7	493.8	619.5	619.5	676.8	636.0	558.9	480.6	421.1	
45.9	429.9	619.5	619.5	676.8	634.9	557.8	480.6	421.1	
52.5	346.1	619.5	619.5	676.8	632.7	551.2	474.0	416.7	
59.1	286.6	619.5	619.5	676.8	630.5	546.7	467.4	412.3	
65.6	242.5	612.9	612.9	676.8	628.3	542.3	463.0	405.7	
72.2	208.3	597.5	597.5	672.4	604.1	533.5	458.6	401.2	
78.7	180.8	584.2	584.2	626.1	582.0	520.3	447.5	394.6	
85.3	158.7	571.0	571.0	573.2	560.0	509.3	436.5	383.6	
91.9	140.0	529.1	531.3	524.7	522.5	498.2	425.5	374.8	
98.4	123.5	482.8	491.6	480.6	478.4	469.6	414.5	363.8	
111.5	98.8	410.1	423.3	411.5	410.8	404.9	382.1	343.2	
124.7	78.5	352.7	370.4	353.5	353.5	349.1	343.9	318.9	
137.8	62.6	308.6	326.3	306.4	306.4	302.0	299.8	291.0	
150.9	50.0	273.4	291.0	272.6	272.6	268.2	266.0	260.1	
164.0	39.7	244.7	262.4	243.2	242.9	238.5	236.6	232.6	
177.2	31.1	220.5	233.7	218.3	217.2	212.7	211.6	208.3	
190.3	24.0	200.6	210.5	198.4	197.3	192.5	191.4	187.4	
203.4	18.1	183.0	188.5	180.6	178.6	174.9	173.8	169.4	
216.5	13.0	167.6	168.7	163.1	163.1	158.7	157.6	153.2	
229.7	-	149.9	149.9	144.8	147.7	144.8	144.4	140.0	
242.8	-	132.3	132.3	126.8	132.3	130.8	131.5	127.9	
246.1	-	-	-	123.5	128.4	127.3	128.4	124.6	
255.9	-	-	-	-	116.8	116.8	119.0	114.6	
262.5	-	-	-	-	110.2	109.2	112.9	109.1	
269.0	-	-	-	-	-	102.8	106.7	103.6	
278.9	-	-	-	-	-	94.8	97.6	95.5	
282.2	-	-	-	-	-	-	94.7	92.8	
295.3	-	-	-	-	-	-	84.2	82.2	
298.6	-	-	-	-	-	-	82.7	79.6	
308.4	-	-	-	-	-	-	-	72.8	
315.0	-	-	-	-	-	-	-	69.7	
334.6	-	-	-	-	-	-	-	-	

Remarks

For HSSL a boom power-kit is required

**DEMAG CC2800-1**
CRAWLER CRANE**SSL/LSL LIFTING CAPACITIES**

396,800 lb + 132,300 lb ZB				36.1 – 49.2 ft		27.6 ft		360°		DIN/ISO
ft	SSL/LSL	295.3 ft		SSL/LSL SGLmax.	315.0 ft		SSL/LSL SGLmax.	334.6 ft		SSL/LSL SGLmax.
		0 lb	0 lb – 661,400 lb		0 lb	0 lb – 661,400 lb		0 lb	0 lb – 661,400 lb	
ft					1,000 lb					
39.4	526.9	546.7	551.2	456.4	474.0	496.0	-	-	-	-
45.9	445.3	546.7	551.2	445.3	471.8	491.6	381.4	399.0	447.5	447.5
52.5	359.4	546.7	551.2	359.4	469.6	485.0	359.4	394.6	438.7	438.7
59.1	299.8	546.7	551.2	299.8	467.4	478.4	299.8	392.4	432.1	432.1
65.6	255.7	542.3	549.0	255.7	465.2	474.0	253.5	388.0	425.5	425.5
72.2	220.5	531.3	531.3	220.5	460.8	463.0	219.4	383.6	418.9	418.9
78.7	194.0	518.1	520.3	192.9	451.9	451.9	191.8	379.2	407.9	407.9
85.3	170.9	507.1	507.1	169.8	445.3	440.9	169.8	374.8	396.8	396.8
91.9	152.1	493.8	493.8	151.0	438.7	429.9	149.9	370.4	385.8	385.8
98.4	136.7	467.4	451.9	135.6	427.7	414.5	134.5	366.0	374.8	374.8
111.5	111.3	421.1	388.7	110.2	392.4	374.8	109.3	343.9	346.9	346.9
124.7	91.9	366.0	335.8	90.8	359.4	333.6	89.9	319.7	318.2	318.2
137.8	76.1	321.9	293.2	74.7	319.7	291.0	73.6	295.4	288.8	288.8
150.9	63.3	284.4	260.9	61.7	284.4	258.7	60.6	273.4	256.5	256.5
164.0	52.5	255.7	233.0	51.1	253.5	231.1	49.8	251.3	228.5	228.5
177.2	43.7	231.5	209.4	42.1	229.3	208.3	40.8	229.3	205.0	205.0
190.3	36.2	210.5	191.1	34.6	209.4	190.0	33.3	208.3	186.3	186.3
203.4	29.8	192.9	174.2	28.0	191.8	173.1	26.7	190.7	170.1	170.1
216.5	24.3	177.5	159.8	22.5	176.4	157.6	21.2	174.2	155.4	155.4
229.7	19.4	163.1	147.3	17.6	162.0	145.9	16.3	160.9	142.9	142.9
242.8	15.2	151.0	136.3	13.4	149.9	134.8	11.9	148.8	131.5	131.5
255.9	11.7	134.5	126.8	9.7	138.9	124.6	-	137.8	121.3	121.3
269.0	-	-	-	-	124.6	115.7	-	127.9	112.1	112.1
282.2	-	-	-	-	-	-	-	115.7	102.7	102.7
295.3	-	-	-	-	-	-	-	104.1	93.7	93.7

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



SSL/LSL LIFTING CAPACITIES

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

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

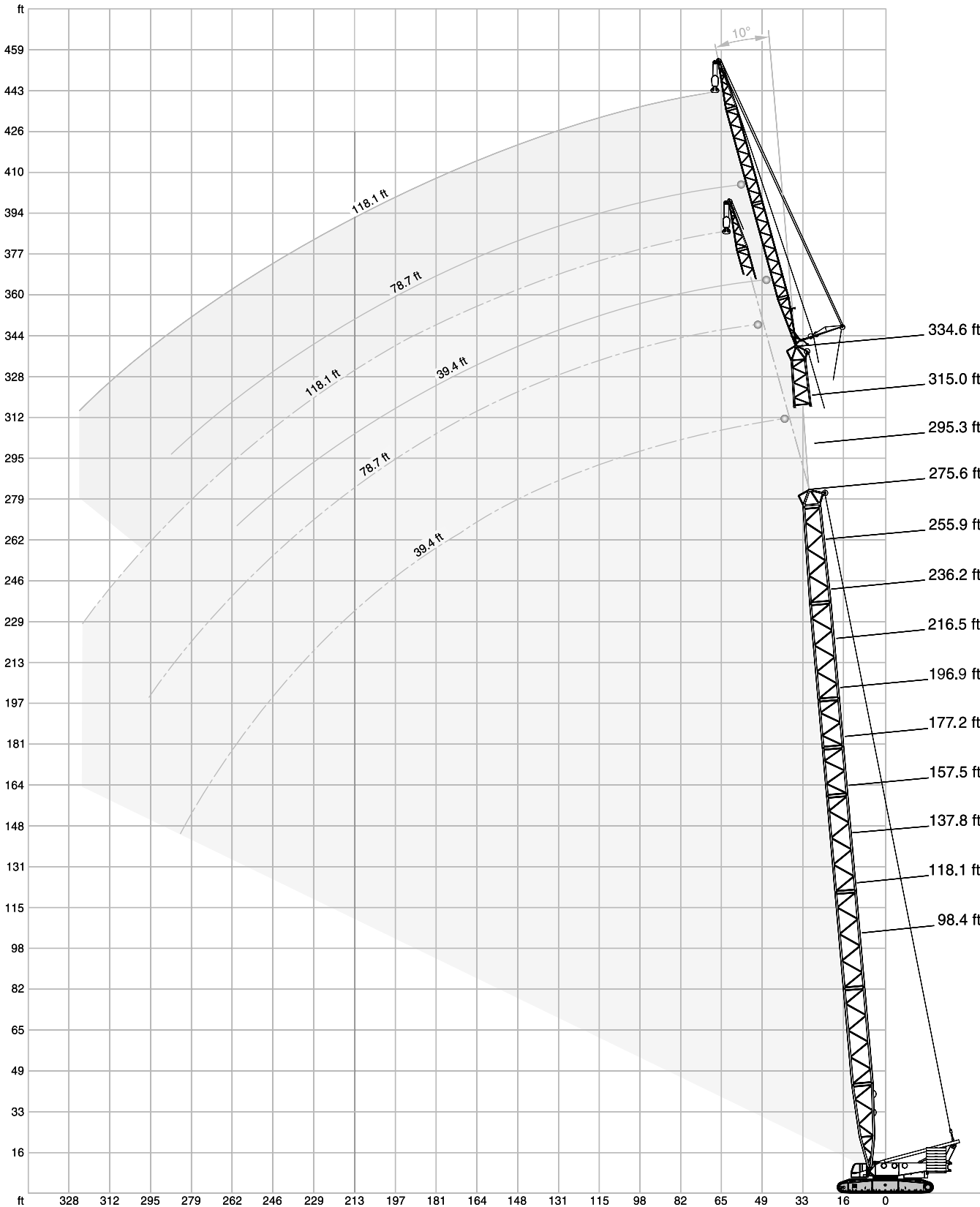
Remarks (page 19 + 20)

For HSSL a boom power-kit is required



DEMAG CC2800-1
CRAWLER CRANE

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



**SH+LF2 LIFTING CAPACITIES**

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



SH+LF2 LIFTING CAPACITIES

 396,800 lb + 132,300 lb ZB				 39.4 ft			 27.6 ft			360°			DIN/ISO			
		196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft		
		10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°
ft		1,000 lb														
36.1	275.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	275.6	238.1	-	-	275.6	-	-	275.6	-	-	-	-	-	-	-	-
42.7	275.6	235.9	177.5	-	275.6	233.7	-	275.6	238.1	-	275.6	-	-	275.6	-	-
45.9	275.6	227.1	177.5	-	275.6	233.7	174.2	275.6	238.1	176.4	275.6	233.7	-	275.6	229.3	-
49.2	275.6	219.4	172.0	-	275.6	224.9	174.2	275.6	229.3	176.4	275.6	233.7	174.2	271.2	229.3	172.0
52.5	275.6	211.6	167.6	-	275.6	217.2	169.8	275.6	222.7	173.1	264.6	227.1	174.2	253.5	229.3	172.0
59.1	253.5	197.3	157.6	-	253.5	203.9	162.0	242.5	209.4	164.2	233.7	213.8	166.4	224.9	218.3	168.7
65.6	233.7	185.2	149.9	-	227.1	190.7	153.2	217.2	197.3	156.5	209.4	201.7	159.8	200.6	202.8	162.0
72.2	211.6	174.2	142.2	-	203.9	180.8	145.5	195.1	186.3	149.9	187.4	189.6	153.2	179.7	181.9	155.4
78.7	191.8	164.2	135.6	-	184.1	170.9	138.9	176.4	176.4	143.3	169.8	172.0	146.6	162.0	164.2	149.9
85.3	169.8	155.4	129.0	-	167.6	162.0	133.4	159.8	162.0	136.7	154.3	155.4	141.1	146.6	148.8	143.3
91.9	152.1	147.7	123.5	-	149.9	152.1	127.9	146.6	147.7	131.2	140.0	142.2	135.6	133.4	135.6	137.8
98.4	137.8	138.9	119.0	-	135.6	136.7	122.4	132.3	133.4	126.8	127.9	130.1	130.1	121.3	123.5	125.7
111.5	113.5	114.6	110.2	-	111.3	112.4	113.5	108.5	109.6	110.2	106.0	107.4	108.5	102.5	104.1	105.6
124.7	95.2	96.1	97.0	-	93.0	93.9	94.8	89.9	91.1	91.9	87.5	88.6	89.7	84.4	85.8	86.9
137.8	80.9	81.6	82.2	-	78.5	79.4	80.0	75.4	76.3	77.2	72.5	73.6	74.7	68.8	70.1	71.2
150.9	69.2	69.9	70.5	-	66.6	67.5	68.1	62.8	63.9	64.6	60.0	61.1	61.9	56.2	57.3	58.4
164.0	59.3	60.0	60.4	-	56.4	57.1	57.8	52.7	53.4	54.2	49.6	50.5	51.4	45.9	47.0	47.8
177.2	50.9	51.4	51.8	-	47.8	48.5	48.9	44.1	44.8	45.4	41.0	41.9	42.5	37.3	38.1	39.0
190.3	43.7	44.1	44.5	-	40.8	41.2	41.7	36.8	37.5	37.9	33.7	34.4	35.1	30.0	30.6	31.5
203.4	37.5	37.9	38.1	-	34.6	35.1	35.3	30.6	31.1	31.5	27.6	28.2	28.7	23.6	24.3	24.9
206.7	36.2	36.6	36.8	-	33.3	33.7	33.9	29.3	29.7	30.1	26.2	26.8	27.3	22.3	22.9	23.5
213.3	33.5	34.0	-	-	30.6	30.9	31.1	26.5	27.0	27.4	23.4	24.1	24.5	19.6	20.2	20.7
216.5	-	32.6	-	-	29.3	29.5	29.8	25.1	25.6	26.0	22.0	22.7	23.1	18.3	18.7	19.4
223.1	-	-	-	-	27.0	27.2	27.3	22.8	23.3	23.6	19.8	20.2	20.7	15.9	16.4	17.0
229.7	-	-	-	-	24.7	24.9	-	20.5	20.9	21.2	17.4	17.9	18.3	13.4	14.1	14.6
232.9	-	-	-	-	23.6	23.8	-	19.5	19.8	20.1	16.4	16.8	17.3	12.5	13.1	13.4
239.5	-	-	-	-	-	-	-	17.5	17.8	18.1	14.4	14.7	15.2	10.5	11.0	11.2
242.8	-	-	-	-	-	-	-	16.5	16.8	-	13.4	13.7	14.1	9.5	9.9	10.1
246.1	-	-	-	-	-	-	-	15.7	15.9	-	12.5	12.8	13.0	8.4	8.9	9.3
249.3	-	-	-	-	-	-	-	14.8	15.0	-	11.6	11.9	12.1	-	7.9	8.4
255.9	-	-	-	-	-	-	-	-	-	-	9.7	10.1	10.4	-	-	-
262.5	-	-	-	-	-	-	-	-	-	-	8.2	8.4	-	-	-	-

**SH/LH+LF2 LIFTING CAPACITIES**

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

Remarks

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

**DEMAG CC2800-1**
CRAWLER CRANE**SH/LH+LF2 LIFTING CAPACITIES**

396,800 lb + 132,300 lb ZB			39.4 ft		27.6 ft		360°		DIN/ISO			
	275.6 ft						295.3 ft					
	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.
	10°		15°		20°		10°		15°		20°	
	1,000 lb											
45.9	235.9	275.6	-	-	-	-	200.6	275.6	-	-	-	-
49.2	235.9	275.6	211.6	246.9	184.1	-	200.6	275.6	184.1	244.7	-	-
52.5	233.7	275.6	211.6	246.9	179.7	189.6	200.6	275.6	184.1	244.7	169.8	188.5
59.1	227.1	275.6	207.2	231.5	172.0	186.3	195.1	262.4	180.8	220.5	168.7	188.5
65.6	207.2	244.7	202.8	207.2	164.2	178.6	189.6	235.9	176.4	198.4	164.2	180.8
72.2	187.4	211.6	189.6	186.3	157.6	170.9	180.8	209.4	172.0	178.6	159.8	174.2
78.7	169.8	185.2	172.0	168.7	151.0	164.2	164.2	181.9	165.3	160.9	153.2	163.1
85.3	154.3	163.1	156.5	153.2	144.4	154.3	148.8	160.9	151.0	145.5	147.7	147.7
91.9	141.1	145.5	143.3	138.9	140.0	141.1	136.7	142.2	137.8	133.4	140.0	134.5
98.4	130.1	130.1	131.2	127.9	132.3	129.0	124.6	126.8	126.8	121.3	127.9	123.5
111.5	108.7	106.0	110.0	107.4	110.2	108.7	106.3	103.2	107.6	102.3	108.9	103.8
124.7	90.2	87.3	91.3	88.6	92.4	89.7	88.4	84.2	89.5	85.8	90.6	86.9
137.8	75.6	72.3	76.5	73.4	77.4	74.5	73.6	68.6	74.7	69.9	75.8	71.2
150.9	63.1	59.5	64.2	60.6	65.0	61.7	61.1	56.0	61.9	57.1	63.1	58.2
164.0	52.9	49.2	53.6	50.3	54.5	50.9	50.7	45.6	51.6	46.5	52.5	47.6
177.2	44.3	40.6	45.0	41.4	45.6	42.1	42.1	36.8	42.8	37.7	43.7	38.6
190.3	36.8	33.3	37.5	34.0	38.1	34.6	34.6	29.5	35.5	30.2	36.2	31.1
203.4	30.6	26.9	31.3	27.6	31.7	28.2	28.4	23.1	29.1	23.8	29.5	24.5
216.5	25.1	21.6	25.8	22.0	26.2	22.5	22.9	17.6	23.6	18.3	24.0	19.0
229.7	20.5	16.8	20.9	17.2	21.4	17.6	18.3	13.0	18.7	13.4	19.2	13.9
242.8	16.3	12.6	16.8	13.0	17.2	13.4	14.1	8.8	14.6	9.3	15.0	9.7
246.1	15.4	11.7	15.8	12.1	16.3	12.5	13.0	7.7	13.4	8.2	14.0	8.6
255.9	12.8	9.0	13.0	9.3	13.4	9.7	10.4	-	10.8	-	11.2	-
259.2	12.0	8.2	12.2	8.4	12.6	8.8	9.6	-	10.0	-	10.4	-
262.5	11.1	-	11.5	-	11.8	7.9	8.7	-	9.2	-	9.5	-
269.0	9.5	-	9.9	-	10.1	-	-	-	-	-	7.7	-
275.6	8.2	-	8.4	-	-	-	-	-	-	-	-	-

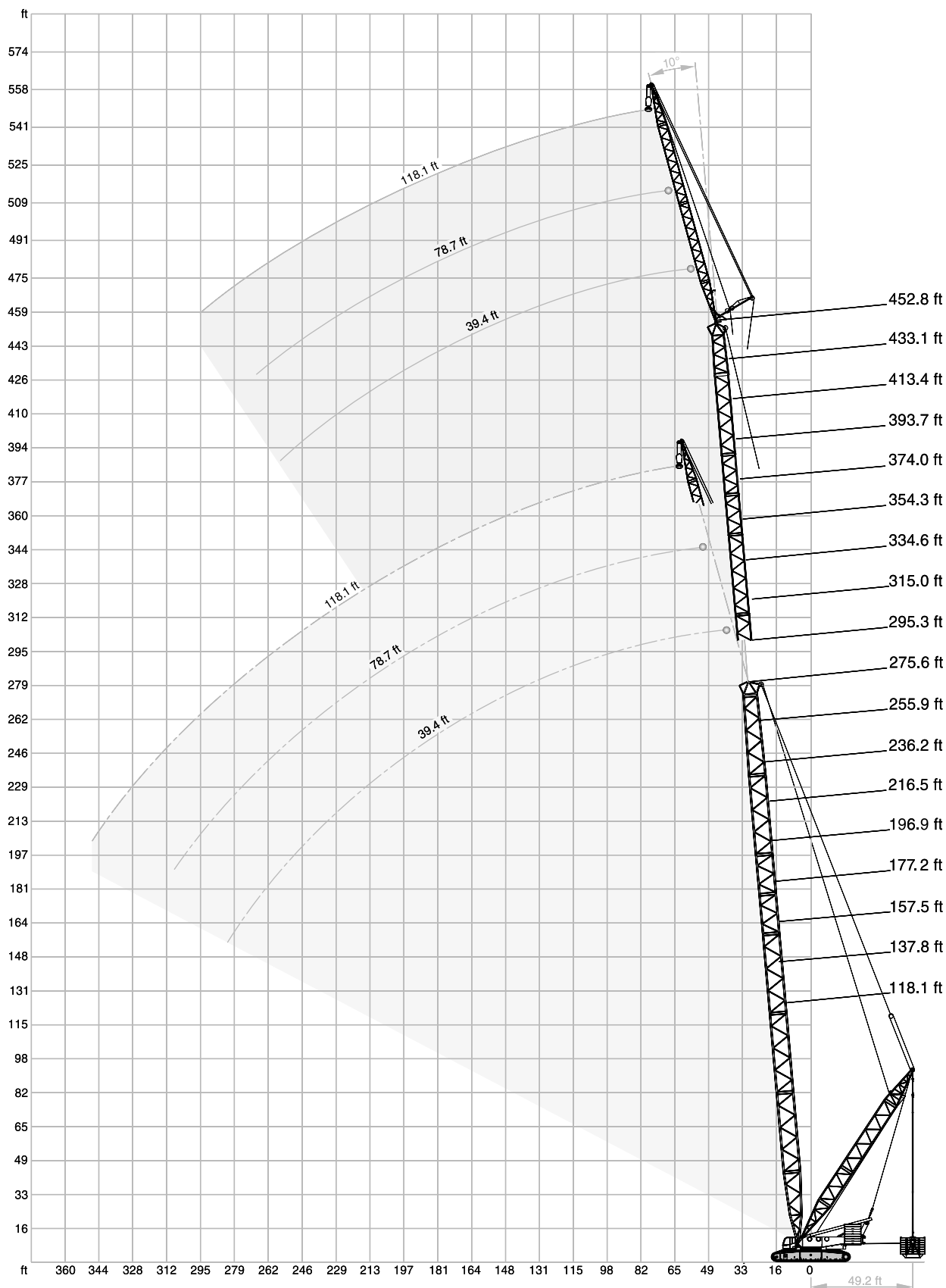
	315.0 ft						334.6 ft					
	SH/LH+LF2	SH/LH+LF2 SGLmax.	SH/LH+LF2	SH/LH+LF2 SGLmax.	SH/LH+LF2	SH/LH+LF2 SGLmax.	SH/LH+LF2	SH/LH+LF2 SGLmax.	SH/LH+LF2	SH/LH+LF2 SGLmax.	SH/LH+LF2	SH/LH+LF2 SGLmax.
	10°		15°		20°		10°		15°		20°	
ft	1,000 lb											
49.2	190.7	242.5	-	-	-	-	159.8	227.1	-	-	-	-
52.5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

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



SSL+LF2, SSL/LSL+LF2 WORKING RANGES

10°



**SSL+LF2 LIFTING CAPACITIES**
 396,800 lb + 132,300 lb ZB
 36.1 – 49.2 ft
 0-661,400 lb
 39.4 ft
 27.6 ft
 360° **DIN/ISO**

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

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

Remarks: see page 28

**SSL+LF2 LIFTING CAPACITIES**
 396,800 lb + 132,300 lb ZB
 36.1 – 49.2 ft
 0-661,400 lb
 39.4 ft
 27.6 ft
 360° **DIN/ISO**

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

Remarks

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

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

**SSL+LF2 LIFTING CAPACITIES**
 396,800 lb + 132,300 lb ZB
  36.1 – 49.2 ft
  0-661,400 lb
  39.4 ft
  27.6 ft
 360° **DIN/ISO**

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

3

Remarks

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

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

**SSL+LF2 LIFTING CAPACITIES**

 396,800 lb + 132,300 lb ZB	 36.1 – 49.2 ft	 0-661,400 lb	 39.4 ft	 27.6 ft	360°	DIN/ISO
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	334.6 ft			354.3 ft		
	HSSL			HSSL		
	10°	15°	20°	10°	15°	20°
ft	1,000 lb					
49.2	275.6	-	-	271.2	-	-
52.5	275.6	242.5	-	271.2	244.7	-
55.8	275.6	235.9	179.7	271.2	239.2	181.9
59.1	275.6	229.3	176.4	271.2	233.7	178.6
65.6	275.6	219.4	169.8	271.2	222.7	170.9
72.2	275.6	209.4	163.1	271.2	212.7	165.3
78.7	264.6	199.5	157.6	271.2	203.9	158.7
85.3	251.3	191.8	152.1	257.9	195.1	154.3
91.9	238.1	184.1	146.6	244.7	187.4	148.8
98.4	227.1	176.4	142.2	233.7	180.8	144.4
111.5	208.7	163.9	133.4	215.3	168.3	135.6
124.7	192.2	152.9	125.7	198.4	156.9	127.9
137.8	177.5	143.3	119.0	183.0	146.6	121.3
150.9	165.0	135.2	113.2	171.2	138.5	115.4
164.0	154.0	127.9	107.9	160.2	131.2	110.2
177.2	144.4	121.3	103.2	149.9	124.6	105.6
190.3	136.3	115.4	99.1	141.8	118.7	101.3
203.4	129.0	110.2	95.2	134.5	113.5	97.4
216.5	122.4	105.6	91.7	127.9	108.9	93.9
229.7	117.2	101.5	88.6	119.6	104.6	90.7
242.8	112.1	97.7	85.8	112.0	100.7	87.7
255.9	106.9	94.1	83.1	104.5	97.0	85.1
269.0	98.5	90.0	80.9	96.7	93.8	82.7
282.2	90.1	84.4	77.1	88.8	88.3	78.8
295.3	81.6	77.4	71.7	80.9	80.7	73.2
308.4	73.2	70.3	66.4	73.1	73.0	67.2
318.2	66.7	65.0	62.2	67.2	67.3	62.6
321.5	64.6	63.2	-	65.3	65.4	61.1
334.6	56.2	56.0	-	57.3	57.8	54.9
347.8	-	-	-	49.6	50.0	-
351.1	-	-	-	47.6	48.1	-

Remarks

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

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

**SSL/LSL+LF2 LIFTING CAPACITIES** 396,800 lb + 132,300 lb ZB 36.1 – 49.2 ft 0-661,400 lb 39.4 ft 27.6 ft 360° **DIN/ISO**

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

Remarks

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

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

**SSL/LSL+LF2 LIFTING CAPACITIES**
 396,800 lb + 132,300 lb ZB
 36.1 – 49.2 ft
 0-661,400 lb
 39.4 ft
 27.6 ft
 360° **DIN/ISO**

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

Remarks

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

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

**SSL/LSL+LF2 LIFTING CAPACITIES**
 396,800 lb + 132,300 lb ZB
 36.1 – 49.2 ft
 0-661,400 lb
 39.4 ft
 27.6 ft
 360° **DIN/ISO**

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

3

Remarks

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

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



SSL/LSL+LF2 LIFTING CAPACITIES

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

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

Remarks

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

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



SSL/LSL+LF2 LIFTING CAPACITIES

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

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

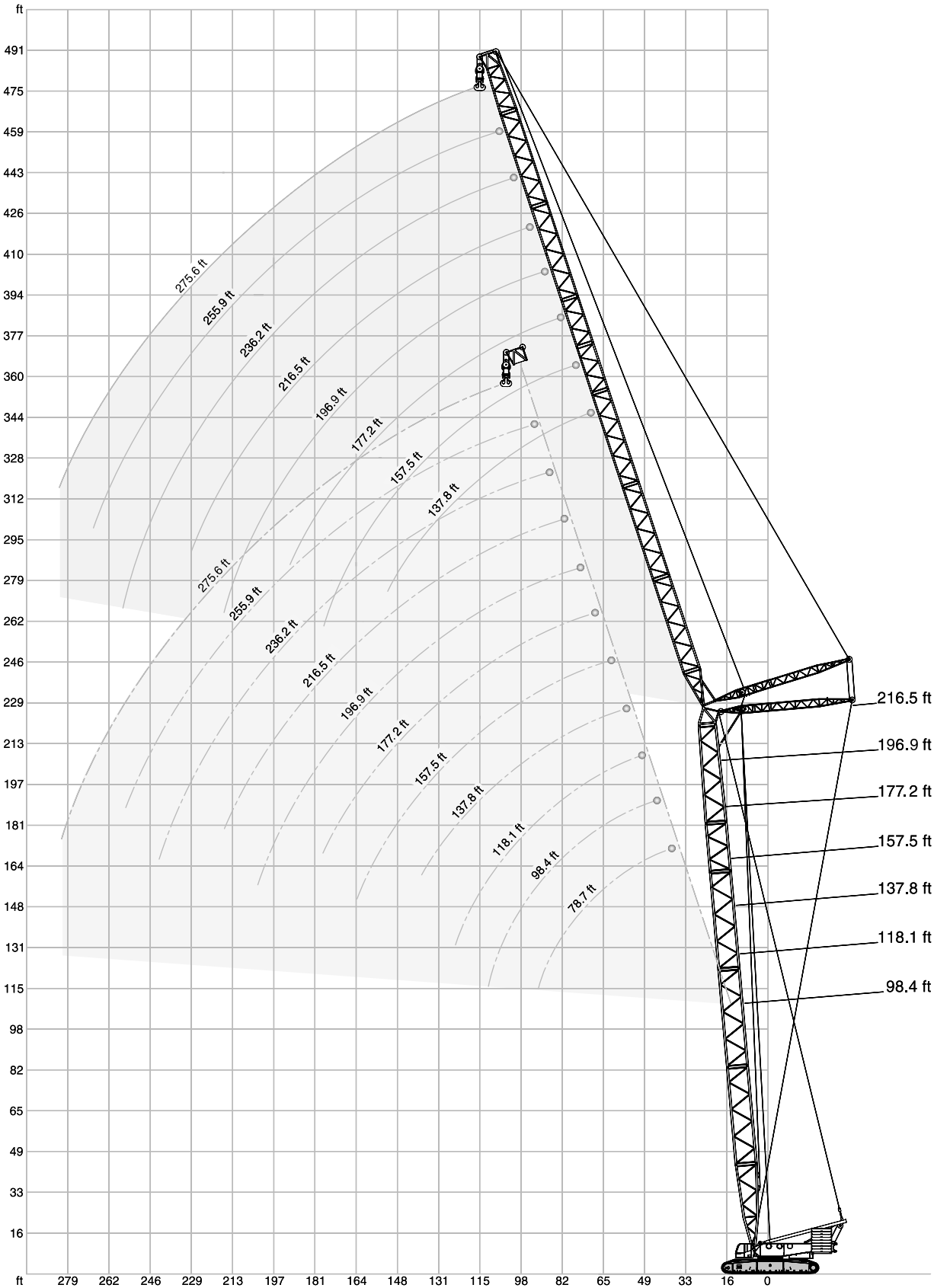
Remarks

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

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



SW WORKING RANGES



**SW LIFTING CAPACITIES**

	396,800 lb + 132,300 lb ZB		27.6 ft	360°	DIN/ISO
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	98.4 ft
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	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
ft	1,000 lb																	
45.9	458.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52.5	379.2	-	-	377.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	319.7	-	-	317.5	-	-	317.5	-	-	-	-	-	-	-	-	-	-	-
65.6	277.8	-	-	275.6	-	-	273.4	-	-	271.2	-	-	-	-	-	-	-	-
72.2	244.7	-	-	242.5	-	-	240.3	-	-	238.1	-	-	235.9	-	-	-	-	-
78.7	217.2	203.9	-	216.1	-	-	213.8	-	-	211.6	-	-	210.5	-	-	207.2	-	-
85.3	196.2	183.0	-	194.0	180.8	-	192.9	-	-	189.6	-	-	188.5	-	-	186.3	-	-
91.9	177.5	166.4	-	176.4	164.2	-	174.2	-	-	172.0	-	-	170.9	-	-	167.6	-	-
98.4	-	152.1	-	160.9	149.9	-	158.7	147.7	-	156.5	-	-	155.4	-	-	153.2	-	-
105.0	-	140.0	130.1	148.8	137.8	-	146.6	135.6	-	144.4	132.3	-	143.3	-	-	141.1	-	-
111.5	-	-	120.2	136.7	126.8	-	134.5	124.6	-	132.3	122.4	-	131.2	120.2	-	129.0	-	-
118.1	-	-	111.3	-	117.9	109.1	125.1	115.7	-	122.9	112.4	-	121.8	111.3	-	119.6	-	-
124.7	-	-	104.1	-	109.8	101.6	115.7	107.6	-	113.5	105.2	-	112.4	103.2	-	110.2	100.5	-
131.2	-	-	-	-	-	94.8	-	100.5	92.2	106.7	97.9	-	105.3	96.1	-	103.0	93.3	-
137.8	-	-	-	-	-	88.8	-	94.1	86.2	99.9	91.5	-	98.1	89.7	-	95.7	86.9	-
144.4	-	-	-	-	-	-	-	88.2	80.7	-	85.8	78.3	92.3	84.0	-	89.8	81.1	-
150.9	-	-	-	-	-	-	-	-	75.8	-	80.7	73.4	86.4	78.7	71.2	84.0	76.1	-
164.0	-	-	-	-	-	-	-	-	67.7	-	71.7	65.0	76.9	69.7	62.8	74.3	67.0	59.7
177.2	-	-	-	-	-	-	-	-	-	-	-	58.0	-	62.2	55.8	66.4	59.5	52.5
183.7	-	-	-	-	-	-	-	-	-	-	-	-	-	59.1	52.5	-	56.2	49.2
190.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.6	-	53.4	46.3
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47.8	41.0
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.6

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

Remarks

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

**SW LIFTING CAPACITIES**

 396,800 lb + 132,300 lb ZB	 27.6 ft	360°	DIN/ISO
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 118.1 ft
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	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
ft	1,000 lb																	
52.5	374.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	317.5	-	-	315.3	-	-	315.3	-	-	-	-	-	-	-	-	-	-	-
65.6	275.6	-	-	273.4	-	-	271.2	-	-	269.0	-	-	-	-	-	-	-	-
72.2	242.5	-	-	240.3	-	-	238.1	-	-	235.9	-	-	233.7	-	-	-	-	-
78.7	216.1	-	-	213.8	-	-	212.7	-	-	210.5	-	-	208.3	-	-	206.1	-	-
85.3	194.0	178.6	-	192.9	-	-	190.7	-	-	188.5	-	-	187.4	-	-	184.1	-	-
91.9	176.4	162.0	-	174.2	159.8	-	173.1	-	-	170.9	-	-	168.7	-	-	166.4	-	-
98.4	-	147.7	-	159.8	145.5	-	157.6	143.3	-	155.4	-	-	154.3	-	-	151.0	-	-
111.5	-	125.7	114.6	134.5	123.5	-	133.4	120.2	-	131.2	117.9	-	130.1	-	-	126.8	-	-
118.1	-	-	106.3	-	113.5	-	124.0	111.3	-	121.8	109.6	-	120.7	107.6	-	117.9	-	-
124.7	-	-	98.8	-	106.3	96.1	114.6	104.1	-	112.4	101.6	-	111.3	99.6	-	109.1	-	-
131.2	-	-	-	-	99.2	89.5	-	97.0	-	105.6	94.6	-	104.3	92.6	-	101.9	89.7	-
137.8	-	-	-	-	-	83.8	-	90.8	80.9	98.8	88.4	-	97.2	86.4	-	94.6	83.6	-
150.9	-	-	-	-	-	73.9	-	80.2	71.2	87.1	77.6	68.6	85.5	75.6	-	82.9	73.0	-
164.0	-	-	-	-	-	-	-	-	63.1	-	69.0	60.4	75.8	67.0	57.8	73.4	64.2	-
170.6	-	-	-	-	-	-	-	-	-	-	65.0	56.7	-	63.1	54.2	69.4	60.4	-
177.2	-	-	-	-	-	-	-	-	-	-	-	53.4	-	59.7	50.9	65.5	56.9	47.4
190.3	-	-	-	-	-	-	-	-	-	-	-	47.6	-	53.6	45.0	58.9	50.5	41.4
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.1	-	45.0	36.6
210.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.5	34.4
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.4
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.9
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Remarks

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

**DEMAG CC2800-1**
CRAWLER CRANE**SW** LIFTING CAPACITIES396,800 lb + 132,300 lb ZB  27.6 ft 360° DIN/ISO 137.8 ft

	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
ft	1,000 lb																	
52.5	372.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	315.3	-	-	313.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.6	273.4	-	-	271.2	-	-	269.0	-	-	-	-	-	-	-	-	-	-	-
72.2	240.3	-	-	238.1	-	-	235.9	-	-	233.7	-	-	-	-	-	-	-	-
78.7	213.8	-	-	212.7	-	-	210.5	-	-	208.3	-	-	206.1	-	-	203.9	-	-
85.3	192.9	173.1	-	190.7	-	-	189.6	-	-	186.3	-	-	185.2	-	-	183.0	-	-
91.9	174.2	156.5	-	173.1	-	-	170.9	-	-	168.7	-	-	167.6	-	-	164.2	-	-
98.4	-	143.3	-	157.6	141.1	-	156.5	-	-	154.3	-	-	152.1	-	-	149.9	-	-
105.0	-	131.2	-	145.5	129.0	-	144.4	126.8	-	142.2	-	-	140.0	-	-	137.8	-	-
111.5	-	121.3	-	133.4	119.0	-	132.3	115.7	-	130.1	-	-	127.9	-	-	125.7	-	-
118.1	-	112.4	-	-	110.2	-	122.9	108.0	-	120.7	105.4	-	119.0	-	-	116.7	-	-
124.7	-	-	92.8	-	102.7	-	113.5	100.3	-	111.3	97.7	-	110.2	95.7	-	107.8	-	-
131.2	-	-	86.6	-	95.7	-	-	93.5	-	104.4	90.8	-	103.1	88.8	-	100.6	86.0	-
137.8	-	-	81.1	-	89.5	78.3	-	87.3	-	97.4	84.9	-	95.9	82.9	-	93.5	80.0	-
150.9	-	-	-	-	-	68.8	-	76.9	65.7	86.0	74.3	-	84.4	72.5	-	81.8	69.7	-
157.5	-	-	-	-	-	-	-	72.5	61.5	-	69.9	-	79.7	67.9	-	77.1	65.3	-
164.0	-	-	-	-	-	-	-	-	57.8	-	65.9	54.7	75.0	63.9	-	72.3	60.8	-
177.2	-	-	-	-	-	-	-	-	51.1	-	58.9	48.1	-	56.7	45.4	64.4	53.6	-
190.3	-	-	-	-	-	-	-	-	-	-	42.5	-	-	50.5	39.9	57.8	47.2	36.4
196.9	-	-	-	-	-	-	-	-	-	-	-	-	-	47.8	37.5	-	44.5	34.0
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.3	-	41.9	31.7
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.3	-	-	27.8
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.5

	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
ft	1,000 lb														
85.3	180.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91.9	163.1	-	-	162.0	-	-	-	-	-	-	-	-	-	-	-
98.4	147.7	-	-	146.6	-	-	144.4	-	-	-	-	-	-	-	-
111.5	124.6	-	-	122.4	-	-	120.2	-	-	119.0	-	-	116.8	-	-
124.7	106.3	-	-	104.7	-	-	102.3	-	-	101.6	-	-	99.6	-	-
137.8	91.9	-	-	90.4	-	-	87.7	-	-	87.3	-	-	85.1	-	-
144.4	86.1	72.8	-	84.5	-	-	82.0	-	-	81.5	-	-	79.4	-	-
150.9	80.2	67.7	-	78.7	65.5	-	76.3	-	-	75.6	-	-	73.6	-	-
164.0	70.8	58.9	-	69.2	56.7	-	66.6	53.1	-	66.1	-	-	63.9	-	-
170.6	66.8	54.9	-	65.3	52.7	-	62.6	49.4	-	62.1	48.5	-	59.9	-	-
177.2	62.8	51.4	-	61.3	49.2	-	58.6	45.9	-	58.0	45.0	-	55.8	42.1	-
190.3	56.0	45.0	-	54.5	43.0	-	51.8	39.7	-	50.9	38.6	-	48.5	35.9	-
203.4	50.3	39.7	29.3	48.7	37.5	27.1	45.6	34.2	-	44.8	33.3	-	42.3	30.6	-
216.5	-	35.1	25.4	43.4	32.8	23.1	40.3	29.5	19.4	39.5	28.7	-	37.0	26.0	-
229.7	-	31.1	21.8	39.0	28.9	19.6	35.7	25.6	16.1	34.8	24.5	14.8	32.4	21.8	-
242.8	-	-	19.0	-	25.6	16.5	31.7	22.0	13.0	30.6	20.9	11.9	28.2	18.3	-
249.3	-	-	17.6	-	24.0	15.2	-	20.5	11.7	28.9	19.4	10.4	26.5	16.8	-
255.9	-	-	16.3	-	-	13.9	-	19.2	10.4	27.1	17.9	9.3	24.7	15.2	-
269.0	-	-	-	-	-	11.7	-	16.5	-	-	15.2	-	21.6	12.6	-
282.2	-	-	-	-	-	-	-	-	-	-	12.8	-	18.7	10.1	-
288.7	-	-	-	-	-	-	-	-	-	-	11.7	-	-	9.0	-

Remarks

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

**SW LIFTING CAPACITIES**

 396,800 lb + 132,300 lb ZB	 27.6 ft	360°	DIN/ISO
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 157.5 ft
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	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
ft	1,000 lb																	
52.5	370.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	313.1	-	-	310.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.6	271.2	-	-	269.0	-	-	266.8	-	-	-	-	-	-	-	-	-	-	-
72.2	238.1	-	-	235.9	-	-	233.7	-	-	231.5	-	-	-	-	-	-	-	-
78.7	212.7	-	-	210.5	-	-	208.3	-	-	206.1	-	-	203.9	-	-	-	-	-
85.3	190.7	-	-	188.5	-	-	187.4	-	-	185.2	-	-	183.0	-	-	180.8	-	-
91.9	173.1	151.0	-	170.9	-	-	169.8	-	-	167.6	-	-	165.3	-	-	163.1	-	-
98.4	157.6	137.8	-	156.5	-	-	154.3	-	-	152.1	-	-	151.0	-	-	147.7	-	-
105.0	-	126.8	-	144.4	124.6	-	142.7	-	-	140.0	-	-	138.9	-	-	136.1	-	-
111.5	-	116.8	-	132.3	114.6	-	131.2	111.3	-	127.9	-	-	126.8	-	-	124.6	-	-
118.1	-	108.7	-	-	106.0	-	121.8	103.6	-	119.0	101.0	-	117.8	-	-	115.5	-	-
124.7	-	101.0	-	-	98.5	-	112.4	96.1	-	110.2	93.5	-	108.9	-	-	106.5	-	-
131.2	-	-	-	-	91.9	-	-	89.5	-	103.3	86.9	-	101.7	84.9	-	99.3	-	-
137.8	-	-	75.2	-	86.0	-	-	83.6	-	96.3	80.9	-	94.6	78.9	-	92.2	76.1	-
144.4	-	-	70.3	-	80.5	67.0	-	78.3	-	90.6	75.6	-	88.8	73.6	-	86.4	70.5	-
150.9	-	-	65.9	-	-	62.6	-	73.4	-	84.9	71.0	-	83.1	69.0	-	80.7	65.7	-
157.5	-	-	-	-	-	58.6	-	69.2	55.1	-	66.6	-	78.4	64.6	-	75.9	61.1	-
164.0	-	-	-	-	-	55.1	-	65.3	51.6	-	62.6	48.5	73.6	60.4	-	71.2	57.1	-
177.2	-	-	-	-	-	-	-	-	45.4	-	55.6	42.3	-	53.1	39.7	63.3	49.8	-
190.3	-	-	-	-	-	-	-	-	-	-	-	37.3	-	47.2	34.6	56.9	43.9	31.1
196.9	-	-	-	-	-	-	-	-	-	-	-	35.1	-	44.5	32.4	-	41.2	28.7
203.4	-	-	-	-	-	-	-	-	-	-	-	33.1	-	-	30.2	-	38.6	26.7
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.5	-	34.4	22.9
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.8
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.2

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

Remarks

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

**SW** LIFTING CAPACITIES396,800 lb + 132,300 lb ZB  27.6 ft 360° DIN/ISO 177.2 ft

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

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

Remarks

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

**SW LIFTING CAPACITIES**

 396,800 lb + 132,300 lb ZB	 27.6 ft	360°	DIN/ISO
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 196.9 ft
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	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
ft	1,000 lb																	
59.1	306.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.6	264.6	-	-	262.4	-	-	260.1	-	-	-	-	-	-	-	-	-	-	-
72.2	233.7	-	-	231.5	-	-	229.3	-	-	227.1	-	-	-	-	-	-	-	-
78.7	208.3	-	-	206.1	-	-	203.9	-	-	201.7	-	-	199.5	-	-	-	-	-
85.3	186.3	-	-	185.2	-	-	183.0	-	-	180.8	-	-	178.6	-	-	176.4	-	-
91.9	168.7	-	-	167.6	-	-	165.3	-	-	163.1	-	-	160.9	-	-	158.7	-	-
98.4	154.3	-	-	152.1	-	-	151.0	-	-	148.8	-	-	146.6	-	-	144.4	-	-
105.0	-	116.8	-	140.5	-	-	139.4	-	-	136.7	-	-	135.0	-	-	132.3	-	-
111.5	-	107.6	-	129.0	104.9	-	127.9	-	-	124.6	-	-	123.5	-	-	120.2	-	-
124.7	-	92.4	-	-	89.7	-	109.8	87.1	-	107.4	-	-	105.8	-	-	103.4	-	-
131.2	-	86.0	-	-	83.6	-	102.8	80.9	-	100.4	77.8	-	98.9	-	-	96.3	-	-
137.8	-	-	-	-	78.0	-	95.9	75.2	-	93.5	72.3	-	91.9	69.7	-	89.3	-	-
150.9	-	-	52.5	-	68.6	-	-	65.5	-	82.2	62.4	-	80.5	60.2	-	78.0	56.4	-
164.0	-	-	45.9	-	-	42.3	-	57.5	-	-	54.5	-	71.2	52.2	-	68.8	48.7	-
170.6	-	-	-	-	-	39.5	-	54.0	-	-	51.1	-	67.5	48.7	-	64.9	45.2	-
177.2	-	-	-	-	-	37.0	-	-	33.3	-	47.8	-	63.7	45.4	-	61.1	42.1	-
190.3	-	-	-	-	-	-	-	-	29.1	-	42.3	25.8	-	39.9	-	54.5	36.6	-
203.4	-	-	-	-	-	-	-	-	25.4	-	-	22.3	-	35.3	19.4	-	31.7	-
210.0	-	-	-	-	-	-	-	-	-	-	-	20.5	-	33.3	17.9	-	29.8	-
216.5	-	-	-	-	-	-	-	-	-	-	-	19.2	-	-	16.3	-	27.8	12.6
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.7	-	24.5	9.9
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.5	-	-	-
249.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Remarks

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

**DEMAG CC2800-1**
CRAWLER CRANE**SW** LIFTING CAPACITIES

	396,800 lb + 132,300 lb ZB		27.6 ft	360°	DIN/ISO
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	216.5 ft
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	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
ft	1,000 lb																	
59.1	299.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.6	262.4	-	-	260.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72.2	231.5	-	-	229.3	-	-	227.1	-	-	-	-	-	-	-	-	-	-	-
78.7	205.0	-	-	202.8	-	-	201.7	-	-	198.4	-	-	-	-	-	-	-	-
85.3	184.1	-	-	183.0	-	-	180.8	-	-	178.6	-	-	176.4	-	-	-	-	-
91.9	167.6	-	-	165.3	-	-	163.1	-	-	160.9	-	-	158.7	-	-	156.5	-	-
98.4	152.1	-	-	151.0	-	-	148.8	-	-	146.6	-	-	144.4	-	-	142.2	-	-
105.0	-	111.3	-	138.9	-	-	137.2	-	-	135.0	-	-	132.8	-	-	130.6	-	-
111.5	-	102.5	-	126.8	-	-	125.7	-	-	123.5	-	-	121.3	-	-	119.0	-	-
118.1	-	94.8	-	-	91.9	-	117.0	-	-	114.6	-	-	112.8	-	-	110.3	-	-
124.7	-	88.0	-	-	85.3	-	108.2	81.8	-	105.8	-	-	104.3	-	-	101.6	-	-
137.8	-	76.5	-	-	73.4	-	94.4	70.3	-	91.9	67.2	-	90.4	-	-	87.7	-	-
144.4	-	-	-	-	68.6	-	-	65.5	-	86.3	62.4	-	84.8	59.7	-	82.1	-	-
150.9	-	-	-	-	63.9	-	-	60.8	-	80.7	58.0	-	79.1	55.6	-	76.5	-	-
157.5	-	-	-	-	60.0	-	-	56.9	-	-	53.8	-	74.6	51.6	-	72.0	47.8	-
164.0	-	-	39.5	-	-	35.7	-	53.4	-	-	50.3	-	70.1	47.8	-	67.5	44.3	-
177.2	-	-	34.4	-	-	30.9	-	47.0	27.1	-	43.9	-	62.4	41.7	-	59.7	37.9	-
190.3	-	-	-	-	-	26.9	-	-	23.1	-	38.6	20.1	-	36.2	-	53.4	32.6	-
196.9	-	-	-	-	-	-	-	-	21.4	-	36.4	18.3	-	34.0	-	-	30.4	-
203.4	-	-	-	-	-	-	-	-	19.8	-	-	16.8	-	31.7	13.9	-	28.2	-
216.5	-	-	-	-	-	-	-	-	-	-	-	13.9	-	28.0	11.0	-	24.5	-
223.1	-	-	-	-	-	-	-	-	-	-	-	12.6	-	-	9.9	-	22.7	-
229.7	-	-	-	-	-	-	-	-	-	-	-	11.5	-	-	-	-	21.2	-
236.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.8	-
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

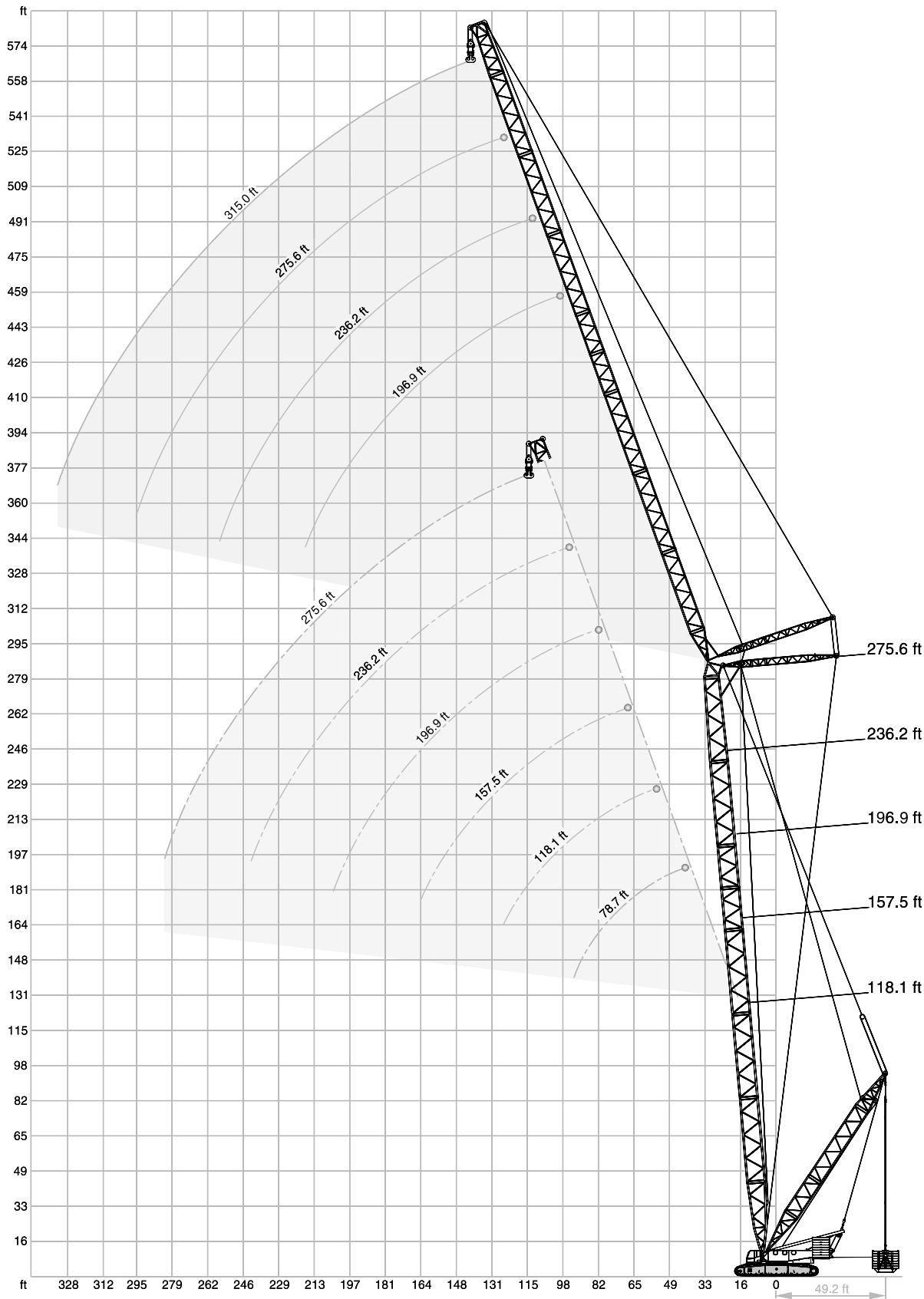
Remarks

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



TEREX®

SWSL WORKING RANGES



**DEMAG CC2800-1**
CRAWLER CRANE**SWSL / SFSL15° / HSWSL LIFTING CAPACITIES**

27.6 ft 36.1 – 49.2 ft

360°

DIN/ISO

118.1 ft + 78.7 ft

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

118.1 ft + 118.1 ft

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

118.1 ft + 157.5 ft

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

118.1 ft + 196.9 ft

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

118.1 ft + 236.2 ft

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

Remarks

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

For HSWSL a boom power-kit is required

**SWSL / SFSL15° / HSWSL LIFTING CAPACITIES**
 27.6 ft
  36.1 – 49.2 ft

360°

DIN/ISO
 118.1 ft +  275.6 ft

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

 157.5 ft +  78.7 ft

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

 157.5 ft +  118.1 ft

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

 157.5 ft +  157.5 ft

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

Remarks

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

**SWSL / SFSL15° / HSWSL LIFTING CAPACITIES**

27.6 ft 36.1 – 49.2 ft

360°

DIN/ISO

157.5 ft + 196.9 ft

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

157.5 ft + 275.6 ft

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

157.5 ft + 236.2 ft

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

196.9 ft + 78.7 ft

	1,000 lb						
55.8	-	-	-	-	-	-	599.7
59.1	330.7	544.5	-	-	-	549.0	588.6
65.6	286.6	524.7	-	-	-	544.5	566.6
72.2	251.3	502.7	-	-	-	542.3	540.1
78.7	224.9	480.6	-	-	-	540.1	515.9
85.3	201.7	454.2	-	-	-	524.7	487.2
91.9	183.0	425.5	-	-	-	498.2	451.9
98.4	167.6	401.2	-	-	-	469.6	403.4
105.0	-	-	434.3	-	-	433.2	-
111.5	-	-	403.4	-	-	396.8	-
124.7	-	-	352.7	-	-	341.7	-
131.2	-	-	332.9	-	-	319.7	-
144.4	-	-	-	280.0	-	280.0	-
150.9	-	-	-	266.8	-	262.4	-
164.0	-	-	-	240.3	-	233.7	-
177.2	-	-	-	-	-	209.4	-
183.7	-	-	-	-	199.5	198.4	-
190.3	-	-	-	-	190.7	187.4	-
196.9	-	-	-	-	183.0	178.6	-
203.4	-	-	-	-	-	169.8	-
216.5	-	-	-	-	-	154.3	-
229.7	-	-	-	-	-	141.1	-
242.8	-	-	-	-	-	121.3	-
255.9	-	-	-	-	-	103.6	-
269.0	-	-	-	-	-	-	-

Remarks: see page 46

**SWSL / SFSL 15° / HSWSL LIFTING CAPACITIES**

27.6 ft

36.1 – 49.2 ft

360°

DIN/ISO

196.9 ft + 118.1 ft

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

196.9 ft + 157.5 ft

ft	1,000 lb						
78.7	217.2	297.6	-	-	-	-	319.7
85.3	194.0	297.6	-	-	-	297.6	317.5
91.9	175.3	297.6	-	-	-	297.6	310.9
98.4	159.8	291.0	-	-	-	297.6	304.2
111.5	134.5	277.8	-	-	-	297.6	288.8
124.7	115.7	262.4	-	-	-	291.0	271.2
137.8	100.8	249.1	275.6	-	-	280.0	253.5
150.9	88.6	235.9	271.2	-	-	266.8	231.5
164.0	78.5	201.7	246.9	-	-	238.1	201.7
177.2	70.3	165.3	224.9	-	-	211.6	165.3
190.3	-	-	206.1	-	-	191.8	-
196.9	-	-	197.3	184.1	-	183.0	-
203.4	-	-	189.6	176.4	-	174.2	-
210.0	-	-	180.8	169.8	-	165.3	-
216.5	-	-	-	163.1	-	156.5	-
229.7	-	-	-	152.1	-	143.3	-
242.8	-	-	-	142.2	132.3	130.1	-
255.9	-	-	-	-	123.5	119.0	-
269.0	-	-	-	-	115.7	110.2	-
282.2	-	-	-	-	-	101.4	-
295.3	-	-	-	-	-	92.6	-
308.4	-	-	-	-	-	79.4	-
321.5	-	-	-	-	-	66.1	-

Remarks

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

196.9 ft + 196.9 ft

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

196.9 ft + 236.2 ft

ft	1,000 lb						
105.0	-	-	-	-	-	-	174.2
111.5	126.8	169.8	-	-	-	169.8	173.1
124.7	107.6	167.6	-	-	-	169.8	167.6
137.8	92.6	163.1	-	-	-	169.8	162.0
150.9	80.5	158.7	-	-	-	167.6	156.5
164.0	70.3	154.3	-	-	-	165.3	149.9
177.2	61.9	149.9	156.5	-	-	163.1	143.3
190.3	54.5	145.5	156.5	-	-	158.7	136.7
203.4	48.1	138.9	156.5	-	-	152.1	130.1
216.5	42.5	131.2	152.1	-	-	143.3	123.5
229.7	37.7	115.7	141.1	-	-	136.7	115.7
242.8	33.5	101.2	132.3	123.5	-	127.9	101.2
255.9	-	-	123.5	122.4	-	119.0	-
269.0	-	-	114.6	114.6	-	110.2	-
282.2	-	-	102.7	108.0	-	101.4	-
295.3	-	-	-	101.6	-	92.6	-
308.4	-	-	-	95.7	85.8	83.8	-
315.0	-	-	-	93.3	83.1	80.5	-
321.5	-	-	-	-	80.7	77.2	-
334.6	-	-	-	-	76.1	70.5	-
347.8	-	-	-	-	71.9	63.9	-
360.9	-	-	-	-	-	55.1	-
374.0	-	-	-	-	-	46.3	-
387.1	-	-	-	-	-	37.5	-
400.3	-	-	-	-	-	33.1	-

**DEMAG CC2800-1**
CRAWLER CRANE**SWSL / SFSL15° / HSWSL LIFTING CAPACITIES**

27.6 ft 36.1 – 49.2 ft

360°

DIN/ISO

196.9 ft + 275.6 ft

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

236.2 ft + 78.7 ft

ft	1,000 lb					
	324.1	407.9	-	-	-	478.4
59.1	324.1	407.9	-	-	-	478.4
65.6	280.0	407.9	-	-	410.1	471.8
72.2	246.9	385.8	-	-	405.7	451.9
78.7	219.4	370.4	-	-	405.7	434.3
85.3	197.3	357.1	-	-	405.7	414.5
91.9	178.6	346.1	-	-	401.2	399.0
98.4	163.1	335.1	-	-	388.0	381.4
111.5	-	-	370.4	-	374.8	-
124.7	-	-	343.9	-	335.1	-
137.8	-	-	304.2	-	291.0	-
144.4	-	-	288.8	-	273.4	-
164.0	-	-	-	229.3	227.1	-
177.2	-	-	-	209.4	202.8	-
183.7	-	-	-	200.6	191.8	-
190.3	-	-	-	-	180.8	-
203.4	-	-	-	-	163.1	-
216.5	-	-	-	-	147.7	-
229.7	-	-	-	-	134.5	-
242.8	-	-	-	-	121.3	-
255.9	-	-	-	-	110.2	-
269.0	-	-	-	-	97.0	-
282.2	-	-	-	-	83.8	-
295.3	-	-	-	-	-	-

236.2 ft + 118.1 ft

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

236.2 ft + 157.5 ft

ft	1,000 lb					
	189.6	233.7	-	-	-	271.2
82.0	189.6	233.7	-	-	-	271.2
85.3	170.9	233.7	-	-	-	264.6
91.9	155.4	231.5	-	-	-	233.7
98.4	131.2	222.7	-	-	-	233.7
111.5	112.4	213.8	-	-	-	233.7
124.7	97.7	202.8	-	-	-	233.7
137.8	85.8	194.0	227.1	-	-	233.7
150.9	75.8	185.2	222.7	-	-	222.7
164.0	67.7	176.4	207.2	-	-	207.2
177.2	-	-	196.2	-	-	185.2
190.3	-	-	184.1	-	-	167.6
203.4	-	-	169.8	154.3	-	152.1
216.5	-	-	-	143.3	-	136.7
229.7	-	-	-	133.4	-	125.7
242.8	-	-	-	125.7	-	114.6
255.9	-	-	-	-	105.8	103.6
269.0	-	-	-	-	99.2	94.8
282.2	-	-	-	-	93.5	86.0
295.3	-	-	-	-	-	77.2
308.4	-	-	-	-	-	70.5
321.5	-	-	-	-	-	61.7
334.6	-	-	-	-	-	50.7
347.8	-	-	-	-	-	41.9
360.9	-	-	-	-	-	-
374.0	-	-	-	-	-	-

Remarks: see page 46

**SWSL / SFSL 15° / HSWSL LIFTING CAPACITIES**

27.6 ft 36.1 – 49.2 ft

360°

DIN/ISO

236.2 ft + 196.9 ft

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

236.2 ft + 236.2 ft

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

Remarks

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

For HSWSL a boom power-kit is required

**SWSL / SFSL 15° / HSWSL** LIFTING CAPACITIES

27.6 ft 36.1 – 49.2 ft

360°

DIN/ISO

236.2 ft + 275.6 ft

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

275.6 ft + 118.1 ft

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

Remarks

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

For HSWSL a boom power-kit is required

**SWSL / SFSL 15° / HSWSL LIFTING CAPACITIES**

27.6 ft 36.1 – 49.2 ft

360°

DIN/ISO

275.6 ft + 157.5 ft

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

275.6 ft + 196.9 ft

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

Remarks

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

For HSWSL a boom power-kit is required

**DEMAG CC2800-1**
CRAWLER CRANE**SWSL / SFSL 15° / HSWSL LIFTING CAPACITIES**

27.6 ft 36.1 – 49.2 ft

360°

DIN/ISO

275.6 ft + 236.2 ft

	SWSL					SFSL	HSWSL
	0 t					0 lb – 551,300 lb	
	396.8klb + 132.3klb ZB					352,700 lb	
	85°	85°	75°	65°	55°	85°	
ft	1,000 lb						
111.5	105.8	108.0	-	-	-	-	129.0
124.7	100.1	108.0	-	-	-	105.8	126.8
137.8	85.8	105.8	-	-	-	105.8	122.4
150.9	74.1	103.6	-	-	-	105.8	119.0
164.0	63.9	99.2	-	-	-	105.8	115.7
177.2	55.6	97.0	-	-	-	105.8	111.3
190.3	48.5	92.6	-	-	-	105.8	108.0
196.9	45.4	91.5	103.6	-	-	105.8	106.0
203.4	42.3	90.4	103.6	-	-	105.8	104.1
216.5	37.0	86.0	101.4	-	-	101.4	100.3
229.7	32.4	83.8	101.4	-	-	99.2	96.3
242.8	28.4	81.6	99.2	-	-	97.0	92.6
255.9	25.1	79.4	97.0	-	-	92.6	88.8
259.2	-	-	95.9	-	-	90.9	87.7
269.0	-	-	94.8	-	-	86.0	-
275.6	-	-	92.6	78.0	-	81.6	-
282.2	-	-	90.4	78.0	-	77.2	-
295.3	-	-	88.2	77.4	-	75.0	-
308.4	-	-	86.0	75.4	-	70.5	-
321.5	-	-	-	73.0	-	61.7	-
334.6	-	-	-	69.2	-	55.1	-
347.8	-	-	-	65.3	50.5	48.5	-
360.9	-	-	-	-	47.4	44.1	-
374.0	-	-	-	-	44.5	37.5	-
387.1	-	-	-	-	41.9	33.1	-
393.7	-	-	-	-	40.6	29.8	-
400.3	-	-	-	-	-	26.5	-
413.4	-	-	-	-	-	22.0	-
426.5	-	-	-	-	-	15.4	-
439.6	-	-	-	-	-	11.0	-
452.8	-	-	-	-	-	-	-
465.9	-	-	-	-	-	-	-
479.0	-	-	-	-	-	-	-

275.6 ft + 275.6 ft

	SWSL					SFSL	HSWSL
	0 t					0 lb – 551,300 lb	
	396.8klb + 132.3klb ZB					352,700 lb	
	85°	85°	75°	65°	55°	85°	
ft	1,000 lb						
121.4	-	-	-	-	-	-	98.1
124.7	83.8	88.2	-	-	-	-	98.1
137.8	80.9	88.2	-	-	-	83.8	96.6
150.9	69.7	86.0	-	-	-	83.8	94.6
164.0	60.2	83.8	-	-	-	83.8	92.4
177.2	52.5	81.6	-	-	-	83.8	89.9
190.3	45.4	79.4	-	-	-	83.8	87.3
203.4	39.2	77.2	-	-	-	83.8	84.9
216.5	34.0	75.0	81.6	-	-	83.8	82.2
229.7	29.3	72.8	81.6	-	-	81.6	79.6
242.8	25.1	70.5	81.6	-	-	81.6	76.9
255.9	21.6	68.3	81.6	-	-	79.4	74.3
269.0	18.5	63.9	79.4	-	-	77.2	71.7
282.2	15.7	61.7	77.2	-	-	75.0	69.0
295.3	13.2	59.5	77.2	-	-	70.5	66.6
298.6	-	-	76.1	-	-	68.3	65.9
301.8	-	-	75.0	58.4	-	66.1	-
308.4	-	-	75.0	58.4	-	61.7	-
321.5	-	-	72.8	58.4	-	55.1	-
334.6	-	-	68.3	57.5	-	52.9	-
341.2	-	-	54.5	56.9	-	51.8	-
347.8	-	-	-	56.2	-	50.7	-
360.9	-	-	-	54.5	-	44.1	-
374.0	-	-	-	52.2	-	39.7	-
380.6	-	-	-	51.4	38.1	36.4	-
387.1	-	-	-	50.3	36.8	33.1	-
400.3	-	-	-	-	34.4	28.7	-
413.4	-	-	-	-	32.0	24.3	-
426.5	-	-	-	-	30.0	19.8	-
433.1	-	-	-	-	29.1	16.5	-
439.6	-	-	-	-	-	13.2	-
452.8	-	-	-	-	-	8.8	-
465.9	-	-	-	-	-	-	-

Remarks

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

For HSWSL a boom power-kit is required

**SWSL / SFSL15° / HSWSL LIFTING CAPACITIES**

27.6 ft 36.1 – 49.2 ft

360°

DIN/ISO

315.0 ft + 118.1 ft

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

315.0 ft + 157.5 ft

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

Remarks

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

For HSWSL a boom power-kit is required

**DEMAG CC2800-1**
CRAWLER CRANE**SWSL / SFSL 15° / HSWSL LIFTING CAPACITIES**

27.6 ft 36.1 – 49.2 ft

360°

DIN/ISO

315.0 ft + 196.9 ft

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

315.0 ft + 236.2 ft

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

Remarks

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

For HSWSL a boom power-kit is required

**SWSL / SFSL 15° / HSWSL LIFTING CAPACITIES**

27.6 ft

36.1 – 49.2 ft

360°

DIN/ISO

315.0 ft + 275.6 ft

	SWSL					SFSL	HSWSL
	0 t					0 lb – 551,300 lb	
	396.8 klb + 132.3 klb ZB					352,700 lb	
	85°	85°	75°	65°	55°	85°	
ft	1,000 lb						
124.7	60.2	60.2	-	-	-	-	73.4
137.8	60.2	60.2	-	-	-	61.1	73.4
150.9	57.5	57.5	-	-	-	60.0	73.4
164.0	54.2	55.1	-	-	-	58.4	71.0
177.2	47.0	52.9	-	-	-	57.3	68.6
190.3	40.6	50.7	-	-	-	57.3	65.9
203.4	35.3	48.5	-	-	-	57.3	63.5
216.5	30.6	46.3	-	-	-	55.1	60.8
223.1	28.5	46.3	52.9	-	-	55.1	59.6
229.7	26.5	46.3	52.9	-	-	55.1	58.4
242.8	22.5	44.1	52.9	-	-	52.9	56.0
255.9	19.0	41.9	50.7	-	-	50.7	53.8
269.0	15.9	39.7	50.7	-	-	50.7	51.6
282.2	13.2	37.5	48.5	-	-	48.5	49.2
295.3	10.8	37.5	46.3	-	-	46.3	47.0
301.8	-	-	46.3	-	-	46.3	45.9
308.4	-	-	44.1	-	-	46.3	-
315.0	-	-	44.1	34.2	-	45.2	-
321.5	-	-	44.1	34.2	-	44.1	-
334.6	-	-	40.8	33.7	-	41.9	-
347.8	-	-	32.0	32.4	-	39.7	-
354.3	-	-	31.1	31.5	-	38.6	-
360.9	-	-	-	30.6	-	37.5	-
374.0	-	-	-	28.9	-	24.0	-
387.1	-	-	-	27.3	-	-	-
400.3	-	-	-	25.6	20.9	-	-
406.8	-	-	-	24.7	20.9	-	-
413.4	-	-	-	-	20.7	-	-
426.5	-	-	-	-	19.2	-	-
439.6	-	-	-	-	17.2	-	-
452.8	-	-	-	-	15.2	-	-

315.0 ft + 315.0 ft

	SWSL					SFSL	HSWSL
	0 t					0 lb – 551,300 lb	
	396.8 klb + 132.3 klb ZB					352,700 lb	
	85°	85°	75°	65°	55°	85°	
ft	1,000 lb						
137.8	42.8	42.8	-	-	-	-	-
150.9	42.8	42.8	-	-	-	43.7	-
164.0	40.8	41.9	-	-	-	42.8	-
177.2	39.7	39.7	-	-	-	41.9	-
190.3	37.3	39.7	-	-	-	41.9	-
203.4	32.0	37.5	-	-	-	41.9	-
216.5	27.3	35.3	-	-	-	41.9	-
229.7	23.4	35.3	-	-	-	39.7	-
242.8	19.8	33.1	37.5	-	-	39.7	-
255.9	16.5	33.1	37.5	-	-	39.7	-
269.0	13.9	30.9	37.5	-	-	37.5	-
282.2	11.2	28.7	37.5	-	-	35.3	-
295.3	-	28.7	35.3	-	-	35.3	-
308.4	-	26.5	35.3	-	-	33.1	-
321.5	-	24.3	33.1	-	-	33.1	-
334.6	-	24.3	32.0	-	-	30.9	-
341.2	-	-	30.9	20.9	-	30.9	-
347.8	-	-	30.9	20.9	-	30.9	-
360.9	-	-	29.8	20.5	-	28.7	-
374.0	-	-	27.6	19.6	-	28.7	-
387.1	-	-	19.2	18.5	-	26.5	-
393.7	-	-	18.3	17.9	-	25.2	-
400.3	-	-	-	17.2	-	24.0	-
413.4	-	-	-	16.1	-	-	-
426.5	-	-	-	14.8	9.7	-	-
439.6	-	-	-	13.7	9.5	-	-
446.2	-	-	-	13.0	9.3	-	-
452.8	-	-	-	-	9.0	-	-
465.9	-	-	-	-	-	-	-
479.0	-	-	-	-	-	-	-
492.2	-	-	-	-	-	-	-

Remarks

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

For HSWSL a boom power-kit is required



SWSL / SFSL15° / HSWSL LIFTING CAPACITIES

27.6 ft 36.1 – 49.2 ft 360° DIN/ISO

354.3 ft + 118.1 ft

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

354.3 ft + 157.5 ft

SWSL							SFSL	HSWSL
0 t							0 lb – 551,300 lb	
396.8klb + 132.3klb ZB							352,700 lb	
ft	85°	85°	75°	65°	55°	85°		
1,000 lb								
91.9	94.4	97.4	-	-	-	-	-	126.8
98.4	94.4	97.4	-	-	-	-	107.8	126.8
111.5	90.4	92.8	-	-	-	-	106.3	119.0
124.7	86.0	88.2	-	-	-	-	103.2	112.4
137.8	81.8	83.6	-	-	-	-	100.1	106.5
150.9	75.2	78.7	-	-	-	-	96.6	99.9
164.0	65.9	74.7	-	-	-	-	92.6	94.1
177.2	58.0	71.0	-	-	-	-	88.6	88.6
183.7	54.7	69.0	84.7	-	-	-	86.5	85.8
190.3	51.4	67.0	84.7	-	-	-	84.4	82.9
203.4	-	-	79.6	-	-	-	79.8	-
216.5	-	-	74.3	-	-	-	75.4	-
229.7	-	-	69.2	-	-	-	70.8	-
242.8	-	-	64.2	-	-	-	66.1	-
249.3	-	-	61.7	-	-	-	63.8	-
255.9	-	-	-	-	-	-	61.5	-
262.5	-	-	-	55.3	-	-	59.2	-
269.0	-	-	-	54.9	-	-	56.9	-
282.2	-	-	-	52.2	-	-	52.2	-
295.3	-	-	-	48.1	-	-	46.7	-
308.4	-	-	-	44.1	-	-	42.1	-
334.6	-	-	-	-	31.3	-	-	-
347.8	-	-	-	-	30.4	-	-	-
360.9	-	-	-	-	27.6	-	-	-
374.0	-	-	-	-	-	-	-	-

354.3 ft + 196.9 ft

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

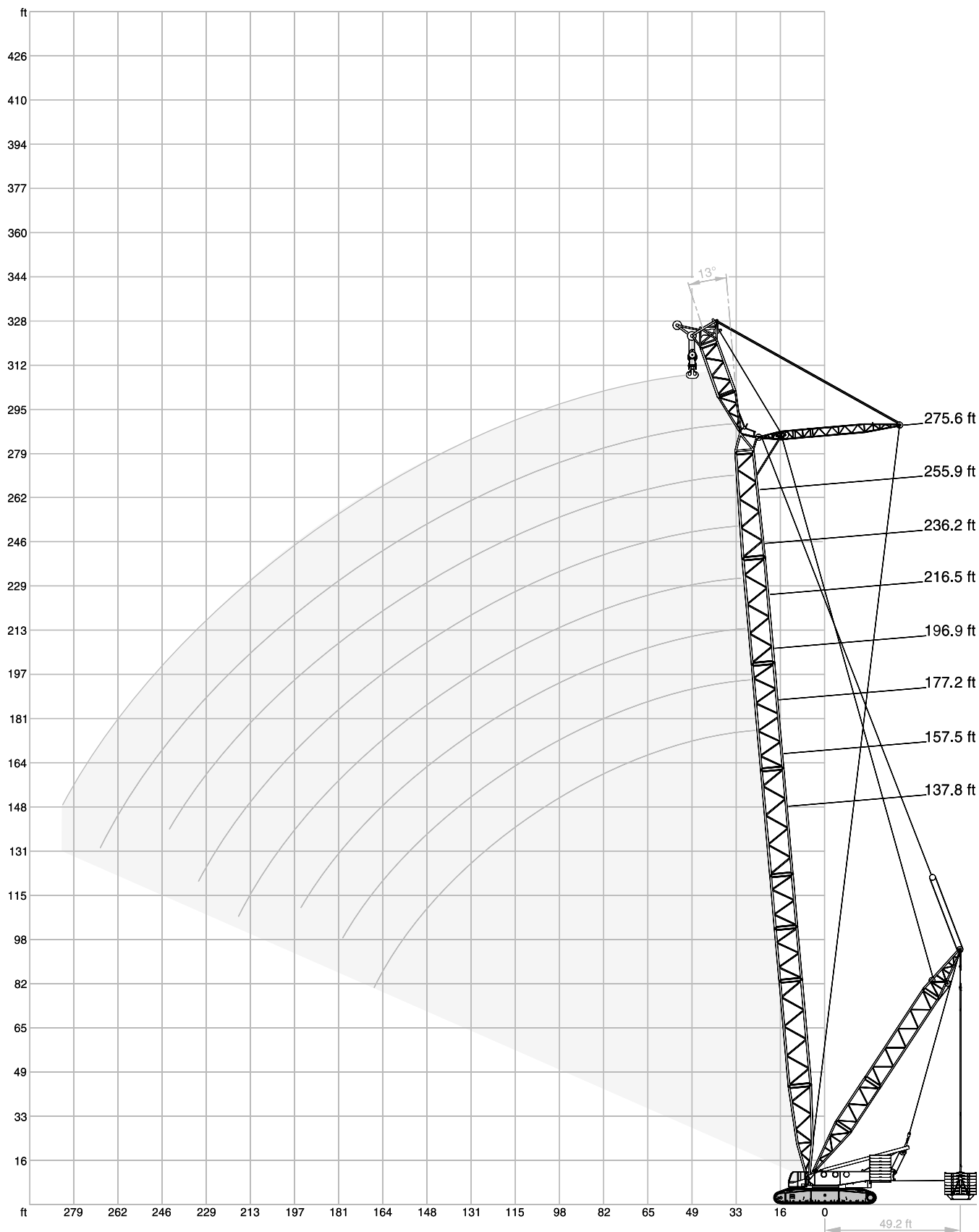
Remarks

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



SFVL / LFVL WORKING RANGES

13°



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

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

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

**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.
Assembly jacks	Four hydraulic jacking cylinders on carbody (folding within 9.8 ft width) for easy assembly of crawlers.

SUPERSTRUCTURE

Counterweight	352,700 lb / 396,800 lb as option in combination with central ballast.
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 1800 1/min, torque 2400 Nm at 1300 1/min. The engine complies with EUROMOT 3a, EPA T3 and Carb regulations. Pump distribution gearbox with five variable displacement axial piston pumps, and gear pumps. Silencer with spark-arrestor.
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.
A-frame	Hydraulic raising system for A-frame as standard.
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 system	Demag IC-1: Electronic proportional valve pilot control integrated in stored-program control system incl. diagnostics. 2 colour monitors, rated capacity limiter operated via a touchscreen. Working speeds infinitely variable controlled by the lever position. Automatic power control for optimal utilisation of engine output, emergency control system.
Cabin	Comfortable cab with large windscreen and airconditioner. Laminated glass all around, roof window, self-contained hot air heater, full instrumentation and crane controls. The cab can be tilted back for improved operator view of boom point. A camera system is installed to monitor the rope drums. For transportation, the cab swings in front of the superstructure to minimise width.
Electrical equipment	24 V d. c. system (2 x batteries 12 V, 200 Ah).

OPTIONAL EQUIPMENT

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



DEMAG CC2800-1
CRAWLER CRANE

TECHNICAL DESCRIPTION

BOOM CONFIGURATIONS S AND L

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

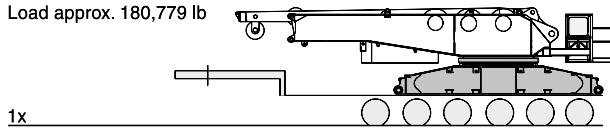
OPTIONAL EQUIPMENT

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



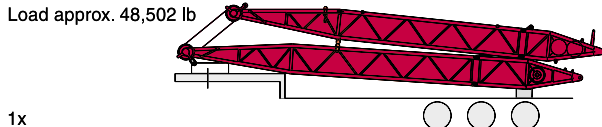
TRANSPORT EXAMPLE FOR CC 2800-1

Load approx. 180,779 lb



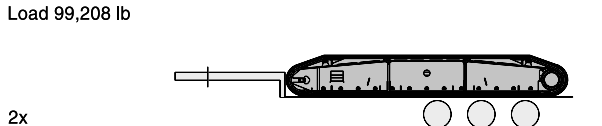
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Load approx. 48,502 lb



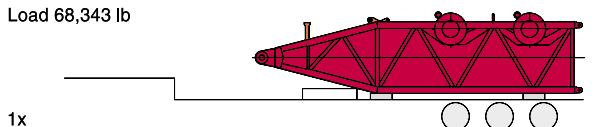
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Load 99,208 lb



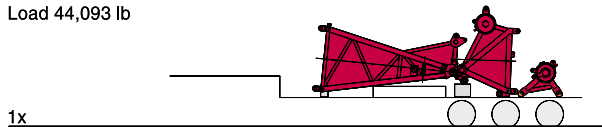
2x

Load 68,343 lb



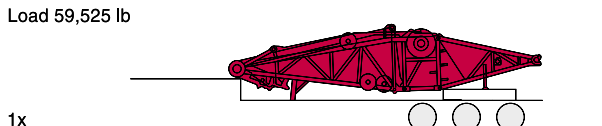
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Load 44,093 lb



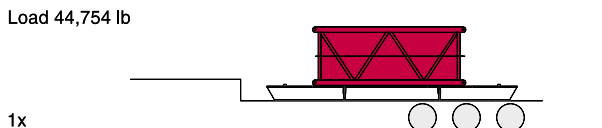
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Load 59,525 lb



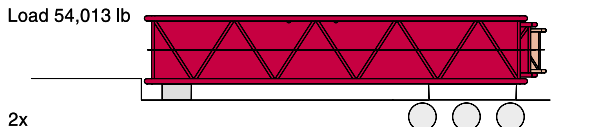
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Load 44,754 lb



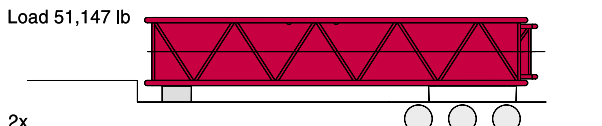
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Load 54,013 lb



2x

Load 51,147 lb



2x

☐ Superlift counterweight

☒ Basic crane

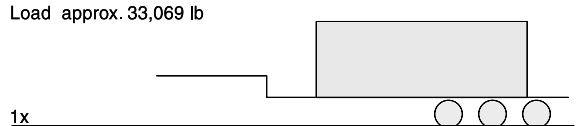
☒ Boom combination SWSL 275.6 + 275.6 ft

☐ Containers, boxes, etc.

☒ Boom combination LF2 118.1 ft

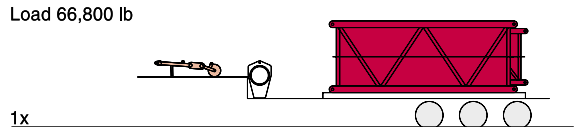
☐ Trucks

Load approx. 33,069 lb



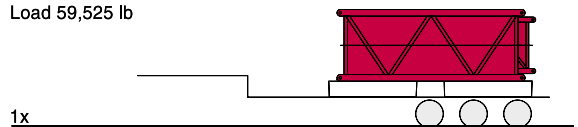
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Load 66,800 lb



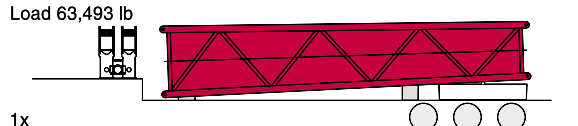
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Load 59,525 lb



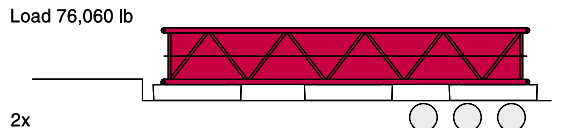
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Load 63,493 lb



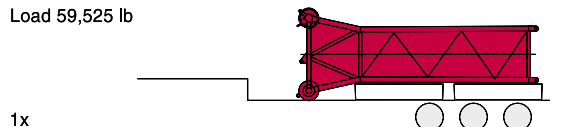
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Load 76,060 lb



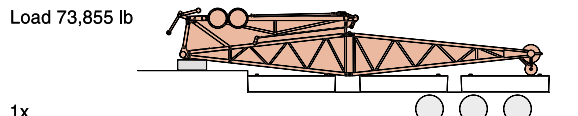
2x

Load 59,525 lb



1x

Load 73,855 lb



1x

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



NOTES TO LIFTING CAPACITY

Ratings are in compliance with ISO 4305 and DIN 15019.2 (test load = 1.25 x suspended load + 0.1 x dead weight of boom head).
Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.

Consult operation manual for further details.

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

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



DEMAG CC2800-1
CRAWLER CRANE

Effective Date: April 2007.

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