



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



# DEMAG CC2800-1

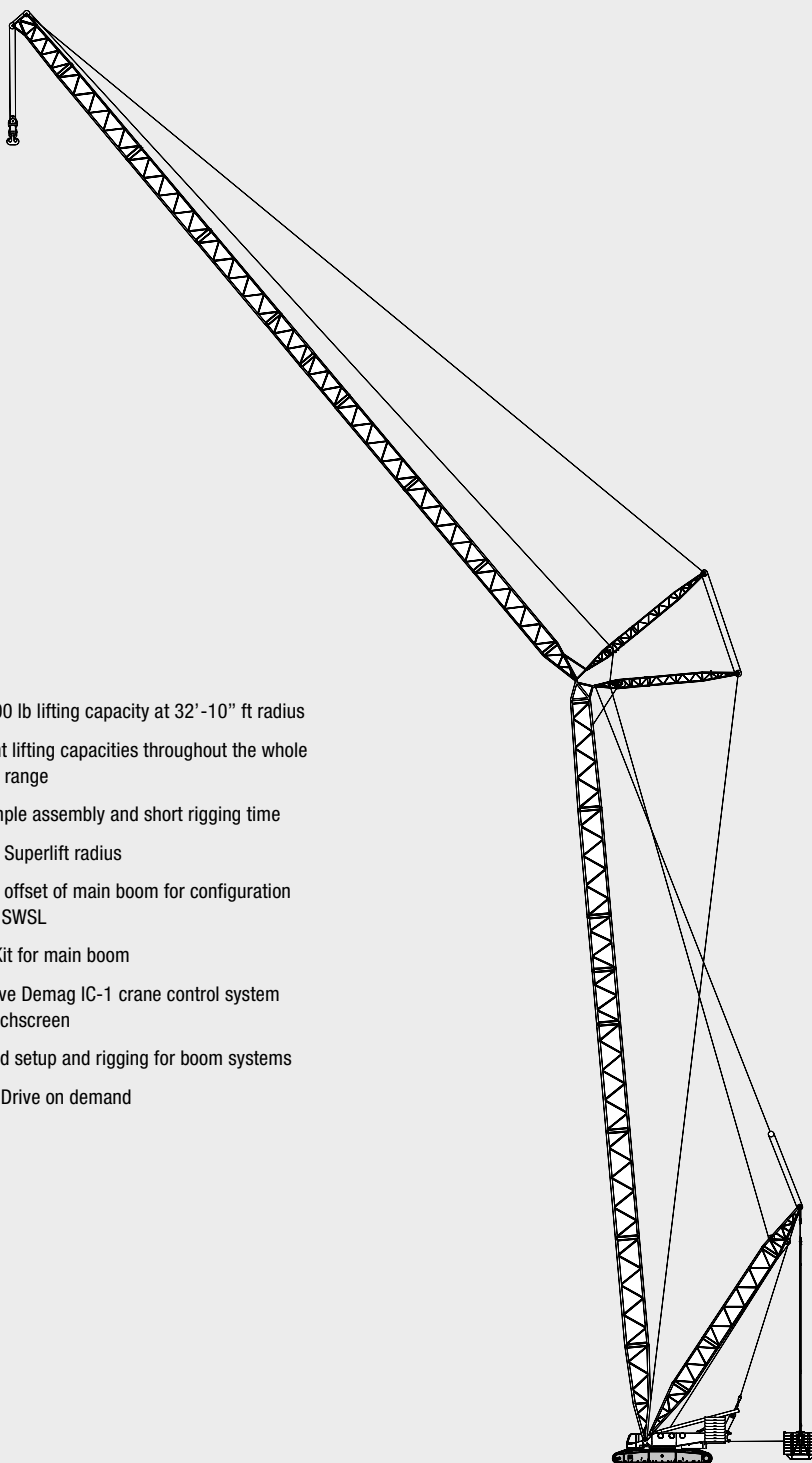
## CRAWLER CRANE



# 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





**DEMAG CC2800-1**  
CRAWLER CRANE

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## SPECIFICATIONS

### WORKING SPEEDS (INFINITELY VARIABLE)

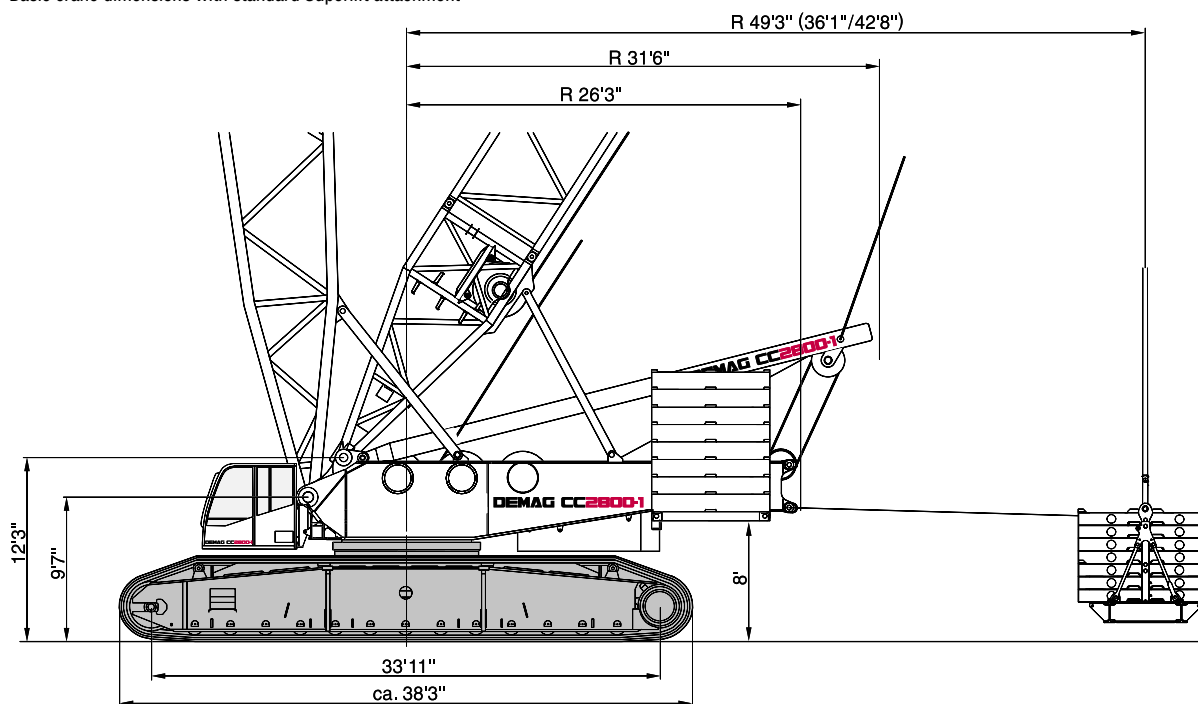
Mechanisms	Rope $\phi$	Speeds <sup>1)</sup>	Single line pull	Length of hoist rope
Hoist I (H1)	1 3/32"	max. 394 ft/min	35,520 lb / 31,698 lb <sup>2)</sup>	2953'
Hoist II (H2)	1 3/32"	max. 394 ft/min	35,520 lb / 31,698 lb <sup>2)</sup>	2953'
Boom derricking (W2)	1 3/32"	max. 394 ft/min		
Boom hoist (E)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

1) top layer

2) without / with reeving effect considered

### BASIC CRANE DIMENSIONS

Basic crane dimensions with standard Superlift attachment



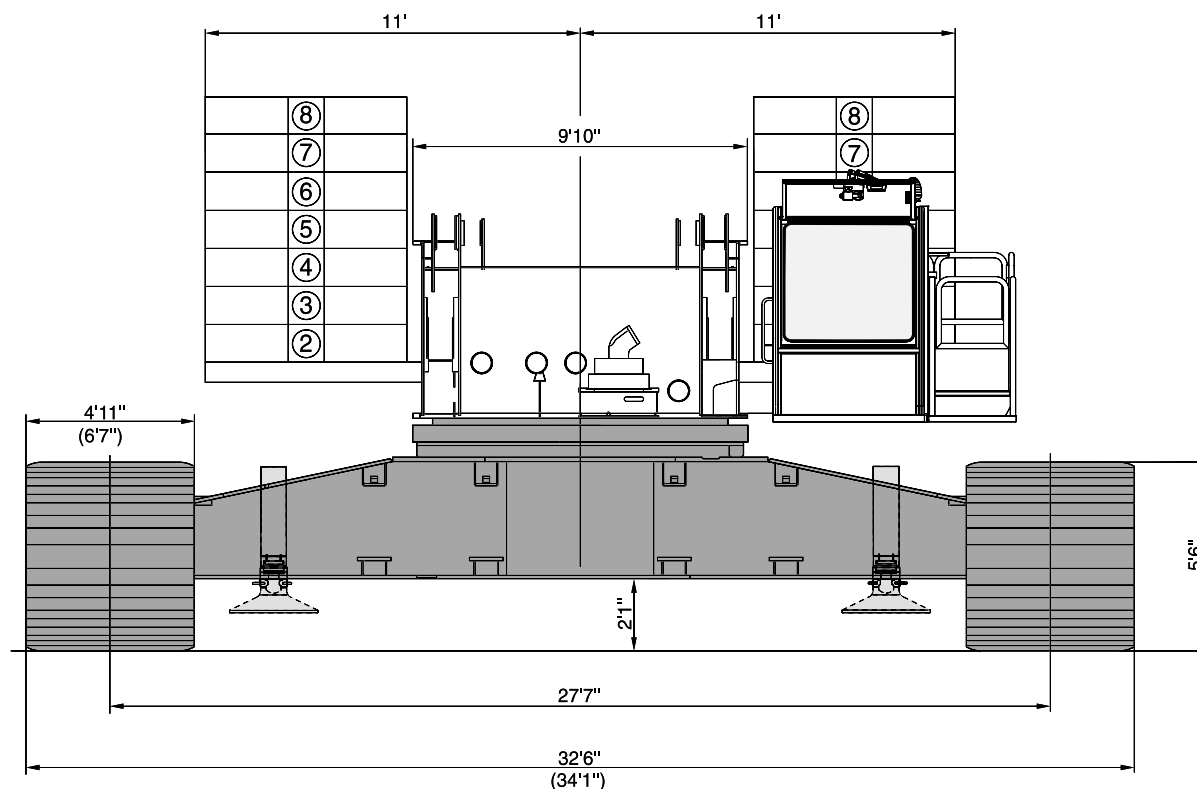

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**SPECIFICATIONS**
**CARRIER PERFORMANCE WITH STANDARD DRIVE**

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

**HOOK BLOCKS**

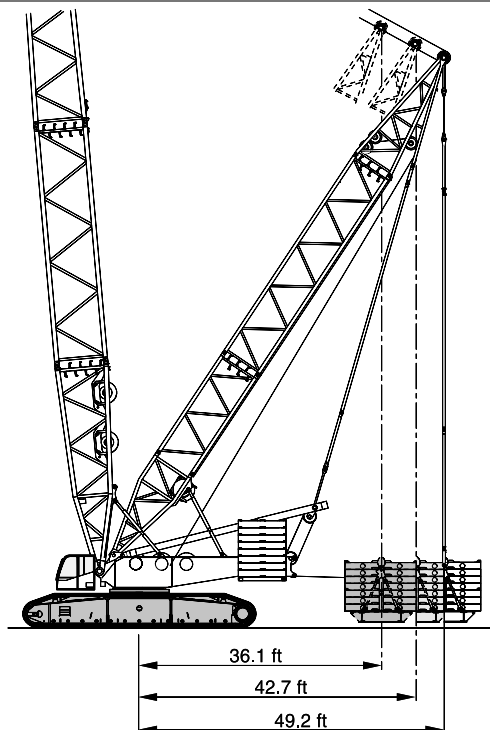
Type	Possible load	Number of sheaves	Number of lines	Weight	„D“
2 x 300	1323,000 lb 545,000 lb	2 x 11 11	2 x 22 17	22,900 lb – 26,500 lb 15,700 lb – 17,400 lb	16'-5" 17'-9"
2 x 200	882,000 lb 432,000 lb	2 x 7 7	2 x 14 13	18,100 lb – 22,100 lb 11,700 lb – 13,700 lb	16'-5" 17'-9"
160	353,000 lb	5	11	7,280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



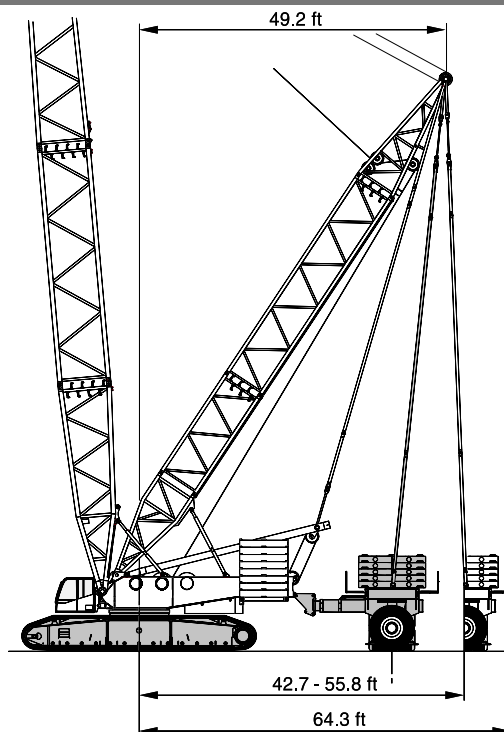
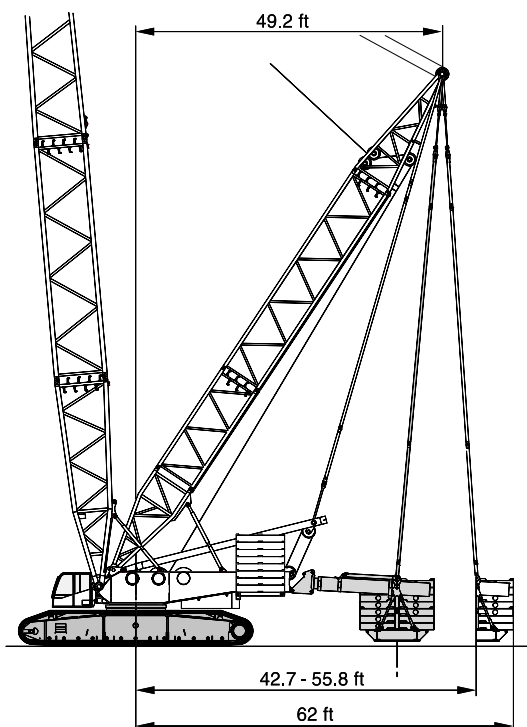


## SUPERLIFT CONFIGURATIONS

STANDARD-SL 36.1 ft, 42.7 ft, 49.2 ft



TELE-SL 42.7 ft – 55.8 ft





## DEMAG CC2800-1 CRAWLER CRANE

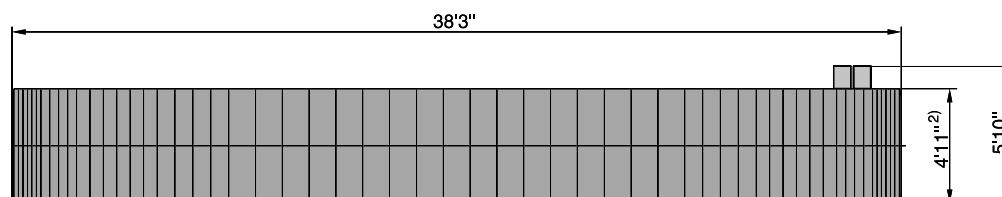
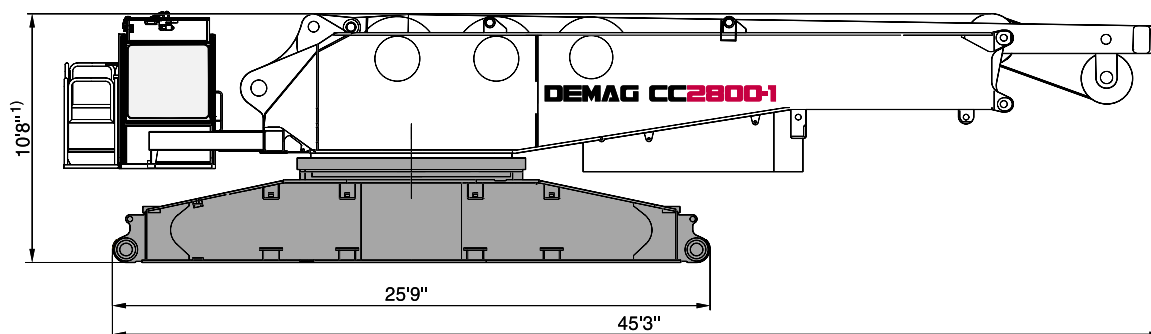
### SPECIFICATIONS

#### 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

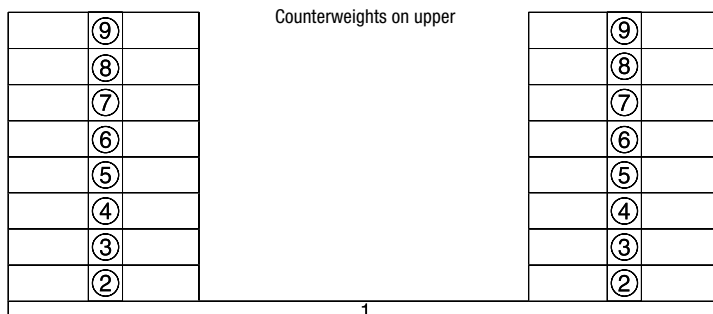
Ground pressure, based on 794,000 lb total weight	20.3 lb / inch
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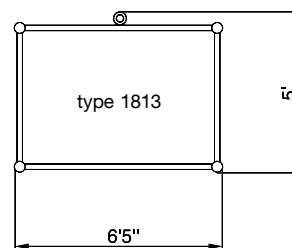
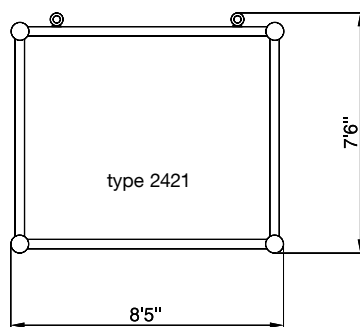
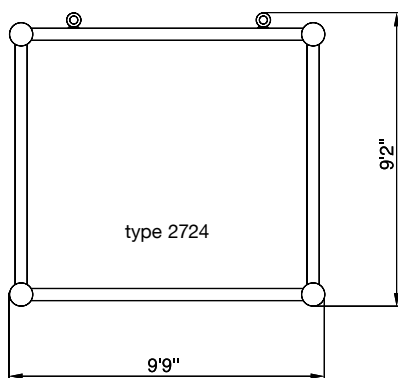
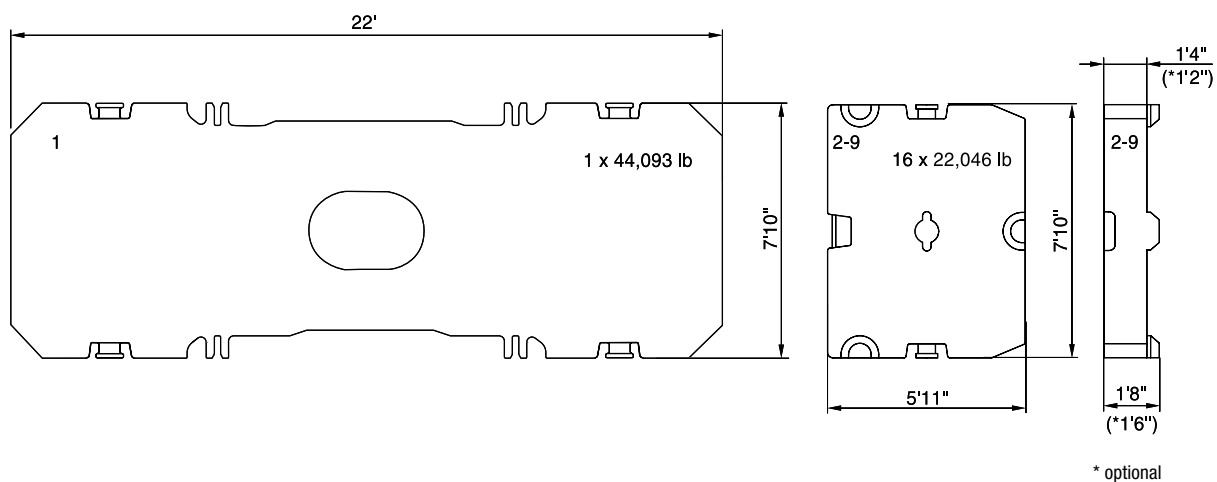
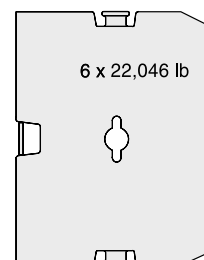
- 1) With quick-connection 11'-4 1/2"  
2) optional 6'-7"



## SPECIFICATIONS



Central ballast (ZB)








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## 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

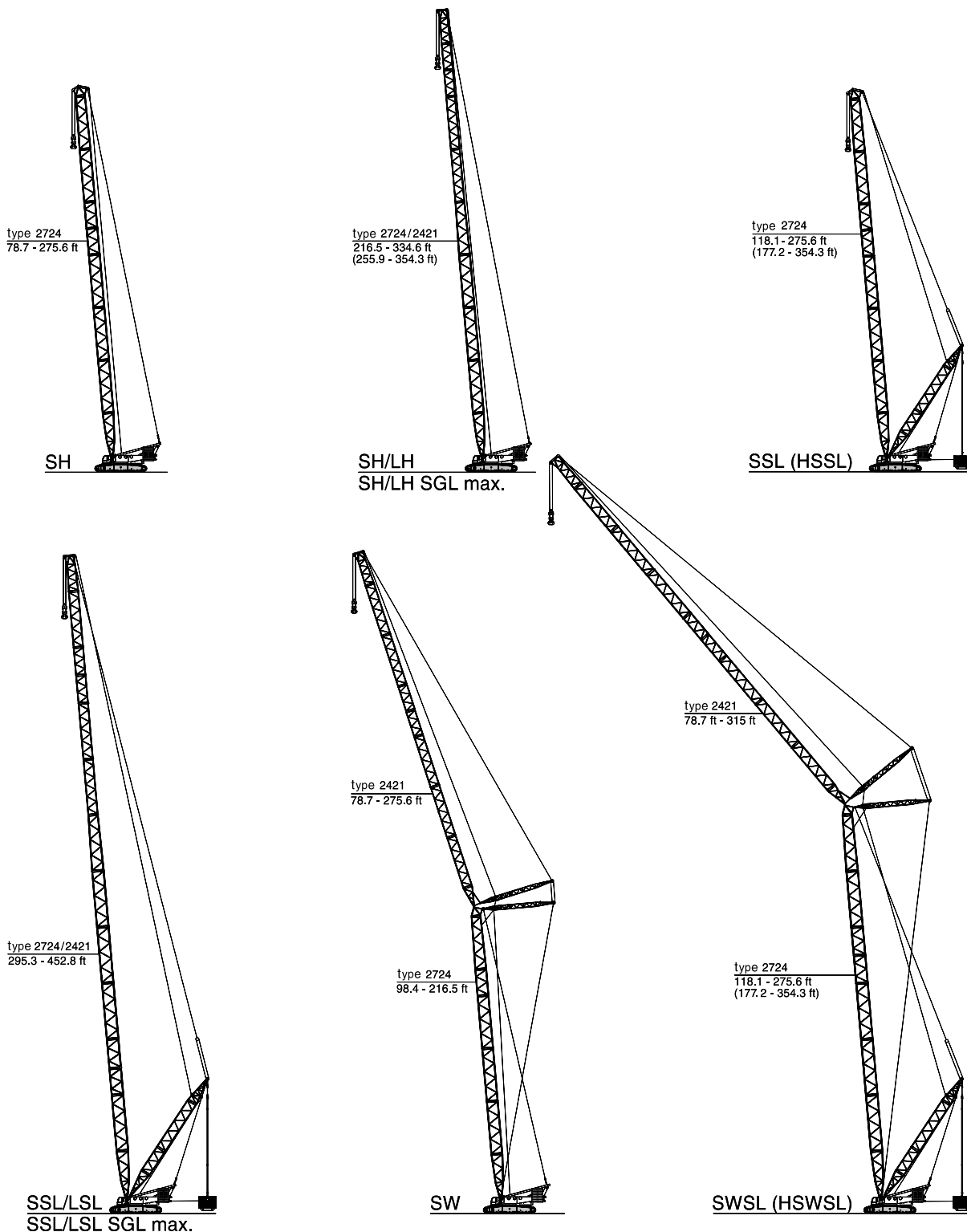
F: Fixed fly jib

SL: Superlift

SGL: Heavy base length



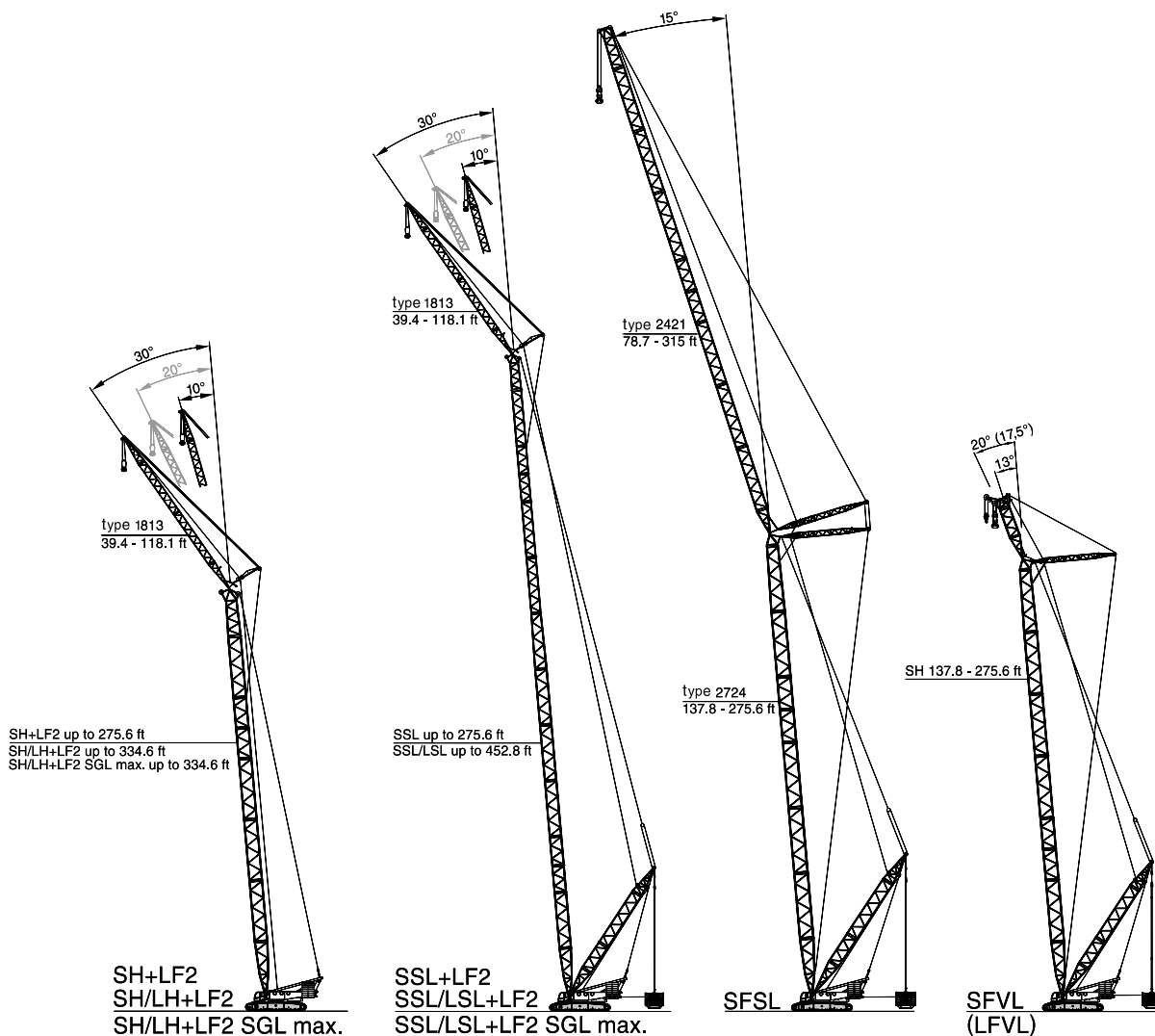
## BOOM COMBINATIONS





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## 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	–	–	–	–	–	–	–
SSL+LF2	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	–	–	–	–	–	–	–
	39.4	–	–	0	0	0	0	0	0	0	12	56	–	–	–	–	–	–	–
	39.4	–	–	–	–	–	0	0	0	0	23	78	111	166	210	265	–	–	–
HSSL+LF2	39.4	–	–	–	–	–	–	–	–	–	–	–	89	122	166	188	232	265	309
SSL/LSL+LF2	39.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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

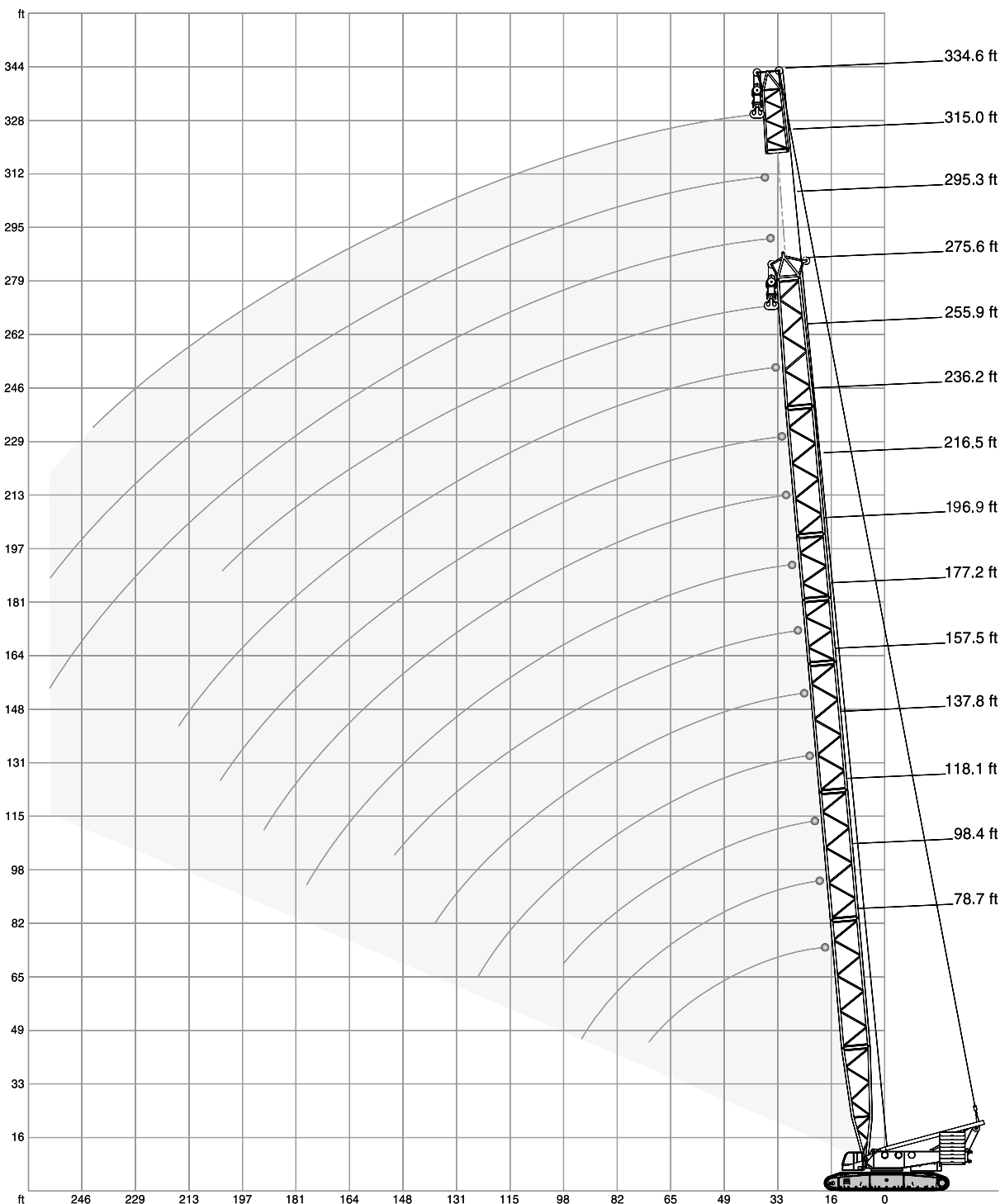
Values for LF with 10° jib offset; values may differ for other offsets

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.



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CRAWLER CRANE

## SH, SH/LH WORKING RANGES





## SH LIFTING CAPACITIES

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

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



352,700 lb 27.6 ft 360° DIN/ISO



ft	78.7 ft	98.4 ft	118.1 ft	137.8 ft	157.5 ft	177.2 ft	196.9 ft	216.5 ft	236.2 ft	255.9 ft	275.6 ft	ft
23.0	934.8	1029.6	1119.9	-	-	-	-	-	-	-	-	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	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	-	-	-	-	-	-	-

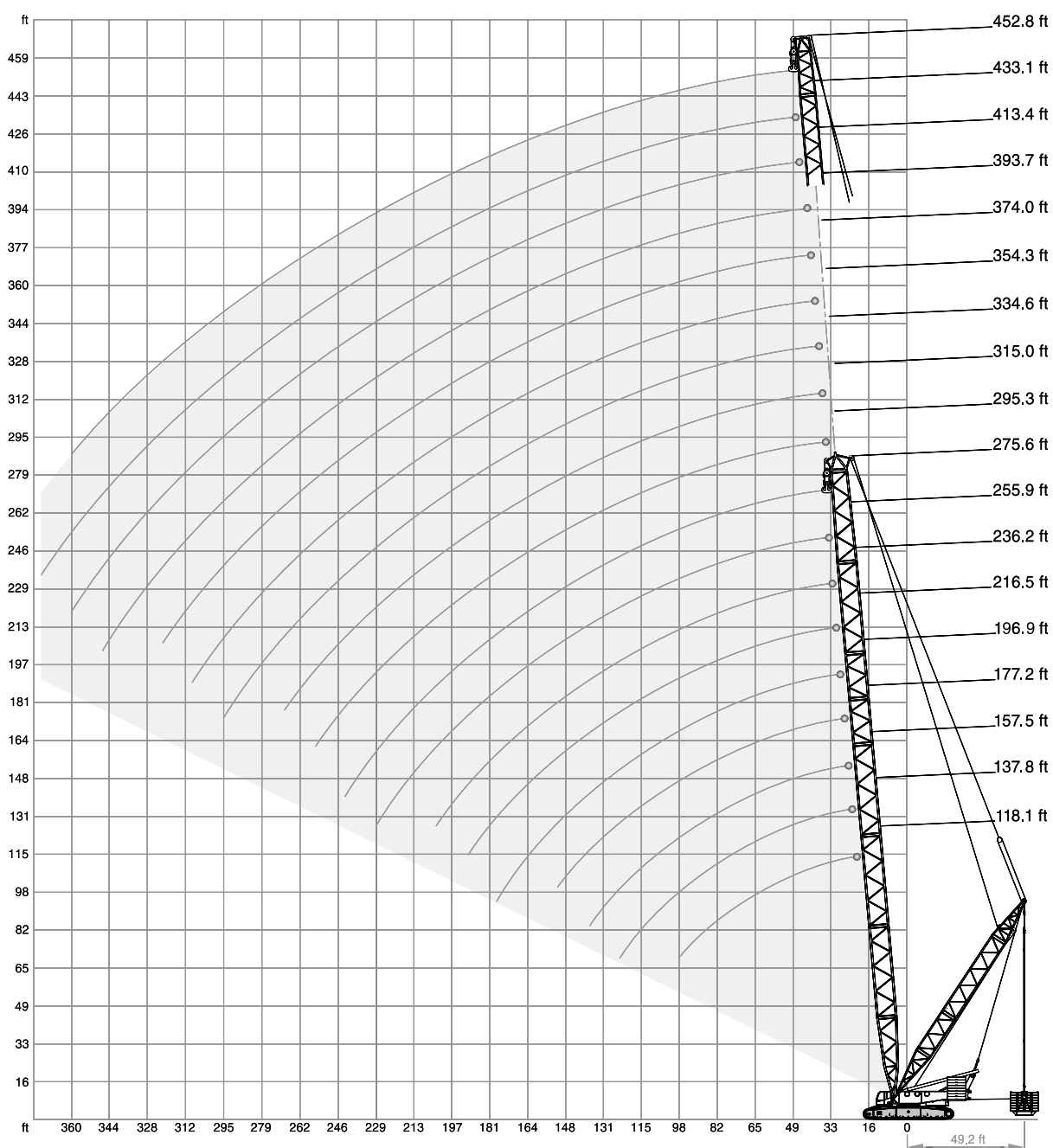
### Remarks

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

2



## 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

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

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

### Remarks

For HSSL a boom power-kit is required

2



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

2

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



## SSL/LSL LIFTING CAPACITIES

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

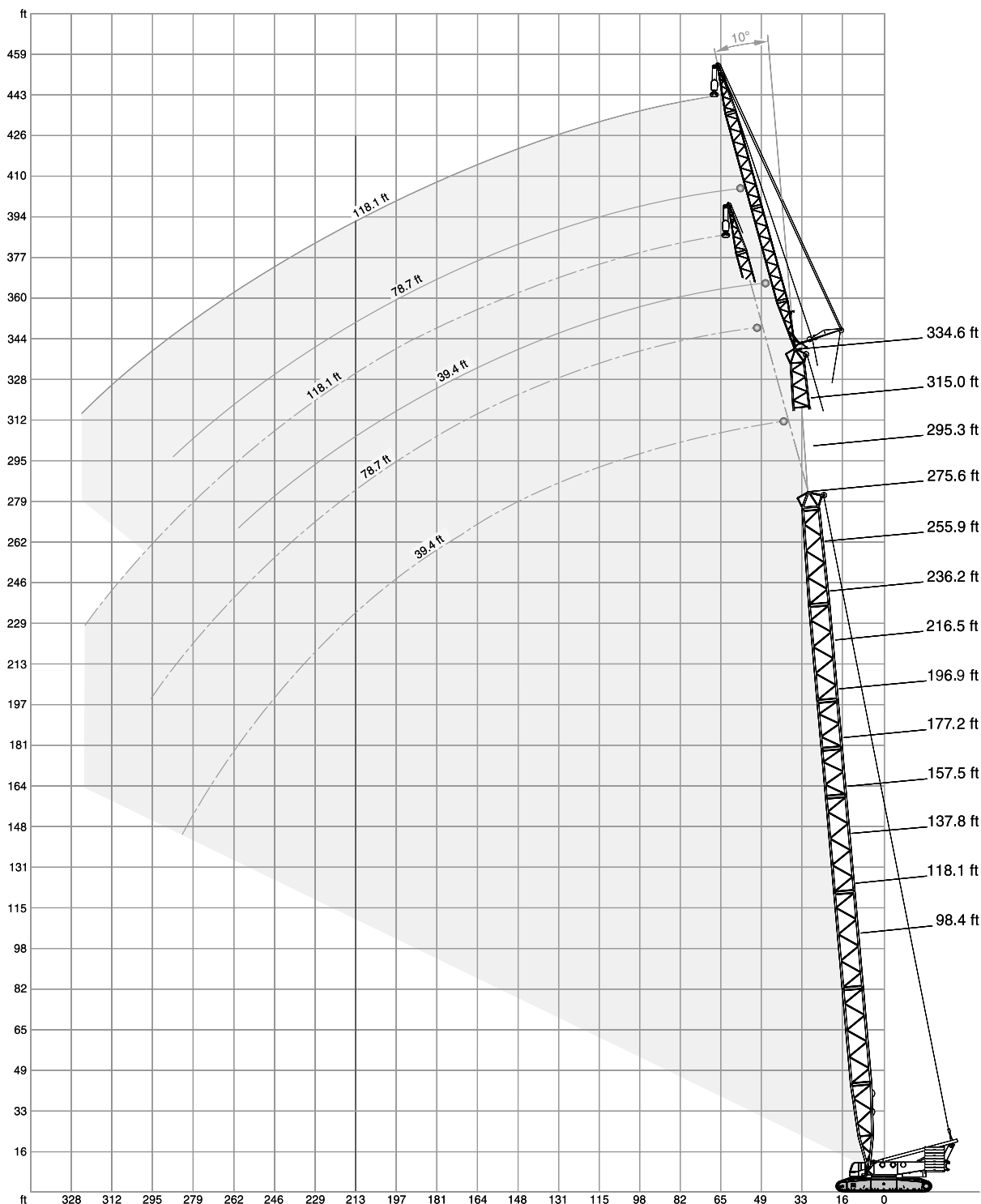
### Remarks (page 19 + 20)

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°
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
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
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
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
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
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
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
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
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
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
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
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
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
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
137.8	-	-	-	93.3	86.6	78.9	89.9	90.4	83.6	86.6	87.3	87.7	84.0	84.7
141.1	-	-	-	90.3	85.5	78.0	87.1	87.5	82.5	83.8	84.4	84.8	81.1	81.7
147.6	-	-	-	84.4	83.1	-	81.4	81.8	80.2	78.0	78.5	79.0	75.4	75.9
150.9	-	-	-	-	-	-	78.5	78.9	79.1	75.2	75.6	76.1	72.5	73.0
157.5	-	-	-	-	-	-	73.9	74.2	74.1	70.4	70.9	71.2	67.8	68.2
164.0	-	-	-	-	-	-	69.2	69.4	-	65.7	66.1	66.4	63.1	63.5
173.9	-	-	-	-	-	-	-	-	-	59.7	60.0	60.2	56.8	57.2
177.2	-	-	-	-	-	-	-	-	-	57.8	58.0	-	54.7	55.1
180.4	-	-	-	-	-	-	-	-	-	56.0	56.2	-	52.9	53.4
190.3	-	-	-	-	-	-	-	-	-	-	-	-	47.6	48.1
196.9	-	-	-	-	-	-	-	-	-	-	-	-	44.5	44.8
200.1	-	-	-	-	-	-	-	-	-	-	-	-	-	43.2
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**DEMAG CC2800-1**  
CRAWLER CRANE


## 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°			
		1,000 lb																	
ft																			
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	-	-	-	-	-			

3



## 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			
	10°	15°	20°	10°	15°	20°	10°	SGLmax.	10°	SGLmax.	15°	SGLmax.	20°	SGLmax.	
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	SH/LH+LF2	SH/LH+LF2	SH/LH+LF2	SH/LH+LF2	SH/LH+LF2	SH/LH+LF2	SH/LH+LF2	SH/LH+LF2	SH/LH+LF2	
		LF2	SGLmax.	LF2	SGLmax.	LF2	SGLmax.	LF2	SGLmax.	LF2	SGLmax.	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	-	-	-	-	-	-	-

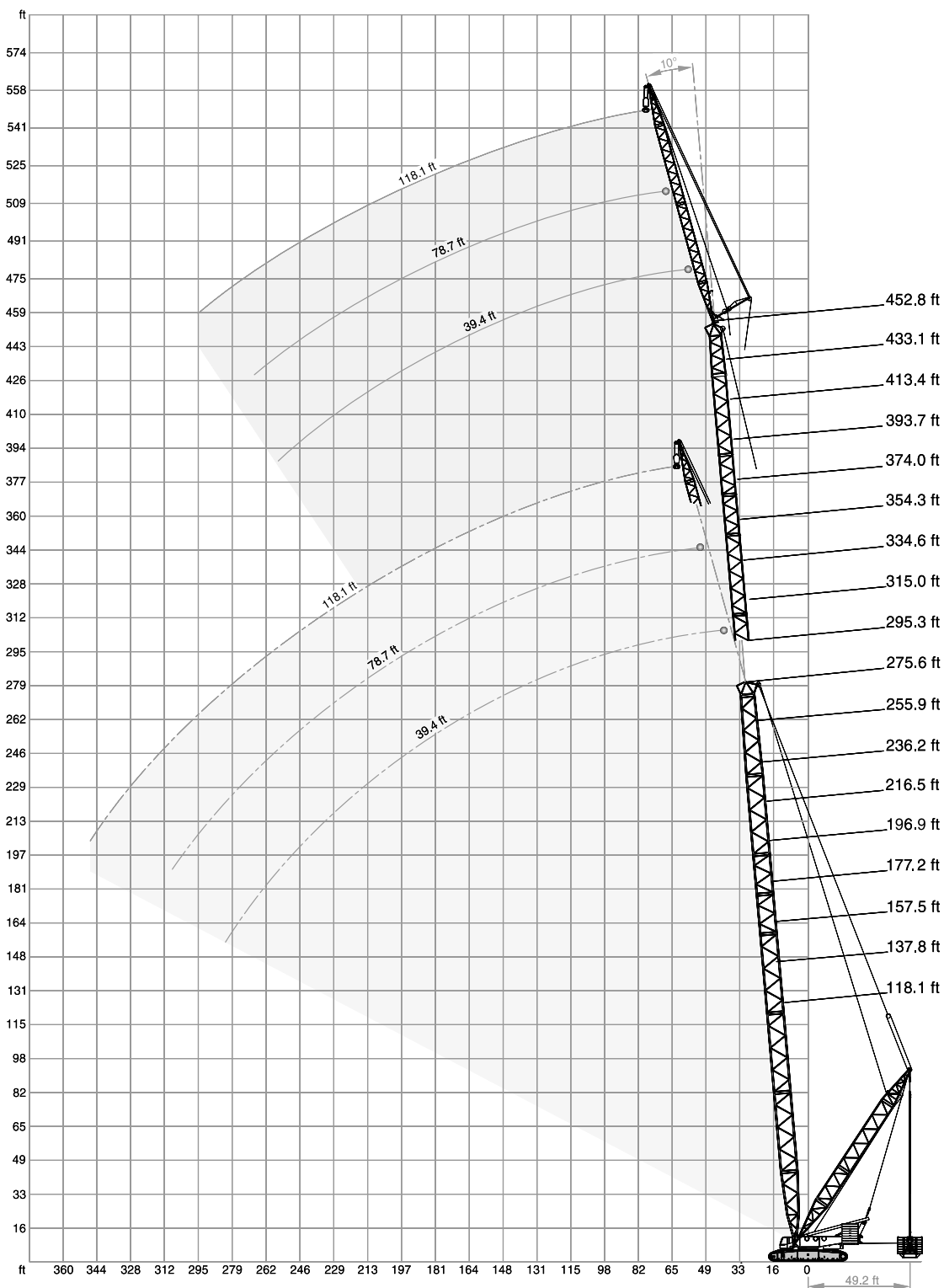
**Remarks:** For SH/LH+LF2 SGLmax. a boom power-kit is required

3



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

10°





**DEMAG CC2800-1**  
CRAWLER CRANE

## SSL+LF2 LIFTING CAPACITIES

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

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

3



ft	196.9 ft						216.5 ft					
	SSL	HSSL	SSL	HSSL	SSL	HSSL	SSL	HSSL	SSL	HSSL	SSL	HSSL
	10°	15°	20°	10°	15°	20°	10°	15°	20°	15°	20°	20°
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	
		10°		15°		20°		10°		15°		20°					
ft		1,000 lb															
39.4	275.6	275.6	-	-	-	-	-	-	-	-	-	-	-	-			
42.7	275.6	275.6	246.9	246.9	-	-	275.6	275.6	-	-	-	-	-	-			
45.9	275.6	275.6	238.1	238.1	183.0	183.0	275.6	275.6	242.5	242.5	-	-	-	-			
49.2	275.6	275.6	229.3	230.4	178.6	178.0	275.6	275.6	233.7	234.8	180.8	180.8					
52.5	275.6	275.6	222.7	222.7	173.1	173.1	275.6	275.6	227.1	227.1	176.4	176.4					
59.1	275.6	273.4	209.4	209.4	164.2	164.2	275.6	273.4	213.8	213.8	167.6	167.6					
65.6	255.7	255.7	197.3	197.3	156.5	156.5	264.6	266.8	201.7	201.7	159.8	159.8					
72.2	238.1	240.3	186.3	186.3	149.9	149.9	246.9	249.1	191.8	191.8	153.2	153.2					
78.7	222.7	224.9	176.4	176.4	143.3	143.3	231.5	233.7	181.9	181.9	146.6	146.6					
85.3	210.5	211.6	167.6	167.6	136.7	136.7	219.4	220.5	173.1	173.1	140.0	140.0					
91.9	198.4	199.5	159.8	159.8	131.2	131.2	207.2	208.3	165.3	165.3	135.6	135.6					
98.4	188.5	188.5	153.2	153.2	126.8	126.8	197.3	197.3	158.7	158.7	130.1	130.1					
111.5	170.9	171.6	140.0	141.5	117.9	117.9	178.6	179.7	145.5	146.2	121.3	121.3					
124.7	155.4	156.5	130.1	130.8	110.2	110.4	163.1	164.2	135.6	135.2	113.5	113.8					
137.8	143.3	143.3	121.3	121.3	104.1	104.1	149.9	151.0	125.7	125.7	107.6	107.6					
150.9	132.3	133.0	113.5	113.9	98.5	98.6	138.9	140.0	117.9	118.3	101.9	102.0					
164.0	123.5	123.8	107.4	107.4	93.5	93.7	130.1	130.4	111.3	111.7	96.8	96.9					
177.2	115.7	115.7	101.6	101.6	89.3	89.3	122.4	122.4	105.8	105.8	92.4	92.4					
190.3	109.8	109.9	96.6	96.8	85.5	85.6	114.6	115.7	100.8	100.8	88.4	88.6					
203.4	103.8	104.3	92.4	92.4	82.2	82.4	109.1	109.6	96.1	96.3	85.1	85.1					
216.5	98.8	99.0	88.6	88.6	79.6	79.6	103.8	104.1	92.2	92.2	82.0	82.0					
229.7	94.6	94.7	85.3	85.5	77.4	77.4	99.0	99.4	88.6	88.8	79.6	79.7					
239.5	91.8	91.8	83.3	83.4	76.1	76.1	96.0	96.1	86.3	86.4	77.9	78.0					
242.8	90.8	90.9	82.7	82.8	-	-	95.0	95.2	85.5	85.8	77.4	77.5					
249.3	89.1	89.3	81.6	81.6	-	-	93.1	93.3	84.3	84.4	76.5	76.6					
255.9	-	-	-	-	-	-	91.3	91.5	83.1	83.1	75.6	75.6					
265.7	-	-	-	-	-	-	89.1	89.1	81.4	81.4	-	-					

### Remarks

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



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



**DEMAG CC2800-1**  
CRAWLER CRANE

## 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

		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°
ft	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	-	

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### Remarks

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

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



## SSL+LF2 LIFTING CAPACITIES

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

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

### Remarks

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


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



**DEMAG CC2800-1**  
CRAWLER CRANE

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

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### Remarks

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

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



## SSL/LSL+LF2 LIFTING CAPACITIES

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

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






**DEMAG CC2800-1**  
CRAWLER CRANE

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

### Remarks

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

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

3



## SSL/LSL+LF2 LIFTING CAPACITIES

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

ft	413.4 ft						433.1 ft					
	SSL/LSL+LF2		SSL/LSL+LF2		SSL/LSL+LF2		SSL/LSL+LF2		SSL/LSL+LF2		SSL/LSL+LF2	
	LF2	SGLmax.	LF2	SGLmax.	LF2	SGLmax.	LF2	SGLmax.	LF2	SGLmax.	LF2	SGLmax.
	10°		15°		20°		10°		15°		20°	
55.8	145.5	215.0	-	-	-	-	135.6	199.5	-	-	-	-
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.



**DEMAG CC2800-1**  
CRAWLER CRANE

## SSL/LSL+LF2 LIFTING CAPACITIES

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

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

### Remarks

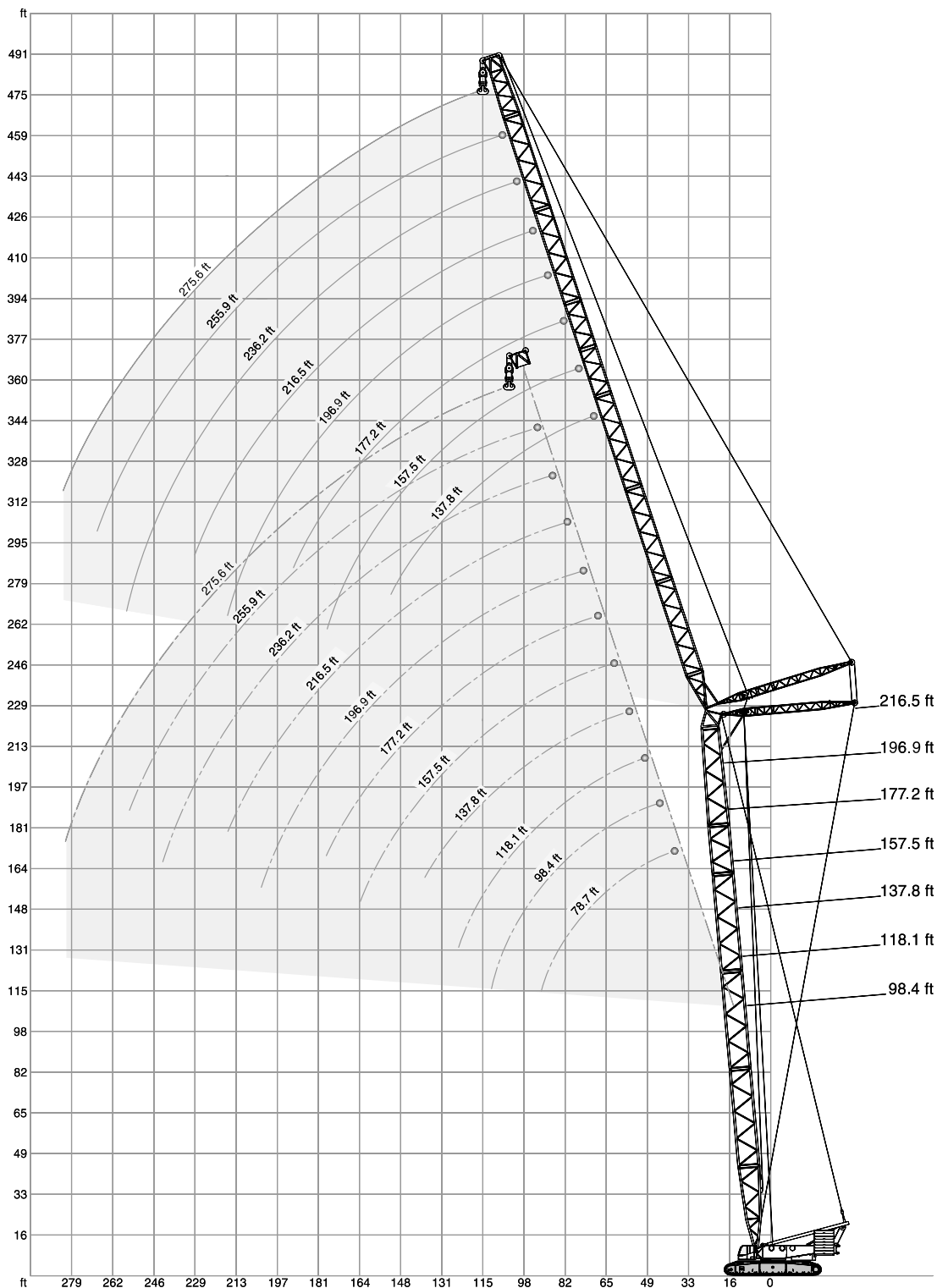
SSL+LF2: SL radius 55.8 ft on request. Max. capacities with minimum counterweight.

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

3



## SW WORKING RANGES





**DEMAG CC2800-1**  
CRAWLER CRANE

## SW LIFTING CAPACITIES

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

98.4 ft

	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
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

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

### Remarks

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



## SW LIFTING CAPACITIES

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

118.1 ft

	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 CAPACITIES

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

137.8 ft

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

4



## SW LIFTING CAPACITIES

396,800 lb + 132,300 lb ZB				 27.6 ft				360°				DIN/ISO											
 157.5 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°							
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							
144.4	-	-	70.3	-	80.5	67.0	-	78.3	-	90.6	75.6	-	88.8	73.6	-	86.4							
150.9	-	-	65.9	-	-	62.6	-	73.4	-	84.9	71.0	-	83.1	69.0	-	80.7							
157.5	-	-	-	-	-	58.6	-	69.2	55.1	-	66.6	-	78.4	64.6	-	75.9							
164.0	-	-	-	-	-	55.1	-	65.3	51.6	-	62.6	48.5	73.6	60.4	-	71.2							
177.2	-	-	-	-	-	-	-	-	45.4	-	55.6	42.3	-	53.1	39.7	63.3							
190.3	-	-	-	-	-	-	-	-	-	-	37.3	-	47.2	34.6	56.9	43.9							
196.9	-	-	-	-	-	-	-	-	-	-	35.1	-	44.5	32.4	-	41.2							
203.4	-	-	-	-	-	-	-	-	-	-	33.1	-	-	30.2	-	38.6							
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	26.5	-	34.4							
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





**DEMAG CC2800-1**  
CRAWLER CRANE

## SW LIFTING CAPACITIES

 396,800 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								
150.9	-	-	59.5	-	-	56.2	-	69.9	-	83.6	67.2	-	82.0	64.8	79.4								
164.0	-	-	-	-	-	49.2	-	61.9	45.4	-	58.9	-	72.5	56.4	70.1								
177.2	-	-	-	-	-	43.4	-	-	39.9	-	52.0	36.6	-	49.6	62.2								
183.7	-	-	-	-	-	-	-	-	37.3	-	48.9	34.2	-	46.5	59.0								
190.3	-	-	-	-	-	-	-	-	35.1	-	-	32.0	-	43.7	29.3								
203.4	-	-	-	-	-	-	-	-	-	-	-	27.8	-	38.8	25.1								
216.5	-	-	-	-	-	-	-	-	-	-	-	24.5	-	-	21.8								
223.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.3								
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.7								
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°
1,000 lb											
91.9	159.8	-	-	-	-	-	-	-	-	-	-
98.4	144.4	-	-	143.3	-	-	-	-	-	-	-
111.5	121.3	-	-	119.0	-	-	116.8	-	-	-	-
124.7	103.4	-	-	101.9	-	-	99.2	-	-	98.8	-
137.8	89.3	-	-	87.7	-	-	85.1	-	-	84.7	-
150.9	77.8	59.1	-	76.3	-	-	73.6	-	-	73.2	-
164.0	68.6	50.9	-	67.0	48.5	-	64.4	-	-	63.7	-
170.6	64.6	47.2	-	63.1	45.0	-	60.3	41.4	-	59.6	-
177.2	60.6	44.1	-	59.1	41.7	-	56.2	38.1	-	55.6	-
183.7	57.3	41.0	-	55.7	38.8	-	52.7	35.3	-	52.0	34.2
190.3	54.0	38.1	-	52.2	35.9	-	49.2	32.4	-	48.5	31.5
203.4	48.3	33.3	-	46.3	31.1	-	43.2	27.6	-	42.5	26.7
216.5	-	28.9	15.7	41.2	26.7	-	37.9	23.4	-	37.3	22.3
229.7	-	25.4	12.6	36.8	22.9	-	33.5	19.6	-	32.6	18.5
242.8	-	22.0	10.1	-	19.8	-	29.8	16.3	-	28.7	15.4
249.3	-	-	8.8	-	18.3	-	-	15.0	-	26.9	13.9
255.9	-	-	-	-	17.2	-	-	13.7	-	25.1	12.6
262.5	-	-	-	-	15.9	-	-	12.3	-	23.7	11.2
269.0	-	-	-	-	-	-	-	11.2	-	22.3	9.9
275.6	-	-	-	-	-	-	-	10.1	-	-	8.8
282.2	-	-	-	-	-	-	-	9.0	-	-	-

### Remarks

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

4



## SW LIFTING CAPACITIES

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

196.9 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																	
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

216.5 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																	
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	-	-

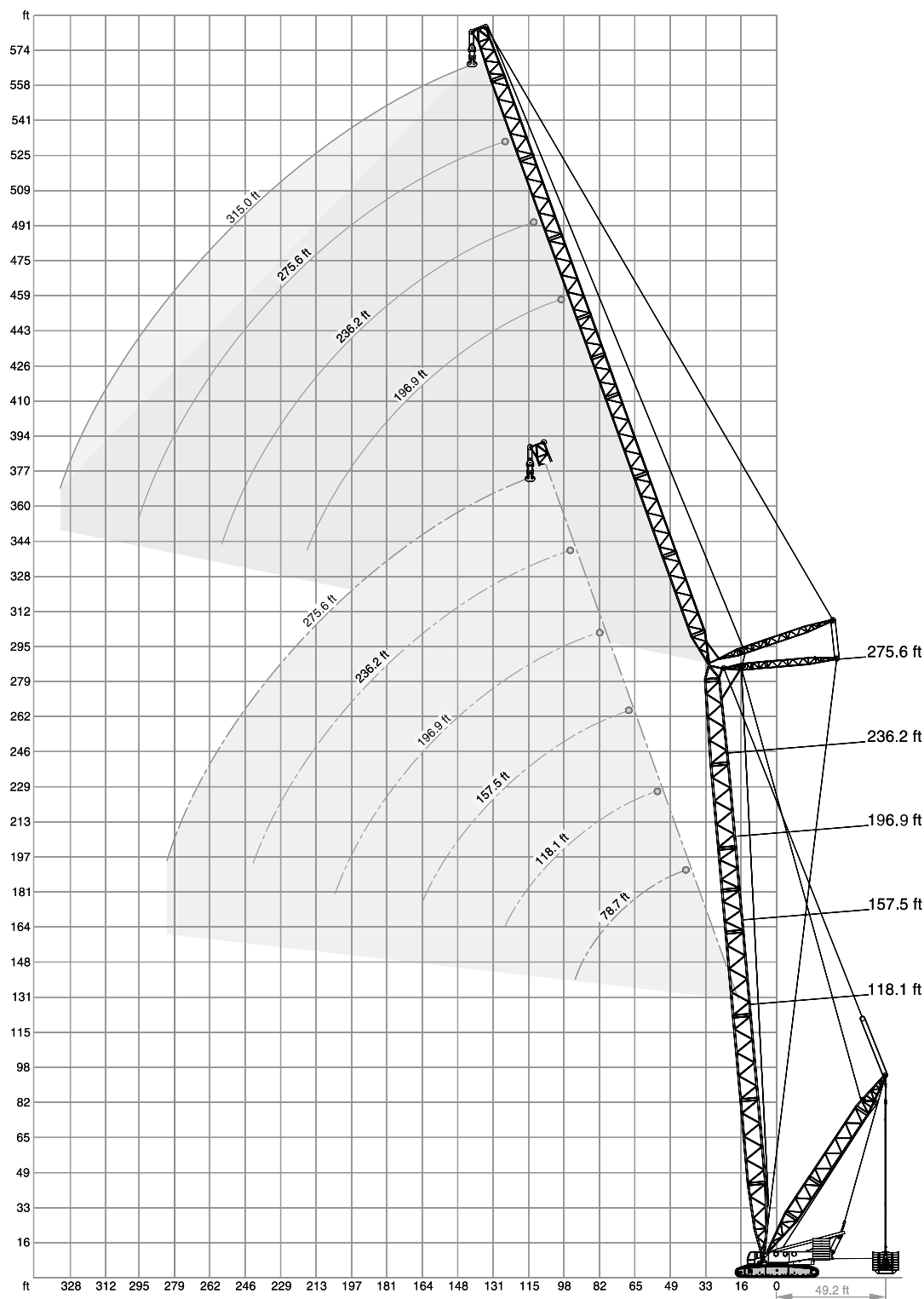
### Remarks

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

4



## 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	
	396.8 klb + 132.3 klb 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

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

118.1 ft + 157.5 ft

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

118.1 ft + 196.9 ft

ft	SWSL					SFSL	HSWSL
	0 t					0 lb – 551,300 lb	
	396.8 klb + 132.3 klb 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

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

4



# 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

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

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	156.5
229.7	-	-	-	-	152.1
242.8	-	-	-	-	142.2
255.9	-	-	-	-	136.7
269.0	-	-	-	-	125.7
282.2	-	-	-	-	110.2
295.3	-	-	-	-	94.8
301.8	-	-	-	-	83.8
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



**DEMAG CC2800-1**  
CRAWLER CRANE

## 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	
	396.8 klb + 132.3 klb 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	
	396.8 klb + 132.3 klb 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
295.3	-	-	-	108.5	101.4
301.8	-	-	-	104.5	98.3
308.4	-	-	-	-	95.7
321.5	-	-	-	-	90.4
328.1	-	-	-	-	88.2
334.6	-	-	-	-	88.2
347.8	-	-	-	-	73.9
360.9	-	-	-	-	68.3
374.0	-	-	-	-	59.5
387.1	-	-	-	-	52.9
	-	-	-	-	44.1
	-	-	-	-	-

196.9 ft + 78.7 ft

	1,000 lb				
55.8	-	-	-	-	599.7
59.1	330.7	544.5	-	-	588.6
65.6	286.6	524.7	-	-	544.5
72.2	251.3	502.7	-	-	542.3
78.7	224.9	480.6	-	-	540.1
85.3	201.7	454.2	-	-	524.7
91.9	183.0	425.5	-	-	498.2
98.4	167.6	401.2	-	-	469.6
105.0	-	-	434.3	-	433.2
111.5	-	-	403.4	-	396.8
124.7	-	-	352.7	-	341.7
131.2	-	-	332.9	-	319.7
144.4	-	-	-	280.0	280.0
150.9	-	-	-	266.8	262.4
164.0	-	-	-	240.3	233.7
177.2	-	-	-	-	209.4
183.7	-	-	-	-	199.5
190.3	-	-	-	-	190.7
196.9	-	-	-	-	183.0
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

4



# SWSL / SFSL15° / 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	
	396.8 klb + 132.3 klb 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 + 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						
91.9	172.0	224.9	-	-	-	-	240.3
98.4	155.4	224.9	-	-	-	224.9	238.1
111.5	130.1	222.7	-	-	-	224.9	229.3
124.7	111.3	216.1	-	-	-	224.9	219.4
137.8	96.8	209.4	-	-	-	222.7	205.0
150.9	84.7	200.6	-	-	-	220.5	190.7
157.5	79.6	195.1	211.6	-	-	220.5	183.5
164.0	74.5	189.6	211.6	-	-	220.5	176.4
177.2	66.1	180.8	207.2	-	-	205.0	165.3
190.3	59.1	160.9	198.4	-	-	191.8	154.3
203.4	53.1	138.9	185.2	-	-	174.2	138.9
216.5	-	-	170.9	158.7	-	158.7	-
229.7	-	-	158.7	146.6	-	143.3	-
242.8	-	-	138.9	136.7	-	132.3	-
255.9	-	-	-	127.9	-	119.0	-
269.0	-	-	-	120.2	-	110.2	-
282.2	-	-	-	112.4	104.1	101.4	-
295.3	-	-	-	-	97.9	92.6	-
308.4	-	-	-	-	92.4	83.8	-
321.5	-	-	-	-	-	77.2	-
334.6	-	-	-	-	-	66.1	-
347.8	-	-	-	-	-	57.3	-
360.9	-	-	-	-	-	48.5	-

196.9 ft + 157.5 ft

	1,000 lb						
ft	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	-

196.9 ft + 236.2 ft

	1,000 lb						
ft	-	-	-	-	-	-	174.2
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	-



## 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 / 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	
	396.8 klb + 132.3 klb 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					
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	
	396.8 klb + 132.3 klb 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					
82.0	-	-	-	-	-	271.2
85.3	189.6	233.7	-	-	-	271.2
91.9	170.9	233.7	-	-	233.7	264.6
98.4	155.4	231.5	-	-	233.7	260.1
111.5	131.2	222.7	-	-	233.7	249.1
124.7	112.4	213.8	-	-	233.7	235.9
137.8	97.7	202.8	-	-	233.7	224.9
150.9	85.8	194.0	227.1	-	233.7	212.7
164.0	75.8	185.2	222.7	-	222.7	200.6
177.2	67.7	176.4	207.2	-	207.2	176.4
190.3	-	-	196.2	-	185.2	-
203.4	-	-	184.1	-	167.6	-
216.5	-	-	169.8	154.3	152.1	-
229.7	-	-	-	143.3	136.7	-
242.8	-	-	-	133.4	125.7	-
255.9	-	-	-	125.7	114.6	-
269.0	-	-	-	-	105.8	103.6
282.2	-	-	-	-	99.2	94.8
295.3	-	-	-	-	93.5	86.0
308.4	-	-	-	-	-	77.2
321.5	-	-	-	-	-	70.5
334.6	-	-	-	-	-	61.7
347.8	-	-	-	-	-	50.7
360.9	-	-	-	-	-	41.9
374.0	-	-	-	-	-	-

Remarks: see page 46

4



# SWSL / SFSL15° / HSWSL LIFTING CAPACITIES

27.6 ft		36.1 – 49.2 ft		360°		DIN/ISO	
236.2 ft + 196.9 ft				236.2 ft + 236.2 ft			
<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>		<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>		<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>		<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>	
<div> <div>396.8klb + 132.3klb ZB</div> <div>352,700 lb</div> </div>		<div> <div>396.8klb + 132.3klb ZB</div> <div>352,700 lb</div> </div>		<div> <div>396.8klb + 132.3klb ZB</div> <div>352,700 lb</div> </div>		<div> <div>396.8klb + 132.3klb ZB</div> <div>352,700 lb</div> </div>	
<div> <div>85°</div> <div>85°</div> <div>75°</div> <div>65°</div> <div>55°</div> <div>85°</div> </div>		<div> <div>85°</div> <div>85°</div> <div>75°</div> <div>65°</div> <div>55°</div> <div>85°</div> </div>		<div> <div>85°</div> <div>85°</div> <div>75°</div> <div>65°</div> <div>55°</div> <div>85°</div> </div>		<div> <div>85°</div> <div>85°</div> <div>75°</div> <div>65°</div> <div>55°</div> <div>85°</div> </div>	
ft		1,000 lb		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	-	-	-	-	-	-	-
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



**DEMAG CC2800-1**  
CRAWLER CRANE

## SWSL / SFSL15° / 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	
	396.8 klb + 132.3 klb 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	-
360.9	-	-	-	65.0	53.4	-
374.0	-	-	-	61.5	50.0	-
387.1	-	-	-	-	47.0	-
400.3	-	-	-	-	44.3	-
406.8	-	-	-	-	43.0	-
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	
	396.8 klb + 132.3 klb 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

4



# SWSL / SFSL15° / HSWSL LIFTING CAPACITIES

27.6 ft		36.1 – 49.2 ft		360°		DIN/ISO	
275.6 ft + 157.5 ft				275.6 ft + 196.9 ft			
<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>		<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>		<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>		<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>	
<div> <div>396.8klb + 132.3klb ZB</div> <div>352,700 lb</div> </div>		<div> <div>396.8klb + 132.3klb ZB</div> <div>352,700 lb</div> </div>		<div> <div>396.8klb + 132.3klb ZB</div> <div>352,700 lb</div> </div>		<div> <div>396.8klb + 132.3klb ZB</div> <div>352,700 lb</div> </div>	
<div> <div>85°</div> <div>85°</div> <div>75°</div> <div>65°</div> <div>55°</div> <div>85°</div> </div>		<div> <div>85°</div> <div>85°</div> <div>75°</div> <div>65°</div> <div>55°</div> <div>85°</div> </div>		<div> <div>85°</div> <div>85°</div> <div>75°</div> <div>65°</div> <div>55°</div> <div>85°</div> </div>		<div> <div>85°</div> <div>85°</div> <div>75°</div> <div>65°</div> <div>55°</div> <div>85°</div> </div>	
<div> <div>ft</div> <div>1,000 lb</div> </div>		<div> <div>ft</div> <div>1,000 lb</div> </div>		<div> <div>ft</div> <div>1,000 lb</div> </div>		<div> <div>ft</div> <div>1,000 lb</div> </div>	
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	-
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 / SFSL15° / HSWSL LIFTING CAPACITIES

27.6 ft 36.1 – 49.2 ft 360° DIN/ISO

275.6 ft + 236.2 ft

	SWSL				SFSL	HSWSL
	0 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	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	
	396.8 klb + 132.3 klb 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	-	-	-	96.6
150.9	69.7	86.0	-	-	-	94.6
164.0	60.2	83.8	-	-	-	92.4
177.2	52.5	81.6	-	-	-	89.9
190.3	45.4	79.4	-	-	-	87.3
203.4	39.2	77.2	-	-	-	84.9
216.5	34.0	75.0	81.6	-	-	82.2
229.7	29.3	72.8	81.6	-	-	79.6
242.8	25.1	70.5	81.6	-	-	76.9
255.9	21.6	68.3	81.6	-	-	74.3
269.0	18.5	63.9	79.4	-	-	71.7
282.2	15.7	61.7	77.2	-	-	69.0
295.3	13.2	59.5	77.2	-	-	66.6
298.6	-	-	76.1	-	-	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

4



# SWSL / SFSL15° / HSWSL LIFTING CAPACITIES

27.6 ft		36.1 – 49.2 ft		360°		DIN/ISO	
315.0 ft + 118.1 ft				315.0 ft + 157.5 ft			
<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>		<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>		<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>		<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>	
<div> <div>396.8klb + 132.3klb ZB</div> <div>352,700 lb</div> </div>		<div> <div>396.8klb + 132.3klb ZB</div> <div>352,700 lb</div> </div>		<div> <div>396.8klb + 132.3klb ZB</div> <div>352,700 lb</div> </div>		<div> <div>396.8klb + 132.3klb ZB</div> <div>352,700 lb</div> </div>	
85° 85° 75° 65° 55° 85°		85° 85° 75° 65° 55° 85°		85° 85° 75° 65° 55° 85°		85° 85° 75° 65° 55° 85°	
ft		1,000 lb		1,000 lb		1,000 lb	
78.7	173.1	178.6	-	-	-	-	219.4
85.3	173.1	178.6	-	-	-	176.4	216.1
91.9	164.2	170.9	-	-	-	175.3	210.5
98.4	149.9	165.3	-	-	-	173.1	203.9
111.5	125.7	154.3	-	-	-	168.7	191.8
124.7	108.5	144.4	-	-	-	164.2	179.7
137.8	94.4	136.7	-	-	-	158.7	168.7
147.6	-	-	-	-	-	154.6	160.9
150.9	-	-	148.8	-	-	153.2	-
164.0	-	-	144.4	-	-	146.6	-
177.2	-	-	136.7	-	-	141.1	-
190.3	-	-	130.1	-	-	136.7	-
203.4	-	-	120.2	-	-	132.3	-
216.5	-	-	-	-	-	127.9	-
223.1	-	-	-	115.7	-	125.7	-
229.7	-	-	-	113.5	-	123.5	-
242.8	-	-	-	106.0	-	110.2	-
255.9	-	-	-	97.7	-	98.5	-
269.0	-	-	-	-	-	88.0	-
282.2	-	-	-	-	78.9	78.3	-
295.3	-	-	-	-	74.1	69.7	-
301.8	-	-	-	-	71.9	65.7	-
308.4	-	-	-	-	-	61.7	-
321.5	-	-	-	-	-	54.5	-
334.6	-	-	-	-	-	47.2	-
347.8	-	-	-	-	-	39.2	-
360.9	-	-	-	-	-	31.5	-
374.0	-	-	-	-	-	23.8	-
387.1	-	-	-	-	-	17.2	-
400.3	-	-	-	-	-	-	-
413.4	-	-	-	-	-	-	-
426.5	-	-	-	-	-	-	-
439.6	-	-	-	-	-	-	-

## 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 / SFSL15° / 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	
	396.8 klb + 132.3 klb 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	
	396.8 klb + 132.3 klb 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	-	-	-	-	-	-	-

4

### Remarks

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



# SWSL / SFSL15° / HSWSL LIFTING CAPACITIES

27.6 ft		36.1 – 49.2 ft		360°		DIN/ISO	
315.0 ft + 275.6 ft				315.0 ft + 315.0 ft			
<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>		<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>		<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>		<div> <div>0 t</div> <div>0 lb – 551,300 lb</div> </div>	
<div> <div>396.8 klb + 132.3 klb ZB</div> <div>352,700 lb</div> </div>		<div> <div>396.8 klb + 132.3 klb ZB</div> <div>352,700 lb</div> </div>		<div> <div>396.8 klb + 132.3 klb ZB</div> <div>352,700 lb</div> </div>		<div> <div>396.8 klb + 132.3 klb ZB</div> <div>352,700 lb</div> </div>	
<div> <div>85°</div> <div>85°</div> <div>75°</div> <div>65°</div> <div>55°</div> <div>85°</div> </div>		<div> <div>85°</div> <div>85°</div> <div>75°</div> <div>65°</div> <div>55°</div> <div>85°</div> </div>		<div> <div>85°</div> <div>85°</div> <div>75°</div> <div>65°</div> <div>55°</div> <div>85°</div> </div>		<div> <div>85°</div> <div>85°</div> <div>75°</div> <div>65°</div> <div>55°</div> <div>85°</div> </div>	
<div> <div>ft</div> <div>1,000 lb</div> </div>		<div> <div>ft</div> <div>1,000 lb</div> </div>		<div> <div>ft</div> <div>1,000 lb</div> </div>		<div> <div>ft</div> <div>1,000 lb</div> </div>	
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	-	-

## 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 / 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	
	396.8 klb + 132.3 klb ZB					352,700 lb	
	85°	85°	75°	65°	55°	85°	
ft	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

ft	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	
	396.8 klb + 132.3 klb ZB					352,700 lb	
	85°	85°	75°	65°	55°	85°	
ft	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

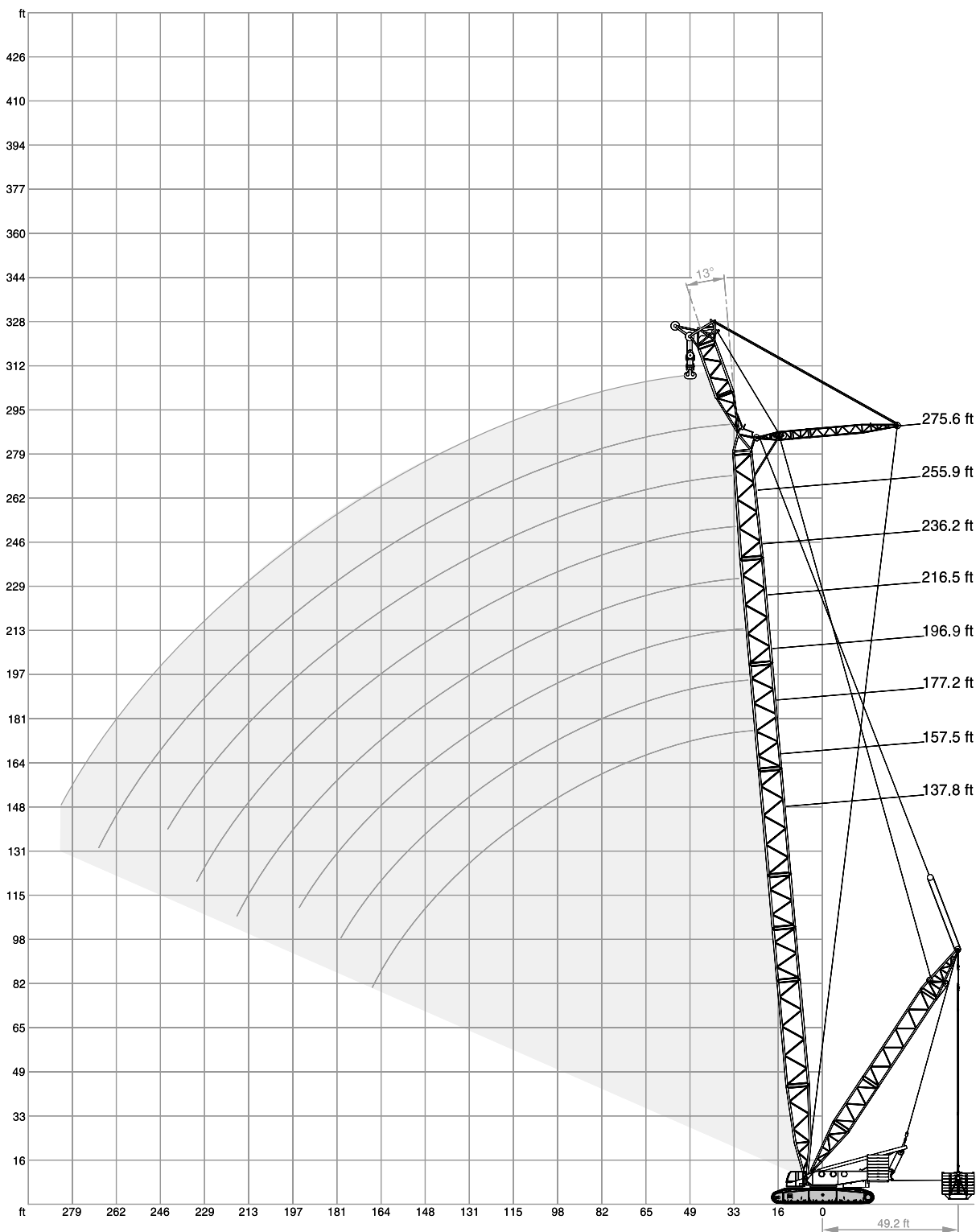
For HSWSL a boom power-kit is required

4



## SFVL / LFVL WORKING RANGES

13°





**DEMAG CC2800-1**  
CRAWLER CRANE

## SFVL / LFVL LIFTING CAPACITIES

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

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

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

5



## TECHNICAL DESCRIPTION

### CRAWLER CARRIER

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

### SUPERSTRUCTURE

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

### OPTIONAL EQUIPMENT

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



**DEMAG CC2800-1**  
CRAWLER CRANE

## TECHNICAL DESCRIPTION

### BOOM CONFIGURATIONS S AND L

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

### OPTIONAL EQUIPMENT

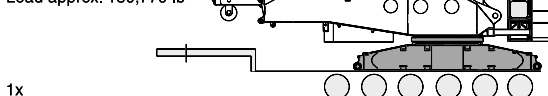
<b>Power-kit for main boom</b>	Consisting of 2-4 additional heavy main boom sections; standard main boom 275.6 ft required.
<b>Superlift equipment standard</b>	Mast 98.4 ft, winch with rope and tray for 661,400 lb. Mast radii 36.1 ft, 42.7 ft and 49.2 ft by adjusting the Superlift mast.
<b>Superlift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

6



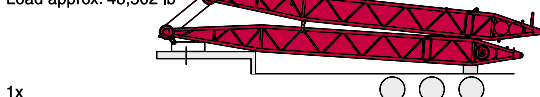
## TRANSPORT EXAMPLE FOR CC 2800-1

Load approx. 180,779 lb



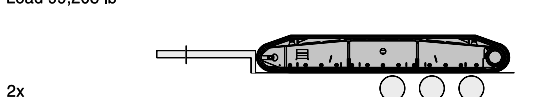
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Load approx. 48,502 lb



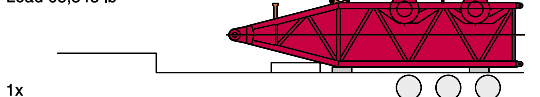
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Load 99,208 lb



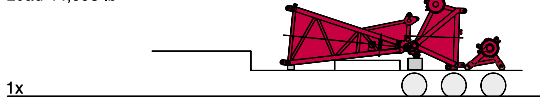
2x

Load 68,343 lb



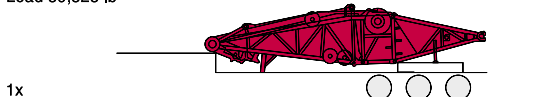
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Load 44,093 lb



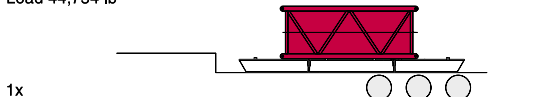
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Load 59,525 lb



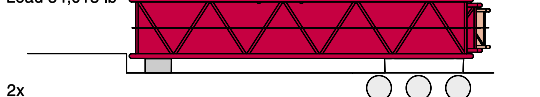
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Load 44,754 lb



1x

Load 54,013 lb



2x

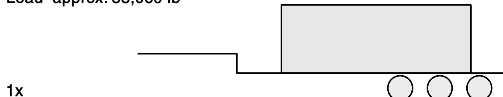
Load 51,147 lb



2x

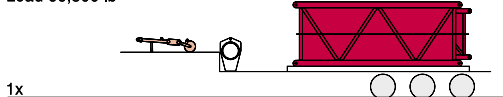
- ☐ Superlift counterweight
- ☒ Basic crane
- ☒ Boom combination SWSL 275.6 + 275.6 ft
- ☐ Containers, boxes, etc.
- ☒ Boom combination LF2 118.1 ft
- ☐ Trucks

Load approx. 33,069 lb



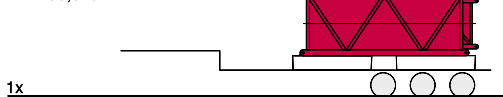
1x

Load 66,800 lb



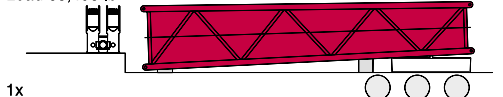
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Load 59,525 lb



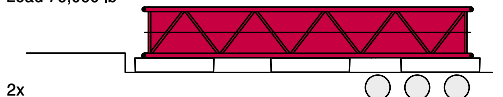
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Load 63,493 lb



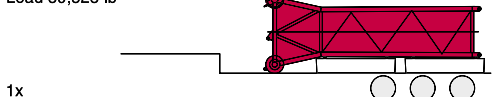
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Load 76,060 lb



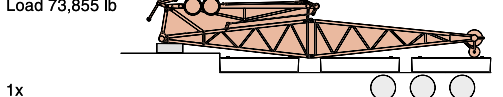
2x

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.



**DEMAG CC2800-1**  
CRAWLER CRANE

#### 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.

Product specifications and prices are subject to change without notice or obligation. The photographs and / or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied.

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