

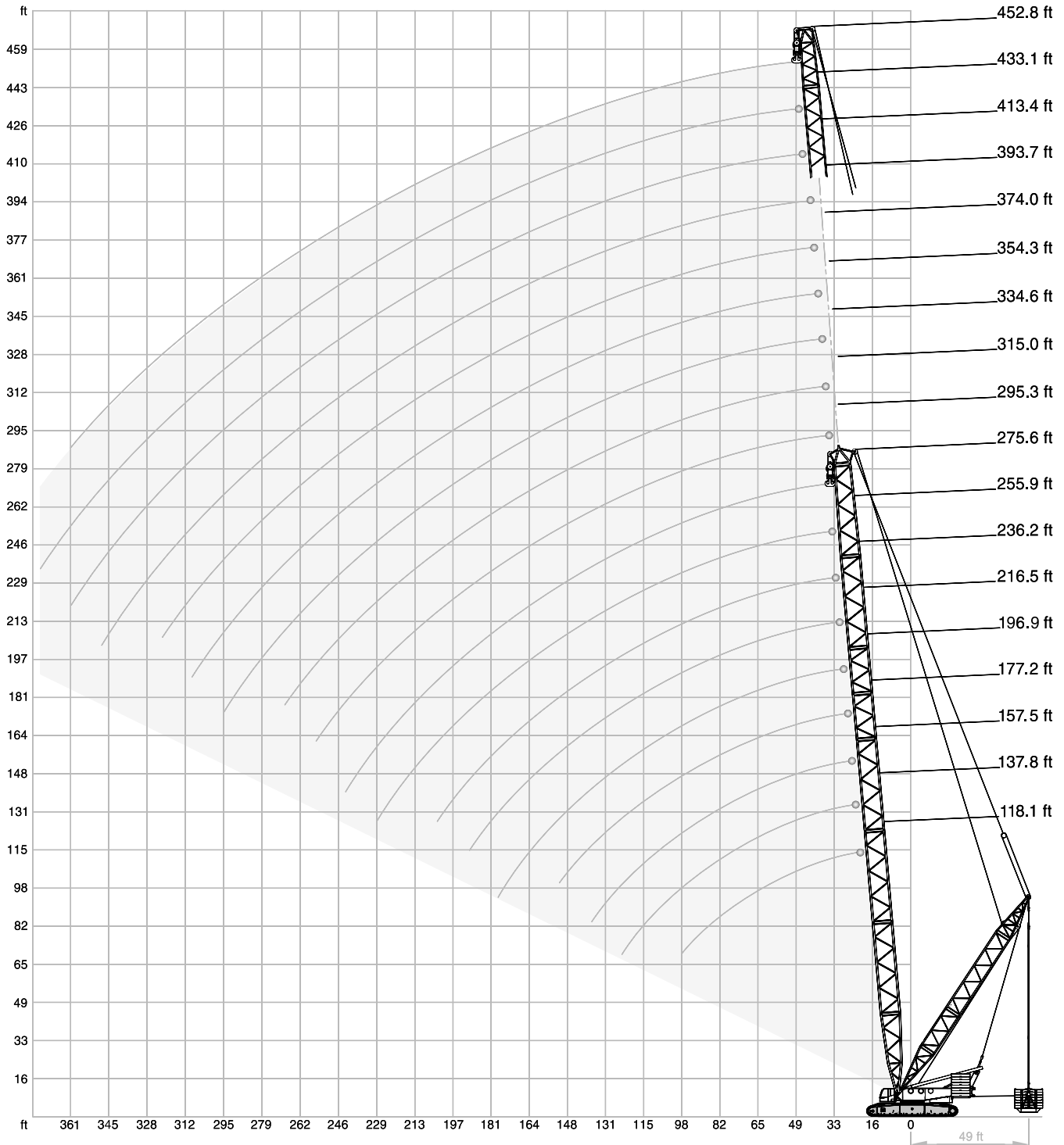


LIFTING CHARTS - Crawler Cranes

DEMAG MODEL CC 2800 - 660 TON CAPACITY

Working ranges main boom with Superlift

SSL, SSL/LSL



Lifting capacities main boom with Superlift

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

236.2 ft Main boom								
Radius	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5
ft	1,000 lb							
33	749.6	762.8	773.8	-	-	-	-	822.3
39	553.4	751.8	773.8	789.3	-	-	-	822.3
46	429.9	586.4	743.0	767.2	793.7	-	-	822.3
52	346.1	476.2	608.5	738.5	782.6	822.3	-	822.3
59	288.8	399.0	511.5	623.9	731.9	773.8	773.8	773.8
65	244.7	341.7	438.7	537.9	634.9	709.9	709.9	709.9
72	209.4	297.6	383.6	469.6	557.8	641.5	654.8	654.8
79	183.0	260.1	339.5	416.7	496.0	573.2	604.1	604.1
85	160.9	231.5	302.0	372.6	445.3	515.9	560.0	560.0
SSL	92	143.3	207.2	273.4	337.3	403.4	467.4	520.3
	98	127.9	187.4	246.9	306.4	366.0	427.7	485.0
	111	103.6	154.3	207.2	257.9	310.9	361.6	414.5
	124	83.8	130.1	176.4	220.5	266.8	313.1	359.4
	138	68.3	110.2	152.1	191.8	233.7	273.4	315.3
	151	57.3	94.8	132.3	169.8	205.0	242.5	280.0
	164	46.3	81.6	116.8	149.9	183.0	218.3	251.3
	177	37.5	70.5	103.6	134.5	165.3	196.2	227.1
	190	30.9	61.7	92.6	121.3	149.9	178.6	205.0
	203	26.5	55.1	83.8	110.2	136.7	163.1	183.0

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

255.9 ft Main boom								
Radius	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5
ft	1,000 lb							
39	553.4	659.2	668.0	674.6	-	-	-	694.5
46	427.7	584.2	650.4	663.6	-	-	-	694.5
52	343.9	476.2	606.3	652.6	672.4	-	-	694.5
59	286.6	399.0	509.3	621.7	661.4	685.6	-	685.6
65	242.5	339.5	438.7	535.7	632.7	657.0	657.0	657.0
72	209.4	295.4	381.4	469.6	555.6	626.1	626.1	626.1
79	180.8	260.1	337.3	414.5	493.8	571.0	595.2	595.2
85	158.7	229.3	302.0	372.6	443.1	513.7	564.4	564.4
SSL	92	141.4	205.0	271.2	335.1	401.2	465.2	531.3
	98	125.7	185.2	244.7	304.2	366.0	425.5	485.0
	111	101.4	152.1	205.0	255.7	308.6	359.4	412.3
	124	81.6	127.9	174.2	220.5	264.6	310.9	357.1
	138	66.1	108.0	149.9	189.6	231.5	271.2	313.1
	151	52.9	92.6	130.1	167.6	202.8	240.3	277.8
	164	44.1	79.4	114.6	147.7	180.8	216.1	249.1
	177	35.3	68.3	101.4	132.3	163.1	194.0	224.9
	190	28.7	59.5	90.4	119.0	147.7	176.4	205.0
	203	22.0	50.7	79.4	108.0	134.5	160.9	187.4
	216	17.6	44.1	70.5	97.0	121.3	147.7	169.8
	230	13.2	39.7	63.9	88.2	112.4	136.7	147.7



Remarks



1) with 132,000 lb central ballast



Superlift mast 98.4 ft



Lifting capacities main boom with Superlift

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

295.3 ft Main boom								
								
								
Radius	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5
ft	1,000 lb							
39	526.9	526.9	529.1	-	-	-	-	546.7
46	438.7	526.9	529.1	535.7	-	-	-	546.7
52	354.9	487.2	529.1	535.7	-	-	-	546.7
59	297.6	407.9	520.3	535.7	540.1	-	-	546.7
65	253.5	350.5	447.5	533.5	537.9	-	-	542.3
72	218.3	304.2	392.4	478.4	522.5	531.3	-	531.3
79	191.8	269.0	346.1	425.5	502.7	518.1	-	518.1
85	169.8	240.3	310.9	381.4	451.9	507.1	507.1	507.1
92	149.9	216.1	280.0	343.9	410.1	474.0	493.8	493.8
98	134.5	194.0	253.5	315.3	374.8	434.3	467.4	467.4
111	110.2	160.9	213.8	264.6	317.5	368.2	421.1	421.1
SSL/LSL	124	90.4	136.7	183.0	227.1	273.4	319.7	363.8
	138	75.0	116.8	156.5	198.4	240.3	280.0	321.9
	151	61.7	101.4	136.7	174.2	211.6	249.1	284.4
	164	52.9	88.2	121.3	154.3	189.6	222.7	255.7
	177	44.1	77.2	108.0	138.9	169.8	200.6	231.5
	190	35.3	66.1	97.0	125.7	154.3	183.0	211.6
	203	28.7	57.3	86.0	112.4	138.9	165.3	194.0
	216	24.3	50.7	77.2	103.6	127.9	152.1	174.2
	230	19.8	44.1	70.5	92.6	116.8	141.1	158.7
	243	15.4	39.7	61.7	86.0	108.0	130.1	147.7
	256	13.2	35.3	57.3	79.4	99.2	121.3	136.7

334.6 ft Main boom								
								
								
Radius	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5
ft	1,000 lb							
46	381.4	385.8	388.0	-	-	-	-	399.0
52	354.9	383.6	383.6	-	-	-	-	394.6
59	295.4	379.2	381.4	383.6	-	-	-	392.4
65	251.3	348.3	377.0	379.2	-	-	-	388.0
72	218.3	304.2	372.6	377.0	-	-	-	383.6
79	189.6	269.0	346.1	372.6	377.0	-	-	379.2
85	167.6	238.1	308.6	370.4	372.6	-	-	374.8
92	149.9	213.8	277.8	343.9	368.2	370.4	-	370.4
98	134.5	194.0	253.5	313.1	363.8	366.0	-	366.0
111	108.0	160.9	211.6	264.6	315.3	343.9	-	343.9
124	90.4	134.5	180.8	227.1	271.2	317.5	319.7	319.7
SSL/LSL	138	72.8	114.6	156.5	196.2	238.1	277.8	295.4
	151	61.7	99.2	136.7	174.2	209.4	246.9	273.4
	164	50.7	86.0	119.0	154.3	187.4	220.5	251.3
	177	41.9	75.0	105.8	136.7	167.6	198.4	229.3
	190	33.1	63.9	94.8	123.5	152.1	180.8	209.4
	203	26.5	55.1	83.8	110.2	138.9	165.3	191.8
	216	22.0	48.5	75.0	101.4	125.7	149.9	176.4
	230	17.6	41.9	66.1	92.6	114.6	138.9	160.9
	243	13.2	37.5	59.5	83.8	105.8	127.9	149.9
	256	8.8	30.9	52.9	77.2	97.0	119.0	138.9
	269	-	26.5	48.5	68.3	90.4	110.2	130.1
	282	-	24.3	44.1	63.9	83.8	101.4	119.0
	295	-	19.8	39.7	57.3	77.2	94.8	105.8

315.0 ft Main boom								
								
								
Radius	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5
ft	1,000 lb							
39	456.4	456.4	458.6	-	-	-	-	474.0
46	438.7	454.2	456.4	-	-	-	-	471.8
52	354.9	449.7	454.2	460.8	-	-	-	469.6
59	295.4	407.9	451.9	458.6	-	-	-	467.4
65	251.3	350.5	447.5	456.4	460.8	-	-	465.2
72	218.3	304.2	390.2	449.7	454.2	-	-	460.8
79	189.6	269.0	346.1	425.5	445.3	451.9	-	451.9
85	167.6	238.1	310.9	381.4	436.5	445.3	-	445.3
92	149.9	213.8	280.0	343.9	410.1	438.7	438.7	438.7
98	134.5	194.0	253.5	313.1	372.6	427.7	427.7	427.7
SSL/LSL	111	110.2	160.9	211.6	264.6	315.3	368.2	392.4
	124	90.4	136.7	180.8	227.1	273.4	317.5	359.4
	138	75.0	116.8	156.5	198.4	238.1	280.0	319.7
	151	61.7	99.2	136.7	174.2	211.6	246.9	284.4
	164	50.7	86.0	121.3	154.3	187.4	222.7	255.7
	177	41.9	75.0	105.8	138.9	169.8	200.6	231.5
	190	35.3	66.1	94.8	123.5	152.1	180.8	209.4
	203	28.7	57.3	86.0	112.4	138.9	165.3	191.8
	216	24.3	50.7	77.2	101.4	125.7	152.1	176.4
	230	17.6	44.1	68.3	92.6	116.8	138.9	163.1
	243	13.2	37.5	61.7	83.8	105.8	127.9	149.9
	256	11.0	33.1	55.1	77.2	99.2	119.0	141.1
	269	-	28.7	50.7	70.5	90.4	110.2	127.9

354.3 ft Main boom								
								
								
Radius	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5
ft	1,000 lb							
46	324.1	324.1	-	-	-	-	-	337.3
52	315.3	317.5	319.7	-	-	-	-	330.7
59	293.2	308.6	313.1	-	-	-	-	324.1
65	249.1	302.0	306.4	-	-	-	-	319.7
72	216.1	295.4	302.0	306.4	-	-	-	313.1
79	187.4	266.8	295.4	302.0	-	-	-	306.4
85	165.3	235.9	288.8	295.4	-	-	-	299.8
92	147.7	211.6	275.6	288.8	291.0	-	-	293.2
98	132.3	191.8	251.3	282.2	284.4	-	-	286.6
111	105.8	158.7	209.4	262.4	271.2	-	-	273.4
SSL/LSL	124	86.0	132.3	178.6	224.9	257.9	262.4	262.4
	138	70.5	112.4	154.3	194.0	235.9	251.3	251.3
	151	57.3	97.0	134.5	169.8	207.2	238.1	238.1
	164	48.5	83.8	116.8	152.1	185.2	218.3	227.1
	177	39.7	70.5	103.6	134.5	165.3	196.2	216.1
	190	30.9	61.7	92.6	121.3	149.9	178.6	205.0
	203	24.3	52.9	81.6	108.0	134.5	163.1	189.6
	216	19.8	46.3	72.8	99.2	123.5	147.7	174.2
	230	13.2	39.7	63.9	88.2	112.4	136.7	158.7
	243	11.0	33.1	57.3	81.6	103.6	125.7	147.7
	256	-	28.7	50.7	72.8	94.8	116.8	136.7
	269	-	24.3	46.3	66.1	88.2	108.0	127.9
	282	-	19.8	39.7	59.5	81.6	99.2	119.0
	295	-	17.6	35.3	55.1	75.0	92.6	108.0
	308	-	13.2	30.9	50.7	68.3	86.0	97.0


Remarks


1) with 132,000 lb central ballast


Superlift mast 98.4 ft


Lifting capacities main boom with Superlift

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

374.0 ft Main boom								
Radius								
	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5
ft	1,000 lb							
46	284.4	284.4	-	-	-	-	-	295.4
52	277.8	280.0	-	-	-	-	-	291.0
59	273.4	275.6	277.8	-	-	-	-	288.8
65	249.1	273.4	275.6	-	-	-	-	284.4
72	213.8	269.0	271.2	-	-	-	-	280.0
79	187.4	264.6	269.0	271.2	-	-	-	277.8
85	165.3	235.9	264.6	269.0	-	-	-	273.4
92	145.5	211.6	262.4	264.6	-	-	-	269.0
98	130.1	189.6	251.3	262.4	264.6	-	-	264.6
111	105.8	156.5	209.4	255.7	255.7	-	-	257.9
124	86.0	132.3	178.6	222.7	244.7	249.1	-	249.1
138	70.5	112.4	152.1	194.0	233.7	238.1	-	238.1
151	57.3	97.0	132.3	169.8	207.2	229.3	-	229.3
SSL/LSL	164	46.3	81.6	116.8	149.9	183.0	218.3	218.3
	177	37.5	70.5	103.6	134.5	165.3	196.2	209.4
	190	30.9	61.7	90.4	119.0	147.7	176.4	200.6
	203	24.3	52.9	81.6	108.0	134.5	160.9	187.4
	216	17.6	44.1	70.5	97.0	121.3	147.7	172.0
	230	13.2	37.5	63.9	88.2	112.4	134.5	158.7
	243	8.8	33.1	55.1	79.4	101.4	123.5	145.5
	256	-	26.5	50.7	72.8	94.8	114.6	136.7
	269	-	22.0	44.1	66.1	86.0	105.8	125.7
	282	-	19.8	39.7	59.5	79.4	99.2	116.8
	295	-	15.4	35.3	52.9	72.8	92.6	110.2
	308	-	11.0	30.9	48.5	66.1	86.0	99.2
	321	-	8.8	26.5	44.1	61.7	79.4	90.4

413.4 ft Main boom								
Radius								
	0	110.2	220.5	330.7	440.9	551.2	661.4	716.5
ft	1,000 lb							
52	233.7	233.7	-	-	-	-	-	240.3
59	229.3	231.5	-	-	-	-	-	238.1
65	227.1	229.3	231.5	-	-	-	-	238.1
72	213.8	227.1	229.3	-	-	-	-	235.9
79	187.4	224.9	227.1	-	-	-	-	233.7
85	163.1	222.7	224.9	227.1	-	-	-	231.5
92	145.5	209.4	224.9	227.1	-	-	-	229.3
98	130.1	189.6	222.7	224.9	-	-	-	227.1
111	103.6	156.5	207.2	220.5	222.7	-	-	222.7
124	83.8	130.1	176.4	216.1	218.3	-	-	218.3
138	68.3	110.2	152.1	191.8	211.6	213.8	-	213.8
151	55.1	94.8	132.3	169.8	205.0	207.2	-	207.2
164	44.1	81.6	114.6	149.9	183.0	200.6	-	200.6
SSL/LSL	177	35.3	68.3	101.4	132.3	163.1	194.0	194.0
	190	28.7	59.5	90.4	119.0	147.7	176.4	187.4
	203	22.0	50.7	79.4	105.8	132.3	158.7	180.8
	216	15.4	41.9	70.5	94.8	121.3	145.5	169.8
	230	11.0	35.3	61.7	86.0	110.2	134.5	156.5
	243	-	30.9	55.1	77.2	101.4	123.5	145.5
	256	-	26.5	48.5	70.5	92.6	112.4	134.5
	269	-	19.8	41.9	63.9	83.8	103.6	123.5
	282	-	17.6	37.5	57.3	77.2	97.0	114.6
	295	-	13.2	33.1	50.7	70.5	90.4	108.0
	308	-	8.8	28.7	46.3	63.9	83.8	101.4
	321	-	-	24.3	41.9	59.5	77.2	92.6
	335	-	-	19.8	37.5	55.1	70.5	86.0
	348	-	-	17.6	33.1	50.7	66.1	77.2
	361	-	-	15.4	30.9	46.3	61.7	70.5

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

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

Lifting capacities main boom with Superlift

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

452.8 ft Main boom

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

Remarks

1) with 132,000 lb central ballast

Superlift mast 98.4 ft

Notes to lifting capacity

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

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

Crane operation is permissible up to a

wind pressure of 1.25 lb/ft²

wind speed of 32 ft/s

Consult operation manual for further details on wind speed.

Machine must be on firm and level ground to utilize max. tabulated ratings. Boom lengths and load must be reduced in case of out-of-level conditions or travel on uneven ground.

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