



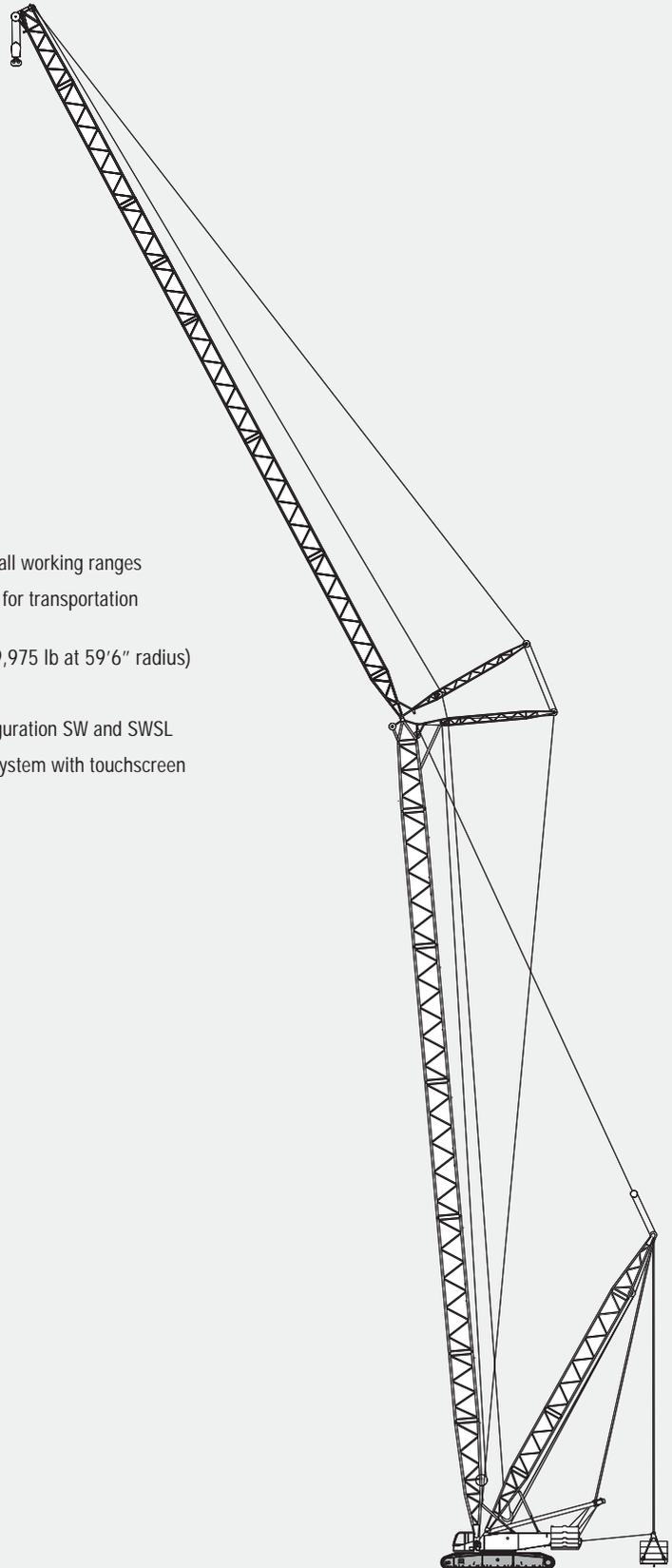
DEMAG CC2000-1 | Crawler Crane 330 ton Lifting Capacity



DEMAG CC2000-1
CRAWLER CRANE

DEMAG CC2000-1 HIGHLIGHTS

- Excellent lifting capacities throughout all working ranges
- Transport width of boom system 7.9 ft for transportation in taut-liner
- Maximum load moment 4572 tm (559,975 lb at 59'6" radius)
- Variable Superlift radius
- Variable offset of main boom for configuration SW and SWSL
- Innovative Demag IC-1 crane control system with touchscreen



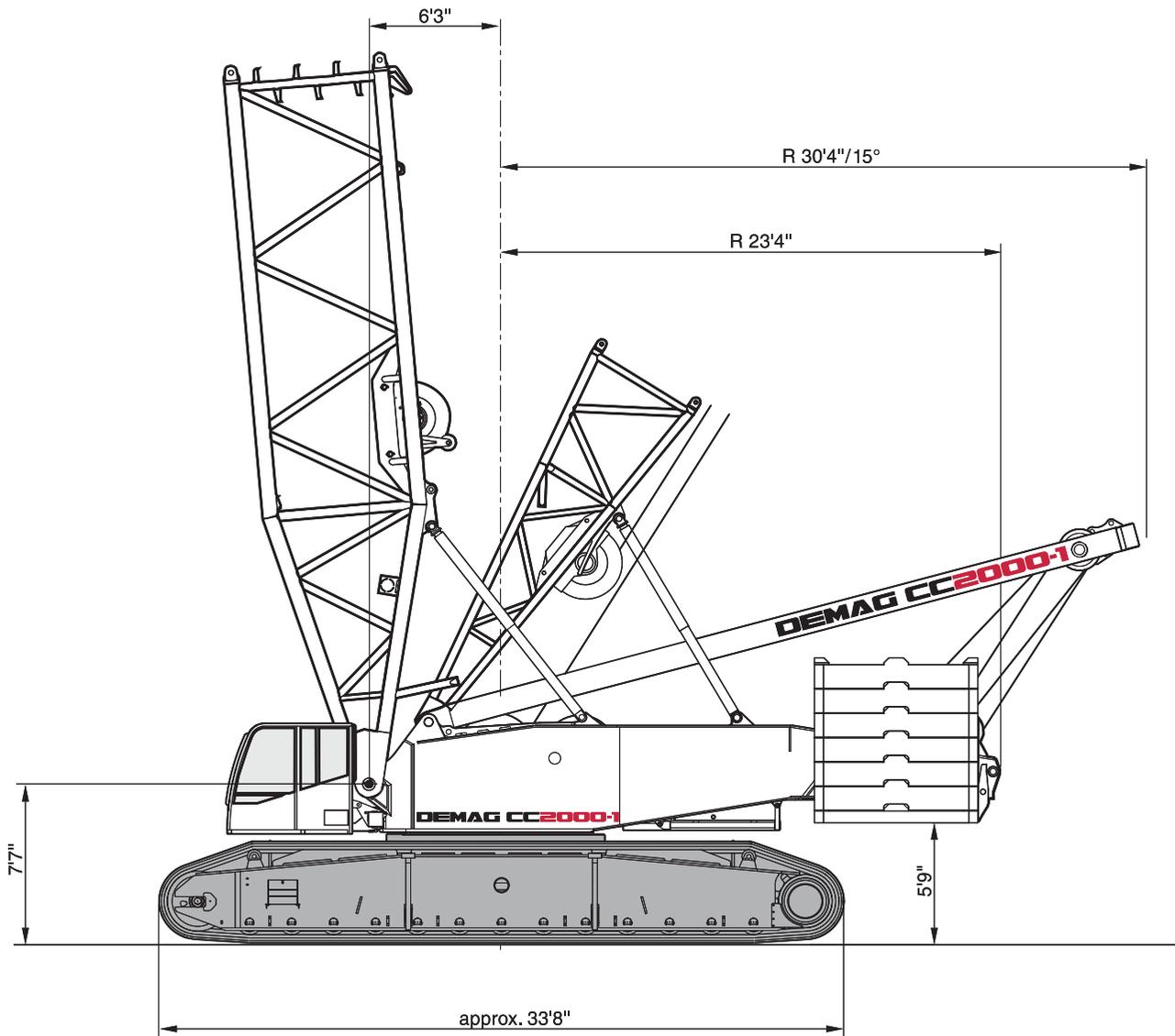
CONTENTS

	Page:	
Specifications		
Specifications	4	1
Superlift configurations	6	
Specifications	7	
Boom combinations	10	
Erection / lowering	12	
Main boom		
Working ranges (SH, SH / LH)	13	2
Lifting capacities (SH, SH / LH)	14	
Working ranges with Superlift (SSL, SSL/LSL)	16	
Lifting capacities with Superlift (SSL, SSL/LSL)	17	
Fixed fly jib		
Working ranges, 10° (SH + LF, SH/LH + LF)	20	3
Lifting capacities (SH + LF, SH/LH + LF)	21	
Working ranges with Superlift (SSL + LF, SSL/LSL + LF)	28	
Lifting capacities with Superlift (SSL + LF, SSL/LSL + LF)	29	
Luffing fly jib		
Working ranges (SW)	38	4
Lifting capacities (SW)	39	
Working ranges (SWSL)	48	
Lifting capacities with Superlift (SWSL)	49	
Technical description		
Crawler carrier · Superstructure · Optional equipment	72	5
Boom configurations · Superlift configurations	73	
Transport example for CC 2000-1		
.....	74	6

SPECIFICATIONS
WORKING SPEEDS (INFINITELY VARIABLE)

Mechanisms	Speeds ¹⁾	Single line pull	Length of hoist rope
Hoist I	max. 492 ft / min	33,709 lb / 29,889 lb ²⁾	3346 ft
Hoist II	max. 426 ft / min	33,709 lb / 30,564 lb ²⁾	2296 ft
Boom derricking	max. 456 ft / min		
Boom hoist	max. 177 ft / min		
Jib luffing	max. 361 ft / min		
Slewing (RPM)	1.4		

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

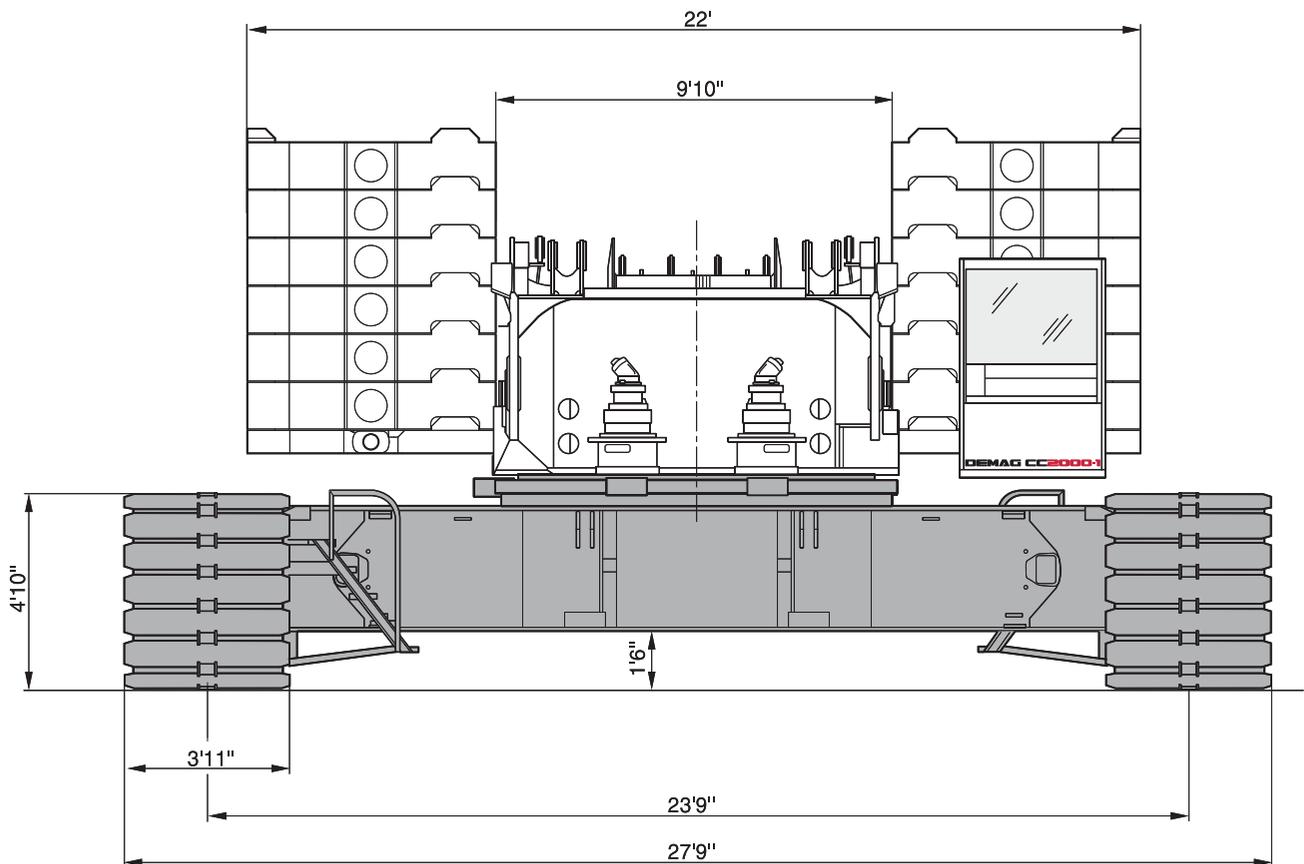
BASIC CRANE DIMENSIONS


SPECIFICATIONS
CARRIER PERFORMANCE

 Travel speed max. 1.24 mph
HOOK BLOCKS

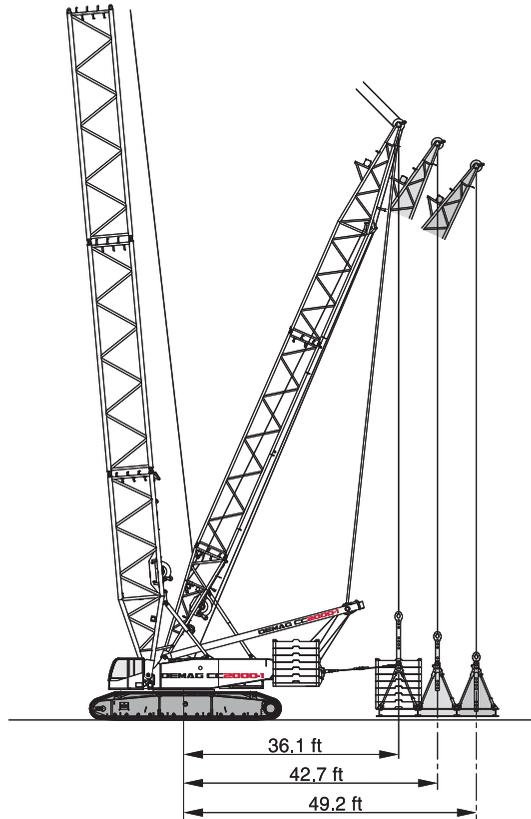
Type	Possible load ¹⁾	Number of sheaves	Number of lines	Weight	„D“
300*	661,387 lb	11	22	15,433 lb	16'5"
200*	440,925 lb	7	15	10,142 lb	16'5"
160	352,740 lb	5	11	9,260 lb	13'1"
100	220,463 lb	3	7	7,717 lb	11'6"
50	110,232 lb	1	3	3,748 lb	9'11"
15	33,070 lb	Single line hook	1	1,985 lb	8'2.5"

* The hook block type 300 can be converted into the hook block type 200

¹⁾ Varies depending on national regulations


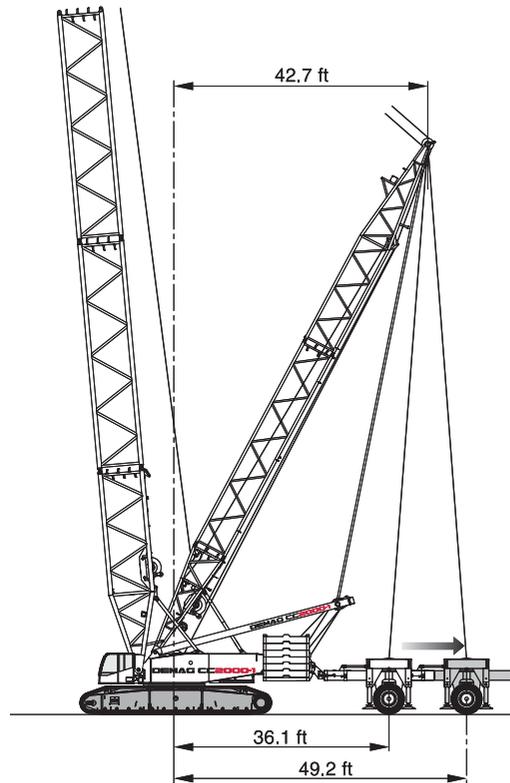
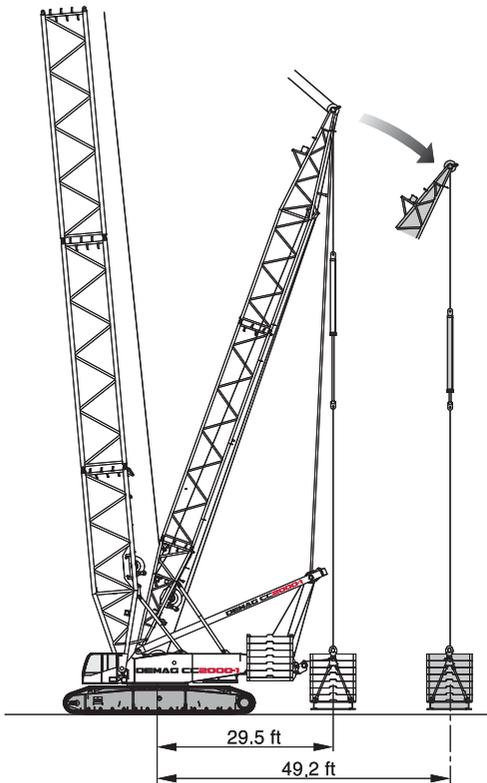
SUPERLIFT CONFIGURATIONS

STANDARD-SL  36'1", 42'8", 49'3"



VARIO-SL  29'6" – 49'3"

TELE-SL  36'1" – 49'3"

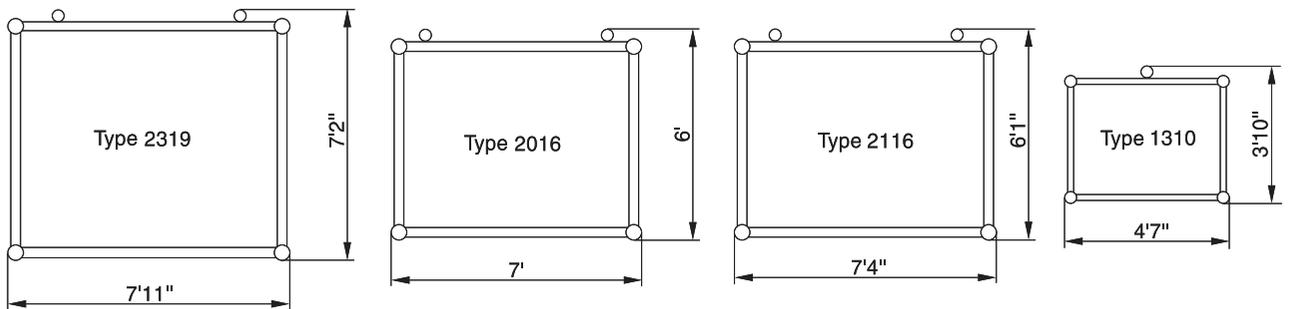
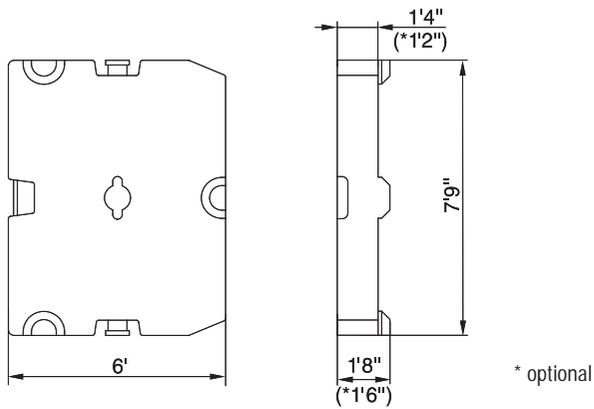
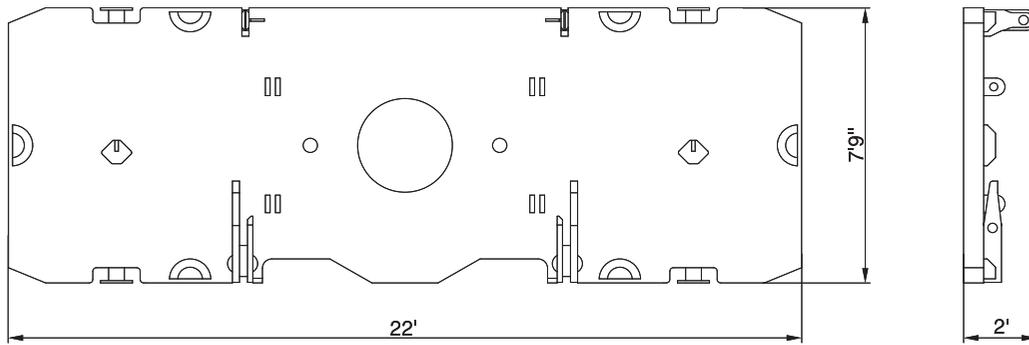
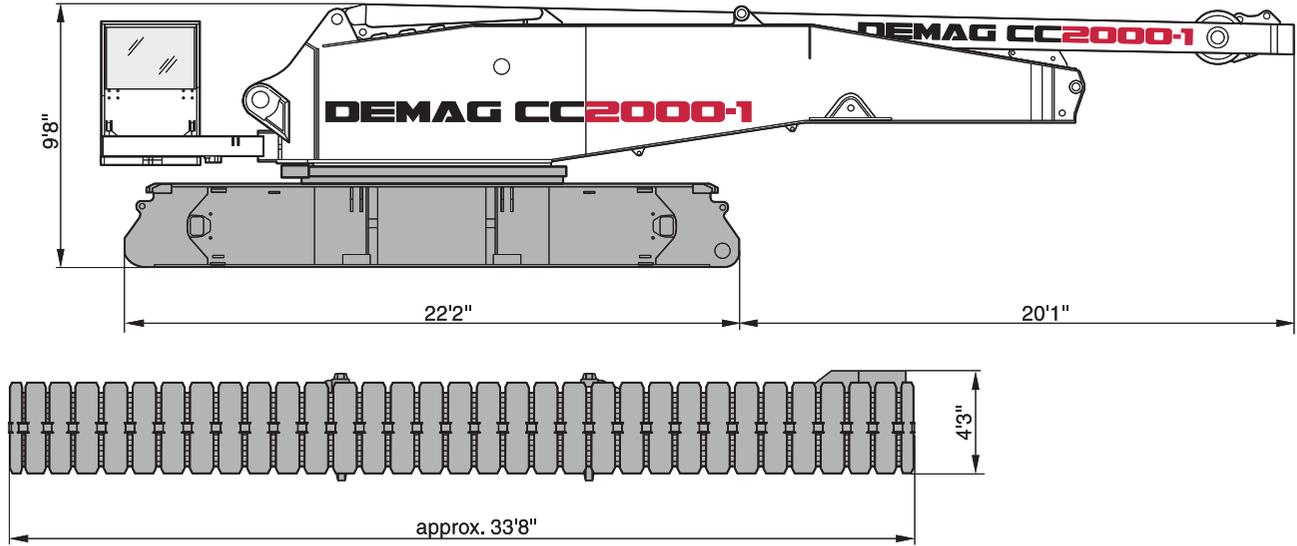


SPECIFICATIONS
WEIGHTS

Total weight incl. 176,370 lb counterweight, 78'9" boom and hook block	449,744 lb
Superstructure (with 3 winches, A-frame, carbody, self-assembly equipment)	131,196 lb
Superstructure (with 3 winches, A-frame and quick-connection)	87,304 lb
Carbody with jacks and quick-connection	48,282 lb
Crawlers with track shoes (3'11")	2 x 51,589 lb
Counterweight	220,463 lb

GROUND PRESSURE

Ground pressure (based on total weight of 449,744 lb)	16.1 psi
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SPECIFICATIONS


KEY

-  Track

-  Counterweight + central ballast (ZB)

-  Superlift counterweight

-  Superlift radius

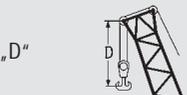
-  Load radius

-  Main boom

-  Fly jib

-  Main boom angle

-  Fly jib angle

-  „D“

- S: heavy

- L: light

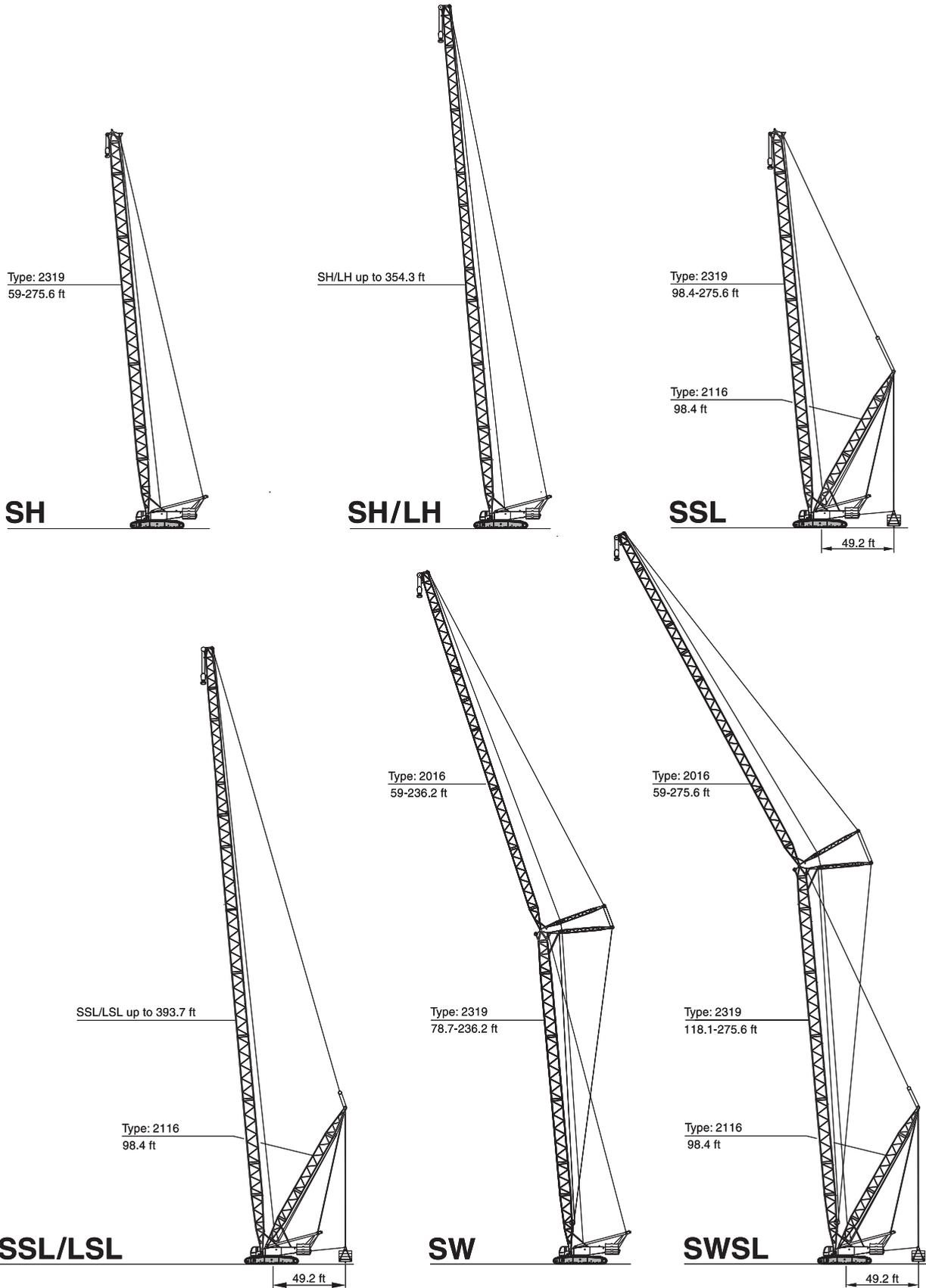
- H: Main boom

- W: Luffing fly jib

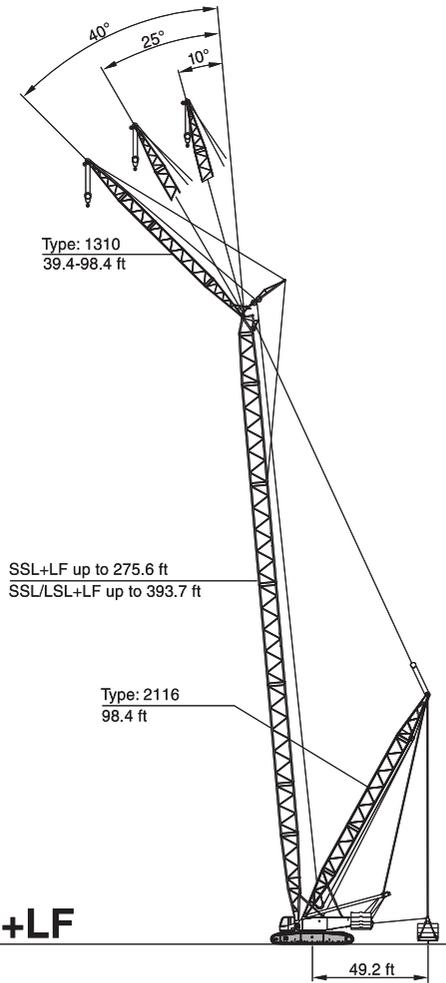
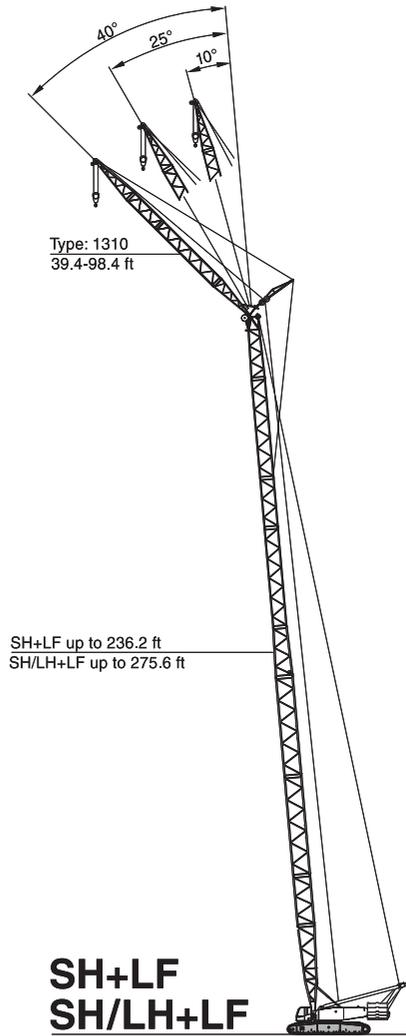
- F: Fixed fly jib

- SL: Superlift

- SGL: Heavy base length

BOOM COMBINATIONS


BOOM COMBINATIONS



ERECTION / LOWERING OF THE CC 2000-1 BOOM SYSTEMS TO THE GROUND

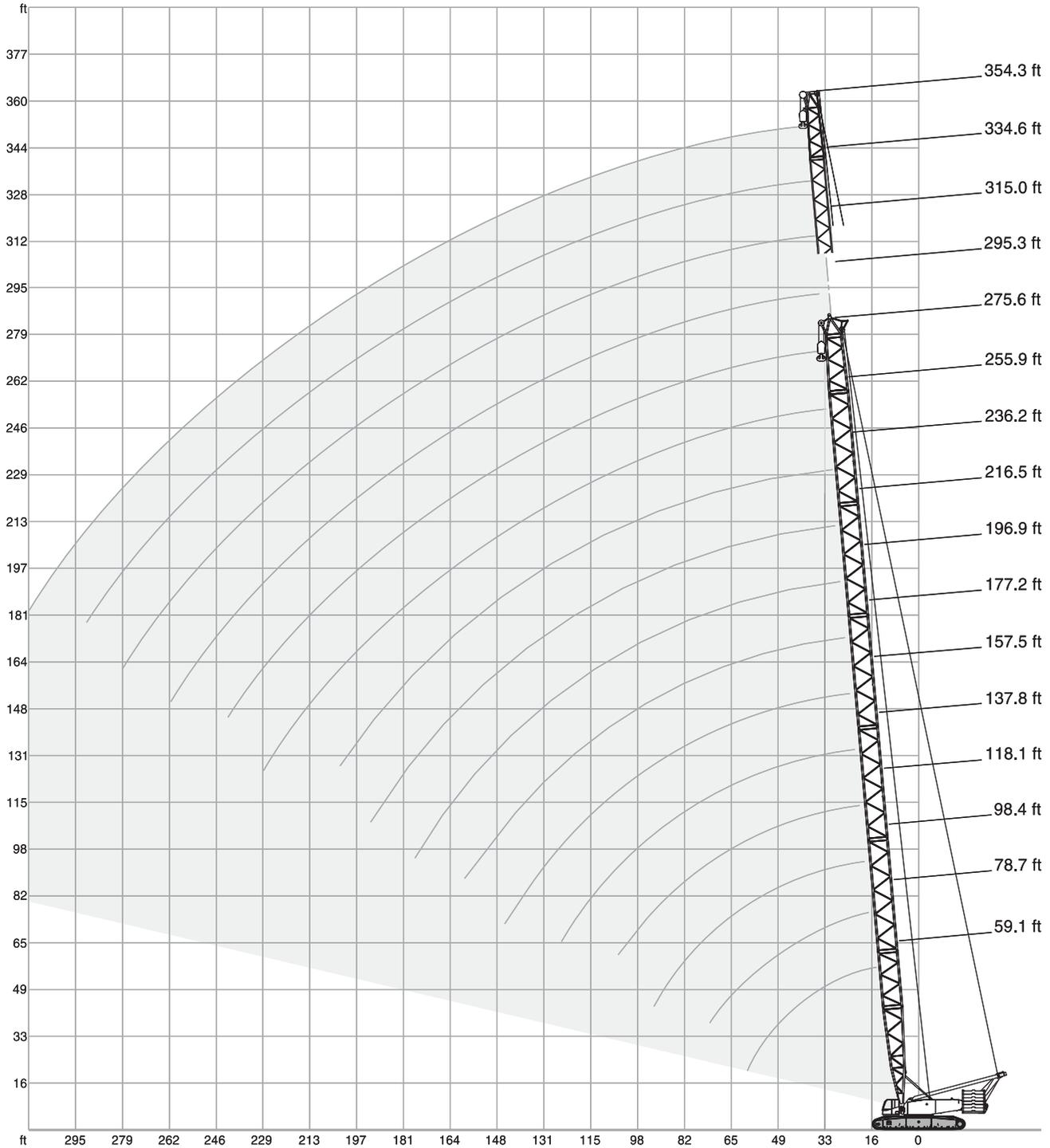
Boom combination	Fly jib (ft)	Main boom																		
		(ft)	59.1	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6	295.3	315.0	334.6	354.3	374.0	393.7
SH			X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-
SH/LH			-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	-	-
SW 85°	59.1		-	X	X	X	X	X	X	(X)	[X]	-	-	-	-	-	-	-	-	-
	78.7		-	X	X	X	X	X	X	(X)	[X]	-	-	-	-	-	-	-	-	-
	98.4		-	X	X	X	X	X	X	(X)	[X]	-	-	-	-	-	-	-	-	-
	118.1		-	X	X	X	X	X	X	(X)	[X]	-	-	-	-	-	-	-	-	-
	137.8		-	X	X	X	X	X	X	(X)	[X]	-	-	-	-	-	-	-	-	-
	157.5		-	X	X	X	X	X	X	(X)	[X]	-	-	-	-	-	-	-	-	-
	177.2		-	X	X	X	X	X	X	X	[X]	-	-	-	-	-	-	-	-	-
	196.9		-	X	X	X	X	X	X	X	(X)	-	-	-	-	-	-	-	-	-
	216.5		-	X	X	X	X	X	X	X	(X)	-	-	-	-	-	-	-	-	-
236.2		-	X	X	X	X	X	X	X	(X)	-	-	-	-	-	-	-	-	-	
SH + LF	39.4		-	-	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-	
SH/LH + LF	39.4		-	-	-	-	-	X	X	X	X	X	X	-	-	-	-	-	-	
SSL			-	-	0	0	0	0	0	0	0	0	10	-	-	-	-	-	-	
SSL / LSL			-	-	-	-	-	-	-	-	-	0	5	15	20	20	25	35	45	
SSL + LF	39.4		-	-	0	0	0	0	0	0	5	15	25	-	-	-	-	-	-	
SSL / LSL + LF	39.4		-	-	-	-	-	-	-	-	-	15	15	20	30	40	50	55	70	
SWSL	59.1		-	-	-	0	0	0	10	20	35	50	60	70	-	-	-	-	-	
	78.7		-	-	-	0	0	0	10	25	40	50	60	75	-	-	-	-	-	
	98.4		-	-	-	0	0	0	10	25	40	45	60	75	-	-	-	-	-	
	118.1		-	-	-	0	0	0	10	25	35	50	65	80	-	-	-	-	-	
	137.8		-	-	-	0	0	0	5	15	30	45	65	80	-	-	-	-	-	
	157.5		-	-	-	0	0	0	0	10	30	45	65	80	-	-	-	-	-	
	177.2		-	-	-	0	0	0	0	10	20	40	60	80	-	-	-	-	-	
	196.9		-	-	-	0	0	0	0	10	20	35	55	80	-	-	-	-	-	
	216.5		-	-	-	0	0	0	10	15	20	35	50	70	-	-	-	-	-	
	236.2		-	-	-	0	5	10	15	25	30	40	50	65	-	-	-	-	-	
	255.9		-	-	-	5	10	15	20	30	30	40	50	65	-	-	-	-	-	
275.6		-	-	-	10	10	20	25	30	40	45	55	70	-	-	-	-	-		

Remarks

- X without assisting equipment
- (X) idler wheel supported
- [X] with additional side jack
- O with assist crane

All Superlift combinations can be erected or lowered to the ground without assisting equipment.
The stated numbers represent the necessary SL-counterweight in [t].

SH, SH/LH



SH

23'9" 360° ISO

ft	59.1 ft		78.7 ft		118.1 ft		137.8 ft		157.5 ft		177.2 ft	
	264.6 klb+ 88.2 klb ZB	220.5 klb+ 44.1 klb ZB	264.6 klb+ 88.2 klb ZB	220.5 klb+ 44.1 klb ZB	308.6 klb+ 88.2 klb ZB	220.5 klb						
	1,000 lb											
16.4	661.4	661.4	-	-	-	-	-	-	-	-	-	-
18.0	661.4	634.9	650.4	650.4	-	-	-	-	-	-	-	-
19.7	661.4	610.7	650.4	650.4	-	-	-	-	-	-	-	-
21.3	661.4	588.6	650.4	628.3	604.1	502.7	-	-	-	-	-	-
23.0	646.0	571.0	650.4	575.4	604.1	460.8	540.1	427.7	-	-	-	-
26.2	604.1	518.1	573.2	478.4	557.8	390.2	522.5	366.0	474.0	343.9	377.0	324.1
29.5	502.7	418.9	491.6	410.1	485.0	339.5	458.6	319.7	432.1	302.0	377.0	286.6
32.8	421.1	350.5	418.9	348.3	427.7	299.8	407.9	284.4	385.8	269.0	363.8	255.7
39.4	315.3	262.4	313.1	260.1	346.1	240.3	330.7	229.3	317.5	219.4	304.2	209.4
45.9	251.3	209.4	249.1	207.2	275.6	191.8	275.6	189.6	269.0	184.1	257.9	177.5
52.5	208.3	173.1	206.1	170.9	227.1	157.6	227.1	155.4	224.9	154.3	222.7	152.1
59.1	177.5	147.7	175.3	145.5	194.0	132.3	191.8	131.2	190.7	130.1	190.7	129.0
65.6	-	-	152.1	125.7	167.6	113.5	166.4	112.4	165.3	111.3	164.2	110.2
72.2	-	-	134.5	110.2	147.7	99.9	145.5	98.1	144.4	97.0	143.3	96.3
75.5	-	-	126.8	104.7	139.4	94.1	137.2	92.4	136.1	91.2	135.6	90.5
78.7	-	-	-	-	131.2	88.4	129.0	86.6	127.9	85.3	127.9	84.7
85.3	-	-	-	-	117.9	78.9	115.7	77.2	114.6	75.8	113.5	75.0
91.9	-	-	-	-	107.1	71.2	105.2	69.2	104.1	67.9	103.2	67.0
98.4	-	-	-	-	97.9	64.6	95.9	62.6	94.6	61.3	93.7	60.4
108.3	-	-	-	-	86.6	56.7	84.8	54.8	83.3	53.4	82.3	52.3
111.5	-	-	-	-	-	-	81.1	52.2	79.6	50.7	78.5	49.6
124.7	-	-	-	-	-	-	69.9	44.5	68.1	42.5	67.0	41.4
137.8	-	-	-	-	-	-	-	-	59.3	36.6	58.0	35.1
144.4	-	-	-	-	-	-	-	-	55.8	34.0	54.5	32.4
150.9	-	-	-	-	-	-	-	-	-	-	50.9	29.8
160.8	-	-	-	-	-	-	-	-	-	-	46.5	26.7

ft	196.9 ft		216.5 ft		236.2 ft		255.9 ft		275.6 ft	
	308.6 klb+ 88.2 klb ZB	220.5 klb								
	1,000 lb									
29.5	315.3	271.2	255.7	255.7	-	-	-	-	-	-
32.8	306.4	242.5	255.7	231.5	215.0	215.0	181.9	181.9	-	-
36.1	299.8	220.5	255.7	210.5	215.0	200.6	181.9	181.9	153.2	153.2
39.4	291.0	200.6	253.5	192.9	213.8	184.1	180.8	176.4	153.2	153.2
45.9	246.9	169.8	240.3	163.1	212.7	156.5	179.7	149.9	152.1	143.3
52.5	216.1	145.5	208.3	141.1	201.7	135.6	179.7	130.1	151.0	124.6
59.1	189.6	127.9	184.1	123.5	177.5	117.9	172.0	113.5	151.0	109.3
65.6	163.1	110.0	163.1	109.3	158.7	104.9	153.2	101.0	146.6	96.8
72.2	143.3	95.5	142.2	95.2	141.1	93.5	137.8	89.9	133.4	86.2
78.7	126.8	83.8	125.7	83.3	124.6	82.2	124.6	80.7	120.2	77.2
85.3	113.5	74.1	112.4	73.9	111.3	72.5	110.2	71.7	109.8	69.4
91.9	102.3	66.1	101.9	65.7	100.5	64.6	99.6	63.5	98.5	62.4
98.4	92.6	59.3	92.4	59.1	91.1	57.8	89.9	56.7	88.8	55.6
111.5	77.4	48.5	76.9	48.1	75.6	46.7	74.7	45.9	73.6	44.5
124.7	65.9	40.3	65.3	39.9	63.9	38.4	63.1	37.0	61.7	35.7
137.8	56.7	33.5	56.2	32.8	54.9	31.3	53.8	30.0	52.5	28.7
150.9	49.4	28.2	48.7	27.3	47.4	25.8	46.3	24.5	45.0	22.9
164.0	43.4	23.8	42.8	22.9	41.2	21.2	39.9	19.8	38.4	18.3
177.2	38.6	20.3	37.7	19.2	35.9	17.4	34.4	16.1	33.1	14.6
190.3	-	-	33.3	16.1	31.3	14.1	30.0	12.8	28.2	11.2
193.6	-	-	32.2	15.4	30.4	13.4	28.9	12.0	27.3	-
196.9	-	-	-	-	29.4	12.8	27.8	11.2	26.3	-
203.4	-	-	-	-	27.6	11.5	26.0	-	24.3	-
210.0	-	-	-	-	25.8	-	24.3	-	22.6	-
216.5	-	-	-	-	-	-	22.7	-	20.9	-
229.7	-	-	-	-	-	-	19.8	-	17.9	-
242.8	-	-	-	-	-	-	-	-	15.4	-
246.1	-	-	-	-	-	-	-	-	14.8	-
255.9	-	-	-	-	-	-	-	-	-	-

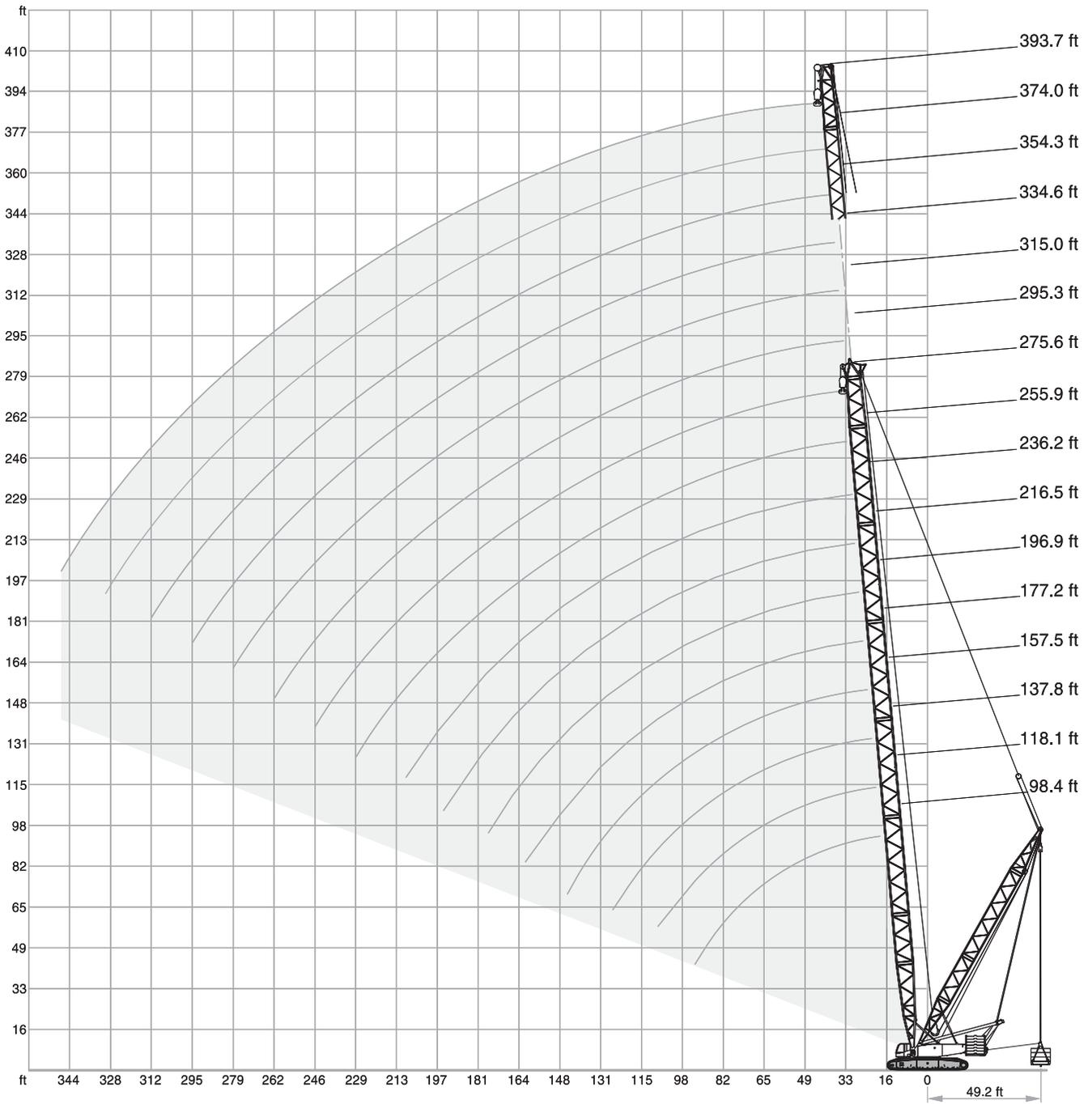
SH/LH

23'9" 360° ISO

ft	137.8 ft		157.5 ft		177.2 ft		196.9 ft		216.5 ft		236.2 ft	
	308.6 klb + 88.2 klb ZB	220.5 klb	308.6 klb + 88.2 klb ZB	220.5 klb	308.6 klb + 88.2 klb ZB	220.5 klb	308.6 klb + 88.2 klb ZB	220.5 klb	308.6 klb + 88.2 klb ZB	220.5 klb	308.6 klb + 88.2 klb ZB	220.5 klb
	1,000 lb											
23.0	308.6	308.6	308.6	308.6	-	-	-	-	-	-	-	-
26.2	308.6	308.6	308.6	308.6	299.8	299.8	-	-	-	-	-	-
29.5	308.6	308.6	308.6	306.4	284.4	284.4	231.5	231.5	203.9	203.9	-	-
32.8	308.6	286.6	297.6	273.4	271.2	260.1	227.1	227.1	203.9	203.9	186.3	186.3
39.4	306.4	233.7	273.4	224.9	244.7	215.0	218.3	206.1	197.3	197.3	175.3	175.3
45.9	277.8	196.2	244.7	189.6	220.5	181.9	208.3	175.3	190.7	168.7	164.2	160.9
52.5	231.5	162.0	216.1	160.9	197.3	157.6	196.2	152.1	184.1	145.5	152.1	140.0
59.1	198.4	136.7	197.3	136.7	175.3	134.5	184.1	133.4	175.3	127.9	143.3	123.5
65.6	172.0	117.9	170.9	117.9	160.9	115.7	168.7	115.7	167.6	113.5	134.5	110.0
72.2	151.0	103.8	151.0	103.4	146.6	101.9	148.8	101.2	147.7	100.1	126.8	98.5
78.7	134.5	92.2	134.5	91.7	132.3	90.2	132.3	89.5	131.2	88.4	119.0	86.9
85.3	121.3	82.7	121.3	82.2	119.0	80.5	119.0	79.8	117.9	78.7	111.3	77.2
91.9	110.2	74.7	110.2	74.1	108.5	72.5	107.8	71.7	106.7	70.8	105.2	69.0
98.4	101.2	67.9	100.8	67.5	99.0	65.7	98.3	65.0	97.2	63.9	95.5	62.2
111.5	86.2	57.3	85.5	56.7	83.8	54.9	82.9	54.0	81.8	52.9	80.2	51.4
124.7	74.7	49.2	74.1	48.5	69.9	46.7	71.2	45.9	70.1	44.5	68.6	43.0
137.8	-	-	65.0	42.1	59.5	40.3	62.2	39.2	60.8	38.1	59.3	36.4
141.1	-	-	63.1	40.8	57.9	39.0	60.3	37.9	59.0	36.8	57.4	35.0
150.9	-	-	-	-	52.9	35.1	54.7	34.0	53.6	32.8	51.8	30.9
160.8	-	-	-	-	50.3	32.0	50.2	30.8	48.9	29.4	47.2	27.4
164.0	-	-	-	-	-	-	48.7	29.8	47.4	28.2	45.6	26.2
177.2	-	-	-	-	-	-	43.7	26.2	42.3	24.5	40.6	22.5
190.3	-	-	-	-	-	-	-	-	37.9	21.4	35.5	19.2
193.6	-	-	-	-	-	-	-	-	37.0	20.7	34.3	18.5
203.4	-	-	-	-	-	-	-	-	-	-	30.9	16.5
210.0	-	-	-	-	-	-	-	-	-	-	28.9	15.4

ft	255.9 ft		275.6 ft		295.3 ft		315.0 ft		334.6 ft		354.3 ft	
	1,000 lb											
32.8	147.7	147.7	-	-	-	-	-	-	-	-	-	-
36.1	146.1	146.1	119.0	119.0	95.2	95.2	-	-	-	-	-	-
39.4	144.4	144.4	116.8	116.8	95.2	95.2	76.7	76.7	78.3	78.3	-	-
42.7	140.5	140.5	114.1	114.1	93.0	93.0	75.7	75.7	77.5	77.5	62.2	62.2
45.9	136.7	136.7	111.3	111.3	90.8	90.8	74.7	74.7	76.7	76.7	62.2	62.2
52.5	129.0	129.0	107.6	107.6	86.9	86.9	70.8	70.8	73.4	73.4	59.7	59.7
59.1	121.3	120.2	103.8	103.8	83.3	83.3	67.2	67.2	70.3	70.3	57.5	57.5
65.6	115.7	107.4	100.3	100.3	80.2	80.2	64.2	64.2	67.7	67.7	55.1	55.1
72.2	110.2	96.3	97.4	93.0	77.6	77.6	61.1	61.1	65.3	65.3	52.7	52.7
78.7	105.4	87.1	95.0	84.0	75.4	75.4	58.4	58.4	63.1	63.1	50.3	50.3
85.3	100.3	77.8	93.0	76.3	73.6	73.6	56.2	56.2	61.1	61.1	47.8	47.8
91.9	95.2	69.7	89.9	69.0	72.1	67.9	54.0	54.0	59.5	59.5	45.2	45.2
98.4	90.4	62.8	86.9	62.2	70.1	61.7	52.5	52.5	58.2	56.9	42.8	42.8
111.5	80.7	51.8	80.0	51.1	66.1	50.7	49.8	49.8	55.3	47.2	39.0	39.0
124.7	69.0	43.4	68.1	42.8	62.2	42.3	47.2	41.7	52.5	39.0	38.4	36.4
137.8	59.7	36.8	58.9	36.2	58.4	35.7	44.8	34.8	49.6	32.4	37.9	30.0
150.9	52.2	31.3	51.4	30.4	50.9	30.0	42.1	29.1	46.7	27.1	37.3	24.7
164.0	46.1	26.7	45.2	25.8	44.8	25.4	39.5	24.5	42.5	22.7	36.2	20.5
177.2	40.8	22.9	39.9	21.8	39.7	21.4	36.8	20.5	37.3	18.7	34.4	16.8
190.3	36.4	19.6	35.5	18.5	35.1	18.1	34.2	17.2	32.4	15.2	31.1	13.7
203.4	32.2	16.8	31.5	15.7	31.1	15.2	30.2	14.1	28.4	12.3	26.9	11.0
216.5	27.6	14.3	28.0	13.2	27.6	12.6	26.7	11.7	24.9	9.9	23.4	8.4
226.4	24.3	12.8	25.8	11.6	25.4	11.0	24.3	10.0	22.4	8.3	21.1	6.7
232.9	-	-	24.5	10.6	23.8	10.1	22.9	9.0	20.9	7.2	19.6	5.7
242.8	-	-	22.5	9.3	21.8	8.6	20.7	7.5	19.0	5.7	17.6	-
246.1	-	-	21.8	8.8	21.3	8.2	20.1	7.1	18.4	-	17.0	-
255.9	-	-	-	-	19.6	7.1	18.3	6.0	16.5	-	15.2	-
262.5	-	-	-	-	18.5	6.2	17.3	-	14.3	-	14.1	-
269.0	-	-	-	-	-	-	16.3	-	12.1	-	13.0	-
278.9	-	-	-	-	-	-	14.8	-	9.0	-	11.5	-
288.7	-	-	-	-	-	-	-	-	5.7	-	10.1	-
295.3	-	-	-	-	-	-	-	-	-	-	9.3	-
311.7	-	-	-	-	-	-	-	-	-	-	7.3	-

SSL, SSL/LSL



SSL

220,500 lb 23'9" 360° ISO

ft	98.4 ft		118.1 ft		137.8 ft		157.5 ft	
	0 lb	0-441 klb						
	29.5 ft	29.5-49.2ft						
	1,000 lb							
19.7	632.7	641.5	-	-	-	-	-	-
21.3	619.5	641.5	568.8	630.5	-	-	-	-
23.0	562.2	641.5	520.3	630.5	482.8	617.3	-	-
24.6	515.9	641.5	478.4	630.5	447.5	617.3	418.9	544.5
26.2	474.0	641.5	443.1	630.5	414.5	617.3	390.2	544.5
29.5	410.1	641.5	385.8	630.5	363.8	617.3	343.9	544.5
32.8	359.4	641.5	339.5	630.5	321.9	617.3	306.4	544.5
39.4	280.0	628.3	275.6	630.5	262.4	617.3	251.3	544.5
45.9	222.7	606.3	220.5	610.7	219.4	617.3	211.6	544.5
52.5	184.1	586.4	181.9	582.0	180.8	588.6	179.7	540.1
59.1	155.4	560.0	154.3	555.6	152.1	555.6	151.0	513.7
65.6	134.5	500.4	133.4	498.2	131.2	496.0	130.1	489.4
72.2	117.9	443.1	116.8	449.7	114.6	447.5	113.5	445.3
78.7	105.6	385.8	103.8	407.9	101.9	405.7	100.8	405.7
85.3	95.0	346.1	93.0	374.8	91.1	372.6	89.9	370.4
91.9	86.4	302.0	84.2	341.7	82.2	339.5	80.9	339.5
98.4	-	-	76.7	313.1	74.5	313.1	73.4	310.9
108.3	-	-	67.5	262.4	65.4	278.9	64.0	277.8
111.5	-	-	-	-	62.6	269.0	61.3	266.8
124.7	-	-	-	-	53.8	235.9	52.0	233.7
137.8	-	-	-	-	-	-	45.2	208.9
144.4	-	-	-	-	-	-	42.1	197.3
150.9	-	-	-	-	-	-	-	-

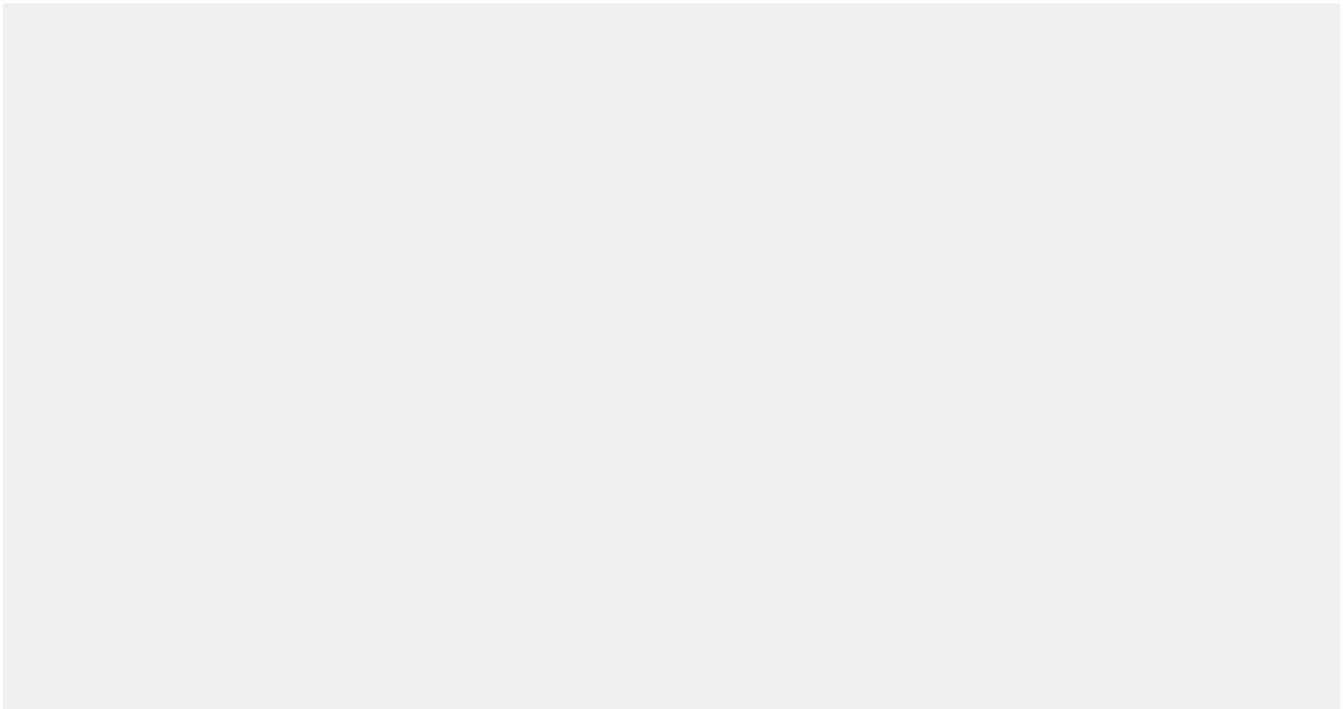
308,600 lb + 88,200 lb ZB 23'9" 360° ISO

ft	177.2 ft		196.9 ft		216.5 ft		236.2 ft		255.9 ft		275.6 ft	
	0 lb	0-441 klb										
	29.5 ft	29.5-49.2ft										
	1,000 lb											
27.9	438.7	458.6	368.2	385.8	-	-	-	-	-	-	-	-
29.5	432.1	458.6	368.2	385.8	308.6	319.7	-	-	-	-	-	-
32.8	388.0	458.6	368.2	385.8	308.6	319.7	257.9	266.8	218.3	227.1	-	-
36.1	350.5	458.6	335.1	385.8	308.6	319.7	257.9	266.8	218.3	227.1	185.2	194.0
39.4	319.7	458.6	306.4	385.8	295.4	319.7	257.9	266.8	218.3	227.1	185.2	194.0
45.9	271.2	458.6	262.4	385.8	253.5	319.7	242.5	266.8	218.3	227.1	185.2	192.9
52.5	235.9	458.6	227.1	385.8	220.5	319.7	212.7	266.8	206.1	227.1	185.2	192.9
59.1	202.8	454.2	200.6	385.8	195.1	319.7	188.5	266.8	181.9	227.1	176.4	192.9
65.6	175.3	432.1	175.3	381.4	174.2	319.7	168.7	266.8	163.1	227.1	157.6	190.7
72.2	154.3	414.5	153.2	361.6	153.2	313.1	152.1	266.8	146.6	224.9	142.2	188.5
78.7	136.7	399.0	135.6	348.3	135.6	304.2	134.5	262.4	133.4	224.9	129.0	186.3
85.3	122.4	383.6	121.3	337.3	121.3	293.2	120.2	255.7	119.0	220.5	117.9	184.1
91.9	110.2	354.9	110.0	328.5	109.6	286.6	108.5	249.1	107.6	217.2	106.3	180.8
98.4	101.0	326.3	100.1	317.5	99.6	280.0	98.3	244.7	97.4	212.7	96.3	176.4
111.5	84.9	284.4	84.0	284.4	83.6	269.0	82.2	238.1	81.1	205.0	80.0	169.8
124.7	72.8	249.1	71.7	249.1	71.2	251.3	69.9	233.7	68.8	199.5	67.7	164.2
137.8	63.5	223.8	62.3	223.2	61.6	223.8	60.3	222.1	59.3	197.3	58.0	162.0
150.9	55.9	201.2	54.5	200.6	53.8	201.2	52.4	200.1	51.4	191.8	50.0	159.8
160.8	50.9	184.1	49.5	186.3	48.8	186.3	47.3	185.2	46.4	182.7	45.0	156.5
164.0	-	-	48.1	181.9	47.4	181.9	45.9	180.8	44.9	179.1	43.4	154.3
177.2	-	-	42.8	165.3	42.1	165.9	40.5	164.8	39.2	164.2	37.7	145.0
190.3	-	-	-	-	37.5	152.1	35.7	151.0	34.3	149.9	32.7	135.0
193.6	-	-	-	-	36.4	148.8	34.6	147.7	33.1	146.6	31.6	132.6
203.4	-	-	-	-	-	-	31.6	138.9	30.1	137.8	28.4	125.1
210.0	-	-	-	-	-	-	29.8	133.4	28.2	132.3	26.5	120.2
216.5	-	-	-	-	-	-	-	-	26.6	127.9	24.8	115.7
229.7	-	-	-	-	-	-	-	-	23.4	119.0	21.7	107.5
242.8	-	-	-	-	-	-	-	-	-	-	19.0	99.5
246.1	-	-	-	-	-	-	-	-	-	-	18.3	97.4

SSL / LSL

308,600 lb + 88,200 lb ZB 23'9" 360° ISO

ft	255.9 ft		275.6 ft		295.3 ft		315.0 ft	
	0 lb	0-441 klb						
	29.5 ft	29.5-49.2ft						
	1,000 lb							
32.8	197.3	198.4	-	-	-	-	-	-
36.1	197.3	198.4	166.4	167.6	141.1	142.2	-	-
39.4	197.3	198.4	166.4	167.6	141.1	142.2	117.9	117.9
42.7	197.3	198.4	166.4	167.6	141.1	142.2	117.9	117.9
45.9	197.3	198.4	166.4	167.6	141.1	142.2	117.9	117.9
52.5	197.3	198.4	166.4	167.6	141.1	142.2	117.9	117.9
59.1	184.1	198.4	166.4	167.6	141.1	142.2	117.9	117.9
65.6	165.3	198.4	159.8	167.6	140.0	140.0	117.9	117.9
72.2	148.8	198.4	144.4	167.6	135.6	138.9	117.9	117.9
78.7	135.6	198.4	132.3	167.6	129.0	138.9	117.9	117.9
85.3	121.3	196.2	120.2	166.4	117.9	138.9	114.6	117.9
91.9	110.0	192.9	109.3	160.9	109.1	135.6	105.8	117.9
98.4	100.1	190.7	99.4	155.4	99.2	130.1	97.9	117.9
111.5	83.8	186.3	83.1	145.5	82.9	120.2	82.2	117.9
124.7	71.4	183.0	70.8	135.6	70.5	109.8	69.9	117.9
137.8	61.7	179.7	61.1	126.8	60.8	99.2	60.0	117.9
150.9	53.8	172.0	53.1	119.0	52.9	88.8	52.0	117.9
164.0	47.4	158.7	46.5	110.2	46.3	78.5	45.4	117.9
177.2	41.9	146.6	41.0	101.0	40.8	71.9	39.9	117.9
190.3	37.3	133.4	36.4	92.2	35.9	65.3	35.1	112.4
203.4	33.3	121.3	32.2	83.8	31.7	58.6	30.9	107.8
216.5	29.5	109.1	28.4	75.6	28.2	52.5	27.1	104.1
226.4	27.3	102.5	26.1	69.8	25.7	47.8	24.6	101.9
229.7	-	-	25.4	67.9	24.9	46.3	23.8	101.2
242.8	-	-	22.7	60.4	22.0	40.6	20.9	98.5
246.1	-	-	22.0	58.4	21.4	39.2	20.3	97.8
255.9	-	-	-	-	19.6	35.1	18.5	95.7
262.5	-	-	-	-	18.5	32.4	17.4	94.2
269.0	-	-	-	-	-	-	16.3	92.8
278.9	-	-	-	-	-	-	14.8	90.8
282.2	-	-	-	-	-	-	-	-



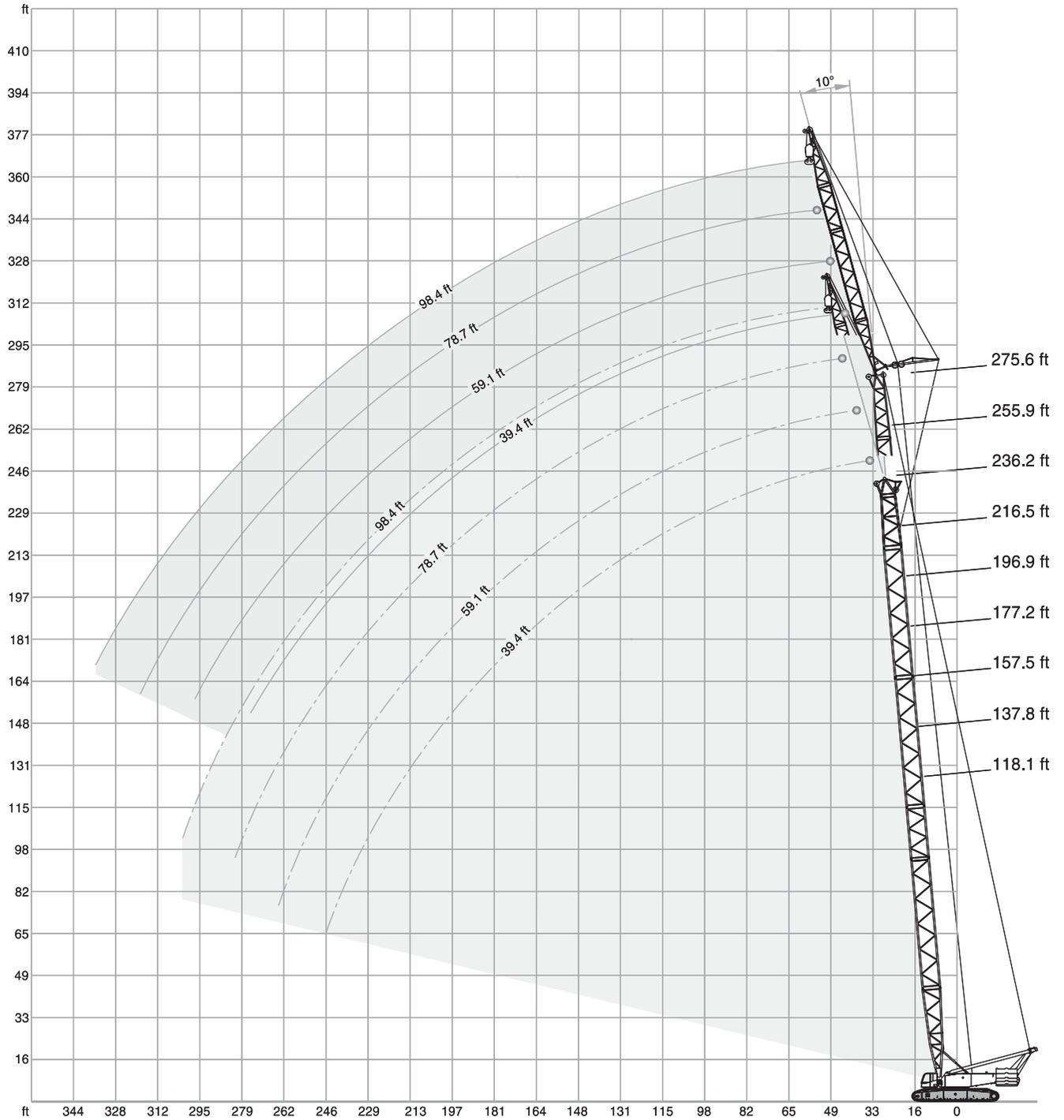
SSL / LSL

308,600 lb + 88,200 lb ZB 23'9" 360° ISO

ft	334.6 ft		354.3 ft		374.0 ft		393.7 ft	
	0 lb	0-441 klb						
	29.5 ft	29.5-49.2ft						
	1,000 lb							
39.4	101.2	101.2	-	-	-	-	-	-
42.7	101.2	101.2	85.5	85.5	64.8	71.9	-	-
45.9	101.2	101.2	85.5	85.5	64.8	71.9	56.2	60.4
52.5	101.2	101.2	85.5	85.5	63.9	71.9	56.0	60.2
59.1	101.2	101.2	85.5	85.5	63.3	71.9	55.3	60.2
65.6	101.2	101.2	85.5	85.5	62.6	71.9	54.9	60.0
72.2	101.2	101.2	85.5	85.5	61.7	71.9	54.5	60.0
78.7	101.2	101.2	85.5	85.5	61.1	71.9	54.0	59.7
85.3	101.2	101.2	85.5	85.5	61.1	71.9	53.8	59.3
91.9	101.2	101.2	85.5	85.5	61.1	71.9	53.8	58.9
98.4	96.1	101.2	85.5	85.5	61.1	71.9	53.8	58.2
111.5	82.7	98.8	80.2	83.8	61.1	71.4	53.8	57.3
124.7	70.3	96.1	69.0	80.2	61.1	70.1	53.1	56.2
137.8	60.4	93.5	59.3	76.9	59.1	68.8	52.2	54.9
150.9	52.5	91.1	51.4	73.4	50.9	67.5	49.6	53.8
164.0	45.9	88.4	44.8	70.1	44.5	66.1	43.0	52.5
177.2	40.3	86.0	39.0	66.8	38.8	64.8	37.3	51.1
190.3	35.5	83.6	34.0	63.3	33.7	63.5	32.4	49.8
203.4	31.1	81.6	29.8	60.8	29.3	62.2	28.0	48.5
216.5	27.3	79.6	26.0	59.3	25.6	60.2	24.3	47.2
226.4	24.9	78.1	23.5	58.1	23.3	58.9	21.8	46.4
229.7	24.0	77.6	22.7	57.8	22.5	58.4	20.9	46.1
242.8	21.2	75.8	19.8	56.2	19.4	56.7	18.1	45.0
246.1	20.6	75.6	19.2	55.8	18.8	56.2	17.4	44.7
255.9	18.7	74.7	17.2	54.9	17.0	54.9	15.4	43.9
262.5	17.5	74.3	16.1	54.5	15.8	53.9	14.3	43.4
269.0	16.3	73.9	15.0	54.0	14.6	52.9	13.2	43.0
278.9	14.8	73.2	13.5	53.5	13.1	51.6	11.7	42.2
282.2	14.3	73.0	13.0	53.4	12.6	51.1	11.2	41.9
295.3	12.6	72.1	11.0	52.5	10.8	49.4	9.3	41.0
308.4	-	-	9.5	51.6	9.0	47.4	7.5	40.1
311.7	-	-	9.0	51.4	8.7	47.0	7.2	39.9
321.5	-	-	-	-	7.5	45.6	6.2	39.2
324.8	-	-	-	-	7.2	45.2	5.7	39.0
331.4	-	-	-	-	6.6	44.3	-	38.6
334.6	-	-	-	-	-	-	-	38.4
347.8	-	-	-	-	-	-	-	37.5

2

SH + LF, SH/LH + LF



SH + LF

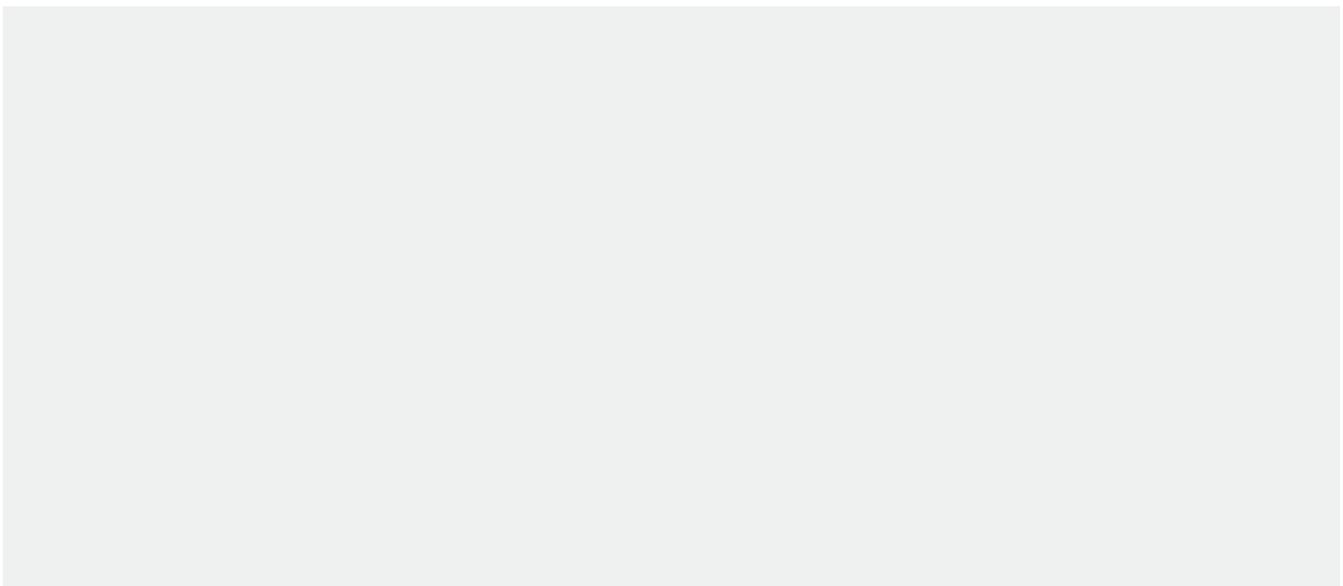
308,600 lb + 88,200 lb ZB
 39.4 - 98.4 ft
 23'9"
 360°
 ISO

ft	118.1 ft								137.8 ft							
	39.4 ft	59.1 ft		78.7 ft		98.4 ft		39.4 ft	59.1 ft		78.7 ft		98.4 ft			
	10°	10°	40°	10°	40°	10°	40°	10°	10°	40°	10°	40°	10°	40°		
	1,000 lb															
29.5	131.2	-	-	-	-	-	-	131.2	-	-	-	-	-	-		
32.8	131.2	131.2	-	-	-	-	-	131.2	-	-	-	-	-	-		
36.1	131.2	124.6	-	-	-	-	-	131.2	130.1	-	-	-	-	-		
39.4	131.2	117.9	-	94.6	-	-	-	131.2	124.6	-	98.3	-	-	-		
45.9	131.2	103.4	-	82.5	-	72.1	-	131.2	109.6	-	86.2	-	75.0	-		
52.5	129.0	91.5	-	73.0	-	63.7	-	131.2	97.4	-	76.7	-	66.4	-		
59.1	115.7	82.2	28.2	65.5	-	56.9	-	125.7	88.0	-	69.2	-	59.5	-		
62.3	110.6	78.4	27.6	62.3	-	54.0	-	120.2	84.0	27.8	66.0	-	56.8	-		
65.6	105.4	74.5	26.9	59.1	-	51.1	-	114.6	80.0	27.1	62.8	-	54.0	-		
72.2	96.3	68.1	25.6	54.0	-	46.5	-	105.2	73.2	26.0	57.5	-	49.2	-		
75.5	92.6	65.4	25.1	51.8	18.5	44.5	-	101.1	70.4	25.6	55.2	18.5	47.2	-		
78.7	88.8	62.6	24.7	49.6	18.1	42.5	-	97.0	67.7	25.1	52.9	18.3	45.2	-		
85.3	82.5	58.0	23.6	45.9	17.2	39.2	-	90.2	62.8	24.0	49.2	17.4	41.9	-		
88.6	79.6	56.0	23.3	44.2	16.9	37.8	13.4	87.2	60.7	23.7	47.4	17.1	40.3	13.4		
91.9	76.7	54.0	22.9	42.5	16.5	36.4	13.0	84.2	58.6	23.4	45.6	16.8	38.8	13.2		
98.4	72.1	50.5	22.0	39.7	15.9	33.7	12.6	78.9	54.9	22.5	42.8	16.1	36.2	12.6		
111.5	64.2	44.8	20.7	35.1	14.8	29.5	11.5	70.3	48.7	21.4	37.7	15.0	31.7	11.7		
124.7	57.8	40.1	19.8	31.3	13.9	26.2	10.6	63.5	43.9	20.3	33.7	14.1	28.2	10.8		
131.2	55.3	38.4	19.4	29.8	13.6	24.9	10.3	60.7	41.9	20.0	32.1	13.8	26.8	10.5		
137.8	52.9	36.6	-	28.2	13.2	23.6	9.9	58.0	39.9	19.6	30.4	13.4	25.4	10.1		
141.1	51.9	35.8	-	27.6	13.1	23.0	9.8	56.9	39.1	19.4	29.8	13.3	24.7	10.0		
144.4	50.9	35.1	-	27.0	12.9	22.4	9.6	55.8	38.3	-	29.1	13.1	24.1	9.8		
150.9	-	33.5	-	25.8	12.6	21.2	9.3	53.6	36.6	-	27.8	12.8	22.9	9.5		
160.8	-	31.9	-	24.1	-	19.8	8.9	50.1	34.6	-	26.1	12.6	21.4	9.1		
164.0	-	31.3	-	23.6	-	19.4	8.8	48.9	34.0	-	25.6	-	20.9	9.0		
170.6	-	-	-	22.8	-	18.6	8.6	-	32.8	-	24.7	-	20.2	8.8		
177.2	-	-	-	22.0	-	17.9	-	-	31.7	-	23.8	-	19.4	8.6		
180.4	-	-	-	21.7	-	17.5	-	-	31.3	-	23.4	-	19.0	8.6		
183.7	-	-	-	21.4	-	17.2	-	-	-	-	23.0	-	18.6	-		
190.3	-	-	-	-	-	16.5	-	-	-	-	22.3	-	17.9	-		
200.1	-	-	-	-	-	15.7	-	-	-	-	21.4	-	17.0	-		
203.4	-	-	-	-	-	-	-	-	-	-	-	-	16.8	-		
216.5	-	-	-	-	-	-	-	-	-	-	-	-	15.7	-		
219.8	-	-	-	-	-	-	-	-	-	-	-	-	15.4	-		
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

SH + LF

308,600 lb + 88,200 lb ZB 39.4 - 98.4 ft 23'9" 360° ISO

ft	157.5 ft								177.2 ft							
	39.4 ft	59.1 ft	78.7 ft	98.4 ft	39.4 ft	59.1 ft	78.7 ft	98.4 ft	39.4 ft	59.1 ft	78.7 ft	98.4 ft				
	10°	10°	40°	10°	40°	10°	40°	10°	10°	40°	10°	40°				
32.8	131.2	-	-	-	-	-	-	-	131.2	-	-	-	-			
36.1	131.2	131.2	-	-	-	-	-	-	131.2	-	-	-	-			
39.4	131.2	130.1	-	-	-	-	-	-	131.2	131.2	-	-	-			
42.7	131.2	122.4	-	95.2	-	-	-	-	131.2	125.7	-	-	-			
45.9	131.2	114.6	-	89.7	-	-	-	-	131.2	120.2	-	93.0	-			
49.2	131.2	108.8	-	85.0	-	73.0	-	-	131.2	114.1	-	88.3	-			
52.5	131.2	103.0	-	80.2	-	69.0	-	-	131.2	108.0	-	83.6	-			
59.1	131.2	93.3	-	72.5	-	62.2	-	-	131.2	98.1	-	75.8	-			
65.6	123.5	85.1	27.3	66.1	-	56.7	-	-	131.2	89.7	27.3	69.4	-			
72.2	113.5	78.0	26.2	60.8	-	51.8	-	-	121.3	82.7	26.5	63.9	-			
78.7	104.9	72.3	25.4	56.2	18.3	47.6	-	-	112.4	76.7	25.6	59.1	18.3			
85.3	97.7	67.2	24.5	52.0	17.6	44.1	-	-	104.7	71.4	24.7	55.1	17.6			
91.9	91.3	62.8	23.8	48.7	17.0	41.0	13.2	-	98.1	66.8	24.0	51.4	17.0			
95.1	88.5	60.8	23.4	47.2	16.6	39.7	12.9	-	95.1	64.8	23.7	49.8	16.8			
98.4	85.8	58.9	22.9	45.6	16.3	38.4	12.6	-	92.2	62.8	23.4	48.3	16.5			
111.5	76.5	52.5	21.8	40.3	15.2	33.7	11.7	-	81.1	56.0	22.0	42.8	15.4			
124.7	69.2	47.2	20.7	36.2	14.3	30.2	11.0	-	69.2	50.5	21.2	38.6	14.6			
137.8	61.1	43.0	19.8	32.8	13.7	27.1	10.1	-	59.7	46.1	20.3	34.8	13.9			
150.9	53.6	39.5	19.2	30.0	13.0	24.7	9.7	-	52.2	42.3	19.6	32.0	13.2			
154.2	52.0	38.7	19.2	29.4	12.9	24.1	9.6	-	50.7	41.6	19.5	31.3	13.1			
164.0	47.4	36.6	-	27.6	12.6	22.5	9.3	-	45.9	39.2	19.0	29.3	12.8			
173.9	43.4	34.8	-	26.1	12.3	21.2	8.9	-	42.1	37.3	-	27.8	12.5			
177.2	42.1	34.2	-	25.6	-	20.7	8.8	-	40.8	36.6	-	27.3	12.3			
180.4	41.0	33.6	-	25.1	-	20.3	8.8	-	39.6	36.0	-	26.8	12.3			
183.7	-	33.1	-	24.7	-	20.0	8.7	-	38.5	35.4	-	26.3	12.3			
190.3	-	32.0	-	23.8	-	19.2	8.6	-	36.2	34.2	-	25.4	-			
196.9	-	31.1	-	23.1	-	18.5	-	-	34.2	33.3	-	24.6	-			
203.4	-	-	-	22.5	-	17.9	-	-	-	32.4	-	23.8	-			
216.5	-	-	-	21.2	-	16.8	-	-	-	29.5	-	22.5	-			
229.7	-	-	-	-	-	15.9	-	-	-	-	-	21.4	-			
232.9	-	-	-	-	-	15.7	-	-	-	-	-	21.2	-			
236.2	-	-	-	-	-	15.4	-	-	-	-	-	-	-			
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-			
252.6	-	-	-	-	-	-	-	-	-	-	-	-	-			
269.0	-	-	-	-	-	-	-	-	-	-	-	-	-			



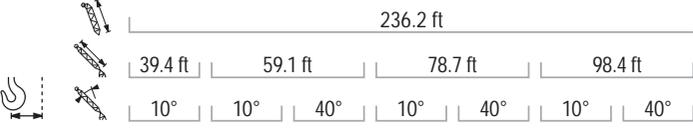
SH + LF

308,600 lb + 88,200 lb ZB
 39.4 - 98.4 ft
 23'9"
 360°
ISO

ft	196.9 ft								216.5 ft							
	39.4 ft		59.1 ft		78.7 ft		98.4 ft		39.4 ft		59.1 ft		78.7 ft		98.4 ft	
	10°	10°	40°	10°	40°	10°	40°	10°	40°	10°	10°	40°	10°	40°	10°	40°
1,000 lb																
36.1	131.2	-	-	-	-	-	-	-	-	131.2	-	-	-	-	-	-
39.4	131.2	-	-	-	-	-	-	-	-	131.2	-	-	-	-	-	-
42.7	131.2	130.1	-	-	-	-	-	-	-	131.2	123.5	-	-	-	-	-
45.9	131.2	124.6	-	95.9	-	-	-	-	-	131.2	123.5	-	-	-	-	-
49.2	131.2	118.5	-	91.2	-	-	-	-	-	131.2	120.2	-	91.9	-	-	-
52.5	131.2	112.4	-	86.4	-	73.6	-	-	-	131.2	116.8	-	89.3	-	69.7	-
59.1	131.2	102.5	-	78.7	-	66.8	-	-	-	131.2	106.9	-	81.6	-	69.0	-
65.6	131.2	94.1	-	72.3	-	61.1	-	-	-	131.2	98.3	-	75.0	-	63.3	-
68.9	129.5	90.6	27.1	69.6	-	58.6	-	-	-	130.1	94.7	27.1	72.2	-	60.8	-
72.2	127.9	87.1	26.7	66.8	-	56.2	-	-	-	129.0	91.1	26.7	69.4	-	58.4	-
78.7	119.0	80.9	25.8	61.9	-	52.0	-	-	-	125.7	84.7	26.0	64.6	-	54.2	-
82.0	115.2	78.2	25.4	59.9	18.1	50.3	-	-	-	120.2	81.9	25.6	62.4	18.1	52.4	-
85.3	111.3	75.4	24.9	57.8	17.6	48.5	-	-	-	114.6	79.1	25.1	60.2	17.6	50.5	-
91.9	104.5	70.8	24.3	54.0	17.2	45.2	-	-	-	104.1	74.3	24.5	56.4	17.2	47.2	-
95.1	99.9	68.7	23.9	52.4	16.9	43.8	13.0	-	-	99.2	72.2	24.1	54.8	16.9	45.7	-
98.4	95.2	66.6	23.6	50.7	16.5	42.3	12.8	-	-	94.4	70.1	23.8	53.1	16.5	44.3	12.8
111.5	79.6	59.5	22.5	45.2	15.7	37.7	11.9	-	-	78.7	62.8	22.7	47.4	15.7	39.5	11.9
124.7	67.7	53.8	21.4	40.8	14.8	33.7	11.2	-	-	66.8	56.9	21.8	42.8	15.0	35.5	11.2
137.8	58.2	48.9	20.5	37.0	14.1	30.4	10.6	-	-	57.3	51.8	20.9	39.0	14.1	32.2	10.6
150.9	50.7	45.2	19.8	34.0	13.4	27.8	9.9	-	-	49.6	47.8	20.1	35.7	13.7	29.3	10.1
164.0	44.3	41.7	19.2	31.3	13.0	25.6	9.5	-	-	43.4	44.1	19.6	33.1	13.0	26.9	9.5
177.2	39.0	38.8	18.7	28.9	12.6	23.6	9.0	-	-	38.1	38.8	19.0	30.6	12.6	24.9	9.3
187.0	35.7	36.2	-	27.6	12.2	22.3	8.7	-	-	34.5	35.3	18.7	29.2	12.4	23.6	8.9
190.3	34.6	35.3	-	27.1	12.1	21.8	8.6	-	-	33.3	34.2	-	28.7	12.3	23.1	8.8
196.9	32.5	33.2	-	26.2	12.1	21.1	8.5	-	-	31.3	32.1	-	27.8	12.2	22.3	8.7
203.4	30.4	31.1	-	25.4	-	20.3	8.4	-	-	29.3	30.0	-	26.9	12.1	21.4	8.6
206.7	29.5	30.2	-	25.0	-	20.0	8.3	-	-	28.4	29.0	-	26.5	11.9	21.1	8.5
213.3	27.8	28.4	-	24.2	-	19.3	8.2	-	-	26.7	27.2	-	25.7	-	20.4	8.4
216.5	-	27.6	-	23.8	-	19.0	-	-	-	25.8	26.2	-	25.4	-	20.1	8.4
226.4	-	25.2	-	23.0	-	18.1	-	-	-	23.5	23.9	-	24.0	-	19.2	8.2
229.7	-	24.5	-	22.7	-	17.9	-	-	-	22.7	23.1	-	23.6	-	19.0	-
232.9	-	23.8	-	22.4	-	17.6	-	-	-	-	22.5	-	22.9	-	18.7	-
242.8	-	-	-	21.6	-	17.0	-	-	-	-	20.5	-	20.9	-	17.9	-
249.3	-	-	-	20.9	-	16.5	-	-	-	-	19.2	-	19.6	-	17.4	-
255.9	-	-	-	-	-	16.1	-	-	-	-	-	-	18.3	-	17.0	-
269.0	-	-	-	-	-	15.4	-	-	-	-	-	-	16.1	-	16.1	-
282.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.8	-
285.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.3	-
295.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SH + LF

 308,600 lb + 88,200 lb ZB
  39.4 - 98.4 ft
  23'9"
 360°
 ISO



ft	1,000 lb							
39.4	131.2	-	-	-	-	-	-	-
45.9	131.2	112.4	-	-	-	-	-	-
49.2	131.2	111.1	-	85.3	-	-	-	-
52.5	131.2	109.8	-	85.3	-	-	-	-
55.8	131.2	107.1	-	84.3	-	66.4	-	-
59.1	131.2	104.5	-	83.3	-	66.4	-	-
65.6	131.2	99.4	-	77.6	-	64.2	-	-
72.2	127.9	94.1	26.9	71.9	-	60.2	-	-
78.7	121.3	88.4	26.0	67.0	-	56.0	-	-
85.3	112.4	82.9	25.4	62.8	17.6	52.2	-	-
91.9	102.7	77.8	24.7	58.9	17.2	48.9	-	-
98.4	93.0	73.4	24.0	55.6	16.8	46.1	12.8	-
111.5	77.4	65.9	22.9	49.6	15.9	41.2	11.9	-
124.7	65.3	59.7	22.0	45.0	15.0	37.0	11.2	-
137.8	55.8	54.7	21.2	41.0	14.3	33.5	10.6	-
150.9	48.3	48.9	20.5	37.7	13.7	30.6	10.1	-
164.0	41.9	42.5	19.8	34.6	13.2	28.2	9.7	-
177.2	36.4	37.3	19.2	32.2	12.8	26.0	9.3	-
190.3	31.5	32.4	18.7	30.2	12.3	24.3	8.8	-
200.1	28.5	29.3	18.5	28.7	12.2	23.1	8.7	-
203.4	27.6	28.2	-	28.2	12.1	22.7	8.6	-
216.5	23.8	24.5	-	25.1	11.9	21.2	8.4	-
229.7	20.7	21.4	-	21.8	-	20.1	8.2	-
236.2	19.4	20.0	-	20.4	-	19.4	7.9	-
242.8	18.1	18.5	-	19.0	-	18.7	-	-
249.3	16.8	17.3	-	17.7	-	18.1	-	-
255.9	-	16.1	-	16.5	-	17.4	-	-
265.7	-	14.6	-	14.9	-	15.7	-	-
269.0	-	-	-	14.3	-	15.0	-	-
282.2	-	-	-	12.3	-	13.0	-	-
285.4	-	-	-	11.9	-	12.6	-	-
295.3	-	-	-	-	-	11.2	-	-
301.8	-	-	-	-	-	10.4	-	-

SH / LH + LF

308,600 lb + 88,200 lb ZB 39.4 - 98.4 ft 23'9" 360° ISO

ft	177.2 ft								196.9 ft							
	39.4 ft	59.1 ft		78.7 ft		98.4 ft		39.4 ft	59.1 ft		78.7 ft		98.4 ft			
	10°	10°	40°	10°	40°	10°	40°	10°	10°	40°	10°	40°	10°	40°		
	1,000 lb															
32.8	116.8	-	-	-	-	-	-	-	-	-	-	-	-	-		
36.1	116.8	-	-	-	-	-	-	108.9	-	-	-	-	-	-		
39.4	116.8	88.0	-	-	-	-	-	108.9	80.5	-	-	-	-	-		
42.7	113.5	86.9	-	67.5	-	-	-	106.3	80.5	-	-	-	-	-		
45.9	110.2	85.8	-	67.5	-	-	-	103.6	80.5	-	61.7	-	-	-		
49.2	107.5	83.3	-	66.6	-	53.4	-	101.0	78.5	-	61.7	-	48.9	-		
52.5	104.7	80.9	-	65.7	-	53.4	-	98.3	76.5	-	61.7	-	48.9	-		
59.1	99.9	76.3	-	62.2	-	52.0	-	93.0	72.5	-	58.9	-	48.9	-		
65.6	95.9	72.5	26.2	58.6	-	49.2	-	89.7	68.8	26.5	56.0	-	46.7	-		
72.2	92.2	69.7	25.4	55.8	-	46.5	-	86.6	66.1	25.6	53.1	-	44.5	-		
78.7	89.3	66.8	24.5	53.6	17.4	44.3	-	83.3	63.7	24.7	50.9	-	42.3	-		
82.0	88.1	65.6	24.1	52.5	17.1	43.4	-	82.2	62.5	24.4	50.0	17.2	41.4	-		
85.3	86.9	64.4	23.8	51.4	16.8	42.5	-	81.1	61.3	24.0	49.2	17.0	40.6	-		
91.9	84.4	62.6	23.1	49.4	16.3	41.0	12.6	78.9	59.3	23.4	47.4	16.3	39.2	-		
95.1	83.2	61.7	22.8	48.1	16.0	40.1	12.3	77.8	58.5	23.0	46.6	16.1	38.6	12.3		
98.4	82.0	60.8	22.5	46.7	15.7	39.2	12.1	76.7	57.8	22.7	45.9	15.9	37.9	12.1		
111.5	76.9	54.7	21.4	41.7	14.8	34.8	11.2	72.5	54.7	21.6	43.4	15.0	35.5	11.2		
124.7	72.1	49.4	20.3	37.5	13.9	31.1	10.6	68.1	51.6	20.7	39.7	14.1	32.8	10.6		
137.8	63.1	45.0	19.6	34.2	13.2	28.2	9.9	61.9	47.8	19.8	36.2	13.4	29.8	9.9		
150.9	55.6	41.4	19.0	31.3	12.8	25.6	9.3	54.5	44.1	19.2	33.1	12.8	27.1	9.5		
164.0	49.4	38.4	18.3	28.9	12.3	23.6	8.8	48.1	41.0	18.5	30.6	12.3	24.9	9.0		
177.2	44.1	35.9	-	26.7	11.9	21.6	8.6	42.8	38.1	18.1	28.4	11.9	22.9	8.6		
183.7	41.9	34.8	-	25.8	11.7	20.8	8.4	40.6	36.9	-	27.4	11.8	22.2	8.5		
190.3	39.7	33.7	-	24.9	-	20.1	8.2	38.4	35.7	-	26.5	11.7	21.4	8.4		
193.6	38.7	33.2	-	24.6	-	19.7	8.1	37.4	35.2	-	26.1	11.7	21.0	8.3		
196.9	37.7	32.7	-	24.3	-	19.4	8.0	36.5	34.7	-	25.7	-	20.6	8.2		
203.4	-	31.7	-	23.6	-	18.7	7.9	34.6	33.7	-	24.9	-	19.8	7.9		
213.3	-	30.8	-	22.6	-	17.9	-	32.0	31.9	-	23.9	-	19.0	7.9		
216.5	-	30.4	-	22.3	-	17.6	-	-	31.3	-	23.6	-	18.7	-		
229.7	-	-	-	21.2	-	16.5	-	-	28.4	-	22.3	-	17.6	-		
232.9	-	-	-	20.9	-	16.3	-	-	27.8	-	22.0	-	17.4	-		
242.8	-	-	-	-	-	15.7	-	-	-	-	21.4	-	16.5	-		
252.6	-	-	-	-	-	15.2	-	-	-	-	20.7	-	16.0	-		
255.9	-	-	-	-	-	-	-	-	-	-	-	-	15.9	-		
269.0	-	-	-	-	-	-	-	-	-	-	-	-	15.2	-		

SH / LH + LF

 308,600 lb + 88,200 lb ZB
  39.4 - 98.4 ft
  23'9"
 360° ISO

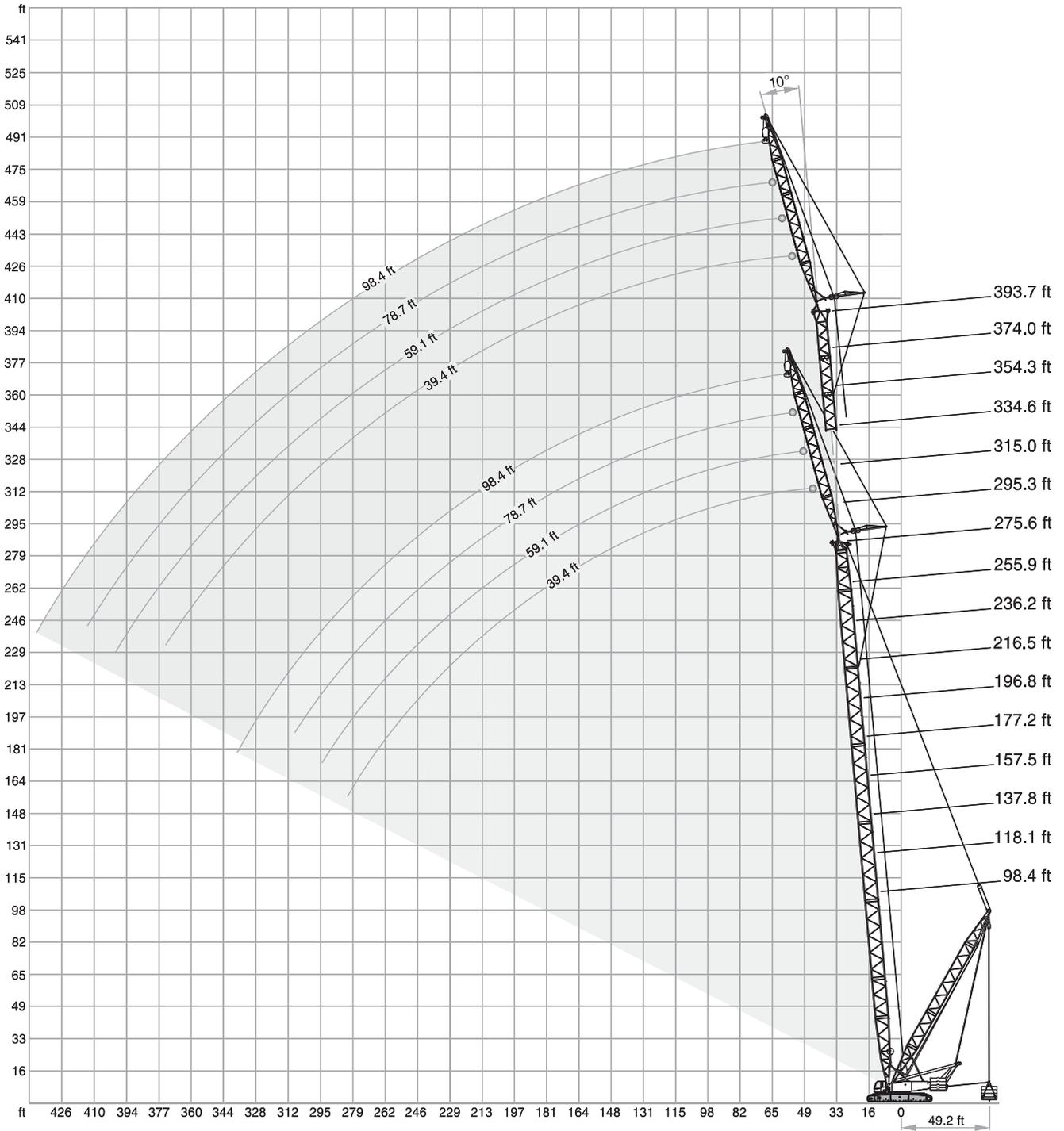
ft	216.5 ft								236.2 ft							
	39.4 ft		59.1 ft		78.7 ft		98.4 ft		39.4 ft		59.1 ft		78.7 ft		98.4 ft	
	10°	10°	40°	10°	40°	10°	40°	10°	40°	10°	10°	40°	10°	40°	10°	40°
1,000 lb																
36.1	99.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	99.4	-	-	-	-	-	-	-	94.6	-	-	-	-	-	-	-
42.7	98.3	75.0	-	-	-	-	-	-	94.6	73.2	-	-	-	-	-	-
45.9	97.2	75.0	-	59.3	-	-	-	-	94.6	73.2	-	-	-	-	-	-
49.2	94.9	74.1	-	59.3	-	-	-	-	92.8	72.5	-	57.1	-	-	-	-
52.5	92.6	73.2	-	59.3	-	47.2	-	-	91.1	71.9	-	57.1	-	45.4	-	-
59.1	88.0	69.7	-	56.9	-	47.2	-	-	87.3	69.0	-	56.0	-	45.4	-	-
65.6	84.0	66.4	-	54.2	-	45.2	-	-	83.8	66.1	-	53.8	-	44.5	-	-
68.9	82.5	64.8	26.0	52.9	-	44.2	-	-	82.5	64.7	26.0	52.7	-	43.7	-	-
72.2	80.9	63.3	25.6	51.6	-	43.2	-	-	81.1	63.3	25.8	51.6	-	42.8	-	-
78.7	78.0	61.1	24.9	49.4	-	41.2	-	-	78.9	61.3	24.9	49.6	-	41.2	-	-
82.0	76.6	60.0	24.6	48.5	17.2	40.2	-	-	77.7	60.4	24.6	48.7	-	40.3	-	-
85.3	75.2	58.9	24.3	47.6	17.0	39.2	-	-	76.5	59.5	24.3	47.8	17.0	39.5	-	-
91.9	73.4	56.7	23.6	46.1	16.3	37.9	-	-	74.3	57.8	23.6	46.5	16.3	38.1	-	-
95.1	72.4	55.9	23.3	45.2	16.1	37.4	12.3	-	73.4	56.9	23.4	45.9	16.1	37.6	-	-
98.4	71.4	55.1	22.9	44.3	15.9	36.8	12.1	-	72.5	56.0	23.1	45.2	15.9	37.0	12.1	-
111.5	67.7	52.2	21.8	41.9	15.0	34.2	11.2	-	69.0	53.6	22.0	42.5	15.0	34.8	11.5	-
124.7	63.7	49.4	20.9	39.9	14.3	32.6	10.6	-	65.7	51.1	21.2	40.8	14.3	33.3	10.8	-
137.8	60.0	46.7	20.1	37.7	13.7	31.1	10.1	-	59.3	48.7	20.3	39.0	13.7	31.7	10.1	-
150.9	53.1	43.9	19.4	34.8	13.0	28.4	9.5	-	51.6	46.3	19.6	36.6	13.0	30.0	9.7	-
164.0	46.7	41.2	18.7	32.2	12.6	26.2	9.0	-	45.2	44.1	19.0	34.0	12.6	27.6	9.3	-
177.2	41.4	39.2	18.3	30.0	12.1	24.3	8.6	-	39.9	40.3	18.5	31.5	12.1	25.6	8.8	-
187.0	38.1	37.8	18.1	28.5	11.8	22.9	8.4	-	36.6	37.0	18.2	30.0	12.0	24.1	8.5	-
190.3	37.0	37.3	-	28.0	11.7	22.5	8.4	-	35.5	35.9	18.1	29.5	11.9	23.6	8.4	-
200.1	34.1	34.4	-	26.7	11.5	21.3	8.2	-	32.5	32.8	17.9	28.1	11.6	22.4	8.2	-
203.4	33.1	33.5	-	26.2	11.5	20.9	8.2	-	31.5	31.7	-	27.6	11.5	22.0	8.2	-
206.7	32.2	32.6	-	25.8	11.5	20.6	8.1	-	30.6	30.9	-	27.2	11.4	21.7	8.1	-
216.5	29.8	30.0	-	24.7	-	19.6	7.9	-	28.0	28.2	-	26.0	11.2	20.7	7.9	-
226.4	27.4	27.7	-	23.7	-	18.8	7.7	-	25.5	25.9	-	25.0	-	19.9	7.8	-
229.7	26.7	26.9	-	23.4	-	18.5	-	-	24.7	25.1	-	24.7	-	19.6	7.7	-
232.9	26.0	26.2	-	23.1	-	18.3	-	-	24.0	24.4	-	24.1	-	19.3	7.7	-
236.2	-	25.5	-	22.8	-	18.1	-	-	23.4	23.7	-	23.6	-	19.1	7.7	-
242.8	-	24.0	-	22.3	-	17.6	-	-	22.0	22.3	-	22.5	-	18.5	-	-
249.3	-	22.9	-	21.8	-	17.2	-	-	20.7	20.9	-	21.3	-	18.0	-	-
255.9	-	-	-	21.4	-	16.8	-	-	-	19.8	-	20.1	-	17.4	-	-
265.7	-	-	-	20.1	-	16.1	-	-	-	18.3	-	18.4	-	16.9	-	-
269.0	-	-	-	19.6	-	15.9	-	-	-	-	-	17.9	-	16.8	-	-
282.2	-	-	-	-	-	15.2	-	-	-	-	-	15.9	-	15.9	-	-
285.4	-	-	-	-	-	15.0	-	-	-	-	-	15.4	-	15.5	-	-
295.3	-	-	-	-	-	-	-	-	-	-	-	-	-	14.3	-	-
305.1	-	-	-	-	-	-	-	-	-	-	-	-	-	13.2	-	-

SH / LH + LF

308,600 lb + 88,200 lb ZB
 39.4 - 98.4 ft
 23'9"
 360°
 ISO

ft	255.9 ft								275.6 ft							
	39.4 ft		59.1 ft		78.7 ft		98.4 ft		39.4 ft		59.1 ft		78.7 ft		98.4 ft	
	10°	10°	40°	10°	40°	10°	40°	10°	40°	10°	10°	40°	10°	40°	10°	40°
1,000 lb																
39.4	78.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42.7	78.5	-	-	-	-	-	-	-	65.3	-	-	-	-	-	-	-
45.9	78.5	60.8	-	-	-	-	-	-	65.3	51.6	-	-	-	-	-	-
49.2	76.9	60.8	-	48.3	-	-	-	-	64.6	51.6	-	-	-	-	-	-
52.5	75.4	60.8	-	48.3	-	-	-	-	63.9	51.6	-	41.9	-	-	-	-
55.8	74.0	59.6	-	48.3	-	39.5	-	-	62.6	51.0	-	41.9	-	-	-	-
59.1	72.5	58.4	-	48.3	-	39.5	-	-	61.3	50.5	-	41.9	-	34.0	-	-
65.6	69.4	56.2	-	46.5	-	38.8	-	-	58.6	48.5	-	40.3	-	34.0	-	-
72.2	66.8	53.8	25.8	44.8	-	37.5	-	-	56.0	46.3	-	38.6	-	32.6	-	-
75.5	65.9	52.7	25.5	43.8	-	36.8	-	-	55.0	45.3	25.4	37.8	-	32.0	-	-
78.7	65.0	51.6	25.1	42.8	-	36.2	-	-	54.0	44.3	25.1	37.0	-	31.3	-	-
85.3	63.3	50.3	24.5	41.2	16.8	34.6	-	-	52.5	42.8	24.5	35.5	-	30.0	-	-
88.6	62.4	49.6	24.1	40.7	16.5	34.0	-	-	51.7	42.1	24.1	34.8	16.5	29.3	-	-
91.9	61.5	48.9	23.8	40.1	16.3	33.3	-	-	50.9	41.4	23.8	34.2	16.3	28.7	-	-
98.4	60.0	47.6	23.1	39.0	15.9	32.4	12.1	-	49.4	40.3	23.4	33.3	15.9	27.6	-	-
101.7	59.4	47.1	22.9	38.5	15.7	32.0	12.0	-	48.8	39.7	23.1	32.8	15.7	27.2	11.9	-
111.5	57.5	45.4	22.3	37.0	15.2	30.6	11.5	-	47.2	37.9	22.3	31.3	15.2	26.2	11.5	-
124.7	55.1	43.7	21.4	35.5	14.3	29.1	10.8	-	45.0	36.4	21.4	29.8	14.3	24.7	10.8	-
137.8	52.7	41.7	20.5	34.0	13.7	28.0	10.1	-	43.0	34.8	20.7	28.4	13.9	23.6	10.1	-
150.9	50.3	39.9	19.8	32.6	13.2	26.9	9.7	-	41.0	33.3	20.1	27.3	13.2	22.5	9.7	-
164.0	45.0	38.1	19.2	31.1	12.8	25.8	9.3	-	38.8	31.7	19.4	26.0	12.8	21.6	9.3	-
177.2	39.7	36.4	18.7	29.8	12.3	24.7	8.8	-	36.8	30.2	19.0	24.7	12.3	20.5	8.8	-
190.3	35.1	34.4	18.3	28.2	11.9	23.6	8.6	-	33.7	28.7	18.3	23.6	11.9	19.6	8.6	-
203.4	31.1	31.3	17.9	26.9	11.7	22.5	8.2	-	29.5	27.1	18.1	22.3	11.7	18.5	8.2	-
210.0	29.2	29.5	17.9	26.2	11.6	21.9	8.0	-	27.8	26.3	17.9	21.7	11.6	18.0	8.0	-
216.5	27.3	27.8	-	25.6	11.5	21.4	7.9	-	26.0	25.6	17.6	21.2	11.5	17.4	7.9	-
219.8	26.6	27.0	-	25.2	11.4	21.2	7.9	-	25.2	25.0	17.6	20.9	11.4	17.3	7.9	-
229.7	24.3	24.5	-	24.3	11.2	20.5	7.7	-	22.9	23.1	-	20.3	11.2	16.8	7.7	-
239.5	22.3	22.5	-	22.4	-	19.7	7.6	-	20.7	21.0	-	19.4	11.0	16.1	7.6	-
242.8	21.6	21.8	-	21.8	-	19.4	7.5	-	20.1	20.3	-	19.2	-	16.1	7.5	-
249.3	20.4	20.5	-	20.6	-	18.8	7.5	-	18.8	19.1	-	18.6	-	15.8	7.5	-
255.9	19.2	19.2	-	19.4	-	18.3	-	-	17.6	17.9	-	18.1	-	15.4	7.5	-
259.2	18.6	18.7	-	18.8	-	18.1	-	-	17.1	17.3	-	17.5	-	15.3	7.5	-
265.7	17.4	17.7	-	17.7	-	17.6	-	-	16.0	16.2	-	16.4	-	14.9	-	-
269.0	-	17.2	-	17.2	-	17.4	-	-	15.4	15.7	-	15.9	-	14.8	-	-
282.2	-	15.2	-	15.2	-	15.7	-	-	13.7	13.7	-	13.7	-	13.9	-	-
285.4	-	14.8	-	14.8	-	15.2	-	-	-	13.2	-	13.2	-	13.5	-	-
295.3	-	-	-	13.4	-	13.9	-	-	-	11.9	-	11.9	-	12.3	-	-
301.8	-	-	-	12.6	-	13.0	-	-	-	11.0	-	11.1	-	11.6	-	-
308.4	-	-	-	-	-	12.1	-	-	-	-	-	10.4	-	10.8	-	-
318.2	-	-	-	-	-	11.0	-	-	-	-	-	9.3	-	9.6	-	-
321.5	-	-	-	-	-	10.6	-	-	-	-	-	-	-	9.3	-	-
334.6	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	-	-
337.9	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5	-	-
347.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SSL + LF, SSL/LSL + LF



SSL + LF

220,500 lb + 44,100 lb ZB
 29'6" - 49'3"
 0 - 264,600 lb
 23'9"
 360°
 ISO

ft	98.4 ft								118.1 ft							
	39.4 ft		59.1 ft		78.7 ft		98.4 ft		39.4 ft		59.1 ft		78.7 ft		98.4 ft	
	10°	10°	40°	10°	40°	10°	40°	10°	40°	10°	10°	40°	10°	40°	10°	40°
1,000 lb																
26.2	131.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29.5	131.2	-	-	-	-	-	-	-	131.2	-	-	-	-	-	-	-
32.8	131.2	131.2	-	-	-	-	-	-	131.2	131.2	-	-	-	-	-	-
36.1	131.2	120.2	-	97.9	-	-	-	-	131.2	127.9	-	-	-	-	-	-
39.4	131.2	111.3	-	90.4	-	-	-	-	131.2	117.9	-	94.6	-	-	-	-
42.7	131.2	103.6	-	83.8	-	74.3	-	-	131.2	110.2	-	88.0	-	-	-	-
45.9	131.2	96.6	-	78.0	-	69.0	-	-	131.2	103.4	-	82.5	-	72.1	-	-
52.5	117.9	85.1	-	68.8	-	60.4	-	-	129.0	91.5	-	73.0	-	63.7	-	-
59.1	105.6	76.1	28.0	61.3	-	53.8	-	-	115.7	82.2	28.2	65.5	-	56.9	-	-
65.6	95.5	68.6	26.5	55.1	-	48.3	-	-	105.4	74.5	26.9	59.1	-	51.1	-	-
72.2	87.1	62.4	25.1	50.3	19.0	43.7	-	-	96.3	68.1	25.6	54.0	-	46.5	-	-
75.5	83.6	59.9	24.6	48.1	18.4	41.8	-	-	92.6	65.4	25.1	51.8	18.5	44.5	-	-
78.7	80.0	57.3	24.0	45.9	17.9	39.9	-	-	88.8	62.6	24.7	49.6	18.1	42.5	-	-
85.3	74.1	53.1	23.1	42.3	17.0	36.6	13.7	-	82.5	58.0	23.6	45.9	17.2	39.2	-	-
88.6	71.5	51.3	22.7	40.8	16.6	35.2	13.3	-	79.6	56.0	23.3	44.2	16.9	37.8	13.4	-
91.9	69.0	49.4	22.3	39.2	16.3	33.7	13.0	-	76.7	54.0	22.9	42.5	16.5	36.4	13.0	-
98.4	64.6	46.1	21.4	36.6	15.7	31.3	12.3	-	72.1	50.5	22.0	39.7	15.9	33.7	12.6	-
111.5	57.5	40.8	20.3	32.2	14.6	27.3	11.2	-	64.2	44.8	20.7	35.1	14.8	29.5	11.5	-
121.4	53.4	37.6	19.6	29.5	13.7	25.0	10.6	-	59.4	41.3	20.1	32.2	14.1	27.1	10.8	-
124.7	52.0	36.6	-	28.7	13.4	24.3	10.4	-	57.8	40.1	19.8	31.3	13.9	26.2	10.6	-
128.0	50.9	35.8	-	27.9	13.3	23.6	10.1	-	56.5	39.2	19.6	30.5	13.7	25.6	10.4	-
131.2	-	34.9	-	27.2	13.2	22.9	9.9	-	55.3	38.4	19.4	29.8	13.4	24.9	10.1	-
137.8	-	33.3	-	25.8	12.8	21.6	9.5	-	52.9	36.6	-	28.2	13.2	23.6	9.9	-
144.4	-	32.0	-	24.7	-	20.5	9.3	-	50.9	35.1	-	27.0	13.0	22.4	9.5	-
147.6	-	31.3	-	24.1	-	20.0	9.1	-	-	34.3	-	26.4	12.8	21.8	9.4	-
150.9	-	-	-	23.6	-	19.4	9.0	-	-	33.5	-	25.8	12.6	21.2	9.3	-
157.5	-	-	-	22.7	-	18.6	8.8	-	-	32.4	-	24.7	-	20.3	9.0	-
164.0	-	-	-	21.8	-	17.9	-	-	-	31.3	-	23.6	-	19.4	8.8	-
170.6	-	-	-	-	-	17.1	-	-	-	-	-	22.8	-	18.6	8.6	-
177.2	-	-	-	-	-	16.3	-	-	-	-	-	22.0	-	17.9	-	-
183.7	-	-	-	-	-	15.9	-	-	-	-	-	21.4	-	17.2	-	-
190.3	-	-	-	-	-	-	-	-	-	-	-	-	-	16.5	-	-
200.1	-	-	-	-	-	-	-	-	-	-	-	-	-	15.7	-	-

SSL + LF

220,500 lb + 44,100 lb ZB 29'6" - 49'3" 0 - 264,600 lb 23'9" 360° ISO

ft	137.8 ft								157.5 ft							
	39.4 ft		59.1 ft		78.7 ft		98.4 ft		39.4 ft		59.1 ft		78.7 ft		98.4 ft	
	10°	10°	40°	10°	40°	10°	40°	10°	40°	10°	10°	40°	10°	40°	10°	40°
1,000 lb																
29.5	131.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32.8	131.2	-	-	-	-	-	-	-	131.2	-	-	-	-	-	-	-
36.1	131.2	131.2	-	-	-	-	-	-	131.2	131.2	-	-	-	-	-	-
39.4	131.2	124.6	-	98.3	-	-	-	-	131.2	130.1	-	-	-	-	-	-
42.7	131.2	115.7	-	91.9	-	-	-	-	131.2	121.3	-	95.2	-	-	-	-
45.9	131.2	109.6	-	86.2	-	75.0	-	-	131.2	114.6	-	89.7	-	-	-	-
49.2	131.2	103.2	-	81.4	-	70.5	-	-	131.2	108.7	-	84.9	-	73.0	-	-
52.5	131.2	97.4	-	76.7	-	66.4	-	-	131.2	103.0	-	80.2	-	69.0	-	-
59.1	125.7	88.0	-	69.2	-	59.5	-	-	131.2	93.3	-	72.5	-	62.2	-	-
62.3	120.2	83.8	27.8	65.9	-	56.7	-	-	129.0	88.8	-	69.2	-	59.3	-	-
65.6	114.6	80.0	27.1	62.8	-	54.0	-	-	123.5	85.1	27.3	66.1	-	56.7	-	-
72.2	105.2	73.2	26.0	57.5	-	49.2	-	-	113.5	78.0	26.2	60.8	-	51.8	-	-
75.5	101.1	70.4	25.5	55.2	18.5	47.2	-	-	109.2	75.2	25.8	58.5	-	49.7	-	-
78.7	97.0	67.7	24.9	52.9	18.3	45.2	-	-	104.9	72.3	25.4	56.2	18.3	47.6	-	-
85.3	90.2	62.8	24.0	49.2	17.4	41.9	-	-	97.7	67.2	24.5	52.0	17.6	44.1	-	-
88.6	87.2	60.7	23.7	47.4	17.1	40.3	13.4	-	94.5	65.0	24.1	50.4	17.3	42.5	-	-
91.9	84.2	58.6	23.4	45.6	16.8	38.8	13.2	-	91.3	62.8	23.8	48.7	17.0	41.0	13.2	-
98.4	78.9	54.9	22.5	42.8	16.1	36.2	12.6	-	85.8	58.9	22.9	45.6	16.3	38.4	12.6	-
111.5	70.3	48.7	21.4	37.7	15.0	31.7	11.7	-	76.5	52.5	21.8	40.3	15.2	33.7	11.7	-
124.7	63.5	43.9	20.3	33.7	14.1	28.2	10.8	-	69.2	47.2	20.7	36.2	14.3	30.2	11.0	-
137.8	58.0	39.9	19.6	30.4	13.4	25.4	10.1	-	63.1	43.0	19.8	32.8	13.7	27.1	10.1	-
141.1	56.9	39.1	19.4	29.8	13.3	24.7	9.9	-	61.8	42.1	19.7	32.1	13.6	26.5	10.0	-
150.9	53.6	36.6	-	27.8	12.8	22.9	9.5	-	58.2	39.5	19.2	30.0	13.0	24.7	9.7	-
154.2	52.7	35.9	-	27.2	12.7	22.4	9.4	-	57.2	38.7	19.2	29.4	12.9	24.1	9.6	-
160.8	50.9	34.6	-	26.1	12.6	21.4	9.1	-	55.2	37.3	-	28.2	12.7	23.0	9.4	-
164.0	50.0	34.0	-	25.6	-	20.9	9.0	-	54.2	36.6	-	27.6	12.6	22.5	9.3	-
173.9	-	32.3	-	24.3	-	19.8	8.7	-	51.6	34.8	-	26.1	12.3	21.2	8.9	-
177.2	-	31.7	-	23.8	-	19.4	8.6	-	50.7	34.2	-	25.6	-	20.7	8.8	-
180.4	-	31.3	-	23.4	-	19.0	8.6	-	50.0	33.6	-	25.1	-	20.3	8.8	-
190.3	-	-	-	22.3	-	17.9	-	-	-	32.0	-	23.8	-	19.2	8.6	-
196.9	-	-	-	21.7	-	17.3	-	-	-	31.1	-	23.1	-	18.5	-	-
200.1	-	-	-	21.4	-	17.0	-	-	-	-	-	22.8	-	18.2	-	-
203.4	-	-	-	-	-	16.8	-	-	-	-	-	22.5	-	17.9	-	-
216.5	-	-	-	-	-	15.7	-	-	-	-	-	21.2	-	16.8	-	-
219.8	-	-	-	-	-	15.4	-	-	-	-	-	-	-	16.5	-	-
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	15.9	-	-
236.2	-	-	-	-	-	-	-	-	-	-	-	-	-	15.4	-	-

SSL + LF

308,600 lb + 88,200 lb ZB
 29'6" - 49'3"
 0- 264,600 lb
 23'9"
 360°
 ISO

ft	177.2 ft								196.9 ft							
	39.4 ft		59.1 ft		78.7 ft		98.4 ft		39.4 ft		59.1 ft		78.7 ft		98.4 ft	
	10°	10°	40°	10°	40°	10°	40°	10°	40°	10°	10°	40°	10°	40°	10°	40°
1,000 lb																
32.8	131.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36.1	131.2	-	-	-	-	-	-	-	131.2	-	-	-	-	-	-	-
39.4	131.2	131.2	-	-	-	-	-	-	131.2	-	-	-	-	-	-	-
42.7	131.2	126.8	-	-	-	-	-	-	131.2	131.2	-	-	-	-	-	-
45.9	131.2	120.2	-	93.0	-	-	-	-	131.2	124.6	-	95.9	-	-	-	-
49.2	131.2	113.5	-	88.0	-	75.4	-	-	131.2	117.9	-	90.8	-	-	-	-
52.5	131.2	108.0	-	83.6	-	71.4	-	-	131.2	112.4	-	86.4	-	73.6	-	-
59.1	131.2	98.1	-	75.8	-	64.6	-	-	131.2	102.5	-	78.7	-	66.8	-	-
65.6	131.2	89.7	27.3	69.4	-	58.9	-	-	131.2	94.1	-	72.3	-	61.1	-	-
68.9	126.2	86.2	26.9	66.7	-	56.4	-	-	129.5	90.6	27.1	69.6	-	58.6	-	-
72.2	121.3	82.7	26.5	63.9	-	54.0	-	-	127.9	87.1	26.7	66.8	-	56.2	-	-
78.7	112.4	76.7	25.6	59.1	18.3	50.0	-	-	119.0	80.9	25.8	61.9	-	52.0	-	-
82.0	108.6	74.1	25.1	57.0	18.0	48.2	-	-	115.2	78.2	25.4	59.9	18.1	50.3	-	-
85.3	104.7	71.4	24.7	54.9	17.6	46.3	-	-	111.3	75.4	24.9	57.8	17.6	48.5	-	-
91.9	98.1	66.8	24.0	51.4	17.0	43.2	-	-	104.5	70.8	24.3	54.0	17.2	45.2	-	-
95.1	95.1	64.8	23.7	49.8	16.8	41.8	13.0	-	101.4	68.7	23.9	52.4	16.9	43.8	13.0	-
98.4	92.2	62.8	23.4	48.3	16.5	40.3	12.8	-	98.3	66.6	23.6	50.7	16.5	42.3	12.8	-
111.5	82.5	56.0	22.0	42.8	15.4	35.7	11.9	-	88.2	59.5	22.5	45.2	15.7	37.7	11.9	-
124.7	74.5	50.5	21.2	38.6	14.6	32.0	11.0	-	79.8	53.8	21.4	40.8	14.8	33.7	11.2	-
137.8	68.1	46.1	20.3	34.8	13.9	28.9	10.4	-	73.0	48.9	20.5	37.0	14.1	30.4	10.6	-
150.9	62.8	42.3	19.6	32.0	13.2	26.2	9.9	-	67.2	45.0	19.8	34.0	13.4	27.8	9.9	-
164.0	58.2	39.2	19.0	29.3	12.8	24.0	9.3	-	62.4	41.7	19.2	31.3	13.0	25.6	9.5	-
177.2	54.5	36.6	-	27.3	12.3	22.0	8.8	-	58.4	38.8	18.7	28.9	12.6	23.6	9.0	-
183.7	52.9	35.4	-	26.3	12.3	21.3	8.7	-	56.7	37.6	-	28.0	12.3	22.7	8.8	-
190.3	51.4	34.2	-	25.4	-	20.5	8.6	-	54.9	36.4	-	27.1	12.1	21.8	8.6	-
196.9	50.0	33.3	-	24.6	-	19.8	8.5	-	53.5	35.4	-	26.2	12.1	21.1	8.5	-
203.4	-	32.4	-	23.8	-	19.2	8.4	-	52.0	34.4	-	25.4	-	20.3	8.4	-
213.3	-	31.1	-	22.8	-	18.2	-	-	50.0	33.1	-	24.2	-	19.3	8.2	-
216.5	-	30.6	-	22.5	-	17.9	-	-	-	32.6	-	23.8	-	19.0	-	-
229.7	-	-	-	21.4	-	17.0	-	-	-	31.1	-	22.7	-	17.9	-	-
232.9	-	-	-	21.2	-	16.8	-	-	-	30.6	-	22.4	-	17.6	-	-
242.8	-	-	-	-	-	16.1	-	-	-	-	-	21.6	-	17.0	-	-
249.3	-	-	-	-	-	15.7	-	-	-	-	-	21.2	-	16.5	-	-
252.6	-	-	-	-	-	15.4	-	-	-	-	-	-	-	16.3	-	-
255.9	-	-	-	-	-	-	-	-	-	-	-	-	-	16.1	-	-
269.0	-	-	-	-	-	-	-	-	-	-	-	-	-	15.4	-	-
282.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SSL + LF

308,600 lb + 88,200 lb ZB 29'6" - 49'3" 0 - 264,600 lb 23'9" 360° ISO

ft	216.5 ft								236.2 ft							
	39.4 ft	59.1 ft	78.7 ft	98.4 ft	39.4 ft	59.1 ft	78.7 ft	98.4 ft	39.4 ft	59.1 ft	78.7 ft	98.4 ft				
	10°	10°	40°	10°	40°	10°	40°	10°	10°	40°	10°	40°				
36.1	131.2	-	-	-	-	-	-	-	-	-	-	-				
39.4	131.2	-	-	-	-	-	-	131.2	-	-	-	-				
42.7	131.2	131.2	-	-	-	-	-	131.2	-	-	-	-				
45.9	131.2	129.0	-	-	-	-	-	131.2	125.7	-	-	-				
49.2	131.2	122.4	-	93.7	-	-	-	131.2	123.5	-	93.3	-				
52.5	131.2	116.8	-	89.3	-	74.1	-	131.2	120.2	-	91.7	-				
55.8	131.2	111.3	-	85.3	-	72.1	-	131.2	115.7	-	87.7	-				
59.1	131.2	106.9	-	81.6	-	68.8	-	131.2	110.2	-	84.0	-				
65.6	131.2	98.3	-	75.0	-	63.3	-	131.2	102.3	-	77.6	-				
68.9	131.2	94.7	27.1	72.2	-	60.8	-	131.2	98.5	-	74.7	-				
72.2	131.2	91.1	26.7	69.4	-	58.4	-	131.2	94.8	26.9	71.9	-				
78.7	125.7	84.7	26.0	64.6	-	54.2	-	131.2	88.4	26.0	67.0	-				
82.0	121.8	81.9	25.6	62.4	18.1	52.4	-	127.3	85.6	25.7	64.8	-				
85.3	117.9	79.1	25.1	60.2	17.6	50.5	-	123.5	82.9	25.4	62.6	17.6				
91.9	110.2	74.3	24.5	56.4	17.2	47.2	-	115.7	77.8	24.7	58.9	17.2				
98.4	104.3	70.1	23.8	53.1	16.5	44.3	12.8	110.0	73.4	24.0	55.6	16.8				
111.5	93.7	62.8	22.7	47.4	15.7	39.5	11.9	99.0	65.9	22.9	49.6	15.9				
124.7	84.9	56.9	21.8	42.8	15.0	35.5	11.2	89.7	59.7	22.0	45.0	15.0				
137.8	77.6	51.8	20.9	39.0	14.1	32.2	10.6	82.2	54.7	21.2	41.0	14.3				
150.9	71.7	47.8	20.1	35.7	13.7	29.3	10.1	75.8	50.5	20.5	37.7	13.7				
164.0	66.6	44.3	19.6	33.1	13.0	26.9	9.5	70.5	46.7	19.8	34.6	13.2				
177.2	62.2	41.2	19.0	30.6	12.6	24.9	9.3	65.9	43.4	19.2	32.2	12.8				
187.0	59.4	39.2	18.7	29.2	12.4	23.6	8.9	62.9	41.4	18.8	30.7	12.5				
190.3	58.4	38.6	-	28.7	12.3	23.1	8.8	61.9	40.8	18.7	30.2	12.3				
200.1	55.9	36.9	-	27.3	12.2	21.8	8.7	59.3	39.0	18.5	28.7	12.2				
203.4	55.1	36.4	-	26.9	12.1	21.4	8.6	58.4	38.4	-	28.2	12.1				
206.7	54.5	35.9	-	26.5	11.9	21.1	8.5	57.7	37.9	-	27.8	12.1				
216.5	52.5	34.4	-	25.4	-	20.1	8.4	55.3	36.4	-	26.7	11.9				
226.4	50.7	33.1	-	24.2	-	19.2	8.2	53.4	34.9	-	25.5	-				
229.7	50.0	32.6	-	23.8	-	19.0	-	52.7	34.4	-	25.1	-				
236.2	-	32.0	-	23.3	-	18.4	-	51.6	33.6	-	24.5	-				
242.8	-	31.3	-	22.7	-	17.9	-	50.5	32.8	-	23.8	-				
249.3	-	30.6	-	22.3	-	17.4	-	49.6	32.2	-	23.3	-				
255.9	-	-	-	21.8	-	17.0	-	-	31.5	-	22.7	-				
265.7	-	-	-	21.2	-	16.3	-	-	30.6	-	22.0	-				
269.0	-	-	-	20.9	-	16.1	-	-	-	-	21.8	-				
282.2	-	-	-	-	-	15.4	-	-	-	-	20.9	-				
285.4	-	-	-	-	-	15.4	-	-	-	-	20.9	-				
295.3	-	-	-	-	-	-	-	-	-	-	-	-				
301.8	-	-	-	-	-	-	-	-	-	-	-	-				
308.4	-	-	-	-	-	-	-	-	-	-	-	-				

SSL + LF

308,600 lb + 88,200 lb ZB
 29'6" - 49'3"
 0 - 264,600 lb
 23'9"
 360°
 ISO

ft	255.9 ft								275.6 ft							
	39.4 ft		59.1 ft		78.7 ft		98.4 ft		39.4 ft		59.1 ft		78.7 ft		98.4 ft	
	10°	10°	40°	10°	40°	10°	40°	10°	40°	10°	10°	40°	10°	40°	10°	40°
1,000 lb																
42.7	131.2	-	-	-	-	-	-	-	-	115.7	-	-	-	-	-	-
45.9	131.2	111.3	-	-	-	-	-	-	-	115.7	-	-	-	-	-	-
49.2	131.2	111.3	-	-	-	-	-	-	-	115.7	97.9	-	-	-	-	-
52.5	131.2	111.3	-	87.3	-	-	-	-	-	115.7	97.9	-	81.8	-	-	-
55.8	131.2	110.2	-	87.3	-	67.0	-	-	-	115.7	97.9	-	81.8	-	-	-
59.1	131.2	110.2	-	86.4	-	67.0	-	-	-	115.7	97.9	-	81.6	-	63.1	-
65.6	131.2	105.8	-	80.0	-	66.6	-	-	-	115.7	97.9	-	81.4	-	63.1	-
72.2	131.2	98.5	26.9	74.3	-	62.2	-	-	-	115.7	97.9	-	76.5	-	63.1	-
75.5	131.2	95.2	26.6	71.9	-	60.0	-	-	-	115.7	96.6	26.5	74.1	-	61.3	-
78.7	131.2	91.9	26.2	69.4	-	57.8	-	-	-	115.7	95.2	26.2	71.7	-	59.5	-
85.3	130.1	86.2	25.4	65.0	17.6	54.0	-	-	-	115.7	89.5	25.6	67.2	-	55.8	-
88.6	126.2	83.7	25.1	63.1	17.4	52.4	-	-	-	115.7	87.0	25.2	65.3	17.4	54.1	-
91.9	122.4	81.1	24.9	61.1	17.2	50.7	-	-	-	115.7	84.4	24.9	63.3	17.2	52.5	-
98.4	114.6	76.7	24.3	57.8	16.8	47.8	-	-	-	115.7	79.8	24.3	59.7	16.8	49.4	-
101.7	112.0	74.8	23.9	56.3	16.5	46.6	12.6	-	-	114.0	77.8	24.0	58.3	16.5	48.1	12.6
111.5	104.1	69.0	23.1	51.8	15.9	42.8	11.9	-	-	108.9	71.9	23.4	53.8	15.9	44.3	11.9
124.7	94.6	62.6	22.3	47.0	15.0	38.6	11.2	-	-	99.2	65.5	22.3	48.7	15.2	40.1	11.2
137.8	86.6	57.3	21.4	42.8	14.3	35.1	10.8	-	-	91.1	60.0	21.6	44.5	14.6	36.6	10.8
150.9	80.0	52.9	20.7	39.2	13.9	32.2	10.1	-	-	84.2	55.3	20.7	41.0	13.9	33.5	10.4
164.0	74.5	49.2	20.1	36.4	13.2	29.5	9.7	-	-	78.3	51.4	20.1	37.9	13.4	30.9	9.7
177.2	69.4	45.9	19.4	33.7	12.8	27.3	9.3	-	-	73.2	48.1	19.6	35.3	13.0	28.7	9.5
190.3	65.3	43.0	19.0	31.5	12.6	25.4	9.0	-	-	68.8	45.0	19.2	33.1	12.6	26.7	9.0
203.4	61.7	40.3	18.5	29.5	12.1	23.8	8.6	-	-	64.8	42.3	18.7	31.1	12.1	24.9	8.8
210.0	60.1	39.2	18.5	28.8	12.0	23.0	8.5	-	-	63.2	41.2	18.5	30.1	12.0	24.1	8.6
216.5	58.4	38.1	-	28.0	11.9	22.3	8.4	-	-	61.5	40.1	18.3	29.1	11.9	23.4	8.4
219.8	57.7	37.6	-	27.6	11.8	21.9	8.3	-	-	60.7	39.6	18.3	28.7	11.8	23.0	8.3
229.7	55.6	36.2	-	26.5	11.7	20.9	8.2	-	-	58.4	37.9	-	27.6	11.7	22.0	8.2
239.5	53.7	35.0	-	25.5	-	20.1	8.0	-	-	56.4	36.6	-	26.6	11.5	21.1	8.0
242.8	53.1	34.6	-	25.1	-	19.8	7.9	-	-	55.8	36.2	-	26.2	-	20.7	7.9
249.3	52.0	33.8	-	24.5	-	19.3	7.9	-	-	54.6	35.4	-	25.6	-	20.2	7.9
255.9	50.9	33.1	-	23.8	-	18.7	-	-	-	53.4	34.6	-	24.9	-	19.6	7.9
259.2	50.5	32.7	-	23.5	-	18.5	-	-	-	52.9	34.2	-	24.6	-	19.4	7.7
265.7	49.6	32.1	-	23.0	-	18.1	-	-	-	51.9	33.5	-	24.1	-	19.0	-
269.0	-	31.7	-	22.7	-	17.9	-	-	-	51.4	33.1	-	23.8	-	18.7	-
282.2	-	30.6	-	21.8	-	17.0	-	-	-	49.6	31.7	-	22.7	-	17.9	-
295.3	-	-	-	21.2	-	16.3	-	-	-	-	30.9	-	22.0	-	17.0	-
301.8	-	-	-	20.7	-	16.0	-	-	-	-	30.2	-	21.6	-	16.6	-
308.4	-	-	-	-	-	15.7	-	-	-	-	-	-	21.2	-	16.3	-
318.2	-	-	-	-	-	15.3	-	-	-	-	-	-	20.7	-	15.8	-
321.5	-	-	-	-	-	15.2	-	-	-	-	-	-	-	-	15.7	-
334.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.2	-
337.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.0	-
347.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SSL / LSL + LF

308,600 lb + 88,200 lb ZB 29'6" - 49'3" 0 - 264,600 lb 23'9" 360° ISO

ft	255.9 ft								275.6 ft							
	39.4 ft	59.1 ft	78.7 ft	98.4 ft	118.1 ft	137.8 ft	157.5 ft	177.2 ft	39.4 ft	59.1 ft	78.7 ft	98.4 ft	118.1 ft	137.8 ft	157.5 ft	177.2 ft
	10°	10°	40°	10°	40°	10°	40°	10°	10°	40°	10°	40°	10°	10°	40°	10°
	1,000 lb															
39.4	125.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42.7	125.1	-	-	-	-	-	-	-	107.8	-	-	-	-	-	-	-
45.9	124.6	95.0	-	-	-	-	-	-	107.8	86.4	-	-	-	-	-	-
49.2	123.5	93.9	-	72.8	-	-	-	-	107.6	85.6	-	-	-	-	-	-
52.5	122.4	92.8	-	72.0	-	-	-	-	107.5	84.9	-	66.6	-	-	-	-
55.8	121.3	91.7	-	71.3	-	57.3	-	-	107.3	84.1	-	66.2	-	-	-	-
59.1	120.2	90.6	-	70.5	-	57.3	-	-	107.1	83.3	-	65.9	-	52.0	-	-
65.6	117.9	87.9	-	68.5	-	55.7	-	-	106.9	81.4	-	64.3	-	51.1	-	-
72.2	115.7	85.1	25.8	66.4	-	54.0	-	-	106.7	79.4	-	62.6	-	50.3	-	-
75.5	114.3	83.9	25.5	65.3	-	53.2	-	-	105.8	78.4	25.4	61.8	-	49.7	-	-
78.7	112.9	82.8	25.1	64.3	-	52.5	-	-	104.8	77.5	25.1	61.1	-	49.1	-	-
85.3	110.0	80.5	24.5	62.2	16.8	50.9	-	-	103.0	75.6	24.5	59.5	-	47.8	-	-
88.6	108.6	78.9	24.1	60.6	16.5	49.7	-	-	101.9	74.7	24.2	58.8	16.5	47.2	-	-
91.9	107.3	77.3	23.8	59.0	16.3	48.5	-	-	100.8	73.9	23.9	58.1	16.3	46.6	-	-
98.4	104.5	74.1	23.1	55.8	15.9	46.1	12.1	-	98.5	72.1	23.4	56.7	15.9	45.4	-	-
101.7	103.5	72.3	22.9	54.3	15.7	44.9	12.0	-	97.7	71.3	23.1	55.5	15.7	44.8	11.9	-
111.5	100.5	66.8	22.3	50.0	15.2	41.2	11.5	-	95.2	68.8	22.3	52.0	15.2	42.8	11.5	-
124.7	91.9	60.8	21.4	45.4	14.3	37.3	10.8	-	91.9	63.5	21.4	47.2	14.3	38.8	10.8	-
137.8	84.4	55.8	20.5	41.7	13.7	34.0	10.1	-	88.6	58.2	20.7	43.2	13.9	35.3	10.1	-
150.9	78.3	51.6	19.8	38.4	13.2	31.3	9.7	-	82.0	54.0	20.1	39.9	13.2	32.4	9.7	-
164.0	72.8	47.8	19.2	35.5	12.8	28.9	9.3	-	76.5	50.0	19.4	37.0	12.8	30.0	9.3	-
177.2	68.2	44.9	18.7	33.1	12.3	26.8	8.8	-	71.8	47.0	18.8	34.5	12.3	27.9	9.0	-
190.3	64.1	42.2	18.3	30.9	12.0	24.9	8.5	-	67.5	44.1	18.4	32.3	12.0	26.0	8.6	-
203.4	60.4	39.7	17.9	28.9	11.7	23.1	8.2	-	63.5	41.4	18.1	30.2	11.7	24.3	8.2	-
210.0	58.9	38.6	17.9	28.1	11.5	22.5	8.1	-	61.9	40.3	17.9	29.4	11.5	23.5	8.1	-
216.5	57.5	37.5	-	27.3	11.4	21.8	8.0	-	60.4	39.2	17.7	28.6	11.4	22.8	8.0	-
219.8	56.7	36.9	-	26.9	11.3	21.5	8.0	-	59.6	38.7	17.6	28.2	11.3	22.4	8.0	-
229.7	54.7	35.6	-	25.8	11.2	20.6	7.8	-	57.5	37.3	-	27.0	11.2	21.5	7.8	-
239.5	52.9	34.4	-	24.8	-	19.7	7.6	-	55.6	35.9	-	25.9	11.0	20.6	7.6	-
242.8	52.2	34.0	-	24.5	-	19.4	7.5	-	54.9	35.5	-	25.6	-	20.3	7.5	-
249.3	51.3	33.2	-	24.0	-	18.9	7.5	-	53.8	34.8	-	25.0	-	19.8	7.5	-
255.9	50.3	32.5	-	23.4	-	18.4	-	-	52.7	34.0	-	24.4	-	19.3	7.5	-
259.2	49.9	32.1	-	23.2	-	18.1	-	-	52.1	33.7	-	24.1	-	19.0	7.5	-
265.7	48.9	31.5	-	22.7	-	17.7	-	-	51.1	33.0	-	23.6	-	18.5	-	-
269.0	-	31.2	-	22.5	-	17.5	-	-	50.7	32.6	-	23.4	-	18.3	-	-
282.2	-	30.2	-	21.6	-	16.8	-	-	48.9	31.3	-	22.5	-	17.4	-	-
285.4	-	30.0	-	21.4	-	16.6	-	-	-	31.0	-	22.3	-	17.2	-	-
295.3	-	-	-	20.9	-	16.0	-	-	-	30.3	-	21.6	-	16.7	-	-
301.8	-	-	-	20.5	-	15.7	-	-	-	29.8	-	21.2	-	16.3	-	-
308.4	-	-	-	-	-	15.4	-	-	-	-	-	20.9	-	16.0	-	-
318.2	-	-	-	-	-	14.9	-	-	-	-	-	20.5	-	15.6	-	-
321.5	-	-	-	-	-	14.8	-	-	-	-	-	-	-	15.4	-	-
334.6	-	-	-	-	-	-	-	-	-	-	-	-	-	14.9	-	-
337.9	-	-	-	-	-	-	-	-	-	-	-	-	-	14.8	-	-
347.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SSL / LSL + LF

308,600 lb + 88,200 lb ZB
 29'6" - 49'3"
 0 - 264,600 lb
 23'9"
 360°
 ISO

ft	295.3 ft								315.0 ft							
	39.4 ft		59.1 ft		78.7 ft		98.4 ft		39.4 ft		59.1 ft		78.7 ft		98.4 ft	
	10°	10°	40°	10°	40°	10°	40°	10°	40°	10°	10°	40°	10°	40°	10°	40°
1,000 lb																
42.7	92.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45.9	92.4	-	-	-	-	-	-	-	78.0	-	-	-	-	-	-	-
49.2	92.4	77.2	-	-	-	-	-	-	78.0	65.3	-	-	-	-	-	-
52.5	92.4	76.8	-	-	-	-	-	-	78.0	65.3	-	-	-	-	-	-
55.8	92.4	76.4	-	61.9	-	-	-	-	78.0	65.3	-	54.2	-	-	-	-
59.1	92.4	76.1	-	61.9	-	49.4	-	-	78.0	65.3	-	54.2	-	-	-	-
62.3	92.4	75.6	-	61.3	-	49.0	-	-	78.0	65.3	-	54.1	-	42.5	-	-
65.6	92.4	75.2	-	60.7	-	48.6	-	-	78.0	65.3	-	53.9	-	42.5	-	-
72.2	92.4	74.3	-	59.5	-	47.8	-	-	78.0	65.3	-	53.6	-	42.3	-	-
75.5	92.4	73.8	25.4	58.9	-	47.3	-	-	78.0	65.3	-	53.4	-	42.2	-	-
78.7	92.4	73.3	25.1	58.3	-	46.8	-	-	78.0	65.3	25.1	53.1	-	42.1	-	-
85.3	92.4	72.3	24.5	57.1	-	45.9	-	-	78.0	65.3	24.5	52.7	-	41.9	-	-
88.6	92.4	71.7	24.2	56.5	16.5	45.4	-	-	78.0	64.9	24.3	52.4	-	41.7	-	-
91.9	92.4	71.0	23.9	55.9	16.3	44.9	-	-	78.0	64.5	24.0	52.0	16.3	41.6	-	-
98.4	92.4	69.7	23.4	54.7	15.9	43.9	-	-	78.0	63.7	23.6	51.4	15.9	41.2	-	-
105.0	91.8	68.2	22.9	53.6	15.5	43.0	11.7	-	78.0	62.7	23.0	50.3	15.5	40.6	11.7	-
111.5	91.3	66.8	22.5	52.5	15.2	42.1	11.2	-	78.0	61.7	22.5	49.2	15.2	39.9	11.2	-
124.7	88.8	64.6	21.6	48.9	14.6	40.1	10.8	-	75.2	59.7	21.6	47.2	14.6	38.1	10.8	-
137.8	86.2	60.6	20.7	45.0	13.9	36.6	10.1	-	72.3	57.3	20.9	45.2	13.9	36.4	10.1	-
150.9	83.8	56.2	20.1	41.4	13.2	33.7	9.7	-	69.4	54.9	20.3	43.0	13.2	34.8	9.7	-
164.0	80.0	52.2	19.6	38.4	12.8	31.1	9.3	-	66.6	52.5	19.6	39.9	12.8	32.4	9.3	-
177.2	75.0	49.0	19.0	35.9	12.3	29.0	9.0	-	63.6	50.0	19.2	37.3	12.5	30.2	9.0	-
190.3	70.5	46.0	18.5	33.6	12.0	27.1	8.7	-	60.8	47.5	18.7	34.9	12.1	28.1	8.7	-
203.4	66.6	43.2	18.1	31.5	11.7	25.4	8.4	-	58.0	45.0	18.3	32.8	11.7	26.2	8.4	-
216.5	63.2	41.0	17.8	29.8	11.4	23.7	8.1	-	56.4	42.6	17.9	30.9	11.4	24.8	8.1	-
229.7	60.1	38.9	17.5	28.1	11.2	22.3	7.9	-	54.7	40.5	17.6	29.2	11.2	23.4	7.9	-
232.9	59.4	38.5	17.4	27.8	11.1	22.0	7.8	-	54.3	40.0	17.5	28.9	11.1	23.0	7.8	-
242.8	57.3	37.0	-	26.7	11.0	21.2	7.7	-	53.1	38.6	17.4	27.8	11.0	22.0	7.7	-
252.6	55.6	35.8	-	25.8	10.8	20.4	7.6	-	51.9	37.4	-	26.8	10.9	21.2	7.5	-
255.9	55.0	35.4	-	25.5	-	20.1	7.6	-	51.5	37.0	-	26.5	10.9	20.9	7.4	-
262.5	53.8	34.6	-	24.9	-	19.6	7.5	-	50.7	36.2	-	25.8	10.8	20.3	7.3	-
269.0	52.8	34.0	-	24.4	-	19.1	7.3	-	49.9	35.4	-	25.3	-	19.8	7.3	-
282.2	50.9	32.6	-	23.4	-	18.1	-	-	48.5	34.0	-	24.3	-	19.0	7.3	-
295.3	49.3	31.5	-	22.5	-	17.3	-	-	47.5	32.8	-	23.2	-	18.1	-	-
298.6	48.9	31.2	-	22.3	-	17.2	-	-	47.2	32.5	-	23.0	-	17.9	-	-
308.4	-	30.4	-	21.7	-	16.7	-	-	46.4	31.7	-	22.3	-	17.3	-	-
318.2	-	29.8	-	21.1	-	16.2	-	-	45.6	30.9	-	21.8	-	16.7	-	-
321.5	-	-	-	20.9	-	16.1	-	-	-	30.6	-	21.6	-	16.5	-	-
334.6	-	-	-	20.4	-	15.5	-	-	-	29.8	-	21.0	-	15.9	-	-
337.9	-	-	-	20.3	-	15.4	-	-	-	-	-	20.9	-	15.8	-	-
347.8	-	-	-	-	-	15.0	-	-	-	-	-	20.4	-	15.4	-	-
354.3	-	-	-	-	-	14.8	-	-	-	-	-	20.1	-	15.2	-	-
360.9	-	-	-	-	-	-	-	-	-	-	-	-	-	15.0	-	-
370.7	-	-	-	-	-	-	-	-	-	-	-	-	-	14.8	-	-
374.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SSL / LSL + LF

308,600 lb + 88,200 lb ZB 29'6" - 49'3" 0 - 264,600 lb 23'9" 360° ISO

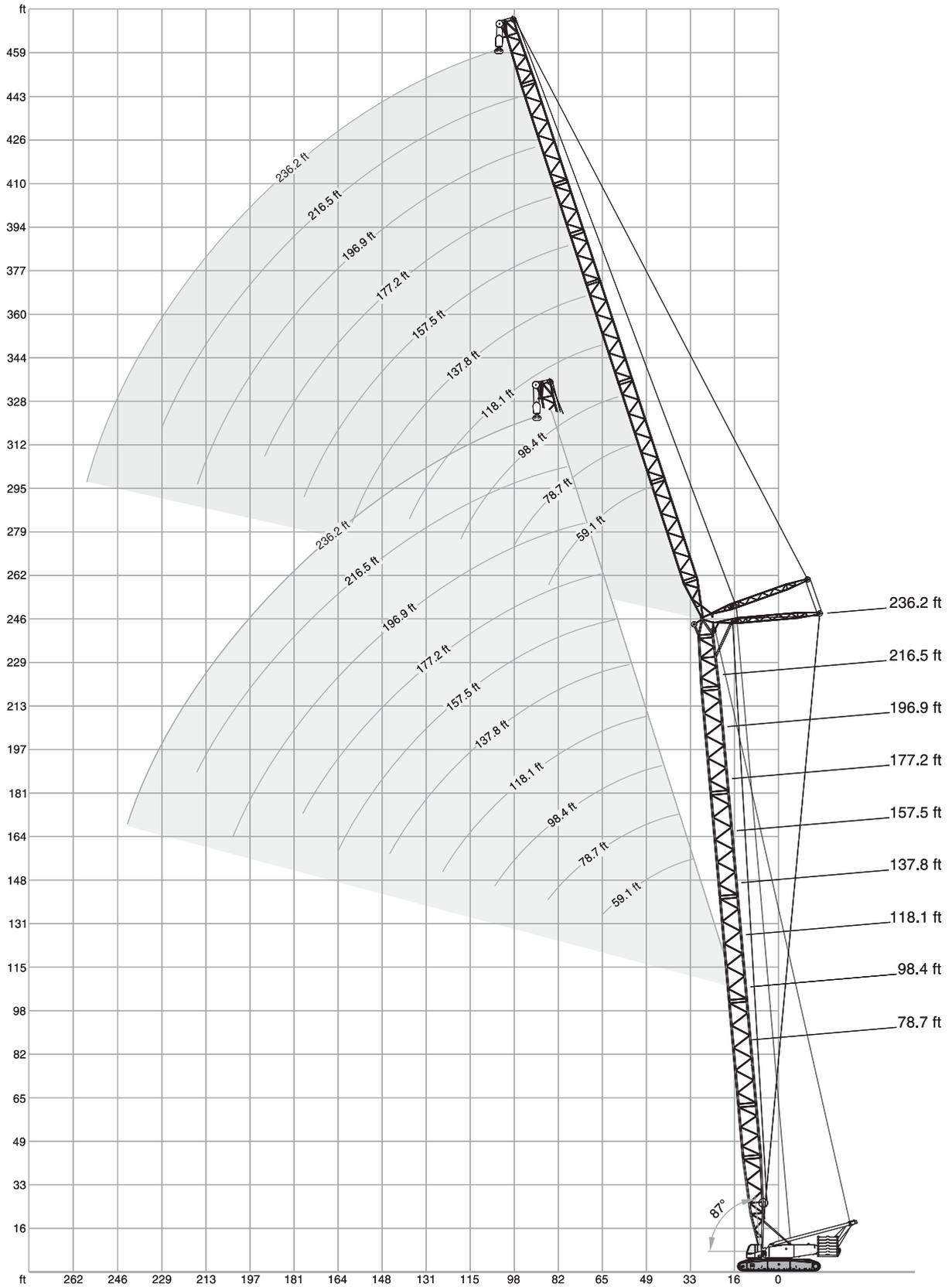
ft	334.6 ft								354.3 ft							
	39.4 ft		59.1 ft		78.7 ft		98.4 ft		39.4 ft		59.1 ft		78.7 ft		98.4 ft	
	10°	10°	40°	10°	40°	10°	40°	10°	40°	10°	10°	40°	10°	40°	10°	40°
1,000 lb																
45.9	66.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49.2	66.6	-	-	-	-	-	-	-	56.7	-	-	-	-	-	-	-
52.5	66.6	56.0	-	-	-	-	-	-	56.6	-	-	-	-	-	-	-
55.8	66.6	56.0	-	-	-	-	-	-	56.5	45.4	-	-	-	-	-	-
59.1	66.6	56.0	-	44.5	-	-	-	-	56.4	45.4	-	35.9	-	-	-	-
62.3	66.6	55.9	-	44.5	-	35.1	-	-	56.3	45.4	-	35.9	-	-	-	-
65.6	66.6	55.8	-	44.4	-	35.1	-	-	56.1	45.4	-	35.9	-	26.9	-	-
72.2	66.6	55.6	-	44.3	-	35.1	-	-	55.8	45.4	-	35.9	-	26.9	-	-
78.7	66.5	55.3	25.1	44.1	-	34.9	-	-	55.6	45.4	-	35.9	-	26.9	-	-
82.0	66.4	55.2	24.8	44.0	-	34.9	-	-	55.4	45.4	24.7	35.9	-	26.9	-	-
85.3	66.4	55.1	24.5	43.9	-	34.8	-	-	55.3	45.4	24.5	35.9	-	26.9	-	-
91.9	65.8	54.3	24.0	43.7	16.1	34.7	-	-	54.7	45.2	24.0	35.9	-	26.9	-	-
95.1	65.5	54.0	23.8	43.5	16.0	34.7	-	-	54.3	45.1	23.8	35.9	15.9	26.9	-	-
98.4	65.3	53.6	23.6	43.4	15.9	34.6	-	-	54.0	45.0	23.6	35.9	15.7	26.9	-	-
108.3	64.4	51.9	22.9	42.1	15.2	34.1	11.5	-	53.0	43.8	22.9	35.4	15.2	26.9	11.5	-
111.5	64.2	51.4	22.7	41.7	15.0	34.0	11.2	-	52.7	43.4	22.7	35.3	15.0	26.9	11.2	-
124.7	61.9	48.9	21.8	39.7	14.6	32.6	10.8	-	51.1	41.9	21.8	34.0	14.3	26.5	10.8	-
137.8	59.5	47.0	21.2	37.9	13.9	31.1	10.1	-	48.9	40.3	21.2	32.6	13.9	26.0	10.1	-
150.9	56.9	45.0	20.3	36.4	13.4	29.8	9.7	-	46.7	38.6	20.5	31.5	13.4	25.8	9.7	-
164.0	54.2	43.0	19.8	34.8	12.8	28.7	9.3	-	44.5	36.8	19.8	30.2	12.8	24.7	9.3	-
177.2	51.6	40.9	19.3	33.4	12.5	27.5	9.0	-	42.3	35.2	19.4	29.0	12.5	23.7	9.0	-
190.3	48.9	38.9	18.7	31.8	12.1	26.3	8.7	-	40.2	33.6	19.0	27.8	12.1	22.7	8.7	-
203.4	46.3	37.0	18.3	30.2	11.7	25.1	8.4	-	38.1	32.0	18.5	26.5	11.7	21.8	8.4	-
216.5	44.4	35.0	18.0	28.7	11.4	23.8	8.1	-	35.9	30.2	18.1	25.1	11.4	20.8	8.1	-
229.7	42.9	33.5	17.7	27.3	11.2	22.6	7.9	-	34.3	28.6	17.7	23.9	11.2	19.8	7.9	-
242.8	41.9	32.6	17.4	25.8	11.0	21.4	7.7	-	33.3	27.1	17.4	22.7	11.0	18.7	7.7	-
255.9	40.9	31.7	17.2	25.2	10.9	20.5	7.4	-	32.4	26.5	17.3	21.8	10.9	17.9	7.4	-
265.7	40.1	31.1	-	24.7	10.7	19.9	7.3	-	31.8	26.1	17.0	21.3	10.8	17.3	7.2	-
269.0	39.8	30.9	-	24.5	10.7	19.8	7.3	-	31.6	25.9	-	21.2	10.7	17.1	7.2	-
275.6	39.3	30.6	-	24.2	10.6	19.5	7.3	-	31.2	25.6	-	20.9	10.7	16.8	7.1	-
282.2	38.8	30.2	-	23.8	-	19.2	7.3	-	30.9	25.4	-	20.7	10.6	16.5	7.1	-
285.4	38.7	30.0	-	23.7	-	19.0	7.2	-	30.6	25.2	-	20.6	10.4	16.5	7.1	-
292.0	38.4	29.7	-	23.4	-	18.7	7.1	-	30.2	24.8	-	20.3	-	16.3	7.1	-
295.3	38.2	29.5	-	23.2	-	18.6	-	-	30.1	24.6	-	20.1	-	16.2	7.1	-
305.1	37.8	29.0	-	22.7	-	18.1	-	-	29.7	24.1	-	19.7	-	16.0	7.1	-
308.4	37.6	28.8	-	22.6	-	17.9	-	-	29.5	24.0	-	19.6	-	15.9	-	-
321.5	37.0	28.2	-	21.8	-	17.2	-	-	29.1	23.6	-	19.2	-	15.4	-	-
334.6	36.4	27.8	-	21.4	-	16.6	-	-	28.7	23.3	-	18.7	-	15.0	-	-
347.8	-	27.3	-	20.9	-	16.0	-	-	28.1	22.8	-	18.3	-	14.6	-	-
351.1	-	27.1	-	20.7	-	15.9	-	-	28.0	22.8	-	18.2	-	14.4	-	-
360.9	-	-	-	20.3	-	15.4	-	-	-	22.5	-	18.1	-	14.1	-	-
370.7	-	-	-	20.1	-	15.2	-	-	-	22.3	-	17.7	-	13.9	-	-
374.0	-	-	-	-	-	15.0	-	-	-	-	-	17.6	-	13.8	-	-
387.1	-	-	-	-	-	14.6	-	-	-	-	-	17.2	-	13.5	-	-
390.4	-	-	-	-	-	14.6	-	-	-	-	-	-	-	13.4	-	-
400.3	-	-	-	-	-	-	-	-	-	-	-	-	-	13.2	-	-
406.8	-	-	-	-	-	-	-	-	-	-	-	-	-	13.0	-	-

SSL / LSL + LF

308,600 lb + 88,200 lb ZB 29'6" - 49'3" 0 - 264,600 lb 23'9" 360° ISO

ft	374.0 ft								393.7 ft							
	39.4 ft		59.1 ft		78.7 ft		98.4 ft		39.4 ft		59.1 ft		78.7 ft		98.4 ft	
	10°	10°	40°	10°	40°	10°	40°	10°	40°	10°	10°	40°	10°	40°	10°	40°
1,000 lb																
52.5	44.5	-	-	-	-	-	-	-	35.1	-	-	-	-	-	-	-
55.8	44.5	35.5	-	-	-	-	-	-	35.1	-	-	-	-	-	-	-
59.1	44.5	35.5	-	-	-	-	-	-	35.1	27.6	-	-	-	-	-	-
62.3	44.5	35.5	-	26.9	-	-	-	-	35.0	27.6	-	20.5	-	-	-	-
65.6	44.4	35.5	-	26.9	-	20.7	-	-	34.9	27.6	-	20.5	-	-	-	-
68.9	44.4	35.5	-	26.9	-	20.7	-	-	34.9	27.6	-	20.5	-	15.9	-	-
72.2	44.3	35.5	-	26.9	-	20.7	-	-	34.8	27.6	-	20.5	-	15.9	-	-
78.7	44.1	35.5	-	26.9	-	20.7	-	-	34.8	27.6	-	20.5	-	15.9	-	-
82.0	44.0	35.5	24.7	26.9	-	20.7	-	-	34.8	27.6	-	20.5	-	15.9	-	-
85.3	43.9	35.5	24.5	26.9	-	20.7	-	-	34.8	27.6	19.8	20.5	-	15.9	-	-
91.9	43.7	35.5	24.0	26.9	-	20.7	-	-	34.6	27.6	19.8	20.5	-	15.9	-	-
95.1	43.5	35.5	23.8	26.9	15.9	20.7	-	-	34.5	27.6	19.8	20.5	-	15.9	-	-
98.4	43.4	35.5	23.6	26.9	15.7	20.7	-	-	34.4	27.6	19.8	20.5	13.2	15.9	-	-
111.5	42.5	34.8	22.7	26.7	15.0	20.7	11.2	-	33.7	27.1	19.8	20.5	13.2	15.9	8.4	-
124.7	41.9	34.2	21.8	26.2	14.3	20.7	10.6	-	32.8	26.7	19.8	20.3	13.2	15.9	8.4	-
137.8	41.0	33.5	21.2	25.8	13.9	20.7	10.1	-	32.2	26.2	19.6	20.1	13.2	15.9	8.4	-
150.9	40.1	32.6	20.5	25.6	13.4	20.7	9.7	-	31.5	25.6	19.6	19.8	13.2	15.9	8.4	-
164.0	39.2	31.7	20.1	24.9	12.8	20.3	9.3	-	30.9	24.9	19.4	19.2	12.8	15.7	8.4	-
177.2	38.2	31.0	19.5	24.3	12.5	19.8	9.0	-	30.1	24.3	19.1	18.7	12.5	15.4	8.4	-
190.3	37.3	30.3	19.0	23.8	12.1	19.4	8.7	-	29.4	23.7	18.8	18.3	12.1	15.0	8.4	-
203.4	36.4	29.5	18.5	23.4	11.7	19.0	8.4	-	28.7	23.1	18.5	17.9	11.7	14.6	8.4	-
216.5	35.5	28.7	18.1	22.8	11.4	18.7	8.1	-	28.1	22.7	18.2	17.4	11.4	14.3	8.1	-
229.7	34.5	27.9	17.7	22.3	11.2	18.3	7.9	-	27.4	22.2	17.9	17.0	11.2	13.9	7.9	-
242.8	33.5	27.1	17.4	21.8	11.0	17.9	7.7	-	26.7	21.6	17.6	16.8	11.0	13.4	7.7	-
255.9	32.6	26.4	17.3	21.2	10.7	17.4	7.4	-	26.1	21.2	17.3	16.3	10.7	13.2	7.4	-
269.0	31.7	25.7	17.1	20.4	10.5	17.0	7.2	-	25.4	20.6	17.0	15.9	10.5	12.9	7.2	-
278.9	31.1	25.3	17.0	19.7	10.4	16.6	7.1	-	24.9	20.2	16.8	15.5	10.4	12.6	7.1	-
282.2	30.9	25.1	-	19.4	10.4	16.5	7.1	-	24.7	20.1	16.8	15.4	10.4	12.6	7.1	-
288.7	30.4	24.8	-	19.0	10.4	16.2	7.1	-	24.4	19.8	16.8	15.2	10.3	12.3	7.1	-
295.3	30.0	24.4	-	18.5	10.4	15.9	7.1	-	24.1	19.6	-	15.0	10.2	12.1	7.1	-
308.4	29.2	23.7	-	17.6	-	15.4	6.9	-	23.5	19.1	-	14.5	10.1	11.7	7.0	-
315.0	28.8	23.4	-	17.0	-	15.1	6.8	-	23.1	18.9	-	14.2	-	11.5	6.9	-
321.5	28.4	23.1	-	16.5	-	14.8	-	-	22.7	18.5	-	14.1	-	11.2	6.8	-
328.1	28.0	22.9	-	15.9	-	14.5	-	-	22.4	18.3	-	13.9	-	11.0	6.8	-
334.6	27.6	22.6	-	15.4	-	14.2	-	-	22.1	18.1	-	13.7	-	10.8	-	-
347.8	27.0	22.0	-	14.5	-	13.6	-	-	21.5	17.6	-	13.2	-	10.4	-	-
360.9	26.2	21.4	-	13.4	-	13.0	-	-	20.9	17.2	-	12.8	-	10.1	-	-
367.5	26.0	21.1	-	12.9	-	12.8	-	-	20.6	16.9	-	12.6	-	9.9	-	-
374.0	-	20.8	-	12.4	-	12.6	-	-	20.4	16.7	-	12.3	-	9.7	-	-
383.9	-	20.4	-	11.7	-	12.2	-	-	20.1	16.4	-	12.0	-	9.4	-	-
387.1	-	20.3	-	11.5	-	12.1	-	-	-	16.3	-	11.8	-	9.3	-	-
400.3	-	-	-	10.8	-	11.5	-	-	-	15.9	-	11.2	-	8.8	-	-
403.5	-	-	-	10.6	-	11.4	-	-	-	15.7	-	11.2	-	8.7	-	-
413.4	-	-	-	-	-	11.0	-	-	-	-	-	10.8	-	8.4	-	-
423.2	-	-	-	-	-	10.6	-	-	-	-	-	10.6	-	8.2	-	-
426.5	-	-	-	-	-	-	-	-	-	-	-	-	-	8.1	-	-
439.6	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	-	-

SW



SW

308,600 lb + 88,200 lb ZB 23'9" 360° ISO

78.7 ft

	59.1 ft			78.7 ft			98.4 ft			118.1 ft			137.8 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
ft	1,000 lb														
29.5	308.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32.8	308.6	-	-	308.6	-	-	-	-	-	-	-	-	-	-	-
39.4	308.6	-	-	308.6	-	-	299.8	-	-	-	-	-	-	-	-
42.7	302.0	-	-	296.5	-	-	287.7	-	-	233.7	-	-	-	-	-
45.9	295.4	-	-	284.4	-	-	275.6	-	-	233.7	-	-	188.5	-	-
52.5	244.7	-	-	244.7	-	-	240.3	-	-	229.3	-	-	188.5	-	-
59.1	210.5	201.7	-	209.4	-	-	209.4	-	-	206.1	-	-	191.8	-	-
65.6	183.0	175.3	-	181.9	174.2	-	181.9	-	-	180.8	-	-	179.7	-	-
72.2	-	155.4	-	160.9	153.2	-	160.9	-	-	159.8	-	-	159.8	-	-
78.7	-	138.9	133.4	144.4	136.7	-	143.3	136.7	-	143.3	-	-	142.2	-	-
85.3	-	125.7	121.3	130.1	123.5	-	130.1	123.5	-	129.0	122.4	-	129.0	-	-
91.9	-	-	110.2	-	112.4	108.7	117.9	112.4	-	116.8	111.3	-	116.8	111.3	-
98.4	-	-	101.4	-	103.8	99.6	108.7	103.4	-	107.8	102.3	-	107.6	102.1	-
111.5	-	-	-	-	-	85.3	-	88.4	84.7	92.2	87.3	83.3	91.9	86.9	-
118.1	-	-	-	-	-	79.4	-	82.5	79.1	85.3	81.6	77.8	85.9	81.1	-
124.7	-	-	-	-	-	-	-	-	73.6	79.4	75.8	72.3	79.8	75.4	71.9
137.8	-	-	-	-	-	-	-	-	-	-	66.8	63.7	69.7	66.4	63.3
150.9	-	-	-	-	-	-	-	-	-	-	-	56.7	-	59.1	56.2
164.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50.5

	157.5 ft			177.2 ft			196.9 ft			216.5 ft			236.2 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
ft	1,000 lb														
52.5	152.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55.8	152.1	-	-	121.3	-	-	-	-	-	-	-	-	-	-	-
59.1	153.2	-	-	121.3	-	-	99.4	-	-	-	-	-	-	-	-
65.6	152.1	-	-	120.2	-	-	98.5	-	-	79.4	-	-	-	-	-
72.2	148.8	-	-	119.0	-	-	98.1	-	-	78.7	-	-	64.6	-	-
78.7	142.2	-	-	116.8	-	-	96.8	-	-	78.0	-	-	63.5	-	-
85.3	127.9	-	-	115.7	-	-	95.5	-	-	76.5	-	-	63.1	-	-
91.9	115.7	-	-	113.5	-	-	93.3	-	-	75.2	-	-	61.7	-	-
98.4	106.7	100.8	-	106.0	-	-	90.6	-	-	73.4	-	-	60.6	-	-
111.5	90.8	85.8	-	90.2	85.1	-	85.5	-	-	70.1	-	-	57.5	-	-
124.7	78.9	74.3	-	78.3	73.6	-	77.2	72.5	-	66.6	69.7	-	54.7	-	-
131.2	74.1	69.8	-	73.4	69.0	-	72.4	67.9	-	64.8	66.1	-	53.4	56.0	-
137.8	69.2	65.3	61.9	68.6	64.4	-	67.7	63.3	-	63.1	62.6	-	52.0	56.0	-
150.9	61.5	58.0	54.9	60.8	57.1	54.0	60.0	56.0	-	59.3	55.3	-	49.6	54.0	-
157.5	56.5	54.9	52.0	57.7	54.1	51.1	56.8	53.0	49.8	56.1	52.4	-	48.4	50.9	-
164.0	52.0	51.8	49.2	54.5	51.1	48.3	53.6	50.0	47.2	52.9	49.4	-	47.2	47.8	-
177.2	-	46.7	44.3	48.7	46.1	43.4	48.3	45.0	42.3	47.2	44.3	41.4	44.1	42.8	-
190.3	-	-	40.1	-	41.7	39.2	43.2	40.6	38.1	42.5	39.9	37.5	39.5	38.6	35.9
203.4	-	-	-	-	-	35.9	35.3	36.8	34.6	38.1	36.2	34.0	34.8	34.8	32.4
216.5	-	-	-	-	-	-	-	33.7	31.5	32.2	33.1	30.9	30.2	31.5	29.1
229.7	-	-	-	-	-	-	-	-	28.9	-	30.2	28.0	25.6	28.7	26.2
242.8	-	-	-	-	-	-	-	-	-	-	-	25.6	20.9	26.2	23.8
255.9	-	-	-	-	-	-	-	-	-	-	-	-	-	23.8	21.6
269.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.6
282.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Remarks

Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

SW

308,600 lb + 88,200 lb ZB  23'9" 360° ISO

98.4 ft																			
																			
59.1 ft				78.7 ft				98.4 ft				118.1 ft				137.8 ft			
																			
87°-85° 75° 65°				87°-85° 75° 65°				87°-85° 75° 65°				87°-85° 75° 65°				87°-85° 75° 65°			
ft																			
1,000 lb																			
29.5	308.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
32.8	308.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
36.1	308.6	-	-	308.6	-	-	-	-	-	-	-	-	-	-	-				
39.4	308.6	-	-	308.6	-	-	253.5	-	-	-	-	-	-	-	-				
42.7	297.6	-	-	291.0	-	-	253.5	-	-	202.8	-	-	-	-	-				
45.9	286.6	-	-	273.4	-	-	253.5	-	-	202.8	-	-	-	-	-				
49.2	265.7	-	-	256.8	-	-	242.5	-	-	202.8	-	-	165.3	-	-				
52.5	244.7	-	-	240.3	-	-	231.5	-	-	207.2	-	-	165.3	-	-				
59.1	209.4	-	-	208.3	-	-	207.2	-	-	199.5	-	-	167.6	-	-				
62.3	196.2	184.1	-	195.1	-	-	194.0	-	-	189.6	-	-	167.6	-	-				
65.6	183.0	173.1	-	181.9	-	-	180.8	-	-	179.7	-	-	167.6	-	-				
72.2	159.8	152.1	-	159.8	151.0	-	159.8	-	-	159.8	-	-	158.7	-	-				
78.7	-	136.7	-	143.3	134.5	-	143.3	134.5	-	142.2	-	-	142.2	-	-				
85.3	-	123.5	-	129.0	121.3	-	129.0	121.3	-	129.0	-	-	127.9	-	-				
91.9	-	-	107.4	116.8	110.2	-	117.9	110.2	-	116.8	109.6	-	116.8	-	-				
98.4	-	-	98.5	-	101.9	96.6	108.2	101.4	-	107.4	100.3	-	107.1	100.1	-				
105.0	-	-	90.8	-	94.2	89.5	98.4	94.0	-	99.5	92.9	-	99.3	92.7	-				
111.5	-	-	-	-	-	82.5	89.7	86.6	82.0	91.7	85.5	-	91.5	85.3	-				
124.7	-	-	-	-	-	71.9	-	75.4	71.2	78.7	74.3	69.9	79.4	73.9	-				
131.2	-	-	-	-	-	-	-	-	66.9	-	69.8	65.7	73.9	69.4	65.0				
137.8	-	-	-	-	-	-	-	-	62.6	-	65.3	61.5	69.2	65.0	60.8				
144.4	-	-	-	-	-	-	-	-	59.1	-	61.7	58.1	63.1	61.4	57.4				
150.9	-	-	-	-	-	-	-	-	-	-	-	54.7	-	57.8	54.0				
164.0	-	-	-	-	-	-	-	-	-	-	-	48.9	-	51.8	48.5				
177.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.9				

157.5 ft																			
																			
157.5 ft				177.2 ft				196.9 ft				216.5 ft				236.2 ft			
																			
87°-85° 75° 65°				87°-85° 75° 65°				87°-85° 75° 65°				87°-85° 75° 65°				87°-85° 75° 65°			
ft																			
1,000 lb																			
52.5	134.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
55.8	134.5	-	-	110.2	-	-	-	-	-	-	-	-	-	-	-				
59.1	134.5	-	-	110.2	-	-	-	-	-	-	-	-	-	-	-				
62.3	136.7	-	-	110.2	-	-	91.3	-	-	-	-	-	-	-	-				
65.6	136.7	-	-	112.4	-	-	91.3	-	-	75.6	-	-	-	-	-				
72.2	136.7	-	-	111.3	-	-	91.9	-	-	75.0	-	-	60.2	-	-				
78.7	136.7	-	-	111.3	-	-	91.3	-	-	74.1	-	-	59.7	-	-				
85.3	127.9	-	-	110.2	-	-	89.7	-	-	73.6	-	-	59.3	-	-				
91.9	115.7	-	-	109.1	-	-	88.2	-	-	72.5	-	-	58.0	-	-				
98.4	106.3	-	-	104.5	-	-	86.6	-	-	71.0	-	-	56.7	-	-				
105.0	98.4	90.8	-	96.7	-	-	84.7	-	-	68.9	-	-	55.2	-	-				
111.5	90.6	84.0	-	89.9	83.3	-	82.7	-	-	66.8	-	-	53.8	-	-				
124.7	78.5	72.8	-	77.8	71.9	-	76.9	70.8	-	63.7	-	-	51.1	-	-				
137.8	69.0	63.7	-	68.3	63.1	-	67.5	61.9	-	60.8	61.3	-	48.7	52.0	-				
144.4	65.1	60.2	56.0	64.5	59.4	-	63.6	58.3	-	59.5	57.7	-	47.7	51.7	-				
150.9	61.3	56.7	52.9	60.6	55.8	-	59.7	54.7	-	58.2	54.0	-	46.7	51.4	-				
164.0	52.7	50.7	47.2	54.2	49.8	46.3	53.4	48.7	-	52.7	48.1	-	44.5	46.5	-				
177.2	-	45.6	42.5	48.3	45.0	41.7	47.8	43.7	40.3	47.4	43.0	39.7	41.7	41.7	-				
190.3	-	-	38.4	-	40.6	37.7	42.8	39.5	36.4	42.8	38.8	35.7	39.0	37.5	34.0				
203.4	-	-	-	-	37.0	34.2	35.3	35.9	32.8	38.4	35.3	32.2	36.2	33.7	30.4				
216.5	-	-	-	-	-	31.3	-	32.6	29.8	33.3	32.0	28.9	33.5	30.6	27.1				
229.7	-	-	-	-	-	-	-	-	27.1	-	29.3	26.2	29.5	27.6	24.5				
242.8	-	-	-	-	-	-	-	-	-	-	26.9	23.8	23.1	25.1	22.0				
255.9	-	-	-	-	-	-	-	-	-	-	-	21.8	-	22.9	19.8				
269.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.1				

Remarks: Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

SW

308,600 lb + 88,200 lb ZB 23'9" 360° ISO

118.1 ft

	59.1 ft			78.7 ft			98.4 ft			118.1 ft			137.8 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
ft	1,000 lb														
32.8	308.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36.1	308.6	-	-	262.4	-	-	-	-	-	-	-	-	-	-	-
39.4	308.6	-	-	262.4	-	-	213.8	-	-	-	-	-	-	-	-
45.9	275.6	-	-	260.1	-	-	213.8	-	-	175.3	-	-	-	-	-
49.2	257.9	-	-	245.8	-	-	217.2	-	-	175.3	-	-	144.4	-	-
52.5	240.3	-	-	231.5	-	-	217.2	-	-	177.5	-	-	144.4	-	-
59.1	209.4	-	-	206.1	-	-	200.6	-	-	177.5	-	-	146.6	-	-
65.6	181.9	-	-	180.8	-	-	180.8	-	-	174.2	-	-	146.6	-	-
72.2	158.7	149.9	-	159.8	-	-	159.8	-	-	158.7	-	-	146.6	-	-
78.7	-	133.4	-	142.2	132.3	-	142.2	-	-	142.2	-	-	140.0	-	-
85.3	-	121.3	-	129.0	119.0	-	129.0	119.0	-	127.9	-	-	127.9	-	-
91.9	-	110.2	-	115.7	108.9	-	116.8	108.5	-	116.8	107.4	-	115.7	-	-
98.4	-	-	95.2	-	99.6	-	107.8	99.4	-	106.9	98.3	-	106.9	-	-
111.5	-	-	81.4	-	85.1	79.4	91.1	84.7	-	91.3	83.8	-	91.1	83.3	-
118.1	-	-	-	-	-	74.2	-	79.1	73.4	85.3	78.2	-	85.1	77.7	-
124.7	-	-	-	-	-	69.0	-	73.6	68.3	79.4	72.5	-	79.1	72.1	-
131.2	-	-	-	-	-	64.7	-	69.0	64.3	73.2	68.1	62.8	74.4	67.8	-
137.8	-	-	-	-	-	-	-	-	60.2	-	63.7	58.9	69.7	63.5	-
150.9	-	-	-	-	-	-	-	-	53.6	-	56.7	52.2	58.4	56.2	51.8
164.0	-	-	-	-	-	-	-	-	-	-	-	46.7	-	50.5	46.3
177.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.9
190.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.9
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	157.5 ft			177.2 ft			196.9 ft			216.5 ft			236.2 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
ft	1,000 lb														
52.5	119.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	119.0	-	-	99.4	-	-	-	-	-	-	-	-	-	-	-
62.3	121.3	-	-	99.4	-	-	82.7	-	-	-	-	-	-	-	-
65.6	121.3	-	-	99.4	-	-	82.7	-	-	69.0	-	-	-	-	-
72.2	121.3	-	-	101.0	-	-	83.6	-	-	69.0	-	-	57.1	-	-
78.7	121.3	-	-	101.0	-	-	83.6	-	-	69.9	-	-	56.9	-	-
85.3	121.3	-	-	100.8	-	-	83.6	-	-	69.4	-	-	56.2	-	-
91.9	113.5	-	-	99.9	-	-	83.3	-	-	69.0	-	-	55.8	-	-
98.4	106.0	-	-	99.0	-	-	81.8	-	-	68.3	-	-	54.7	-	-
111.5	90.2	82.2	-	89.5	-	-	78.3	-	-	65.5	-	-	52.2	-	-
118.1	84.2	76.6	-	83.6	75.4	-	76.3	-	-	63.9	-	-	50.6	-	-
124.7	78.3	71.0	-	77.6	70.1	-	74.3	69.0	-	62.4	-	-	48.9	-	-
137.8	68.6	62.2	-	67.9	61.5	-	67.0	60.4	-	59.3	59.5	-	47.0	-	-
150.9	61.1	55.1	50.5	60.4	54.5	-	59.3	53.4	-	56.4	52.5	-	45.0	49.4	-
164.0	53.8	49.4	45.0	54.0	48.5	44.1	52.9	47.4	-	51.4	46.7	-	43.0	45.2	-
177.2	-	44.3	40.6	47.8	43.7	39.7	47.6	42.5	38.4	47.0	41.9	-	41.2	40.3	-
190.3	-	40.3	36.6	-	39.5	35.7	42.8	38.4	34.4	42.5	37.7	33.5	39.2	36.2	-
203.4	-	-	33.3	-	35.9	32.4	37.5	34.8	30.9	38.6	34.2	30.0	36.6	32.6	28.2
216.5	-	-	-	-	-	29.3	-	31.7	27.8	34.6	30.9	26.9	33.3	29.3	25.1
226.4	-	-	-	-	-	27.5	-	29.5	25.8	28.9	28.9	24.9	31.0	27.2	23.1
229.7	-	-	-	-	-	26.9	-	-	25.1	-	28.2	24.3	30.2	26.5	22.5
242.8	-	-	-	-	-	-	-	-	22.9	-	25.6	22.0	24.7	24.0	20.3
255.9	-	-	-	-	-	-	-	-	-	-	-	20.1	-	21.8	18.3
269.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.3
282.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.8

Remarks

Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

SW

308,600 lb + 88,200 lb ZB  23'9" 360° ISO

 137.8 ft

ft	59.1 ft			78.7 ft			98.4 ft			118.1 ft			137.8 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
32.8	273.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36.1	273.4	-	-	220.5	-	-	-	-	-	-	-	-	-	-	-
39.4	275.6	-	-	220.5	-	-	-	-	-	-	-	-	-	-	-
42.7	269.0	-	-	220.5	-	-	183.0	-	-	-	-	-	-	-	-
45.9	264.6	-	-	222.7	-	-	183.0	-	-	151.0	-	-	-	-	-
49.2	248.0	-	-	221.6	-	-	185.2	-	-	151.0	-	-	125.7	-	-
52.5	231.5	-	-	220.5	-	-	185.2	-	-	151.0	-	-	125.7	-	-
59.1	208.3	-	-	199.5	-	-	185.2	-	-	153.2	-	-	127.9	-	-
65.6	180.8	-	-	179.7	-	-	173.1	-	-	153.2	-	-	127.9	-	-
72.2	159.8	146.6	-	158.7	-	-	158.7	-	-	151.0	-	-	127.9	-	-
78.7	-	131.2	-	142.2	-	-	142.2	-	-	140.0	-	-	127.9	-	-
85.3	-	117.9	-	127.9	116.8	-	127.9	-	-	127.9	-	-	125.7	-	-
91.9	-	108.2	-	114.6	106.5	-	116.8	106.0	-	115.7	-	-	115.7	-	-
98.4	-	99.2	-	-	97.4	-	107.1	97.0	-	106.5	95.9	-	106.3	-	-
105.0	-	-	84.7	-	90.3	-	99.2	89.8	-	98.7	88.8	-	98.4	88.0	-
111.5	-	-	78.3	-	83.1	-	90.2	82.7	-	90.8	81.8	-	90.6	81.4	-
118.1	-	-	73.0	-	77.4	71.0	-	77.3	-	84.9	76.3	-	84.7	75.8	-
124.7	-	-	-	-	-	66.1	-	71.9	-	78.9	70.8	-	78.7	70.3	-
131.2	-	-	-	-	-	62.2	-	67.6	61.5	72.8	66.5	-	74.0	66.0	-
137.8	-	-	-	-	-	58.2	-	63.3	57.5	-	62.2	56.4	69.2	61.7	-
150.9	-	-	-	-	-	-	-	-	51.1	-	55.3	49.8	60.6	54.9	49.4
157.5	-	-	-	-	-	-	-	-	48.5	-	52.2	47.3	-	52.0	46.7
164.0	-	-	-	-	-	-	-	-	-	-	-	44.8	-	49.2	44.1
177.2	-	-	-	-	-	-	-	-	-	-	-	40.3	-	44.3	39.7
190.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.9

ft	157.5 ft			177.2 ft			196.9 ft			216.5 ft			236.2 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
55.8	105.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	105.6	-	-	88.8	-	-	-	-	-	-	-	-	-	-	-
62.3	105.6	-	-	88.8	-	-	74.5	-	-	-	-	-	-	-	-
65.6	107.4	-	-	88.8	-	-	74.5	-	-	-	-	-	-	-	-
72.2	107.4	-	-	90.2	-	-	74.5	-	-	62.6	-	-	52.7	-	-
78.7	107.4	-	-	90.2	-	-	75.4	-	-	63.1	-	-	52.5	-	-
85.3	107.4	-	-	90.2	-	-	75.4	-	-	63.1	-	-	52.7	-	-
91.9	107.4	-	-	89.3	-	-	75.2	-	-	62.2	-	-	52.7	-	-
98.4	103.4	-	-	88.2	-	-	75.0	-	-	61.5	-	-	52.0	-	-
111.5	89.7	-	-	84.0	-	-	74.1	-	-	59.1	-	-	49.8	-	-
124.7	77.8	69.2	-	77.2	68.3	-	70.8	-	-	56.9	-	-	46.5	-	-
131.2	73.1	64.9	-	72.4	64.0	-	68.1	62.8	-	55.8	-	-	45.4	-	-
137.8	68.3	60.6	-	67.7	59.7	-	65.5	58.6	-	54.7	56.7	-	44.3	-	-
150.9	60.6	53.6	-	60.0	52.9	-	59.1	51.8	-	52.5	50.9	-	42.5	46.5	-
164.0	53.4	47.8	42.8	53.6	47.2	-	52.7	46.1	-	50.0	45.2	-	40.8	43.9	-
177.2	-	43.2	38.4	47.8	42.3	37.5	47.4	41.2	-	46.5	40.6	-	39.0	39.0	-
190.3	-	39.0	34.6	41.4	38.4	33.5	43.0	37.0	32.2	42.3	36.4	-	37.5	34.8	-
203.4	-	-	31.3	-	34.8	30.2	38.1	33.7	28.7	38.4	32.8	27.8	35.9	31.1	-
216.5	-	-	28.4	-	-	27.3	-	30.6	25.8	34.2	29.8	24.9	32.8	28.0	23.1
229.7	-	-	-	-	-	24.9	-	27.8	23.4	-	26.9	22.5	30.0	25.1	20.5
242.8	-	-	-	-	-	-	-	-	21.2	-	24.5	20.3	25.8	22.7	18.3
255.9	-	-	-	-	-	-	-	-	19.2	-	-	18.3	-	20.5	16.3
269.0	-	-	-	-	-	-	-	-	-	-	-	16.5	-	18.7	14.6
282.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.2
295.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Remarks: Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

SW

308,600 lb + 88,200 lb ZB 23'9" 360° ISO

157.5 ft

ft	59.1 ft			78.7 ft			98.4 ft			118.1 ft			137.8 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
32.8	227.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	229.3	-	-	187.4	-	-	-	-	-	-	-	-	-	-	-
42.7	229.3	-	-	187.4	-	-	156.5	-	-	-	-	-	-	-	-
45.9	229.3	-	-	188.5	-	-	156.5	-	-	130.1	-	-	-	-	-
52.5	220.5	-	-	188.5	-	-	157.6	-	-	130.1	-	-	110.2	-	-
59.1	198.4	-	-	188.5	-	-	157.6	-	-	132.3	-	-	110.2	-	-
65.6	180.8	-	-	170.9	-	-	157.6	-	-	132.3	-	-	111.3	-	-
72.2	159.8	-	-	157.6	-	-	152.1	-	-	132.3	-	-	111.3	-	-
78.7	140.0	127.9	-	141.1	-	-	138.9	-	-	131.2	-	-	111.3	-	-
85.3	-	115.7	-	127.9	113.5	-	127.9	-	-	124.6	-	-	111.3	-	-
91.9	-	105.6	-	115.7	103.6	-	115.7	-	-	113.5	-	-	108.2	-	-
98.4	-	96.8	-	-	95.0	-	106.7	94.6	-	106.0	-	-	103.8	-	-
105.0	-	89.3	-	-	88.0	-	98.6	87.5	-	98.2	86.2	-	96.1	-	-
111.5	-	-	75.0	-	80.9	-	89.3	80.5	-	90.4	79.6	-	90.2	79.1	-
124.7	-	-	65.0	-	70.3	62.8	-	69.9	-	78.5	68.8	-	78.3	68.3	-
131.2	-	-	60.8	-	-	59.0	-	65.7	-	72.1	64.6	-	73.5	64.2	-
137.8	-	-	-	-	-	55.1	-	61.5	54.7	-	60.4	-	68.8	60.0	-
144.4	-	-	-	-	-	52.1	-	58.0	51.6	-	57.0	-	63.7	56.5	-
150.9	-	-	-	-	-	49.2	-	-	48.5	-	53.6	47.4	60.0	53.1	-
157.5	-	-	-	-	-	-	-	-	46.0	-	50.8	44.8	-	50.4	44.1
164.0	-	-	-	-	-	-	-	-	43.4	-	-	42.1	-	47.6	41.7
177.2	-	-	-	-	-	-	-	-	-	-	-	37.9	-	43.0	37.5
190.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.7
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.4

ft	157.5 ft			177.2 ft			196.9 ft			216.5 ft			236.2 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
55.8	93.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	93.0	-	-	78.7	-	-	-	-	-	-	-	-	-	-	-
65.6	94.4	-	-	78.7	-	-	66.6	-	-	-	-	-	-	-	-
68.9	94.4	-	-	78.7	-	-	66.6	-	-	56.4	-	-	-	-	-
72.2	94.4	-	-	79.8	-	-	66.6	-	-	56.4	-	-	47.6	-	-
78.7	94.4	-	-	79.8	-	-	67.5	-	-	56.4	-	-	47.6	-	-
85.3	94.4	-	-	79.8	-	-	67.5	-	-	56.9	-	-	48.1	-	-
91.9	94.4	-	-	79.8	-	-	67.5	-	-	56.7	-	-	48.1	-	-
98.4	92.8	-	-	79.8	-	-	67.5	-	-	56.4	-	-	47.2	-	-
111.5	87.5	-	-	77.6	-	-	67.5	-	-	54.2	-	-	44.8	-	-
118.1	81.6	72.3	-	75.9	-	-	65.8	-	-	53.0	-	-	43.7	-	-
124.7	76.3	67.2	-	74.3	-	-	64.2	-	-	51.8	-	-	42.5	-	-
137.8	67.9	58.9	-	65.7	58.0	-	60.8	56.9	-	49.2	-	-	40.8	-	-
144.4	64.2	55.4	-	61.9	54.6	-	59.1	53.5	-	48.0	51.8	-	40.1	-	-
150.9	60.4	52.0	-	59.7	51.1	-	57.3	50.0	-	47.2	49.4	-	39.5	-	-
164.0	52.7	46.5	-	53.4	45.6	-	51.1	44.5	-	45.6	43.7	-	37.9	42.1	-
177.2	-	41.7	35.7	47.0	41.0	-	47.2	39.9	-	43.7	39.0	-	36.6	37.5	-
190.3	-	37.7	32.0	40.8	37.0	31.1	42.5	35.7	29.5	40.8	35.1	-	35.3	33.3	-
203.4	-	-	28.9	-	33.5	27.8	37.7	32.2	26.5	37.0	31.5	25.4	34.0	29.5	-
216.5	-	-	26.2	-	30.6	25.1	-	29.1	23.6	33.7	28.2	22.7	32.4	26.5	20.7
229.7	-	-	-	-	-	22.7	-	26.5	21.2	27.6	25.6	20.3	29.5	23.8	18.3
242.8	-	-	-	-	-	20.7	-	-	19.2	-	23.1	18.1	25.1	21.4	16.3
255.9	-	-	-	-	-	-	-	-	17.2	-	21.2	16.3	-	19.4	14.3
269.0	-	-	-	-	-	-	-	-	-	-	-	14.8	-	17.4	12.8
282.2	-	-	-	-	-	-	-	-	-	-	-	13.2	-	-	11.2
295.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.9

Remarks: Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

SW

308,600 lb + 88,200 lb ZB  23'9" 360° ISO

 177.2 ft

ft	59.1 ft			78.7 ft			98.4 ft			118.1 ft			137.8 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
36.1	191.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	191.8	-	-	159.8	-	-	-	-	-	-	-	-	-	-	-
42.7	192.9	-	-	159.8	-	-	134.5	-	-	-	-	-	-	-	-
45.9	192.9	-	-	159.8	-	-	134.5	-	-	-	-	-	-	-	-
49.2	192.9	-	-	160.9	-	-	134.5	-	-	113.5	-	-	-	-	-
52.5	192.9	-	-	160.9	-	-	135.6	-	-	113.5	-	-	96.6	-	-
59.1	185.2	-	-	160.9	-	-	135.6	-	-	114.6	-	-	96.6	-	-
65.6	172.0	-	-	157.6	-	-	135.6	-	-	114.6	-	-	97.7	-	-
72.2	158.7	-	-	151.0	-	-	134.5	-	-	114.6	-	-	97.7	-	-
78.7	138.9	-	-	137.8	-	-	130.1	-	-	114.6	-	-	97.7	-	-
85.3	-	112.4	-	126.8	-	-	124.6	-	-	111.3	-	-	97.7	-	-
91.9	-	103.0	-	115.7	101.0	-	112.4	-	-	109.1	-	-	95.9	-	-
98.4	-	94.4	-	103.8	92.4	-	106.0	92.2	-	103.0	-	-	93.0	-	-
111.5	-	-	-	-	78.7	-	88.4	78.3	-	88.0	77.4	-	87.5	-	-
118.1	-	-	-	-	73.4	-	82.5	73.1	-	83.0	72.1	-	81.7	71.5	-
124.7	-	-	61.9	-	68.1	-	-	67.9	-	78.0	66.8	-	75.8	66.4	-
131.2	-	-	58.2	-	-	55.8	-	63.7	-	71.4	62.7	-	71.3	62.3	-
137.8	-	-	54.5	-	-	52.2	-	59.5	-	-	58.6	-	68.1	58.2	-
144.4	-	-	-	-	-	49.3	-	56.1	48.7	-	55.2	-	63.1	54.9	-
150.9	-	-	-	-	-	46.3	-	-	45.9	-	51.8	-	59.3	51.6	-
157.5	-	-	-	-	-	43.9	-	-	43.3	-	49.2	42.0	-	48.8	-
164.0	-	-	-	-	-	-	-	-	40.8	-	46.5	39.5	-	46.1	-
177.2	-	-	-	-	-	-	-	-	36.8	-	-	35.3	-	41.4	34.6
190.3	-	-	-	-	-	-	-	-	-	-	-	31.7	-	-	31.1
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.2
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.6

ft	157.5 ft			177.2 ft			196.9 ft			216.5 ft			236.2 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
55.8	82.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	82.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
62.3	82.0	-	-	69.9	-	-	-	-	-	-	-	-	-	-	-
65.6	82.0	-	-	69.9	-	-	59.3	-	-	-	-	-	-	-	-
72.2	82.9	-	-	70.8	-	-	59.3	-	-	50.7	-	-	-	-	-
78.7	82.9	-	-	70.8	-	-	60.0	-	-	50.7	-	-	43.0	-	-
85.3	82.9	-	-	70.8	-	-	60.0	-	-	51.1	-	-	43.0	-	-
91.9	82.9	-	-	70.8	-	-	59.5	-	-	50.9	-	-	43.4	-	-
98.4	82.2	-	-	70.8	-	-	59.1	-	-	50.5	-	-	43.2	-	-
111.5	77.8	-	-	69.0	-	-	57.3	-	-	49.8	-	-	43.0	-	-
124.7	73.4	65.3	-	65.5	-	-	55.3	-	-	46.7	-	-	41.4	-	-
131.2	69.6	61.2	-	63.7	60.0	-	54.2	-	-	45.5	-	-	40.7	-	-
137.8	65.7	57.1	-	61.9	56.2	-	53.1	-	-	44.5	-	-	39.9	-	-
150.9	58.4	50.3	-	57.5	49.6	-	50.9	48.5	-	42.8	46.7	-	37.9	-	-
157.5	55.3	47.6	-	54.6	46.8	-	49.7	45.7	-	41.9	44.4	-	36.9	37.9	-
164.0	52.2	45.0	-	51.6	44.1	-	48.5	43.0	-	41.0	42.1	-	35.9	37.9	-
177.2	-	40.3	33.1	46.3	39.5	-	45.4	38.4	-	39.0	37.5	-	34.0	35.5	-
190.3	-	36.4	29.5	42.1	35.5	28.4	41.0	34.4	-	37.0	33.5	-	32.2	31.5	-
203.4	-	33.1	26.5	-	32.2	25.6	37.3	30.9	24.0	34.8	30.0	-	30.2	28.0	-
216.5	-	-	23.8	-	29.1	22.9	-	27.8	21.4	32.8	26.9	20.5	28.2	25.1	-
229.7	-	-	21.6	-	-	20.5	-	25.1	19.2	28.4	24.3	18.1	26.2	22.5	16.1
242.8	-	-	-	-	-	18.5	-	22.9	17.0	-	21.8	16.1	24.5	20.1	14.1
255.9	-	-	-	-	-	-	-	-	15.2	-	19.8	14.3	-	18.1	12.3
269.0	-	-	-	-	-	-	-	-	13.9	-	-	12.8	-	16.3	10.8
282.2	-	-	-	-	-	-	-	-	-	-	-	11.5	-	14.8	9.5
295.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.2
308.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.3

SW

308,600 lb + 88,200 lb ZB 23'9" 360° ISO

196.9 ft

	59.1 ft			78.7 ft			98.4 ft			118.1 ft			137.8 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
ft	1,000 lb														
36.1	162.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	162.0	-	-	135.6	-	-	-	-	-	-	-	-	-	-	-
45.9	162.0	-	-	135.6	-	-	115.7	-	-	-	-	-	-	-	-
49.2	162.0	-	-	136.7	-	-	115.7	-	-	98.5	-	-	-	-	-
52.5	162.0	-	-	136.7	-	-	115.7	-	-	98.5	-	-	84.2	-	-
59.1	158.7	-	-	136.7	-	-	115.7	-	-	99.2	-	-	84.2	-	-
65.6	152.1	-	-	135.6	-	-	115.7	-	-	99.2	-	-	84.9	-	-
72.2	146.6	-	-	130.1	-	-	115.7	-	-	99.2	-	-	84.9	-	-
78.7	137.8	-	-	125.7	-	-	111.3	-	-	99.2	-	-	84.9	-	-
85.3	-	-	-	120.2	-	-	108.0	-	-	97.0	-	-	84.9	-	-
91.9	-	100.1	-	111.3	-	-	103.8	-	-	93.5	-	-	83.8	-	-
98.4	-	91.5	-	102.7	89.5	-	100.1	-	-	89.9	-	-	80.9	-	-
105.0	-	84.8	-	-	82.8	-	93.8	82.0	-	86.8	-	-	78.0	-	-
111.5	-	78.0	-	-	76.1	-	87.5	75.8	-	83.6	74.7	-	75.2	-	-
118.1	-	-	-	-	71.0	-	81.6	70.7	-	79.5	69.7	-	72.5	-	-
124.7	-	-	-	-	65.9	-	-	65.5	-	75.4	64.6	-	69.9	64.2	-
137.8	-	-	51.4	-	-	-	-	57.5	-	66.4	56.4	-	65.7	56.2	-
150.9	-	-	-	-	-	43.0	-	51.1	42.5	-	50.0	-	58.6	49.8	-
157.5	-	-	-	-	-	40.7	-	-	40.1	-	47.4	-	55.6	47.1	-
164.0	-	-	-	-	-	38.4	-	-	37.7	-	44.8	36.4	-	44.3	-
177.2	-	-	-	-	-	-	-	-	33.7	-	-	32.2	-	39.9	31.7
190.3	-	-	-	-	-	-	-	-	-	-	-	28.9	-	36.2	28.4
203.4	-	-	-	-	-	-	-	-	-	-	-	26.2	-	-	25.6
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.1
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	157.5 ft			177.2 ft			196.9 ft			216.5 ft			236.2 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
ft	1,000 lb														
59.1	72.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
62.3	72.1	-	-	61.5	-	-	-	-	-	-	-	-	-	-	-
65.6	72.1	-	-	61.5	-	-	52.7	-	-	-	-	-	-	-	-
72.2	72.5	-	-	61.5	-	-	52.7	-	-	45.0	-	-	-	-	-
78.7	72.5	-	-	62.2	-	-	53.1	-	-	45.0	-	-	38.1	-	-
85.3	72.5	-	-	62.2	-	-	53.1	-	-	45.4	-	-	38.1	-	-
91.9	72.5	-	-	62.2	-	-	53.1	-	-	45.4	-	-	38.1	-	-
98.4	72.5	-	-	61.9	-	-	53.1	-	-	45.4	-	-	38.1	-	-
111.5	67.7	-	-	60.2	-	-	51.1	-	-	45.2	-	-	36.8	-	-
124.7	63.1	-	-	56.2	-	-	48.5	-	-	43.9	-	-	35.9	-	-
137.8	58.6	54.9	-	52.5	53.1	-	46.1	-	-	41.4	-	-	35.3	-	-
150.9	55.3	48.5	-	48.9	47.6	-	43.4	45.9	-	38.8	-	-	33.3	-	-
164.0	51.6	43.2	-	46.3	42.3	-	40.8	41.2	-	36.4	39.0	-	31.5	30.6	-
177.2	46.3	38.8	-	43.4	37.7	-	38.4	36.6	-	34.0	35.5	-	29.5	30.6	-
190.3	-	34.8	26.9	40.6	33.7	-	36.2	32.6	-	32.0	31.7	-	27.8	29.3	-
203.4	-	31.5	24.0	-	30.4	22.9	33.7	29.1	-	30.0	28.2	-	25.8	26.2	-
216.5	-	-	21.4	-	27.6	20.3	-	26.2	19.0	28.0	25.4	-	24.0	23.6	-
229.7	-	-	19.4	-	25.1	18.3	-	23.6	16.8	25.8	22.7	15.7	22.3	20.9	13.7
242.8	-	-	17.4	-	-	16.3	-	21.4	14.8	-	20.5	13.9	20.5	18.7	11.9
255.9	-	-	-	-	-	14.8	-	-	13.2	-	18.5	12.1	-	16.8	10.1
269.0	-	-	-	-	-	-	-	-	11.7	-	-	10.8	-	15.0	8.8
282.2	-	-	-	-	-	-	-	-	-	-	-	9.5	-	13.4	7.5
295.3	-	-	-	-	-	-	-	-	-	-	-	8.4	-	-	6.4

Remarks

Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

SW

308,600 lb + 88,200 lb ZB  23'9" 360° ISO

 216.5 ft

ft	59.1 ft			78.7 ft			98.4 ft			118.1 ft			137.8 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
36.1	135.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	135.6	-	-	114.6	-	-	-	-	-	-	-	-	-	-	-
45.9	135.6	-	-	114.6	-	-	98.5	-	-	-	-	-	-	-	-
49.2	135.6	-	-	114.6	-	-	98.5	-	-	84.0	-	-	-	-	-
52.5	135.6	-	-	114.6	-	-	98.5	-	-	84.0	-	-	-	-	-
55.8	135.0	-	-	114.6	-	-	98.5	-	-	84.0	-	-	72.1	-	-
59.1	134.5	-	-	114.6	-	-	98.5	-	-	84.0	-	-	72.1	-	-
65.6	129.0	-	-	114.6	-	-	98.5	-	-	84.2	-	-	72.3	-	-
72.2	124.6	-	-	110.2	-	-	98.5	-	-	84.2	-	-	72.3	-	-
78.7	119.0	-	-	106.3	-	-	95.9	-	-	84.2	-	-	72.3	-	-
85.3	-	-	-	102.1	-	-	92.4	-	-	82.9	-	-	72.3	-	-
91.9	-	97.4	-	98.5	-	-	88.6	-	-	79.8	-	-	72.1	-	-
98.4	-	89.1	-	94.8	-	-	85.1	-	-	76.5	-	-	69.4	-	-
111.5	-	75.8	-	-	73.9	-	79.4	73.6	-	70.5	-	-	64.2	-	-
118.1	-	70.5	-	-	68.8	-	76.6	68.6	-	68.3	67.2	-	61.6	-	-
124.7	-	-	-	-	63.7	-	-	63.5	-	66.1	62.6	-	59.1	-	-
137.8	-	-	48.1	-	56.0	-	-	55.6	-	61.7	54.7	-	55.3	54.5	-
150.9	-	-	42.3	-	-	39.7	-	49.4	-	-	48.3	-	51.8	48.1	-
157.5	-	-	-	-	-	37.5	-	46.7	-	-	45.7	-	50.0	45.4	-
164.0	-	-	-	-	-	35.3	-	-	34.8	-	43.2	-	-	42.8	-
177.2	-	-	-	-	-	-	-	-	30.9	-	38.8	29.5	-	38.4	-
190.3	-	-	-	-	-	-	-	-	27.8	-	-	26.5	-	34.6	25.8
203.4	-	-	-	-	-	-	-	-	-	-	-	23.6	-	-	23.1
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.7
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.7

ft	157.5 ft			177.2 ft			196.9 ft			216.5 ft			236.2 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
59.1	61.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
62.3	61.5	-	-	53.1	-	-	-	-	-	-	-	-	-	-	-
65.6	61.5	-	-	53.1	-	-	-	-	-	-	-	-	-	-	-
72.2	61.9	-	-	53.1	-	-	45.4	-	-	38.8	-	-	-	-	-
78.7	61.9	-	-	53.4	-	-	45.4	-	-	38.8	-	-	32.8	-	-
85.3	61.9	-	-	53.4	-	-	45.6	-	-	39.2	-	-	32.6	-	-
91.9	61.7	-	-	53.4	-	-	45.4	-	-	39.2	-	-	33.1	-	-
98.4	61.3	-	-	53.1	-	-	45.2	-	-	39.2	-	-	33.1	-	-
111.5	57.3	-	-	51.6	-	-	43.4	-	-	38.8	-	-	31.7	-	-
124.7	52.9	-	-	47.8	-	-	41.2	-	-	37.0	-	-	31.1	-	-
137.8	48.7	51.6	-	44.3	-	-	38.6	-	-	34.8	-	-	30.6	-	-
144.4	47.3	49.2	-	42.5	46.5	-	37.4	-	-	33.6	-	-	29.5	-	-
150.9	45.9	46.7	-	40.8	45.9	-	36.2	37.9	-	32.4	-	-	28.4	-	-
164.0	43.0	41.7	-	38.6	40.6	-	33.7	37.9	-	30.0	30.0	-	26.2	-	-
177.2	40.1	37.0	-	36.2	36.2	-	31.5	34.6	-	27.8	30.0	-	24.0	22.0	-
190.3	-	33.3	-	33.7	32.2	-	29.5	30.9	-	25.8	29.5	-	22.0	22.0	-
203.4	-	30.0	21.6	-	28.9	-	27.6	27.6	-	24.0	26.7	-	20.5	22.0	-
216.5	-	27.1	19.2	-	26.0	18.1	25.4	24.7	16.5	22.3	23.8	-	19.0	20.9	-
229.7	-	-	17.2	-	23.6	16.1	-	22.3	14.6	20.5	21.4	13.7	17.2	19.4	-
242.8	-	-	15.4	-	-	14.3	-	20.1	12.8	-	19.2	11.9	15.7	17.4	9.5
255.9	-	-	-	-	-	12.8	-	-	11.2	-	17.2	10.1	-	15.4	8.2
269.0	-	-	-	-	-	11.5	-	-	9.9	-	15.7	8.8	-	13.7	6.8
282.2	-	-	-	-	-	-	-	-	8.6	-	-	7.7	-	12.3	5.7
295.3	-	-	-	-	-	-	-	-	-	-	-	6.6	-	-	-
308.4	-	-	-	-	-	-	-	-	-	-	-	5.5	-	-	-

Remarks: Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

SW

308,600 lb + 88,200 lb ZB 23'9" 360° ISO

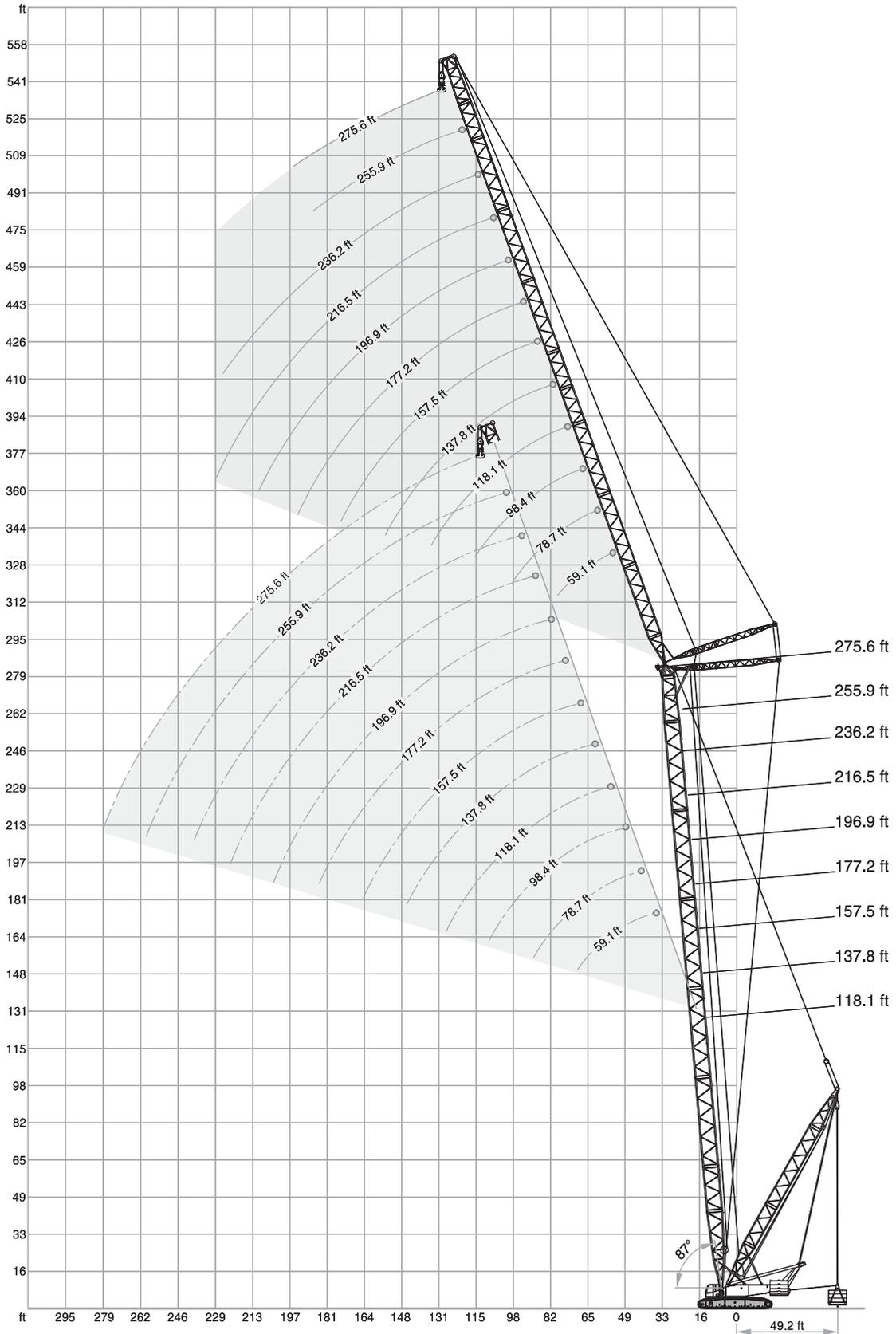
236.2 ft

ft	59.1 ft			78.7 ft			98.4 ft			118.1 ft			137.8 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
36.1	115.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	115.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42.7	115.7	-	-	99.4	-	-	-	-	-	-	-	-	-	-	-
45.9	115.7	-	-	99.4	-	-	85.1	-	-	-	-	-	-	-	-
52.5	115.7	-	-	99.2	-	-	85.1	-	-	73.0	-	-	-	-	-
55.8	115.7	-	-	99.0	-	-	84.8	-	-	73.0	-	-	62.6	-	-
59.1	115.7	-	-	99.0	-	-	84.9	-	-	73.0	-	-	62.6	-	-
65.6	110.2	-	-	99.0	-	-	84.9	-	-	73.0	-	-	62.6	-	-
72.2	106.7	-	-	96.1	-	-	84.7	-	-	73.0	-	-	62.6	-	-
78.7	103.2	-	-	92.2	-	-	82.9	-	-	72.8	-	-	62.6	-	-
85.3	99.4	-	-	88.0	-	-	79.6	-	-	71.9	-	-	62.2	-	-
91.9	-	-	-	84.9	-	-	76.3	-	-	69.0	-	-	61.3	-	-
98.4	-	86.0	-	81.8	-	-	73.0	-	-	66.1	-	-	59.1	-	-
105.0	-	79.6	-	-	76.9	-	70.4	-	-	63.3	-	-	56.7	-	-
111.5	-	73.2	-	-	71.0	-	67.9	-	-	60.4	-	-	54.2	-	-
124.7	-	63.3	-	-	61.3	-	-	61.1	-	56.7	60.0	-	49.6	-	-
131.2	-	-	-	-	57.4	-	-	57.2	-	54.7	56.2	-	48.1	51.8	-
137.8	-	-	-	-	53.6	-	-	53.4	-	52.7	52.5	-	46.5	51.8	-
144.4	-	-	41.2	-	50.5	-	-	50.3	-	-	49.4	-	45.0	48.9	-
150.9	-	-	38.6	-	-	-	-	47.2	-	-	46.3	-	43.4	46.1	-
157.5	-	-	36.5	-	-	33.7	-	44.8	-	-	43.8	-	42.0	43.4	-
164.0	-	-	34.4	-	-	31.5	-	42.3	-	-	41.2	-	-	40.8	-
177.2	-	-	-	-	-	28.2	-	-	27.8	-	36.8	-	-	36.4	-
190.3	-	-	-	-	-	-	-	-	24.7	-	-	23.4	-	32.6	22.9
203.4	-	-	-	-	-	-	-	-	22.3	-	-	20.7	-	-	20.3
216.5	-	-	-	-	-	-	-	-	-	-	-	18.7	-	-	18.1
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.3

ft	157.5 ft			177.2 ft			196.9 ft			216.5 ft			236.2 ft		
	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°	87°-85°	75°	65°
	1,000 lb														
59.1	54.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.6	54.0	-	-	46.5	-	-	-	-	-	-	-	-	-	-	-
72.2	54.0	-	-	46.5	-	-	39.9	-	-	34.2	-	-	-	-	-
78.7	54.0	-	-	46.7	-	-	39.9	-	-	34.2	-	-	27.1	-	-
85.3	54.0	-	-	46.7	-	-	39.9	-	-	34.0	-	-	27.1	-	-
91.9	53.6	-	-	46.7	-	-	39.9	-	-	33.7	-	-	26.9	-	-
98.4	52.5	-	-	46.3	-	-	39.7	-	-	33.3	-	-	28.0	-	-
111.5	49.2	-	-	43.9	-	-	38.4	-	-	33.3	-	-	26.0	-	-
124.7	45.2	-	-	40.8	-	-	35.9	-	-	31.5	-	-	24.7	-	-
137.8	41.2	-	-	37.5	-	-	33.3	-	-	29.3	-	-	24.7	-	-
150.9	38.8	44.3	-	34.4	37.5	-	30.4	-	-	27.1	-	-	22.9	-	-
157.5	37.5	41.9	-	33.3	37.5	-	29.1	29.1	-	25.9	-	-	21.9	-	-
164.0	36.2	39.5	-	32.2	37.5	-	27.8	29.1	-	24.7	21.8	-	20.9	-	-
177.2	33.7	35.1	-	30.0	34.0	-	26.0	29.1	-	22.5	21.8	-	19.2	15.0	-
190.3	-	31.3	-	28.0	30.2	-	24.3	28.4	-	20.9	21.8	-	17.4	15.0	-
203.4	-	28.2	18.7	-	27.1	-	22.3	25.8	-	19.4	21.6	-	15.9	15.0	-
216.5	-	25.6	16.5	-	24.5	15.4	20.5	23.1	-	17.6	20.5	-	14.6	15.0	-
229.7	-	-	14.6	-	22.0	13.4	-	20.7	12.1	16.1	19.6	-	13.0	15.0	-
242.8	-	-	13.0	-	-	11.9	-	18.5	10.4	-	17.6	9.0	11.7	15.0	-
255.9	-	-	11.7	-	-	10.4	-	16.8	9.0	-	15.9	7.9	10.1	13.9	-
269.0	-	-	-	-	-	9.3	-	-	7.7	-	14.1	6.6	-	12.3	-
282.2	-	-	-	-	-	-	-	-	6.6	-	-	-	-	10.8	-
295.3	-	-	-	-	-	-	-	-	5.5	-	-	-	-	9.7	-

Remarks: Main boom angle 87°-85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

SWSL



SWSL

23'9"
360°
ISO

118.1 ft + 78.7 ft

0 lb	0 lb - 441,000 lb					
29'6"	32'10" - 52'6"					
308.6 klb + 88.2 klb ZB	220,500 lb					
85°	85°	75°	65°	55°	45°	
ft	1,000 lb					
36.1	-	295.4*	-	-	-	-
39.4	-	295.4*	-	-	-	-
42.7	295.4	302.0	-	-	-	-
45.9	275.6	302.0	-	-	-	-
52.5	242.5	293.2	-	-	-	-
59.1	215.0	271.2	-	-	-	-
65.6	190.7	242.5	-	-	-	-
72.2	168.7	215.0	-	-	-	-
75.5	159.3	202.3	291.0	-	-	-
78.7	149.9	189.6	291.0	-	-	-
85.3	135.6	160.9	255.7	-	-	-
91.9	123.5	132.3	222.7	-	-	-
98.4	-	-	195.1	-	-	-
108.3	-	-	160.9	222.7	-	-
111.5	-	-	147.7	220.5	-	-
114.8	-	-	132.3	208.3	-	-
124.7	-	-	-	175.3	-	-
134.5	-	-	-	142.2	189.6	-
137.8	-	-	-	-	189.6	-
150.9	-	-	-	-	154.3	-
160.8	-	-	-	-	-	166.4
164.0	-	-	-	-	-	160.9
167.3	-	-	-	-	-	153.2

118.1 ft + 157.5 ft

0 lb	0 lb - 441,000 lb					
29'6"	32'10" - 52'6"					
308.6 klb + 88.2 klb ZB	220,500 lb					
85°	85°	75°	65°	55°	45°	
ft	1,000 lb					
52.5	-	130.1*	-	-	-	-
59.1	-	129.0*	-	-	-	-
62.3	122.4	129.0	-	-	-	-
65.6	122.4	129.0	-	-	-	-
72.2	122.4	127.9	-	-	-	-
78.7	121.3	125.7	-	-	-	-
85.3	120.2	123.5	-	-	-	-
91.9	117.9	121.3	-	-	-	-
98.4	111.3	116.8	-	-	-	-
108.3	99.1	111.9	117.9	-	-	-
111.5	95.2	110.2	117.9	-	-	-
124.7	82.7	101.9	117.9	-	-	-
137.8	72.8	84.4	110.2	-	-	-
150.9	64.6	69.4	99.2	105.8	-	-
164.0	55.3	55.3	83.3	104.9	-	-
170.6	47.6	47.6	76.1	100.5	-	-
177.2	-	-	69.2	94.4	-	-
190.3	-	-	54.7	81.1	93.0	-
203.4	-	-	-	67.2	87.1	-
210.0	-	-	-	60.0	82.2	-
216.5	-	-	-	-	76.9	-
223.1	-	-	-	-	70.3	79.8
226.4	-	-	-	-	66.8	79.8
229.7	-	-	-	-	-	79.8
242.8	-	-	-	-	-	70.3

118.1 ft + 118.1 ft

ft	1,000 lb					
45.9	-	194.0*	-	-	-	-
52.5	189.6	197.3	-	-	-	-
59.1	187.4	194.0	-	-	-	-
65.6	181.9	187.4	-	-	-	-
72.2	165.3	179.7	-	-	-	-
78.7	149.9	169.8	-	-	-	-
85.3	134.5	160.9	-	-	-	-
91.9	122.4	151.0	179.7	-	-	-
98.4	112.4	142.2	176.4	-	-	-
111.5	96.3	113.5	157.6	-	-	-
124.7	83.8	89.3	134.5	-	-	-
131.2	76.1	76.1	123.5	151.0	-	-
137.8	-	-	110.2	147.7	-	-
150.9	-	-	85.5	125.7	-	-
164.0	-	-	-	104.5	127.9	-
170.6	-	-	-	92.4	123.5	-
177.2	-	-	-	-	114.6	-
190.3	-	-	-	-	95.0	-
193.6	-	-	-	-	-	109.3
203.4	-	-	-	-	-	103.0
206.7	-	-	-	-	-	99.4

118.1 ft + 196.9 ft

ft	1,000 lb					
62.3	-	85.3*	-	-	-	-
65.6	-	85.3*	-	-	-	-
72.2	78.9	84.0*	-	-	-	-
78.7	78.9	83.6	-	-	-	-
85.3	78.0	82.2	-	-	-	-
91.9	77.2	80.9	-	-	-	-
98.4	76.1	79.4	-	-	-	-
111.5	73.6	76.1	-	-	-	-
124.7	71.2	73.2	73.2	-	-	-
137.8	68.6	70.3	72.5	-	-	-
150.9	62.8	67.5	71.0	-	-	-
164.0	56.2	63.1	69.4	-	-	-
173.9	52.1	57.4	68.1	63.3	-	-
177.2	50.7	55.6	67.7	63.3	-	-
190.3	45.9	46.5	64.8	63.3	-	-
203.4	37.5	37.5	56.0	63.1	-	-
206.7	34.8	34.8	53.8	63.1	-	-
216.5	-	-	47.2	62.8	-	-
219.8	-	-	45.0	61.4	56.0	-
226.4	-	-	40.3	57.8	56.0	-
229.7	-	-	-	55.6	56.0	-
242.8	-	-	-	46.7	56.0	-
246.1	-	-	-	44.5	56.0	-
255.9	-	-	-	-	53.8	51.6
265.7	-	-	-	-	47.0	51.6
269.0	-	-	-	-	-	51.6
282.2	-	-	-	-	-	50.0

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

SWSL

 23'9"

360°

ISO

118.1 ft + 236.2 ft		0 lb		0 lb - 441,000 lb		
29'6"		32'10" - 52'6"				
308.6 klb + 88.2 klb ZB		220,500 lb				
ft	85°	85°	75°	65°	55°	45°
	1,000 lb					
72.2	-	56.4*	-	-	-	-
78.7	-	55.8*	-	-	-	-
82.0	51.6	55.2*	-	-	-	-
85.3	51.6	54.9	-	-	-	-
91.9	51.4	54.2	-	-	-	-
98.4	50.5	53.4	-	-	-	-
111.5	49.2	51.4	-	-	-	-
124.7	47.8	49.6	-	-	-	-
137.8	46.7	48.3	-	-	-	-
141.1	46.4	48.0	46.5	-	-	-
150.9	45.4	46.7	46.5	-	-	-
164.0	44.3	45.4	45.6	-	-	-
177.2	43.0	44.1	44.8	-	-	-
190.3	41.7	42.5	43.9	-	-	-
196.9	40.8	41.8	43.4	39.9	-	-
203.4	39.9	41.0	43.0	39.9	-	-
216.5	36.4	37.3	42.1	39.9	-	-
229.7	31.1	31.1	40.6	39.7	-	-
242.8	24.7	24.7	38.1	39.7	-	-
246.1	22.9	22.9	36.7	39.6	34.8	-
255.9	-	-	32.2	39.2	34.8	-
265.7	-	-	27.3	38.6	34.8	-
269.0	-	-	-	38.4	34.8	-
282.2	-	-	-	32.4	34.8	-
285.4	-	-	-	30.6	34.8	-
288.7	-	-	-	-	34.8	31.5
295.3	-	-	-	-	34.8	31.5
301.8	-	-	-	-	34.6	31.5
308.4	-	-	-	-	-	31.5
318.2	-	-	-	-	-	31.5
321.5	-	-	-	-	-	-

118.1 ft + 275.6 ft		0 lb		0 lb - 441,000 lb		
29'6"		32'10" - 52'6"				
308.6 klb + 88.2 klb ZB		220,500 lb				
ft	85°	85°	75°	65°	55°	45°
	1,000 lb					
82.0	-	36.8*	-	-	-	-
85.3	-	36.8*	-	-	-	-
91.9	-	35.9*	-	-	-	-
95.1	32.8	35.6*	-	-	-	-
98.4	32.8	35.3*	-	-	-	-
111.5	32.0	33.7*	-	-	-	-
124.7	30.9	32.4	-	-	-	-
137.8	30.0	31.1*	-	-	-	-
150.9	28.9	30.0*	-	-	-	-
160.8	28.2	29.2*	28.7	-	-	-
164.0	28.0	28.9*	28.7	-	-	-
177.2	27.1	28.0*	28.2	-	-	-
190.3	26.0	26.9*	27.6	-	-	-
203.4	25.1	25.6*	26.9	-	-	-
216.5	24.9	25.1	26.2	-	-	-
219.8	24.8	25.0	26.1	23.6	-	-
229.7	24.5	24.7	25.6	23.4	-	-
242.8	24.0	24.3	25.1	23.1	-	-
255.9	23.8	24.0	24.9	23.1	-	-
269.0	21.4	21.4	24.5	22.9	-	-
275.6	18.8	18.8	24.5	22.9	19.8	-
282.2	16.3	16.3	24.3	22.9	19.8	-
295.3	-	-	22.7	22.9	19.8	-
305.1	-	-	18.7	22.9	19.8	-
308.4	-	-	-	22.9	19.8	-
321.5	-	-	-	22.9	19.8	-
324.8	-	-	-	21.8	19.8	-
334.6	-	-	-	-	19.8	-
341.2	-	-	-	-	19.8	-
347.8	-	-	-	-	-	-
351.1	-	-	-	-	-	-

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

SWSL

23'9"
360°
ISO

137.8 ft + 78.7 ft

0 lb
29'6"

308.6 klb +
88.2 klb ZB

85° 85° 75° 65° 55° 45°

0 lb - 441,000 lb

32'10" - 52'6"

220,500 lb

ft	1,000 lb					
36.1	-	251.3*	-	-	-	-
39.4	-	251.3*	-	-	-	-
45.9	260.1	257.9	-	-	-	-
52.5	233.7	255.7	-	-	-	-
59.1	208.3	251.3	-	-	-	-
65.6	187.4	233.7	-	-	-	-
72.2	167.6	218.3	-	-	-	-
78.7	149.9	198.4	-	-	-	-
82.0	142.2	183.5	269.0	-	-	-
85.3	134.5	168.7	269.0	-	-	-
91.9	122.4	141.1	246.9	-	-	-
95.1	117.9	126.8	231.5	-	-	-
98.4	-	-	216.1	-	-	-
111.5	-	-	169.8	-	-	-
114.8	-	-	155.4	229.3	-	-
118.1	-	-	142.2	229.3	-	-
124.7	-	-	-	202.8	-	-
137.8	-	-	-	162.0	-	-
141.1	-	-	-	151.0	-	-
147.6	-	-	-	-	184.1	-
150.9	-	-	-	-	179.7	-
164.0	-	-	-	-	149.9	-
173.9	-	-	-	-	-	148.8
177.2	-	-	-	-	-	145.5
180.4	-	-	-	-	-	143.3

137.8 ft + 157.5 ft

0 lb
29'6"

308.6 klb +
88.2 klb ZB

85° 85° 75° 65° 55° 45°

0 lb - 441,000 lb

32'10" - 52'6"

220,500 lb

ft	1,000 lb					
55.8	-	117.9*	-	-	-	-
59.1	-	116.8*	-	-	-	-
65.6	113.5	119.0	-	-	-	-
72.2	113.5	117.9	-	-	-	-
78.7	112.4	116.8	-	-	-	-
85.3	111.3	114.6	-	-	-	-
91.9	110.2	112.4	-	-	-	-
98.4	108.9	110.2	-	-	-	-
111.5	94.6	106.5	-	-	-	-
114.8	91.3	105.4	110.2	-	-	-
124.7	82.0	102.3	110.2	-	-	-
137.8	72.1	87.1	109.1	-	-	-
150.9	64.2	71.9	101.6	-	-	-
160.8	59.1	61.4	93.9	98.8	-	-
164.0	57.5	58.0	89.9	98.8	-	-
170.6	50.5	50.5	82.2	98.8	-	-
177.2	-	-	75.0	98.8	-	-
190.3	-	-	61.1	90.2	-	-
193.6	-	-	57.3	86.8	-	-
203.4	-	-	-	76.3	89.1	-
216.5	-	-	-	62.6	86.9	-
229.7	-	-	-	-	75.4	-
239.5	-	-	-	-	65.0	81.1
242.8	-	-	-	-	-	81.1
255.9	-	-	-	-	-	71.4

137.8 ft + 118.1 ft

ft	1,000 lb					
45.9	-	169.8*	-	-	-	-
52.5	-	169.8*	-	-	-	-
55.8	173.1	174.2	-	-	-	-
59.1	173.1	174.2	-	-	-	-
65.6	168.7	173.1	-	-	-	-
72.2	160.9	167.6	-	-	-	-
78.7	147.7	160.9	-	-	-	-
85.3	134.5	153.2	-	-	-	-
91.9	122.4	146.6	-	-	-	-
98.4	111.3	138.9	166.4	-	-	-
111.5	95.7	117.9	158.7	-	-	-
124.7	83.1	93.0	141.1	-	-	-
131.2	78.0	80.5	132.3	-	-	-
137.8	-	-	120.2	146.6	-	-
150.9	-	-	96.1	137.8	-	-
157.5	-	-	83.1	127.9	-	-
164.0	-	-	-	117.9	-	-
173.9	-	-	-	102.2	125.7	-
177.2	-	-	-	96.1	125.7	-
180.4	-	-	-	89.7	125.7	-
190.3	-	-	-	-	112.4	-
200.1	-	-	-	-	98.3	-
206.7	-	-	-	-	-	110.2
216.5	-	-	-	-	-	103.8
219.8	-	-	-	-	-	100.5

137.8 ft + 196.9 ft

ft	1,000 lb					
62.3	-	80.2*	-	-	-	-
65.6	-	80.2*	-	-	-	-
72.2	-	78.7*	-	-	-	-
75.5	74.5	78.7	-	-	-	-
78.7	74.5	78.7	-	-	-	-
85.3	73.6	77.4	-	-	-	-
91.9	72.8	76.1	-	-	-	-
98.4	71.7	74.5	-	-	-	-
111.5	69.4	71.9	-	-	-	-
124.7	67.2	69.2	-	-	-	-
131.2	66.1	67.9	68.8	-	-	-
137.8	65.0	66.6	68.8	-	-	-
150.9	62.4	63.9	67.7	-	-	-
164.0	55.8	61.1	66.4	-	-	-
177.2	50.3	57.3	64.8	-	-	-
183.7	47.8	52.7	64.2	59.5	-	-
190.3	45.4	48.1	63.5	59.5	-	-
203.4	39.0	39.0	59.7	59.5	-	-
210.0	34.2	34.2	55.6	59.5	-	-
216.5	-	-	50.9	59.5	-	-
229.7	-	-	42.1	58.9	52.7	-
232.9	-	-	39.5	58.0	52.7	-
242.8	-	-	-	52.7	52.7	-
255.9	-	-	-	43.7	52.7	-
269.0	-	-	-	-	52.2	48.5
275.6	-	-	-	-	48.5	48.5
295.3	-	-	-	-	-	48.5

Remarks: see page 50 · siehe Seite 50 · voir page 50

SWSL

 23'9"

360°

ISO

 137.8 ft +  236.2 ft

		0 lb		0 lb - 441,000 lb	
		29'6"		32'10" - 52'6"	
		308.6 klb + 88.2klbZB		220,500 lb	
		85°		85°	
		75°		65°	
		55°		45°	
ft				1,000 lb	
72.2	-	53.4*	-	-	-
78.7	-	52.9*	-	-	-
85.3	48.5	51.8*	-	-	-
91.9	48.5	51.1	-	-	-
98.4	48.1	50.5	-	-	-
111.5	46.7	48.7	-	-	-
124.7	45.6	46.7	-	-	-
137.8	44.3	45.4	-	-	-
147.6	43.5	44.3	44.1	-	-
150.9	43.2	43.9	44.1	-	-
164.0	41.9	42.5	43.4	-	-
177.2	40.6	41.0	42.3	-	-
190.3	39.5	39.9	41.7	-	-
203.4	38.6	38.6	40.8	-	-
206.7	37.9	38.3	40.6	37.3	-
216.5	35.9	37.5	39.9	37.3	-
229.7	32.2	32.2	39.0	37.0	-
242.8	25.8	25.8	37.9	37.0	-
246.1	24.3	24.3	37.7	37.0	-
255.9	-	-	34.8	37.0	-
259.2	-	-	33.3	37.0	32.2
269.0	-	-	28.4	36.8	32.2
272.3	-	-	26.7	36.7	32.2
282.2	-	-	-	36.4	32.2
292.0	-	-	-	32.0	32.2
295.3	-	-	-	-	32.2
308.4	-	-	-	-	32.2
315.0	-	-	-	-	32.2
321.5	-	-	-	-	-

 137.8 ft +  275.6 ft

		0 lb		0 lb - 441,000 lb	
		29'6"		32'10" - 52'6"	
		308.6 klb + 88.2klbZB		220,500 lb	
		85°		85°	
		75°		65°	
		55°		45°	
ft				1,000 lb	
82.0	-	35.3*	-	-	-
85.3	-	35.3*	-	-	-
91.9	-	34.6*	-	-	-
95.1	31.3	34.2*	-	-	-
98.4	31.3	33.7*	-	-	-
111.5	30.6	32.4*	-	-	-
124.7	29.8	31.1*	-	-	-
137.8	28.9	30.0*	-	-	-
150.9	28.0	29.1	-	-	-
164.0	27.1	28.0*	27.6	-	-
177.2	26.2	27.1	27.3	-	-
190.3	25.4	26.0	26.7	-	-
203.4	24.5	25.1	26.2	-	-
216.5	24.0	24.7	25.6	-	-
229.7	23.6	24.3	25.1	22.3	-
242.8	23.4	23.8	24.5	22.3	-
255.9	22.9	23.4	24.3	22.3	-
269.0	22.5	22.5	24.0	22.3	-
282.2	17.4	17.4	23.8	22.0	-
285.4	16.1	16.1	23.8	22.0	18.5
295.3	-	-	23.6	22.0	18.5
308.4	-	-	19.8	22.0	18.5
321.5	-	-	-	22.0	18.5
331.4	-	-	-	22.0	18.5
334.6	-	-	-	-	18.5
347.8	-	-	-	-	18.5
351.1	-	-	-	-	18.5
357.6	-	-	-	-	-
360.9	-	-	-	-	-

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

SWSL

23'9"

360°

ISO

157.5 ft + 78.7 ft

	0 lb	0 lb - 441,000 lb				
	29'6"	32'10" - 52'6"				
	308.6 klb + 88.2klbZB	220,500 lb				
	85°	85°	75°	65°	55°	45°
ft	1,000 lb					
39.4	-	215.0*	-	-	-	-
45.9	222.7	219.4	-	-	-	-
52.5	220.5	219.4	-	-	-	-
59.1	200.6	216.1	-	-	-	-
65.6	181.9	205.0	-	-	-	-
72.2	165.3	192.9	-	-	-	-
78.7	148.8	180.8	-	-	-	-
85.3	133.4	169.8	240.3	-	-	-
91.9	122.4	143.3	240.3	-	-	-
95.1	116.8	129.0	238.1	-	-	-
98.4	-	-	231.5	-	-	-
111.5	-	-	185.2	-	-	-
124.7	-	-	130.1	219.4	-	-
137.8	-	-	-	185.2	-	-
150.9	-	-	-	140.0	-	-
157.5	-	-	-	-	167.6	-
164.0	-	-	-	-	159.8	-
173.9	-	-	-	-	149.9	-
187.0	-	-	-	-	-	133.4
190.3	-	-	-	-	-	131.2
193.6	-	-	-	-	-	129.0

157.5 ft + 157.5 ft

	0 lb	0 lb - 441,000 lb				
	29'6"	32'10" - 52'6"				
	308.6 klb + 88.2klbZB	220,500 lb				
	85°	85°	75°	65°	55°	45°
ft	1,000 lb					
55.8	-	105.4*	-	-	-	-
59.1	-	105.4*	-	-	-	-
65.6	105.2	107.8	-	-	-	-
72.2	105.2	107.8	-	-	-	-
78.7	104.5	107.4	-	-	-	-
85.3	103.6	106.0	-	-	-	-
91.9	102.5	104.5	-	-	-	-
98.4	100.1	101.6	-	-	-	-
111.5	93.9	95.7	-	-	-	-
118.1	87.3	92.6	102.5	-	-	-
124.7	81.4	89.5	102.5	-	-	-
137.8	71.4	84.4	102.5	-	-	-
150.9	63.5	71.2	99.6	-	-	-
164.0	56.9	57.1	93.9	-	-	-
167.3	53.1	53.3	89.8	91.9	-	-
173.9	45.6	45.6	82.0	91.9	-	-
177.2	-	-	78.3	91.9	-	-
190.3	-	-	64.2	90.8	-	-
200.1	-	-	53.4	86.0	-	-
203.4	-	-	-	83.3	-	-
213.3	-	-	-	72.9	83.3	-
216.5	-	-	-	69.4	83.3	-
226.4	-	-	-	58.6	83.3	-
229.7	-	-	-	-	82.5	-
242.8	-	-	-	-	71.9	-
249.3	-	-	-	-	64.8	-
252.6	-	-	-	-	-	77.4
255.9	-	-	-	-	-	77.4
269.0	-	-	-	-	-	70.8
272.3	-	-	-	-	-	67.2
282.2	-	-	-	-	-	-

157.5 ft + 118.1 ft

ft	1,000 lb				
45.9	-	148.8*	-	-	-
52.5	-	148.8*	-	-	-
55.8	154.3	152.1	-	-	-
59.1	154.3	152.1	-	-	-
65.6	153.2	152.1	-	-	-
72.2	149.9	151.0	-	-	-
78.7	143.3	147.7	-	-	-
85.3	132.3	141.1	-	-	-
91.9	121.3	135.6	-	-	-
98.4	111.3	129.0	-	-	-
101.7	106.9	126.2	152.1	-	-
111.5	95.0	117.9	151.0	-	-
124.7	82.5	93.0	142.2	-	-
134.5	73.9	73.9	132.3	-	-
137.8	-	-	127.9	-	-
147.6	-	-	108.7	137.8	-
150.9	-	-	102.5	137.8	-
160.8	-	-	83.8	131.2	-
164.0	-	-	-	127.9	-
177.2	-	-	-	108.9	-
187.0	-	-	-	90.6	121.3
190.3	-	-	-	-	121.3
203.4	-	-	-	-	110.0
213.3	-	-	-	-	92.2
219.8	-	-	-	-	109.3
229.7	-	-	-	-	104.1
232.9	-	-	-	-	100.8

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

4

SWSL

 23'9"

360°

ISO

 157.5 ft +  196.9 ft

		0 lb		0 lb - 441,000 lb	
		29'6"		32'10" - 52'6"	
		308.6 klb + 88.2klbZB		220,500 lb	
		85°		75°	
		85°		65°	
		85°		55°	
		85°		45°	
ft				1,000 lb	
65.6	-	74.1*	-	-	-
72.2	-	73.4*	-	-	-
75.5	69.7	73.2	-	-	-
78.7	69.7	73.2	-	-	-
85.3	69.2	72.5	-	-	-
91.9	68.6	71.4	-	-	-
98.4	67.7	70.1	-	-	-
111.5	65.7	67.7	-	-	-
124.7	63.7	65.3	-	-	-
134.5	62.3	63.5	65.0	-	-
137.8	61.7	62.8	65.0	-	-
150.9	59.7	60.6	64.6	-	-
164.0	55.3	58.0	63.5	-	-
177.2	49.8	55.3	62.4	-	-
190.3	45.0	47.2	61.3	56.2	-
203.4	38.4	38.4	59.1	56.2	-
210.0	33.3	33.3	57.3	56.2	-
216.5	-	-	52.7	56.2	-
229.7	-	-	43.7	56.2	-
236.2	-	-	39.0	56.2	-
242.8	-	-	-	55.1	49.8
255.9	-	-	-	47.8	49.8
262.5	-	-	-	43.2	49.8
269.0	-	-	-	-	49.8
282.2	-	-	-	-	49.8
285.4	-	-	-	-	47.8
288.7	-	-	-	-	45.6
295.3	-	-	-	-	45.6
308.4	-	-	-	-	45.6

 157.5 ft +  236.2 ft

		0 lb		0 lb - 441,000 lb	
		29'6"		32'10" - 52'6"	
		308.6 klb + 88.2klbZB		220,500 lb	
		85°		75°	
		85°		65°	
		85°		55°	
		85°		45°	
ft				1,000 lb	
72.2	-	50.0*	-	-	-
78.7	-	50.0*	-	-	-
85.3	46.3	49.2*	-	-	-
91.9	46.3	48.5	-	-	-
98.4	45.6	47.8	-	-	-
111.5	44.8	46.5	-	-	-
124.7	43.7	44.8	-	-	-
137.8	42.3	43.2	-	-	-
150.9	41.2	41.9	-	-	-
154.2	40.9	41.6	41.9	-	-
164.0	40.1	40.6	41.7	-	-
177.2	39.0	39.2	41.0	-	-
190.3	37.7	37.9	40.3	-	-
203.4	36.2	36.4	39.7	-	-
213.3	35.2	35.4	39.0	35.3	-
216.5	34.8	35.1	38.8	35.3	-
229.7	31.3	31.3	38.1	35.3	-
242.8	25.1	25.1	37.5	35.3	-
249.3	21.6	21.6	37.0	35.3	-
255.9	-	-	35.7	35.3	-
269.0	-	-	29.5	35.3	30.4
275.6	-	-	26.2	35.3	30.4
282.2	-	-	-	35.3	30.4
295.3	-	-	-	33.1	30.4
301.8	-	-	-	29.8	30.4
308.4	-	-	-	-	30.4
321.5	-	-	-	-	30.4
324.8	-	-	-	-	30.4
334.6	-	-	-	-	-

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

SWSL

23'9"
360°
ISO

157.5 ft + 275.6 ft

		0 lb		0 lb - 441,000 lb			
		29'6"		32'10" - 52'6"			
		308.6 klb + 88.2klbZB		220,500 lb			
		85°	85°	75°	65°	55°	45°
ft		1,000 lb					
82.0	-	30.4*	-	-	-	-	-
85.3	-	30.4*	-	-	-	-	-
91.9	-	30.2*	-	-	-	-	-
98.4	27.1	29.8	-	-	-	-	-
111.5	26.7	28.7	-	-	-	-	-
124.7	26.0	27.6*	-	-	-	-	-
137.8	25.4	26.5*	-	-	-	-	-
150.9	24.5	25.4*	-	-	-	-	-
164.0	23.8	24.5*	-	-	-	-	-
170.6	23.4	24.0	23.6	-	-	-	-
177.2	22.9	23.6	23.6	-	-	-	-
190.3	22.3	22.9	23.1	-	-	-	-
203.4	21.6	22.3	22.7	-	-	-	-
216.5	20.9	21.6	22.3	-	-	-	-
229.7	20.5	20.9	21.8	-	-	-	-
236.2	20.2	20.6	21.6	19.0	-	-	-
242.8	19.8	20.3	21.4	19.0	-	-	-
255.9	19.4	19.6	20.9	19.0	-	-	-
269.0	18.7	19.2	20.7	19.0	-	-	-
282.2	16.8	16.8	20.3	19.0	-	-	-
285.4	15.4	15.4	20.3	19.0	-	-	-
295.3	-	-	20.1	19.0	-	-	-
298.6	-	-	20.1	19.0	15.9	-	-
308.4	-	-	19.8	19.0	15.9	-	-
315.0	-	-	18.1	19.0	15.9	-	-
321.5	-	-	-	19.0	15.9	-	-
334.6	-	-	-	19.0	15.9	-	-
341.2	-	-	-	19.0	15.9	-	-
347.8	-	-	-	-	15.9	-	-
360.9	-	-	-	-	15.9	-	-
364.2	-	-	-	-	15.9	-	-

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

177.2 ft + 78.7 ft

		0 lb		0 lb - 441,000 lb			
		29'6"		32'10" - 52'6"			
		308.6 klb + 88.2klbZB		220,500 lb			
		85°	85°	75°	65°	55°	45°
ft		1,000 lb					
39.4	-	185.2*	-	-	-	-	-
45.9	-	184.1*	-	-	-	-	-
49.2	190.7	188.5	-	-	-	-	-
52.5	189.6	188.5	-	-	-	-	-
59.1	181.9	186.3	-	-	-	-	-
65.6	173.1	177.5	-	-	-	-	-
72.2	160.9	167.6	-	-	-	-	-
78.7	147.7	158.7	-	-	-	-	-
85.3	133.4	152.1	-	-	-	-	-
91.9	121.3	144.4	202.8	-	-	-	-
98.4	111.3	121.3	200.6	-	-	-	-
111.5	-	-	187.4	-	-	-	-
124.7	-	-	152.1	-	-	-	-
128.0	-	-	138.9	-	-	-	-
131.2	-	-	-	187.4	-	-	-
137.8	-	-	-	185.2	-	-	-
150.9	-	-	-	170.9	-	-	-
157.5	-	-	-	147.7	-	-	-
170.6	-	-	-	-	149.9	-	-
177.2	-	-	-	-	143.3	-	-
183.7	-	-	-	-	137.8	-	-
200.1	-	-	-	-	-	120.2	-
203.4	-	-	-	-	-	117.9	-
210.0	-	-	-	-	-	114.6	-
216.5	-	-	-	-	-	-	-

177.2 ft + 118.1 ft

ft	1,000 lb					
49.2	-	130.1*	-	-	-	-
52.5	-	130.1*	-	-	-	-
59.1	134.5	133.4	-	-	-	-
65.6	133.4	133.4	-	-	-	-
72.2	131.2	132.3	-	-	-	-
78.7	125.7	129.0	-	-	-	-
85.3	121.3	123.5	-	-	-	-
91.9	115.7	117.9	-	-	-	-
98.4	110.2	112.4	-	-	-	-
108.3	98.0	106.3	140.0	-	-	-
111.5	94.1	104.5	140.0	-	-	-
124.7	81.8	96.1	136.7	-	-	-
134.5	74.3	77.2	129.0	-	-	-
137.8	-	-	126.8	-	-	-
150.9	-	-	111.3	-	-	-
154.2	-	-	105.8	126.8	-	-
164.0	-	-	87.3	126.8	-	-
167.3	-	-	80.5	125.7	-	-
177.2	-	-	-	119.0	-	-
190.3	-	-	-	99.9	-	-
196.9	-	-	-	87.1	114.6	-
203.4	-	-	-	-	114.6	-
216.5	-	-	-	-	107.1	-
223.1	-	-	-	-	95.0	-
232.9	-	-	-	-	-	99.4
242.8	-	-	-	-	-	94.8
246.1	-	-	-	-	-	93.5



SWSL

23'9"

360°

ISO

177.2 ft + 157.5 ft



0 lb		0 lb - 441,000 lb				
29'6"		32'10" - 52'6"				
308.6 klb + 88.2klbZB		220,500 lb				
	85°	85°	75°	65°	55°	45°
ft	1,000 lb					
55.8	-	94.4*	-	-	-	-
59.1	-	94.4*	-	-	-	-
65.6	-	94.4*	-	-	-	-
68.9	95.9	96.6	-	-	-	-
72.2	95.9	96.6	-	-	-	-
78.7	95.0	96.6	-	-	-	-
85.3	93.9	95.7	-	-	-	-
91.9	91.7	93.9	-	-	-	-
98.4	89.1	91.3	-	-	-	-
111.5	83.3	84.9	-	-	-	-
124.7	77.4	78.7	93.7	-	-	-
137.8	71.0	73.4	93.7	-	-	-
150.9	63.1	69.2	93.3	-	-	-
164.0	56.4	58.9	91.9	-	-	-
173.9	47.8	47.8	87.7	-	-	-
177.2	-	-	84.0	84.7	-	-
190.3	-	-	69.4	84.7	-	-
203.4	-	-	55.3	84.7	-	-
216.5	-	-	-	78.0	-	-
226.4	-	-	-	67.6	76.7	-
229.7	-	-	-	64.2	76.7	-
232.9	-	-	-	60.6	76.7	-
242.8	-	-	-	-	76.7	-
255.9	-	-	-	-	69.7	-
262.5	-	-	-	-	62.6	-
265.7	-	-	-	-	-	70.5
269.0	-	-	-	-	-	70.5
282.2	-	-	-	-	-	70.3
285.4	-	-	-	-	-	67.9

177.2 ft + 196.9 ft



0 lb		0 lb - 441,000 lb				
29'6"		32'10" - 52'6"				
308.6 klb + 88.2klbZB		220,500 lb				
	85°	85°	75°	65°	55°	45°
ft	1,000 lb					
65.6	-	67.9*	-	-	-	-
72.2	-	67.5*	-	-	-	-
78.7	65.0	68.1	-	-	-	-
85.3	64.6	67.5	-	-	-	-
91.9	63.9	66.6	-	-	-	-
98.4	63.3	65.5	-	-	-	-
111.5	61.5	63.3	-	-	-	-
124.7	59.1	60.2	-	-	-	-
137.8	56.2	57.3	-	-	-	-
141.1	55.6	56.7	60.6	-	-	-
150.9	53.6	54.5	60.6	-	-	-
164.0	50.9	51.6	60.0	-	-	-
177.2	48.3	48.7	59.3	-	-	-
190.3	44.5	45.9	58.4	-	-	-
200.1	40.6	40.9	57.7	52.9	-	-
203.4	39.2	39.2	57.3	52.9	-	-
213.3	32.0	32.0	55.8	52.9	-	-
216.5	-	-	55.3	52.9	-	-
229.7	-	-	47.2	52.9	-	-
242.8	-	-	37.9	52.9	-	-
252.6	-	-	-	52.5	47.0	-
255.9	-	-	-	52.2	47.0	-
269.0	-	-	-	44.5	47.0	-
272.3	-	-	-	42.1	47.0	-
282.2	-	-	-	-	47.0	-
295.3	-	-	-	-	47.0	-
298.6	-	-	-	-	46.5	43.2
308.4	-	-	-	-	-	43.2
321.5	-	-	-	-	-	43.2

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

SWSL

23'9"

360°

ISO

177.2 ft + 236.2 ft		0 lb		0 lb - 441,000 lb		
29'6"		32'10" - 52'6"				
308.6 klb + 88.2klbZB		220,500 lb				
ft	85°	85°	75°	65°	55°	45°
	1,000 lb					
75.5	-	47.0*	-	-	-	-
78.7	-	47.0*	-	-	-	-
85.3	-	46.1*	-	-	-	-
88.6	43.2	46.1	-	-	-	-
91.9	43.2	46.1	-	-	-	-
98.4	43.0	45.2	-	-	-	-
111.5	42.1	43.7	-	-	-	-
124.7	41.2	42.5	-	-	-	-
137.8	40.1	41.2	-	-	-	-
150.9	38.8	39.9	-	-	-	-
157.5	38.4	39.2	39.5	-	-	-
164.0	37.7	38.6	39.5	-	-	-
177.2	36.4	37.3	39.0	-	-	-
190.3	34.8	35.3	38.6	-	-	-
203.4	32.8	33.3	38.1	-	-	-
216.5	30.9	31.3	37.5	-	-	-
223.1	29.9	30.3	37.3	33.1	-	-
229.7	28.9	29.3	36.8	33.1	-	-
242.8	25.8	25.8	36.4	33.1	-	-
249.3	22.5	22.5	36.2	33.1	-	-
255.9	-	-	36.2	33.1	-	-
269.0	-	-	31.7	33.1	-	-
282.2	-	-	25.4	33.1	28.7	-
295.3	-	-	-	33.1	28.7	-
308.4	-	-	-	30.4	28.7	-
311.7	-	-	-	28.9	28.7	-
321.5	-	-	-	-	28.7	-
334.6	-	-	-	-	28.7	-
337.9	-	-	-	-	28.7	-

177.2 ft + 275.6 ft		0 lb		0 lb - 441,000 lb		
29'6"		32'10" - 52'6"				
308.6 klb + 88.2klbZB		220,500 lb				
ft	85°	85°	75°	65°	55°	45°
	1,000 lb					
85.3	-	28.9*	-	-	-	-
91.9	-	28.7*	-	-	-	-
98.4	25.6	28.2*	-	-	-	-
111.5	25.4	27.1*	-	-	-	-
124.7	24.7	26.0*	-	-	-	-
137.8	24.0	25.1	-	-	-	-
150.9	23.4	24.5	-	-	-	-
164.0	22.7	23.6	-	-	-	-
173.9	22.2	22.9	22.3	-	-	-
177.2	22.0	22.7	22.3	-	-	-
190.3	21.4	22.0	22.0	-	-	-
203.4	20.7	21.2	21.8	-	-	-
216.5	19.6	20.1	21.4	-	-	-
229.7	18.7	19.0	20.9	-	-	-
242.8	17.6	17.9	20.7	-	-	-
246.1	17.4	17.6	20.6	17.9	-	-
255.9	16.5	16.8	20.3	17.9	-	-
269.0	15.4	15.7	20.1	17.9	-	-
282.2	14.3	14.6	19.6	17.9	-	-
288.7	13.9	14.1	19.6	17.9	-	-
295.3	-	-	19.4	17.9	-	-
308.4	-	-	19.2	17.9	14.8	-
318.2	-	-	18.7	17.9	14.8	-
321.5	-	-	-	17.9	14.8	-
334.6	-	-	-	17.9	14.8	-
347.8	-	-	-	17.9	14.8	-
360.9	-	-	-	-	14.8	-
374.0	-	-	-	-	14.8	-
387.1	-	-	-	-	-	-

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

SWSL

23'9"

360°

ISO

196.9 ft + 78.7 ft

0 lb		0 lb - 441,000 lb				
29'6"		32'10" - 52'6"				
308.6 klb + 88.2 klb ZB		220,500 lb				
	85°	85°	75°	65°	55°	45°
ft	1,000 lb					
39.4	-	159.8*	-	-	-	-
45.9	-	159.8*	-	-	-	-
49.2	163.1	163.1	-	-	-	-
52.5	163.1	163.1	-	-	-	-
59.1	157.6	160.9	-	-	-	-
65.6	149.9	154.3	-	-	-	-
72.2	142.2	146.6	-	-	-	-
78.7	135.6	137.8	-	-	-	-
85.3	130.1	132.3	-	-	-	-
91.9	120.2	126.8	-	-	-	-
95.1	115.2	123.5	169.8	-	-	-
98.4	110.2	120.2	169.8	-	-	-
111.5	-	-	162.0	-	-	-
124.7	-	-	149.9	-	-	-
134.5	-	-	132.3	-	-	-
141.1	-	-	-	156.5	-	-
150.9	-	-	-	152.1	-	-
164.0	-	-	-	141.1	-	-
167.3	-	-	-	137.8	-	-
180.4	-	-	-	-	136.7	-
190.3	-	-	-	-	129.0	-
196.9	-	-	-	-	124.6	-
216.5	-	-	-	-	-	107.1
223.1	-	-	-	-	-	103.6
236.2	-	-	-	-	-	-

196.9 ft + 157.5 ft

0 lb		0 lb - 441,000 lb				
29'6"		32'10" - 52'6"				
308.6 klb + 88.2 klb ZB		220,500 lb				
	85°	85°	75°	65°	55°	45°
ft	1,000 lb					
59.1	-	84.0*	-	-	-	-
65.6	-	84.0*	-	-	-	-
68.9	86.0	85.8	-	-	-	-
72.2	86.0	85.8	-	-	-	-
78.7	85.1	85.8	-	-	-	-
85.3	83.3	85.3	-	-	-	-
91.9	80.7	82.9	-	-	-	-
98.4	78.0	80.2	-	-	-	-
111.5	72.8	74.5	-	-	-	-
124.7	67.5	68.8	-	-	-	-
128.0	66.1	67.4	85.3	-	-	-
137.8	62.8	63.9	85.3	-	-	-
150.9	59.1	60.0	84.7	-	-	-
164.0	55.3	56.0	82.2	-	-	-
177.2	46.3	46.3	79.8	-	-	-
187.0	-	-	76.7	77.2	-	-
190.3	-	-	75.4	77.2	-	-
203.4	-	-	61.5	77.2	-	-
210.0	-	-	54.0	76.9	-	-
216.5	-	-	-	76.9	-	-
229.7	-	-	-	73.4	-	-
236.2	-	-	-	66.6	69.4	-
242.8	-	-	-	59.3	69.4	-
255.9	-	-	-	-	69.4	-
269.0	-	-	-	-	68.3	-
272.3	-	-	-	-	64.6	-
278.9	-	-	-	-	-	62.2
282.2	-	-	-	-	-	62.2
295.3	-	-	-	-	-	62.2
298.6	-	-	-	-	-	61.9
308.4	-	-	-	-	-	-

196.9 ft + 118.1 ft

ft		1,000 lb				
49.2	-	114.6*	-	-	-	-
52.5	-	114.6*	-	-	-	-
59.1	117.9	116.8	-	-	-	-
65.6	116.8	116.8	-	-	-	-
72.2	113.5	115.7	-	-	-	-
78.7	110.2	113.5	-	-	-	-
85.3	105.8	108.9	-	-	-	-
91.9	101.4	104.1	-	-	-	-
98.4	97.0	99.2	-	-	-	-
111.5	89.5	91.1	121.3	-	-	-
124.7	81.1	84.7	119.0	-	-	-
137.8	71.4	74.5	114.6	-	-	-
150.9	-	-	108.9	-	-	-
164.0	-	-	97.4	111.3	-	-
170.6	-	-	85.1	111.3	-	-
177.2	-	-	-	110.2	-	-
190.3	-	-	-	106.0	-	-
203.4	-	-	-	91.3	-	-
210.0	-	-	-	-	99.2	-
216.5	-	-	-	-	98.5	-
229.7	-	-	-	-	95.2	-
232.9	-	-	-	-	94.1	-
246.1	-	-	-	-	-	87.3
255.9	-	-	-	-	-	86.4
259.2	-	-	-	-	-	85.1

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

SWSL

23'9"

360°

ISO

196.9 ft + 196.9 ft		0 lb		0 lb - 441,000 lb		
29'6"		32'10" - 52'6"				
308.6 klb + 88.2klbZB		220,500 lb				
ft	85°	85°	75°	65°	55°	45°
			1,000 lb			
65.6	-	61.5*	-	-	-	-
72.2	-	61.1*	-	-	-	-
78.7	58.6	61.3	-	-	-	-
85.3	58.6	61.3	-	-	-	-
91.9	58.0	60.2	-	-	-	-
98.4	57.3	59.3	-	-	-	-
111.5	56.0	57.3	-	-	-	-
124.7	53.1	54.2	-	-	-	-
137.8	49.8	50.9	-	-	-	-
147.6	47.5	48.5	55.1	-	-	-
150.9	46.7	47.6	55.1	-	-	-
164.0	43.9	44.8	54.9	-	-	-
177.2	41.2	41.9	54.5	-	-	-
190.3	38.8	39.2	53.6	-	-	-
203.4	36.2	36.6	52.7	-	-	-
206.7	35.4	35.7	52.5	48.3	-	-
213.3	34.0	34.0	51.9	48.3	-	-
216.5	-	-	51.6	48.3	-	-
229.7	-	-	50.3	48.3	-	-
242.8	-	-	42.1	48.3	-	-
249.3	-	-	37.0	48.3	-	-
255.9	-	-	-	48.3	-	-
262.5	-	-	-	48.3	43.0	-
269.0	-	-	-	48.3	43.0	-
278.9	-	-	-	43.7	43.0	-
282.2	-	-	-	-	43.0	-
295.3	-	-	-	-	43.0	-
308.4	-	-	-	-	43.0	-
311.7	-	-	-	-	43.0	39.5
321.5	-	-	-	-	-	39.5
334.6	-	-	-	-	-	39.5
337.9	-	-	-	-	-	39.5
347.8	-	-	-	-	-	-

196.9 ft + 236.2 ft		0 lb		0 lb - 441,000 lb		
29'6"		32'10" - 52'6"				
308.6 klb + 88.2klbZB		220,500 lb				
ft	85°	85°	75°	65°	55°	45°
			1,000 lb			
75.5	-	43.4*	-	-	-	-
78.7	-	43.4*	-	-	-	-
85.3	-	42.8*	-	-	-	-
91.9	40.3	42.3	-	-	-	-
98.4	40.1	41.9	-	-	-	-
111.5	39.2	41.0	-	-	-	-
124.7	38.6	39.5	-	-	-	-
137.8	37.0	37.7	-	-	-	-
150.9	35.3	35.9	-	-	-	-
164.0	33.5	34.2	36.8	-	-	-
177.2	31.5	32.2	36.6	-	-	-
190.3	29.8	30.4	36.4	-	-	-
203.4	27.8	28.4	35.9	-	-	-
216.5	26.0	26.5	35.5	-	-	-
229.7	24.0	24.5	35.1	30.9	-	-
242.8	22.0	22.5	34.8	30.9	-	-
252.6	20.7	20.9	34.7	30.9	-	-
255.9	-	-	34.6	30.9	-	-
269.0	-	-	34.4	30.9	-	-
282.2	-	-	28.2	30.9	-	-
285.4	-	-	26.7	30.9	-	-
292.0	-	-	-	30.9	26.9	-
295.3	-	-	-	30.9	26.9	-
308.4	-	-	-	30.9	26.9	-
318.2	-	-	-	30.0	26.9	-
321.5	-	-	-	-	26.9	-
334.6	-	-	-	-	26.9	-
347.8	-	-	-	-	26.9	-
357.6	-	-	-	-	-	-

4
Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

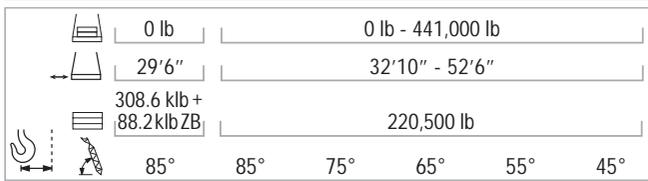
SWSL

23'9"

360°

ISO

196.9 ft + 275.6 ft



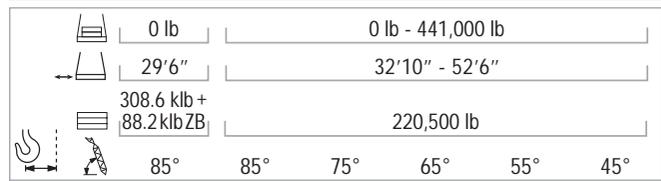
0 lb		0 lb - 441,000 lb				
29'6"		32'10" - 52'6"				
308.6 klb + 88.2klbZB		220,500 lb				
ft	85°	85°	75°	65°	55°	45°
			1,000 lb			
85.3	-	27.1*	-	-	-	-
91.9	-	26.9*	-	-	-	-
98.4	-	26.2*	-	-	-	-
101.7	23.8	26.0*	-	-	-	-
111.5	23.8	25.4*	-	-	-	-
124.7	23.1	24.7	-	-	-	-
137.8	22.5	24.0	-	-	-	-
150.9	22.0	23.1	-	-	-	-
164.0	21.4	22.5	-	-	-	-
177.2	20.7	21.6	-	-	-	-
180.4	20.6	21.4	20.9	-	-	-
190.3	20.1	20.7	20.9	-	-	-
203.4	19.4	19.8	20.7	-	-	-
216.5	18.5	18.7	20.3	-	-	-
229.7	17.0	17.2	20.1	-	-	-
242.8	15.4	15.7	19.6	-	-	-
252.6	14.3	14.5	19.4	16.5	-	-
255.9	13.9	14.1	19.2	16.5	-	-
269.0	12.3	12.8	19.0	16.5	-	-
282.2	10.8	11.2	18.7	16.5	-	-
288.7	10.1	10.6	18.5	16.5	-	-
295.3	-	-	18.5	16.5	-	-
308.4	-	-	18.3	16.5	-	-
321.5	-	-	18.3	16.5	13.7	-
324.8	-	-	18.1	16.5	13.7	-
334.6	-	-	-	16.5	13.7	-
347.8	-	-	-	16.5	13.7	-
357.6	-	-	-	16.5	13.7	-
360.9	-	-	-	-	13.7	-
374.0	-	-	-	-	13.7	-
387.1	-	-	-	-	13.7	-

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

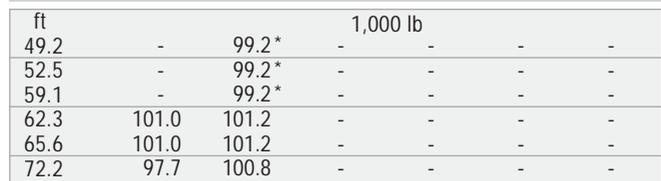
* Main boom angle 87°

216.5 ft + 78.7 ft



0 lb		0 lb - 441,000 lb				
29'6"		32'10" - 52'6"				
308.6 klb + 88.2klbZB		220,500 lb				
ft	85°	85°	75°	65°	55°	45°
			1,000 lb			
39.4	-	135.6*	-	-	-	-
45.9	-	135.6*	-	-	-	-
52.5	136.7	138.9	-	-	-	-
59.1	133.4	137.8	-	-	-	-
65.6	127.9	132.3	-	-	-	-
72.2	122.4	125.7	-	-	-	-
78.7	116.8	119.0	-	-	-	-
85.3	111.3	114.6	-	-	-	-
91.9	107.6	110.0	-	-	-	-
98.4	103.4	105.2	-	-	-	-
101.7	101.4	103.0	137.8	-	-	-
111.5	-	-	134.5	-	-	-
124.7	-	-	124.6	-	-	-
137.8	-	-	113.5	-	-	-
147.6	-	-	-	122.4	-	-
150.9	-	-	-	122.4	-	-
164.0	-	-	-	115.7	-	-
173.9	-	-	-	108.9	-	-
190.3	-	-	-	-	106.7	-
203.4	-	-	-	-	103.2	-
206.7	-	-	-	-	100.8	-
229.7	-	-	-	-	-	91.1
236.2	-	-	-	-	-	89.5

216.5 ft + 118.1 ft



		1,000 lb				
ft	85°	85°	75°	65°	55°	
49.2	-	99.2*	-	-	-	
52.5	-	99.2*	-	-	-	
59.1	-	99.2*	-	-	-	
62.3	101.0	101.2	-	-	-	
65.6	101.0	101.2	-	-	-	
72.2	97.7	100.8	-	-	-	
78.7	94.4	97.7	-	-	-	
85.3	90.8	93.7	-	-	-	
91.9	87.1	89.7	-	-	-	
98.4	83.6	85.8	-	-	-	
111.5	76.7	78.5	-	-	-	
118.1	74.3	75.8	99.4	-	-	
124.7	71.9	73.2	98.8	-	-	
137.8	67.0	67.9	94.6	-	-	
141.1	65.9	66.6	93.3	-	-	
150.9	-	-	89.5	-	-	
164.0	-	-	83.8	-	-	
170.6	-	-	80.7	88.0	-	
177.2	-	-	77.8	88.0	-	
190.3	-	-	-	84.7	-	
203.4	-	-	-	79.6	-	
213.3	-	-	-	75.0	-	
219.8	-	-	-	-	76.7	
229.7	-	-	-	-	76.3	
242.8	-	-	-	-	71.9	
246.1	-	-	-	-	70.5	
262.5	-	-	-	-	-	66.1
269.0	-	-	-	-	-	65.7
275.6	-	-	-	-	-	63.9

SWSL

23'9"

360°

ISO

216.5 ft + 157.5 ft

0 lb		0 lb - 441,000 lb				
29'6"		32'10" - 52'6"				
308.6 klb + 88.2klbZB		220,500 lb				
ft	85°	85°	75°	65°	55°	45°
			1,000 lb			
59.1	-	73.0*	-	-	-	-
65.6	-	72.8*	-	-	-	-
72.2	73.4	74.5	-	-	-	-
78.7	72.8	74.3	-	-	-	-
85.3	71.7	74.3	-	-	-	-
91.9	69.4	71.9	-	-	-	-
98.4	66.8	69.2	-	-	-	-
111.5	62.2	64.2	-	-	-	-
124.7	57.8	59.1	-	-	-	-
134.5	54.5	55.7	70.8	-	-	-
137.8	53.6	54.7	70.8	-	-	-
150.9	50.3	51.4	69.9	-	-	-
164.0	47.2	47.8	67.7	-	-	-
177.2	43.9	44.5	65.0	-	-	-
190.3	-	-	61.9	-	-	-
193.6	-	-	61.1	62.6	-	-
203.4	-	-	58.4	62.6	-	-
216.5	-	-	52.2	61.5	-	-
229.7	-	-	-	59.3	-	-
242.8	-	-	-	55.8	-	-
246.1	-	-	-	54.9	54.5	-
249.3	-	-	-	54.0	54.5	-
255.9	-	-	-	-	54.5	-
269.0	-	-	-	-	53.6	-
282.2	-	-	-	-	50.9	-
295.3	-	-	-	-	-	47.6
308.4	-	-	-	-	-	47.4
311.7	-	-	-	-	-	46.7
321.5	-	-	-	-	-	-

216.5 ft + 196.9 ft

0 lb		0 lb - 441,000 lb				
29'6"		32'10" - 52'6"				
308.6 klb + 88.2klbZB		220,500 lb				
ft	85°	85°	75°	65°	55°	45°
			1,000 lb			
68.9	-	53.6*	-	-	-	-
72.2	-	53.6*	-	-	-	-
78.7	-	52.9*	-	-	-	-
82.0	51.8	54.7	-	-	-	-
85.3	51.8	54.7	-	-	-	-
91.9	51.6	53.8	-	-	-	-
98.4	50.9	53.1	-	-	-	-
111.5	48.5	50.3	-	-	-	-
124.7	45.6	47.2	-	-	-	-
137.8	42.8	44.1	-	-	-	-
150.9	39.7	40.8	49.2	-	-	-
164.0	36.8	37.9	48.9	-	-	-
177.2	34.6	35.5	48.5	-	-	-
190.3	32.4	33.1	47.2	-	-	-
203.4	30.2	30.6	45.9	-	-	-
216.5	27.8	28.2	44.5	42.5	-	-
229.7	-	-	42.5	42.5	-	-
242.8	-	-	40.8	42.3	-	-
252.6	-	-	38.6	42.2	-	-
255.9	-	-	-	42.1	-	-
269.0	-	-	-	41.0	-	-
275.6	-	-	-	40.1	36.8	-
282.2	-	-	-	39.2	36.8	-
288.7	-	-	-	38.4	36.8	-
295.3	-	-	-	-	36.8	-
308.4	-	-	-	-	36.6	-
321.5	-	-	-	-	35.9	-
324.8	-	-	-	-	-	32.4
334.6	-	-	-	-	-	32.4
347.8	-	-	-	-	-	32.4
351.1	-	-	-	-	-	32.4

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

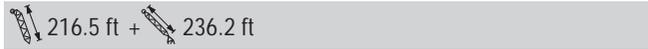
SWSL

23'9"

360°

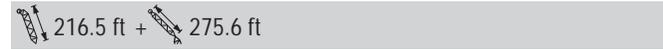
ISO

216.5 ft + 236.2 ft



ft	0 lb		0 lb - 441,000 lb				
	29'6"		32'10" - 52'6"				
	308.6 klb + 88.2 klb ZB		220,500 lb				
	85°	85°	75°	65°	55°	45°	
	1,000 lb						
75.5	-	38.6*	-	-	-	-	-
78.7	-	38.6*	-	-	-	-	-
85.3	-	38.4*	-	-	-	-	-
91.9	36.2	37.7*	-	-	-	-	-
98.4	36.2	37.5	-	-	-	-	-
111.5	35.5	36.6	-	-	-	-	-
124.7	34.4	35.5	-	-	-	-	-
137.8	32.8	34.0	-	-	-	-	-
150.9	30.6	31.7	-	-	-	-	-
164.0	28.7	29.5	-	-	-	-	-
167.3	28.1	29.0	33.3	-	-	-	-
177.2	26.5	27.3	33.3	-	-	-	-
190.3	24.5	25.1	33.1	-	-	-	-
203.4	22.7	23.4	32.8	-	-	-	-
216.5	20.9	21.6	32.2	-	-	-	-
229.7	19.2	19.8	31.7	-	-	-	-
239.5	17.9	18.5	31.3	28.2	-	-	-
242.8	17.4	18.1	31.1	28.2	-	-	-
252.6	16.1	16.5	30.4	28.2	-	-	-
255.9	-	-	30.2	28.2	-	-	-
269.0	-	-	29.3	28.2	-	-	-
282.2	-	-	28.4	28.2	-	-	-
292.0	-	-	25.8	28.1	-	-	-
295.3	-	-	-	28.0	-	-	-
301.8	-	-	-	28.0	23.8	-	-
308.4	-	-	-	27.8	23.8	-	-
321.5	-	-	-	27.3	23.8	-	-
328.1	-	-	-	27.1	23.8	-	-
334.6	-	-	-	-	23.8	-	-
347.8	-	-	-	-	23.8	-	-
360.9	-	-	-	-	23.8	-	-

216.5 ft + 275.6 ft



ft	0 lb		0 lb - 441,000 lb				
	29'6"		32'10" - 52'6"				
	308.6 klb + 88.2 klb ZB		220,500 lb				
	85°	85°	75°	65°	55°	45°	
	1,000 lb						
85.3	-	24.0*	-	-	-	-	-
91.9	-	24.0*	-	-	-	-	-
98.4	-	23.6*	-	-	-	-	-
101.7	21.4	23.4*	-	-	-	-	-
111.5	21.4	23.1	-	-	-	-	-
124.7	20.9	22.0	-	-	-	-	-
137.8	20.5	21.2	-	-	-	-	-
150.9	19.8	20.5	-	-	-	-	-
164.0	19.0	19.6	-	-	-	-	-
177.2	18.1	18.5	-	-	-	-	-
187.0	17.3	17.9	18.7	-	-	-	-
190.3	17.0	17.6	18.7	-	-	-	-
203.4	16.1	16.5	18.7	-	-	-	-
216.5	15.0	15.4	18.5	-	-	-	-
229.7	13.4	13.9	18.1	-	-	-	-
242.8	11.9	12.3	17.9	-	-	-	-
255.9	10.6	11.0	17.6	-	-	-	-
262.5	9.8	10.3	17.4	15.0	-	-	-
269.0	9.0	9.5	17.4	15.0	-	-	-
282.2	7.5	7.9	17.2	15.0	-	-	-
292.0	6.4	6.8	17.0	15.0	-	-	-
295.3	-	-	17.0	15.0	-	-	-
308.4	-	-	16.8	15.0	-	-	-
321.5	-	-	16.5	15.0	-	-	-
328.1	-	-	16.3	15.0	-	-	-
331.4	-	-	-	15.0	12.3	-	-
334.6	-	-	-	15.0	12.3	-	-
347.8	-	-	-	15.0	12.3	-	-
360.9	-	-	-	15.0	12.3	-	-
364.2	-	-	-	15.0	12.3	-	-
374.0	-	-	-	-	12.3	-	-
387.1	-	-	-	-	12.3	-	-
397.0	-	-	-	-	12.3	-	-

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

SWSL

23'9"
360°
ISO

236.2 ft + 78.7 ft

0 lb 0 lb - 441,000 lb 29'6" 32'10" - 52'6" 308.6 klb + 88.2 klb ZB 220,500 lb	
85° 85° 75° 65° 55° 45°	
ft	1,000 lb
42.7	- 117.9*
45.9	- 117.9*
52.5	119.0 120.2
59.1	116.8 120.2
65.6	111.3 115.7
72.2	106.7 110.2
78.7	101.9 105.2
85.3	97.4 100.1
91.9	93.9 96.1
98.4	90.2 92.2
101.7	88.4 90.2
105.0	- 116.8
111.5	- 116.8
124.7	- 108.7
137.8	- 100.1
144.4	- 95.9
157.5	- 103.4
164.0	- 101.9
177.2	- 93.9
183.7	- 89.1
203.4	- 88.2
216.5	- 83.3
219.8	- 81.1
242.8	- 74.5
249.3	- 73.2

236.2 ft + 118.1 ft

ft	1,000 lb
52.5	- 87.5*
59.1	- 86.6*
62.3	88.0 89.1
65.6	88.0 89.1
72.2	85.1 88.2
78.7	82.2 85.5
85.3	79.1 82.0
91.9	76.1 78.5
98.4	72.8 75.0
111.5	66.6 68.6
124.7	62.4 63.9 84.7
137.8	58.2 59.1 82.2
141.1	57.1 58.0 81.1
150.9	- 77.8
164.0	- 73.0
177.2	- 67.7
180.4	- 66.4 74.1
183.7	- 65.0 74.1
190.3	- 72.8
203.4	- 68.8
216.5	- 63.7
219.8	- 62.4
229.7	- 62.8
242.8	- 61.5
255.9	- 57.1
275.6	- 52.9
288.7	- 51.1

236.2 ft + 157.5 ft

0 lb 0 lb - 441,000 lb 29'6" 32'10" - 52'6" 308.6 klb + 88.2 klb ZB 220,500 lb	
85° 85° 75° 65° 55° 45°	
ft	1,000 lb
59.1	- 64.6*
65.6	- 64.2*
72.2	64.2 66.1
78.7	64.2 65.7
85.3	62.8 65.0
91.9	60.8 63.3
98.4	58.4 60.6
111.5	54.0 56.0
124.7	50.0 51.6
137.8	46.1 47.4
141.1	45.3 46.6 61.7
150.9	43.2 44.3 61.1
164.0	40.3 41.2 59.1
177.2	37.5 38.1 56.4
180.4	36.8 37.5 55.9
190.3	- 53.8
203.4	- 50.7 53.4
216.5	- 47.6 52.7
219.8	- 46.7 52.2
229.7	- 50.7
242.8	- 48.3
255.9	- 45.0
259.2	- 44.3 45.2
269.0	- 45.2
282.2	- 43.2
295.3	- 40.3
308.4	- 38.1
321.5	- 37.5
328.1	- 36.4

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

SWSL

 23'9"

360°

ISO

236.2 ft + 196.9 ft	
 0 lb	0 lb - 441,000 lb
 29'6"	32'10" - 52'6"
 308.6 klb + 88.2 klb ZB	220,500 lb
 85°	85° 75° 65° 55° 45°
1,000 lb	
68.9	- 47.8*
72.2	- 47.8*
78.7	- 46.7*
82.0	45.9 48.5
85.3	45.9 48.5
91.9	45.6 48.1
98.4	45.0 47.2
111.5	42.5 44.3
124.7	39.5 41.0
137.8	36.8 38.1
150.9	34.0 35.1
157.5	32.6 33.7 43.2
164.0	31.3 32.4 43.2
177.2	29.3 30.2 42.3
190.3	27.3 28.0 41.2
203.4	25.1 25.8 39.9
216.5	23.1 23.6 38.6
226.4	- 37.3 36.8
229.7	- 36.8 36.8
242.8	- 34.8 36.6
255.9	- 33.1 35.7
259.2	- 32.6 35.5
269.0	- 34.8
282.2	- 33.1
285.4	- 32.6 30.9
295.3	- 31.3 30.9
298.6	- 30.9 30.9
308.4	- 30.6
321.5	- 29.5
331.4	- 28.2
341.2	- 26.0
347.8	- 26.0
360.9	- 25.4
364.2	- 25.1
370.7	-

236.2 ft + 236.2 ft	
 0 lb	0 lb - 441,000 lb
 29'6"	32'10" - 52'6"
 308.6 klb + 88.2 klb ZB	220,500 lb
 85°	85° 75° 65° 55° 45°
1,000 lb	
78.7	- 34.8*
85.3	- 34.4*
91.9	- 33.3*
95.1	32.2 34.2
98.4	32.2 34.2
111.5	31.7 33.5
124.7	30.2 31.5
137.8	28.0 29.3
150.9	26.0 27.1
164.0	24.0 25.1
173.9	22.5 23.5 29.5
177.2	22.0 22.9 29.5
190.3	20.1 20.9 29.5
203.4	18.5 19.4 29.1
216.5	17.0 17.6 28.4
229.7	15.2 15.9 27.6
242.8	13.7 14.1 26.7
246.1	13.3 13.7 26.5 24.5
255.9	12.1 12.6 25.8 24.5
269.0	- 24.5 24.5
282.2	- 23.4 24.3
295.3	- 22.3 24.0
308.4	- 23.4
315.0	- 22.9 20.3
321.5	- 22.5 20.3
334.6	- 21.6 20.3
347.8	- 20.3
360.9	- 19.8
370.7	- 19.2

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

SWSL

23'9" 360° ISO

236.2 ft + 275.6 ft

		0 lb		0 lb - 441,000 lb	
		29'6"		32'10" - 52'6"	
		308.6 klb + 88.2 klb ZB		220,500 lb	
		85°		85°	
		75°		65°	
		55°		45°	
ft		1,000 lb			
88.6	-	21.8*	-	-	-
91.9	-	21.8*	-	-	-
98.4	-	21.4*	-	-	-
105.0	19.4	20.9*	-	-	-
111.5	19.4	20.5*	-	-	-
124.7	19.0	20.1	-	-	-
137.8	18.5	19.4	-	-	-
150.9	18.1	19.0	-	-	-
164.0	17.0	17.6	-	-	-
177.2	15.7	16.3	-	-	-
190.3	14.3	15.0	17.0	-	-
203.4	13.0	13.7	17.0	-	-
216.5	11.7	12.1	17.0	-	-
229.7	10.4	10.8	16.8	-	-
242.8	8.8	9.5	16.3	-	-
255.9	7.5	7.9	15.9	-	-
269.0	6.0	6.6	15.4	-	-
272.3	5.7	6.2	15.2	13.2	-
275.6	-	5.7	15.0	13.2	-
282.2	-	-	14.8	13.2	-
295.3	-	-	13.9	13.2	-
308.4	-	-	13.2	13.2	-
321.5	-	-	12.6	13.0	-
334.6	-	-	11.7	12.8	-
344.5	-	-	-	12.5	9.9
347.8	-	-	-	12.3	9.9
360.9	-	-	-	11.9	9.9
374.0	-	-	-	11.5	9.9
387.1	-	-	-	-	9.9
400.3	-	-	-	-	9.9
410.1	-	-	-	-	9.9

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

255.9 ft + 78.7 ft

		0 lb		0 lb - 441,000 lb	
		29'6"		32'10" - 52'6"	
		308.6 klb + 88.2 klb ZB		220,500 lb	
		85°		85°	
		75°		65°	
		55°		45°	
ft		1,000 lb			
42.7	-	103.4*	-	-	-
45.9	-	103.4*	-	-	-
52.5	-	101.2*	-	-	-
55.8	101.4	105.2	-	-	-
59.1	101.4	104.9	-	-	-
65.6	97.4	101.6	-	-	-
72.2	93.3	97.0	-	-	-
78.7	89.1	92.4	-	-	-
85.3	85.1	87.7	-	-	-
91.9	82.0	84.4	-	-	-
98.4	78.9	81.1	-	-	-
105.0	75.8	77.6	-	-	-
111.5	-	-	98.8	-	-
124.7	-	-	93.7	-	-
137.8	-	-	86.4	-	-
147.6	-	-	80.7	-	-
164.0	-	-	-	84.2	-
177.2	-	-	-	80.9	-
190.3	-	-	-	73.6	-
213.3	-	-	-	-	70.1
216.5	-	-	-	-	70.1
229.7	-	-	-	-	65.3
255.9	-	-	-	-	58.4
265.7	-	-	-	-	56.9
269.0	-	-	-	-	-

255.9 ft + 118.1 ft

		1,000 lb	
52.5	-	76.5*	-
59.1	-	75.8*	-
65.6	75.4	77.8	-
72.2	74.3	77.2	-
78.7	71.9	75.0	-
85.3	69.2	71.9	-
91.9	66.4	68.8	-
98.4	63.5	65.7	-
111.5	57.8	59.7	-
124.7	54.2	55.8	-
128.0	53.2	54.7	72.1
137.8	50.5	51.6	70.8
144.4	48.7	49.6	69.0
150.9	-	-	66.8
164.0	-	-	62.6
177.2	-	-	58.2
187.0	-	-	54.7
190.3	-	-	61.3
203.4	-	-	58.6
216.5	-	-	54.7
229.7	-	-	50.0
242.8	-	-	-
255.9	-	-	50.3
269.0	-	-	48.5
288.7	-	-	44.5
295.3	-	-	-
301.8	-	-	-

4

SWSL

23'9"

360°

ISO

255.9 ft + 157.5 ft

0 lb		0 lb - 441,000 lb				
29'6"		32'10" - 52'6"				
308.6 klb + 88.2klbZB		220,500 lb				
	85°	85°	75°	65°	55°	45°
ft	1,000 lb					
62.3	-	57.5*	-	-	-	-
65.6	-	56.9*	-	-	-	-
72.2	-	55.1*	-	-	-	-
75.5	55.3	58.0	-	-	-	-
78.7	55.3	58.0	-	-	-	-
85.3	54.0	56.7	-	-	-	-
91.9	52.7	54.9	-	-	-	-
98.4	50.5	52.7	-	-	-	-
111.5	46.7	48.5	-	-	-	-
124.7	43.0	44.5	-	-	-	-
137.8	39.5	40.8	-	-	-	-
144.4	38.1	39.5	51.8	-	-	-
150.9	36.8	38.1	51.8	-	-	-
164.0	34.4	35.3	49.8	-	-	-
177.2	32.0	32.6	47.4	-	-	-
180.4	31.3	32.0	46.7	-	-	-
190.3	-	-	44.8	-	-	-
203.4	-	-	42.1	-	-	-
210.0	-	-	40.8	43.4	-	-
216.5	-	-	39.5	43.4	-	-
226.4	-	-	37.3	42.3	-	-
229.7	-	-	-	41.9	-	-
242.8	-	-	-	39.7	-	-
255.9	-	-	-	36.8	-	-
269.0	-	-	-	34.0	35.5	-
282.2	-	-	-	-	34.6	-
295.3	-	-	-	-	32.4	-
305.1	-	-	-	-	30.4	-
321.5	-	-	-	-	-	28.2
334.6	-	-	-	-	-	27.3
341.2	-	-	-	-	-	26.2

255.9 ft + 196.9 ft

0 lb		0 lb - 441,000 lb				
29'6"		32'10" - 52'6"				
308.6 klb + 88.2klbZB		220,500 lb				
	85°	85°	75°	65°	55°	45°
ft	1,000 lb					
68.9	-	42.8*	-	-	-	-
72.2	-	42.8*	-	-	-	-
78.7	-	41.2*	-	-	-	-
85.3	39.9	42.3	-	-	-	-
91.9	39.9	42.1	-	-	-	-
98.4	39.0	41.0	-	-	-	-
111.5	36.6	38.4	-	-	-	-
124.7	34.0	35.5	-	-	-	-
137.8	31.3	32.8	-	-	-	-
150.9	28.9	30.0	-	-	-	-
160.8	27.0	28.0	36.8	-	-	-
164.0	26.5	27.3	36.8	-	-	-
177.2	24.5	25.4	36.4	-	-	-
190.3	22.7	23.4	34.8	-	-	-
203.4	20.7	21.4	33.3	-	-	-
216.5	19.0	19.4	31.7	-	-	-
219.8	18.3	19.0	31.3	-	-	-
229.7	-	-	30.0	-	-	-
232.9	-	-	29.5	30.0	-	-
242.8	-	-	28.2	30.0	-	-
255.9	-	-	26.7	29.5	-	-
262.5	-	-	25.8	28.9	-	-
269.0	-	-	-	28.2	-	-
282.2	-	-	-	26.7	-	-
295.3	-	-	-	25.1	-	-
298.6	-	-	-	24.8	24.0	-
305.1	-	-	-	24.0	24.0	-
308.4	-	-	-	-	24.0	-
321.5	-	-	-	-	23.4	-
334.6	-	-	-	-	22.0	-
344.5	-	-	-	-	20.9	-
354.3	-	-	-	-	-	19.0
360.9	-	-	-	-	-	19.0
374.0	-	-	-	-	-	18.1
377.3	-	-	-	-	-	17.9

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

SWSL

23'9"

360°

ISO

255.9 ft + 236.2 ft		0 lb - 441,000 lb		32'10" - 52'6"		220,500 lb		1,000 lb	
29'6"		32'10" - 52'6"		220,500 lb		1,000 lb		1,000 lb	
308.6 klb + 88.2klbZB		32'10" - 52'6"		220,500 lb		1,000 lb		1,000 lb	
85°		85°		75°		65°		55°	
45°		45°		45°		45°		45°	
ft									
78.7	-	29.1*	-	-	-	-	-	-	-
85.3	-	28.7*	-	-	-	-	-	-	-
91.9	-	28.0*	-	-	-	-	-	-	-
95.1	26.5	28.2	-	-	-	-	-	-	-
98.4	26.5	28.2	-	-	-	-	-	-	-
111.5	25.6	27.3	-	-	-	-	-	-	-
124.7	24.7	26.0	-	-	-	-	-	-	-
137.8	23.4	24.5	-	-	-	-	-	-	-
150.9	21.6	22.7	-	-	-	-	-	-	-
164.0	19.8	20.9	-	-	-	-	-	-	-
177.2	18.1	19.0	22.7	-	-	-	-	-	-
190.3	16.5	17.2	22.7	-	-	-	-	-	-
203.4	15.0	15.7	22.0	-	-	-	-	-	-
216.5	13.4	14.1	21.2	-	-	-	-	-	-
229.7	11.9	12.3	20.3	-	-	-	-	-	-
242.8	10.4	10.8	19.2	-	-	-	-	-	-
255.9	8.8	9.3	18.1	17.4	-	-	-	-	-
269.0	-	-	17.0	17.4	-	-	-	-	-
282.2	-	-	15.9	17.2	-	-	-	-	-
295.3	-	-	15.0	16.3	-	-	-	-	-
301.8	-	-	14.3	15.9	-	-	-	-	-
308.4	-	-	-	15.7	-	-	-	-	-
321.5	-	-	-	14.6	-	-	-	-	-
324.8	-	-	-	14.3	12.8	-	-	-	-
334.6	-	-	-	13.7	12.8	-	-	-	-
344.5	-	-	-	12.8	12.6	-	-	-	-
347.8	-	-	-	-	12.6	-	-	-	-
360.9	-	-	-	-	12.1	-	-	-	-
374.0	-	-	-	-	11.2	-	-	-	-
383.9	-	-	-	-	10.8	-	-	-	-
387.1	-	-	-	-	-	-	-	-	-

255.9 ft + 275.6 ft		0 lb - 441,000 lb		32'10" - 52'6"		220,500 lb		1,000 lb	
29'6"		32'10" - 52'6"		220,500 lb		1,000 lb		1,000 lb	
308.6 klb + 88.2klbZB		32'10" - 52'6"		220,500 lb		1,000 lb		1,000 lb	
85°		85°		75°		65°		55°	
45°		45°		45°		45°		45°	
ft									
88.6	-	19.2*	-	-	-	-	-	-	-
91.9	-	19.2*	-	-	-	-	-	-	-
98.4	-	18.7*	-	-	-	-	-	-	-
105.0	16.8	18.5	-	-	-	-	-	-	-
111.5	16.8	18.5	-	-	-	-	-	-	-
124.7	16.3	17.6	-	-	-	-	-	-	-
137.8	15.7	16.8	-	-	-	-	-	-	-
150.9	15.0	15.9	-	-	-	-	-	-	-
164.0	13.7	14.8	-	-	-	-	-	-	-
177.2	12.6	13.2	-	-	-	-	-	-	-
190.3	11.2	11.9	-	-	-	-	-	-	-
196.9	10.6	11.2	13.7	-	-	-	-	-	-
203.4	9.9	10.6	13.7	-	-	-	-	-	-
216.5	8.6	9.3	13.4	-	-	-	-	-	-
229.7	7.3	7.7	13.0	-	-	-	-	-	-
242.8	6.0	6.4	12.3	-	-	-	-	-	-
246.1	5.5	6.2	12.2	-	-	-	-	-	-
249.3	-	5.7	12.1	-	-	-	-	-	-
255.9	-	-	11.7	-	-	-	-	-	-
269.0	-	-	11.0	-	-	-	-	-	-
278.9	-	-	10.6	9.3	-	-	-	-	-
282.2	-	-	10.4	9.3	-	-	-	-	-
295.3	-	-	9.7	9.3	-	-	-	-	-
308.4	-	-	9.3	9.3	-	-	-	-	-
321.5	-	-	8.6	8.6	-	-	-	-	-
334.6	-	-	7.9	8.2	-	-	-	-	-
337.9	-	-	7.7	8.0	-	-	-	-	-
347.8	-	-	-	7.7	-	-	-	-	-
354.3	-	-	-	7.5	5.5	-	-	-	-
360.9	-	-	-	7.3	5.5	-	-	-	-
370.7	-	-	-	6.9	5.5	-	-	-	-
374.0	-	-	-	6.8	-	-	-	-	-
380.6	-	-	-	6.6	-	-	-	-	-

Remarks

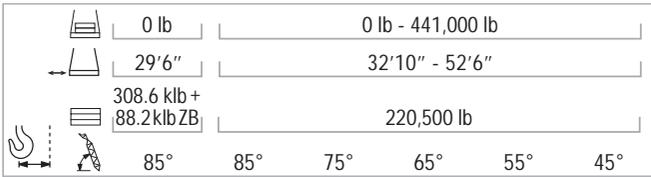
Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

SWSL

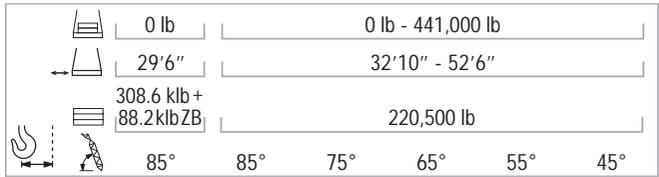
23'9"
360°
ISO

275.6 ft + 78.7 ft



ft	1,000 lb					
42.7	-	89.9*	-	-	-	-
45.9	-	89.9*	-	-	-	-
52.5	-	88.0*	-	-	-	-
55.8	86.4	90.8	-	-	-	-
59.1	86.4	90.8	-	-	-	-
65.6	83.8	87.7	-	-	-	-
72.2	80.7	83.8	-	-	-	-
78.7	77.4	80.2	-	-	-	-
85.3	73.9	76.7	-	-	-	-
91.9	71.0	73.6	-	-	-	-
98.4	68.6	70.8	-	-	-	-
108.3	64.6	66.4	-	-	-	-
118.1	-	-	80.9	-	-	-
124.7	-	-	79.6	-	-	-
137.8	-	-	73.2	-	-	-
150.9	-	-	66.6	-	-	-
154.2	-	-	64.8	-	-	-
173.9	-	-	-	66.8	-	-
177.2	-	-	-	66.8	-	-
190.3	-	-	-	61.1	-	-
200.1	-	-	-	56.4	-	-
226.4	-	-	-	-	52.5	-
229.7	-	-	-	-	52.5	-
242.8	-	-	-	-	47.2	-
272.3	-	-	-	-	-	41.2
278.9	-	-	-	-	-	40.3
301.8	-	-	-	-	-	-

275.6 ft + 118.1 ft



ft	1,000 lb					
52.5	-	67.0*	-	-	-	-
59.1	-	66.4*	-	-	-	-
65.6	63.7	68.1	-	-	-	-
72.2	63.7	67.0	-	-	-	-
78.7	61.9	65.0	-	-	-	-
85.3	60.0	62.6	-	-	-	-
91.9	57.5	60.0	-	-	-	-
98.4	55.1	57.3	-	-	-	-
111.5	50.3	52.0	-	-	-	-
124.7	46.7	48.3	-	-	-	-
134.5	44.4	45.6	60.0	-	-	-
137.8	43.7	44.8	60.0	-	-	-
144.4	41.9	43.0	58.4	-	-	-
150.9	-	-	56.4	-	-	-
164.0	-	-	52.7	-	-	-
177.2	-	-	48.7	-	-	-
190.3	-	-	44.8	-	-	-
193.6	-	-	43.9	-	-	-
196.9	-	-	-	48.5	-	-
203.4	-	-	-	48.1	-	-
216.5	-	-	-	44.5	-	-
229.7	-	-	-	40.8	-	-
236.2	-	-	-	39.0	-	-
252.6	-	-	-	-	37.3	-
255.9	-	-	-	-	37.3	-
269.0	-	-	-	-	34.8	-
278.9	-	-	-	-	32.4	-
301.8	-	-	-	-	-	28.4
308.4	-	-	-	-	-	28.4
315.0	-	-	-	-	-	27.1
321.5	-	-	-	-	-	-

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

SWSL

23'9" 360° ISO

275.6 ft + 157.5 ft

0 lb		0 lb - 441,000 lb				
29'6"		32'10" - 52'6"				
308.6 klb + 88.2klbZB		220,500 lb				
ft	85°	85°	75°	65°	55°	45°
	1,000 lb					
62.3	-	50.0*	-	-	-	-
65.6	-	50.0*	-	-	-	-
72.2	-	48.1*	-	-	-	-
75.5	46.7	49.4	-	-	-	-
78.7	46.7	49.4	-	-	-	-
85.3	46.1	48.7	-	-	-	-
91.9	45.0	47.6	-	-	-	-
98.4	43.4	45.6	-	-	-	-
111.5	40.1	41.9	-	-	-	-
124.7	36.8	38.4	-	-	-	-
137.8	33.7	35.1	-	-	-	-
150.9	31.3	32.6	42.8	-	-	-
164.0	29.1	30.2	41.4	-	-	-
177.2	26.9	27.8	39.0	-	-	-
183.7	25.8	26.5	37.9	-	-	-
190.3	-	-	36.8	-	-	-
203.4	-	-	34.4	-	-	-
216.5	-	-	32.0	-	-	-
219.8	-	-	31.3	33.5	-	-
229.7	-	-	29.3	33.1	-	-
242.8	-	-	-	31.1	-	-
255.9	-	-	-	28.9	-	-
269.0	-	-	-	26.5	-	-
275.6	-	-	-	25.4	-	-
282.2	-	-	-	-	24.9	-
295.3	-	-	-	-	24.0	-
308.4	-	-	-	-	22.0	-
318.2	-	-	-	-	20.5	-
334.6	-	-	-	-	-	18.1
347.8	-	-	-	-	-	17.2
354.3	-	-	-	-	-	16.3

275.6 ft + 196.9 ft

0 lb		0 lb - 441,000 lb				
29'6"		32'10" - 52'6"				
308.6 klb + 88.2klbZB		220,500 lb				
ft	85°	85°	75°	65°	55°	45°
	1,000 lb					
72.2	-	36.4*	-	-	-	-
78.7	-	35.5*	-	-	-	-
85.3	33.1	35.7	-	-	-	-
91.9	33.1	35.7	-	-	-	-
98.4	32.8	34.8	-	-	-	-
111.5	30.9	32.6	-	-	-	-
124.7	28.7	30.2	-	-	-	-
137.8	26.2	27.8	-	-	-	-
150.9	24.0	25.4	-	-	-	-
164.0	21.8	22.9	-	-	-	-
167.3	21.4	22.4	29.5	-	-	-
177.2	20.1	20.9	29.3	-	-	-
190.3	18.3	19.2	28.2	-	-	-
203.4	16.1	17.4	26.7	-	-	-
216.5	14.1	15.7	25.1	-	-	-
219.8	13.4	15.2	24.7	-	-	-
229.7	-	-	23.6	-	-	-
242.8	-	-	22.0	22.3	-	-
255.9	-	-	20.7	22.0	-	-
269.0	-	-	19.2	20.9	-	-
282.2	-	-	-	19.8	-	-
295.3	-	-	-	18.3	-	-
308.4	-	-	-	17.0	15.9	-
315.0	-	-	-	16.1	15.9	-
321.5	-	-	-	-	15.9	-
334.6	-	-	-	-	14.8	-
347.8	-	-	-	-	13.4	-
354.3	-	-	-	-	12.8	-
367.5	-	-	-	-	-	10.8
374.0	-	-	-	-	-	10.8
387.1	-	-	-	-	-	9.7
393.7	-	-	-	-	-	9.3
400.0	-	-	-	-	-	-

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

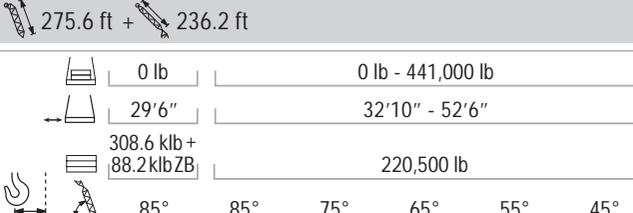
* Main boom angle 87°



SWSL

23'9"
360°
ISO

275.6 ft + 236.2 ft



		0 lb		0 lb - 441,000 lb			
		29'6"		32'10" - 52'6"			
		308.6 klb + 88.2 klb ZB		220,500 lb			
		85°	85°	75°	65°	55°	45°
ft		1,000 lb					
78.7	-	24.0*	-	-	-	-	-
85.3	-	24.0*	-	-	-	-	-
91.9	-	23.4*	-	-	-	-	-
98.4	20.9	23.1	-	-	-	-	-
111.5	20.5	22.3	-	-	-	-	-
124.7	19.4	20.9	-	-	-	-	-
137.8	18.3	19.8	-	-	-	-	-
150.9	17.0	18.3	-	-	-	-	-
164.0	15.7	16.8	-	-	-	-	-
177.2	14.3	15.2	-	-	-	-	-
183.7	13.6	14.4	17.2	-	-	-	-
190.3	12.8	13.7	17.2	-	-	-	-
203.4	11.5	12.1	16.8	-	-	-	-
216.5	9.5	10.8	15.9	-	-	-	-
229.7	7.5	9.3	15.0	-	-	-	-
242.8	5.5	7.9	13.9	-	-	-	-
255.9	-	6.4	13.0	-	-	-	-
259.2	-	6.0	12.8	-	-	-	-
262.5	-	-	12.6	11.5	-	-	-
269.0	-	-	11.9	11.5	-	-	-
282.2	-	-	11.0	11.0	-	-	-
295.3	-	-	10.1	10.6	-	-	-
305.1	-	-	9.3	9.9	-	-	-
308.4	-	-	-	9.7	-	-	-
321.5	-	-	-	9.0	-	-	-
334.6	-	-	-	8.4	-	-	-
337.9	-	-	-	8.2	6.4	-	-
347.8	-	-	-	7.5	6.4	-	-
351.1	-	-	-	7.5	6.2	-	-
360.9	-	-	-	-	6.0	-	-
370.7	-	-	-	-	5.5	-	-

275.6 ft + 275.6 ft



		0 lb		0 lb - 441,000 lb			
		29'6"		32'10" - 52'6"			
		308.6 klb + 88.2 klb ZB		220,500 lb			
		85°	85°	75°	65°	55°	45°
ft		1,000 lb					
88.6	-	15.0*	-	-	-	-	-
91.9	-	15.0*	-	-	-	-	-
98.4	-	15.0*	-	-	-	-	-
108.3	12.3	14.3*	-	-	-	-	-
111.5	12.3	14.3	-	-	-	-	-
124.7	12.1	13.7	-	-	-	-	-
137.8	11.5	12.8	-	-	-	-	-
150.9	10.6	11.9	-	-	-	-	-
164.0	9.7	11.0	-	-	-	-	-
177.2	8.8	9.7	-	-	-	-	-
190.3	7.7	8.6	-	-	-	-	-
200.1	6.9	7.8	9.3	-	-	-	-
203.4	6.6	7.5	9.3	-	-	-	-
213.3	6.0	6.6	9.1	-	-	-	-
216.5	-	-	9.0	-	-	-	-
229.7	-	-	8.6	-	-	-	-
242.8	-	-	8.2	-	-	-	-
255.9	-	-	7.3	-	-	-	-
269.0	-	-	6.6	-	-	-	-
282.2	-	-	6.0	-	-	-	-
288.7	-	-	5.5	-	-	-	-

Remarks

Main boom angle 85°, 75°, 65°, 55° and 45°; capacities for intermediate boom positions are calculated by the crane control system IC-1

* Main boom angle 87°

NOTES TO LIFTING CAPACITY

Ratings are in compliance with ISO 4305.

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.

The load charts shown in this brochure apply to Standard-SL and Vario-SL. Charts for Tele-SL with counterweight carrier are available on request. In some instances the superlift counterweight does not lift off the ground with the indicated load.

TECHNICAL DESCRIPTION

CRAWLER CARRIER

3-section carrier	comprising of carbody and two crawlers. Hydraulic pin connections between crawlers and carbody provide for easy assembly and removal to minimise width and weight for transportation.
Carbody	Bending- and torsion-resistant welded structure of box type construction, fabricated of high-strength fine-grain structural steel.
Crawlers	Side frames: bending-resistant welded structure of high-strength fine-grain structural steel. Track shoes and idler tumblers are fabricated of heat-treated high-strength cast steel. 14 rollers on each side frame with hardened rolling surfaces. Automatic centralized lubrication is included as standard.
Power train	The tracks are powered by one hydraulic motor each through closed planetary gear reduction units running in oil bath, equipped with spring-applied hydraulically released holding brakes; the gear units are of extremely compact design to fit within the width of the crawlers. Each crawler is infinitely variable controlled, both independently and in opposite direction.
Assembly jacks	Four hydraulic jacking cylinders on carbody (folding within 9'11" width) for easy assembly of crawlers.

SUPERSTRUCTURE

Counterweight	308,600 lb in combination with 88,200 lb central ballast on carrier.
A-frame	Hydraulic raising system for A-frame as standard.
Frame	Torsion-resistant welded structure fabricated of high-strength fine-grain structural steel. Connected to carrier by triple-row roller bearing slew ring.
Drive	DaimlerChrysler diesel engine type OM 501 LA, 260 kW (353 hp) at 2000 1/min, torque 2000 Nm at 1080 1/min. The engine complies with EUROMOT 3a, EPA T3 and Carb regulations. Pump distribution gearbox with five variable displacement axial piston pumps incl. electronic control system, and gear pumps.
Rope drums	The standard superstructure equipment includes two rope drums – hoist 1 and boom hoist – and is prepared for hoist 2. 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 and W 1, 2 equipped with quick-connect rope end fittings. Hoist H 1 (and optionally H 2) is removable to minimise weight for transportation.
Slew units	Powered by two hydraulic motors through closed, planetary gear unit running in oil bath. Spring-applied, hydraulically released holding brake and non-wearing hydraulic braking.
Control system	Demag IC-1: Electronic proportional valve pilot control integrated in stored-program control system incl. diagnostics. 2 colour monitors, safe load indicator operated via a touchscreen. Working speeds infinitely variable controlled by the lever position. Automatic power control for optimal utilisation of engine output. Working range limiter and ground pressure indication.
Cabin	Comfortable cab with large windscreen and air-conditioning. Safety-glazing all around, roof window, self-contained hot air heater, full instrumentation and crane controls. The cab can be tilted back for improved operator view of boom point. A camera system is installed to monitor the rope drums. For transportation, the cab swings in front of the superstructure to minimise width.
Electrical equipment	24 V d. c. system.
Reeving winch	Mounted on superstructure.

OPTIONAL EQUIPMENT

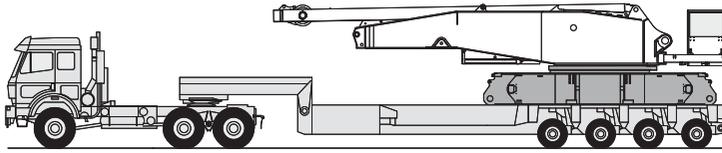
Hydraulic cylinder A-frame	For self-assembly of crawlers.
Sideways outriggers	For erection of long boom systems.
Counterweight carrier	Drive 4 x 2, total weight max. 440,925 lb.
Quick-connection	Hydraulic quick-disconnect fittings on carrier and superstructure facilitate removal to minimise weight for transportation.
Track shoes	Optional width of 3'3" and 4'12".
Self-assembly for counterweight	Two hydraulic cylinders on superstructure.

TECHNICAL DESCRIPTION
BOOM CONFIGURATIONS

SH:	Main boom: foot section 34'5", inserts 39.4 ft and 19.7 ft (type 2319) and tapered insert 19.7 ft, boom head 4'11". Main boom lengths: 59.1 - 275.6 ft.
SH / LH:	Main boom: foot section 34'5", inserts 39.4 ft and 19.7 ft (type 2319), tapered insert 19.7 ft, extended by inserts 39.4 ft and 19.7 ft (type 2016), top section 24'7". Main boom lengths: 137.8 - 354.3 ft.
SW:	Main boom: same as SH. Offset 87° to 65°. Luffing fly jib: foot section 14'9", inserts 39.4 ft and 19.7 ft (type 2016), jib top section 24'7". Main boom lengths: 78.7 - 236.2 ft. Fly jib lengths: 59.1 - 236.2 ft.
SSL:	Main boom: same as SH. Superlift equipment. Main boom lengths: 98.4 - 275.6 ft.
SSL / LSL:	Main boom: foot section 34'5", inserts 177.2 ft (type 2319), tapered insert 19.7 ft, extended by inserts 39.4 ft and 19.7 ft (type 2016), top section 24'7". Superlift equipment. Main boom lengths: 255.9 - 393.7 ft.
SWSL:	Main boom: same as SH. Offset 87° to 45°. Luffing fly jib: same as SW. Superlift equipment. Main boom lengths: 118.1 - 275.6 ft. Fly jib lengths: 59.1 - 275.6 ft.
+LF:	Addition to SH, SH/LH, SSL or SSL/LSL. Fixed fly jib: foot section 19.7 ft, inserts 19.7 ft (type 1310), jib top section 19.7 ft. Fly jib lengths: 39.4 ft, 59.1 ft, 78.7 ft, 98.4 ft. Offset: 10°, 25° and 40°.
Safety devices	Electronic safe load indicator, hoist limit switch, limit switches for boom movements, hydraulic boom backstops, anemometer.

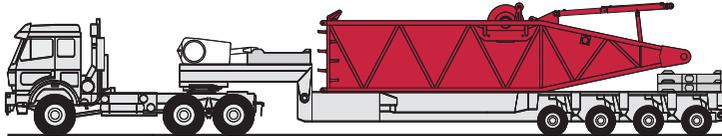
SUPERLIFT CONFIGURATIONS

Standard Superlift equipment	Mast 98.4 ft (type 2116), counterweight tray for max. 440,925 lb. Superlift radii 36'1", 42'8", 49'3" (29'6" without tray).
Variable Superlift equipment	Mast 98.4 ft (type 2116), counterweight tray for max. 440,925 lb. Superlift radius infinitely variable during operation 29'6" to 49'3".
Superlift with counterweight carrier	Mast 98.4 ft (type 2116), counterweight tray for max. 440,925 lb. Superlift radius infinitely variable during operation 36'1" to 49'3".
Runner	
Hydraulic pinning of boom sections	

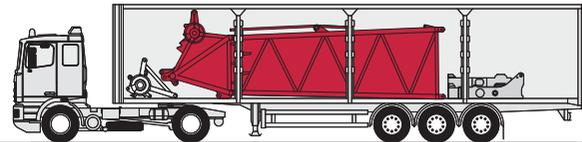
TRANSPORT EXAMPLE FOR CC 2000-1
**SW 196.9 FT + 196.9 FT
264,600 LB + 44,100 LB**


Basic machine: 131,400 lb

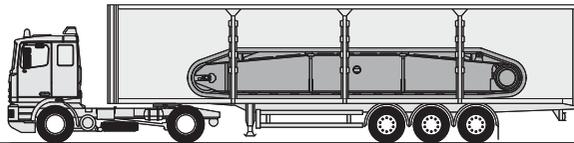
- Counterweight
- Basic machine
- Main boom
- Jib



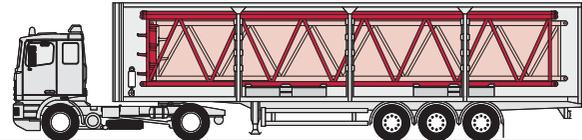
Main boom foot, 352,700 lb hook block, 22,050 lb counterweight, 2 x 16,500 lb counterweight: 86,400 lb



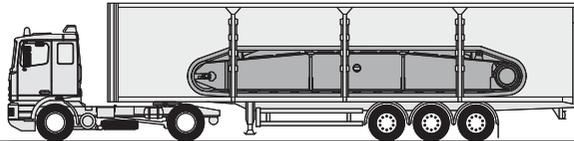
Reducer, main boom head, sheave set, 22,050 lb central ballast, 16,500 lb counterweight: 53,800 lb



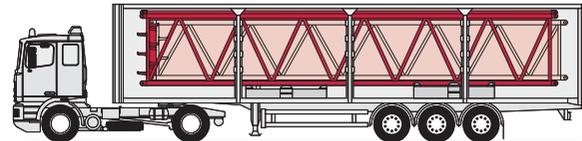
Crawler: 53,800 lb



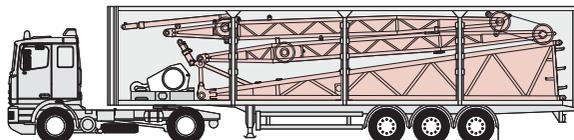
39.4 ft boom section (main boom + jib), 2 x 16,500 lb counterweight, hook equipment: 48,000 lb



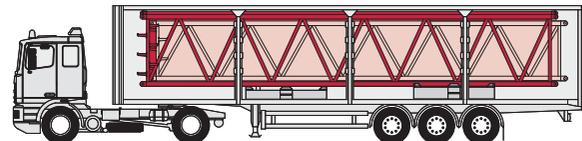
Crawler: 53,800 lb



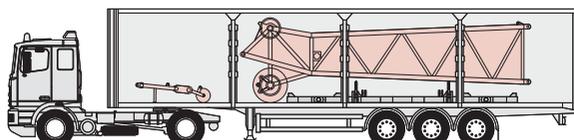
39.4 ft boom section (main boom + jib), 16,500 lb counterweight, 22,050 lb counterweight: 52,250 lb



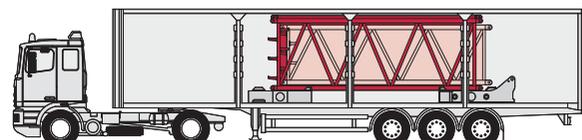
Jib foot, luffing masts + cylinders, 16,500 lb counterweight, 88,200 lb hook block: 32,850 lb



39.4 ft boom section (main boom + jib), 16,500 lb counterweight, 22,050 lb counterweight: 52,250 lb



Jib top section, 44,100 lb counterweight tray, runner: 53,100 lb



19.7 ft boom section (main boom + jib), 22,050 lb counterweight, 22,050 lb central ballast: 53,100 lb

Effective Date: June 2008.

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