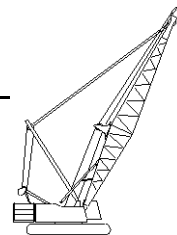




Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
 Requirements



999 SERIES 2

LIFTING CAPACITIES: Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

Upper boom point capacity for liftcrane service with single part whip line or combination of two single part lines is 13 380 kg. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point sheaves, is considered part of main boom load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate in a level position on a firm uniformly supporting surface with gantry up. Refer to boom rigging **No. 81018714** and Wire Rope Specification chart **No. 8996-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface and boom within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8995-A**.

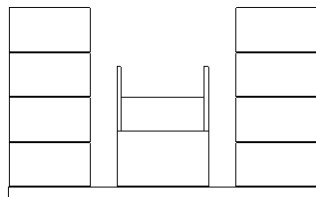
OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

BOOM POINT ELEVATION: Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 8 585 mm crawlers, 1 219 mm treads, 3 124 mm retractable gantry, 9 144 mm live mast, 20 part boom hoist reeving, four 35 mm boom pendants, 83 730 kg crane counterweight and two 9 980 kg carbody counterweights.

WITH OR WITHOUT BOOM CATWALKS	
Maximum Boom Lengths Lifted Unassisted With or Without Auxiliary Drum in Boom Butt	
Over End of Blocked Crawlers	Over Side of Crawlers
Boom Length	Boom Length
(a) 94.5 m	(a) 88.4 m
Load block, hook and weight ball on ground at start. (a) Upper boom point cannot be used on 94.5 m boom and cannot be lifted over side of crawlers on 88.4 m boom.	

Auxiliary Drum Deduct
 Deduct 410 kg from boom capacities when boom butt is equipped with auxiliary drum.

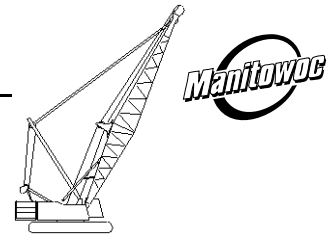


83 730 kg Crane Counterweight
 8 Side Boxes - 1 Center Box

Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
 83 730 kg Crane Counterweight
 19 960 kg Carbody Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
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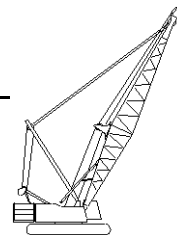


999 SERIES 2

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
33,5 m			
7,3	80,1	35,5	120 400 *
8,0	78,9	35,4	119 900 *
9,0	77,1	35,2	110 700 *
10,0	75,4	34,9	97 000
11,0	73,6	34,6	84 000
12,0	71,8	34,3	74 200
13,0	70,0	34,0	66 300
14,0	68,2	33,6	59 900
15,0	66,3	33,2	54 500
16,0	64,4	32,7	49 900
18,0	60,6	31,7	42 600
20,0	56,6	30,5	37 100
22,0	52,4	29,0	32 700
24,0	47,9	27,4	29 200
26,0	43,1	25,4	26 300
28,0	37,8	23,0	23 800
30,0	31,9	20,2	21 600
32,0	24,6	16,5	19 800

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36,6 m			
7,3	80,9	38,6	120 400 *
8,0	79,8	38,5	119 800 *
9,0	78,2	38,3	110 400 *
10,0	76,6	38,1	97 000
11,0	75,0	37,8	84 000
12,0	73,4	37,5	74 100
13,0	71,7	37,2	66 200
14,0	70,1	36,9	59 800
15,0	68,4	36,5	54 400
16,0	66,7	36,1	49 800
18,0	63,2	35,1	42 500
20,0	59,7	34,0	37 000
22,0	56,0	32,8	32 600
24,0	52,1	31,3	29 000
26,0	48,0	29,7	26 000
28,0	43,6	27,7	23 600
30,0	38,9	25,4	21 500
32,0	33,6	22,7	19 600
34,0	27,4	19,3	18 100
36,0	19,5	14,7	16 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
39,6 m			
7,9	80,7	41,6	120 400 *
8,0	80,6	41,6	119 800 *
9,0	79,1	41,4	110 000 *
10,0	77,6	41,2	97 000
11,0	76,2	41,0	83 900
12,0	74,7	40,7	74 000
13,0	73,2	40,4	66 100
14,0	71,6	40,1	59 600
15,0	70,1	39,7	54 200
16,0	68,6	39,4	49 600
18,0	65,4	38,5	42 300
20,0	62,2	37,5	36 800
22,0	58,9	36,4	32 400
24,0	55,4	35,1	28 800
26,0	51,9	33,6	25 900
28,0	48,1	32,0	23 400
30,0	44,1	30,0	21 300
32,0	39,7	27,8	19 500
34,0	35,0	25,2	17 800
36,0	29,5	22,0	16 400
38,0	23,0	18,0	15 200



Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
 83 730 kg Crane Counterweight
 19 960 kg Carbody Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
42,7 m			
8,5	80,5	44,6	114 100 *
9,0	79,9	44,5	109 100 *
10,0	78,5	44,3	96 900
11,0	77,2	44,1	83 800
12,0	75,8	43,8	73 900
13,0	74,4	43,6	66 000
14,0	73,0	43,3	59 400
15,0	71,6	43,0	54 100
16,0	70,2	42,6	49 500
18,0	67,3	41,8	42 200
20,0	64,3	40,9	36 600
22,0	61,3	39,9	32 200
24,0	58,2	38,8	28 600
26,0	55,0	37,4	25 700
28,0	51,7	36,0	23 200
30,0	48,1	34,3	21 100
32,0	44,4	32,3	19 300
34,0	40,4	30,2	17 700
36,0	36,1	27,6	16 300
38,0	31,3	24,6	15 000
40,0	25,6	20,9	13 900
42,0	18,5	16,0	12 900

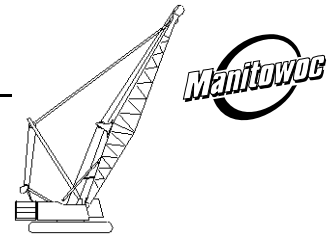
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
45,7 m			
9,1	80,4	47,6	103 100 *
10,0	79,3	47,4	97 400
11,0	78,0	47,2	83 600
12,0	76,8	47,0	73 700
13,0	75,5	46,7	65 800
14,0	74,2	46,5	59 300
15,0	72,9	46,2	53 900
16,0	71,5	45,8	49 300
18,0	68,9	45,1	42 000
20,0	66,2	44,3	36 400
22,0	63,4	43,4	32 000
24,0	60,6	42,3	28 400
26,0	57,6	41,1	25 500
28,0	54,6	39,8	23 000
30,0	51,5	38,2	20 900
32,0	48,2	36,6	19 000
34,0	44,7	34,7	17 500
36,0	41,1	32,5	16 100
38,0	37,1	30,0	14 800
40,0	32,7	27,2	13 700
42,0	27,7	23,7	12 700
44,0	21,7	19,4	11 800

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48,8 m			
9,1	81,0	50,7	99 200 *
10,0	80,0	50,5	95 300
11,0	78,8	50,3	83 500
12,0	77,6	50,1	73 600
13,0	76,4	49,9	65 600
14,0	75,2	49,6	59 100
15,0	74,0	49,3	53 700
16,0	72,7	49,0	49 100
18,0	70,3	48,4	41 800
20,0	67,7	47,6	36 200
22,0	65,2	46,7	31 800
24,0	62,6	45,8	28 300
26,0	59,9	44,7	25 300
28,0	57,1	43,4	22 800
30,0	54,3	42,1	20 700
32,0	51,3	40,5	18 900
34,0	48,2	38,9	17 300
36,0	45,0	37,0	15 900
38,0	41,6	34,8	14 700
40,0	37,9	32,5	13 500
42,0	33,9	29,7	12 500
44,0	29,4	26,4	11 600
46,0	24,2	22,5	10 800

Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
 83 730 kg Crane Counterweight
 19 960 kg Carbody Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements



999 SERIES 2

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51,8 m			
9,8	80,9	53,6	91 500 *
10,0	80,6	53,6	90 800 *
11,0	79,5	53,4	83 400
12,0	78,3	53,2	73 400
13,0	77,2	53,0	65 500
14,0	76,1	52,8	59 000
15,0	74,9	52,5	53 600
16,0	73,8	52,2	49 000
18,0	71,5	51,6	41 700
20,0	69,1	50,9	36 100
22,0	66,7	50,1	31 700
24,0	64,3	49,2	28 100
26,0	61,8	48,2	25 200
28,0	59,3	47,0	22 700
30,0	56,7	45,8	20 600
32,0	54,0	44,4	18 800
34,0	51,2	42,9	17 100
36,0	48,3	41,2	15 800
38,0	45,3	39,3	14 500
40,0	42,1	37,2	13 400
42,0	38,6	34,8	12 400
44,0	34,9	32,2	11 500
46,0	30,9	29,1	10 700
48,0	26,2	25,4	9 900
50,0	20,7	20,8	9 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54,9 m			
10,4	80,7	56,6	86 000 *
11,0	80,1	56,5	83 400
12,0	79,0	56,3	73 300
13,0	77,9	56,1	65 400
14,0	76,9	55,9	58 900
15,0	75,8	55,7	53 400
16,0	74,7	55,4	48 800
18,0	72,5	54,8	41 500
20,0	70,3	54,1	35 900
22,0	68,1	53,4	31 500
24,0	65,8	52,5	27 900
26,0	63,5	51,6	25 000
28,0	61,1	50,5	22 500
30,0	58,7	49,4	20 400
32,0	56,3	48,1	18 600
34,0	53,7	46,7	17 000
36,0	51,1	45,2	15 600
38,0	48,3	43,5	14 300
40,0	45,5	41,6	13 200
42,0	42,5	39,5	12 200
44,0	39,3	37,2	11 300
46,0	35,8	34,6	10 500
48,0	32,1	31,6	9 700
50,0	27,9	28,2	9 100
52,0	23,1	24,0	8 400

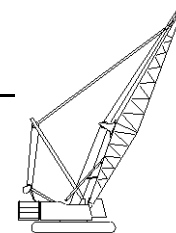
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57,9 m			
11,0	80,6	59,6	78 600 *
12,0	79,6	59,4	73 700
13,0	78,6	59,2	65 200
14,0	77,6	59,0	58 700
15,0	76,5	58,8	53 300
16,0	75,5	58,5	48 700
18,0	73,5	58,0	41 300
20,0	71,4	57,4	35 700
22,0	69,3	56,7	31 300
24,0	67,2	55,8	27 700
26,0	65,0	55,0	24 800
28,0	62,8	54,0	22 300
30,0	60,5	52,9	20 100
32,0	58,2	51,7	18 300
34,0	55,9	50,4	16 700
36,0	53,5	49,0	15 400
38,0	51,0	47,5	14 100
40,0	48,4	45,8	13 000
42,0	45,7	43,9	12 000
44,0	42,8	41,8	11 100
46,0	39,8	39,6	10 300
48,0	36,6	37,0	9 500
50,0	33,2	34,2	8 800
52,0	29,4	30,9	8 200
54,0	25,0	27,0	7 600
56,0	19,8	22,1	7 100



Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
 83 730 kg Crane Counterweight
 19 960 kg Carbody Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

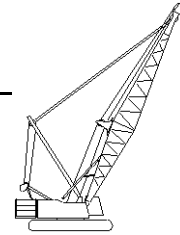


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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
61,0 m			
11,6	80,5	62,6	73 700 *
12,0	80,1	62,5	72 100
13,0	79,1	62,3	65 000
14,0	78,2	62,2	58 500
15,0	77,2	61,9	53 100
16,0	76,3	61,7	48 500
18,0	74,3	61,2	41 200
20,0	72,4	60,6	35 500
22,0	70,4	59,9	31 100
24,0	68,4	59,2	27 500
26,0	66,3	58,3	24 600
28,0	64,3	57,4	22 100
30,0	62,2	56,4	20 000
32,0	60,0	55,3	18 100
34,0	57,8	54,1	16 600
36,0	55,6	52,8	15 100
38,0	53,2	51,3	13 900
40,0	50,9	49,8	12 800
42,0	48,4	48,1	11 800
44,0	45,8	46,2	10 900
46,0	43,1	44,2	10 100
48,0	40,3	41,9	9 300
50,0	37,3	39,4	8 700
52,0	34,1	36,7	8 000
54,0	30,6	33,5	7 400
56,0	26,7	29,8	6 900
58,0	22,1	25,4	6 400

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
64,0 m			
11,6	80,9	65,7	70 200 *
12,0	80,6	65,6	69 500 *
13,0	79,7	65,4	65 200
14,0	78,8	65,3	58 400
15,0	77,8	65,1	53 000
16,0	76,9	64,8	48 300
18,0	75,1	64,3	41 000
20,0	73,2	63,8	35 400
22,0	71,3	63,1	31 000
24,0	69,4	62,4	27 400
26,0	67,5	61,6	24 400
28,0	65,6	60,8	21 900
30,0	63,6	59,8	19 800
32,0	61,6	58,8	18 000
34,0	59,5	57,6	16 400
36,0	57,4	56,4	15 000
38,0	55,3	55,1	13 700
40,0	53,1	53,6	12 600
42,0	50,8	52,1	11 600
44,0	48,4	50,4	10 700
46,0	46,0	48,5	9 900
48,0	43,4	46,5	9 200
50,0	40,8	44,3	8 500
52,0	37,9	41,8	7 800
54,0	34,9	39,1	7 300
56,0	31,7	36,1	6 700
58,0	28,1	32,6	6 200
60,0	24,0	28,5	5 800
62,0	19,1	23,5	5 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
67,1 m			
12,2	80,8	68,7	64 900 *
13,0	80,1	68,6	63 400
14,0	79,3	68,4	58 200
15,0	78,4	68,2	52 700
16,0	77,5	67,9	48 100
18,0	75,8	67,5	40 800
20,0	74,0	66,9	35 200
22,0	72,2	66,3	30 700
24,0	70,4	65,7	27 100
26,0	68,6	64,9	24 200
28,0	66,7	64,1	21 700
30,0	64,9	63,2	19 600
32,0	63,0	62,2	17 800
34,0	61,0	61,2	16 100
36,0	59,1	60,0	14 800
38,0	57,0	58,8	13 500
40,0	55,0	57,4	12 400
42,0	52,9	55,9	11 400
44,0	50,7	54,4	10 500
46,0	48,5	52,7	9 700
48,0	46,1	50,8	9 000
50,0	43,7	48,8	8 300
52,0	41,2	46,6	7 600
54,0	38,5	44,2	7 100
56,0	35,7	41,6	6 500
58,0	32,6	38,6	6 100
60,0	29,3	35,3	5 600
62,0	25,6	31,5	5 100
64,0	21,3	26,8	4 700



Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
 83 730 kg Crane Counterweight
 19 960 kg Carbody Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
70,1 m			
12,8	80,7	71,7	59 700 *
13,0	80,6	71,6	59 600 *
14,0	79,7	71,5	58 000
15,0	78,9	71,3	52 600
16,0	78,1	71,1	47 900
18,0	76,4	70,6	40 600
20,0	74,7	70,1	35 000
22,0	73,0	69,5	30 600
24,0	71,3	68,9	27 000
26,0	69,6	68,2	24 000
28,0	67,8	67,4	21 500
30,0	66,0	66,5	19 400
32,0	64,2	65,6	17 600
34,0	62,4	64,6	15 900
36,0	60,5	63,5	14 500
38,0	58,6	62,3	13 300
40,0	56,7	61,1	12 200
42,0	54,7	59,7	11 200
44,0	52,7	58,2	10 300
46,0	50,6	56,7	9 500
48,0	48,5	55,0	8 700
50,0	46,3	53,1	8 000
52,0	43,9	51,1	7 400
54,0	41,5	49,0	6 800
56,0	39,0	46,6	6 300
58,0	36,3	44,0	5 800
60,0	33,5	41,2	5 300
62,0	30,4	37,9	4 900
64,0	27,0	34,3	4 500
66,0	23,1	30,0	4 100
68,0	18,5	24,7	3 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
73,2 m			
13,4	80,6	74,7	54 400 *
14,0	80,2	74,6	54 300 *
15,0	79,4	74,4	52 600
16,0	78,6	74,2	47 900
18,0	77,0	73,8	40 400
20,0	75,4	73,3	34 800
22,0	73,7	72,7	30 300
24,0	72,1	72,1	26 700
26,0	70,5	71,4	23 800
28,0	68,8	70,7	21 300
30,0	67,1	69,9	19 100
32,0	65,4	69,0	17 300
34,0	63,6	68,0	15 700
36,0	61,9	67,0	14 300
38,0	60,1	65,9	13 100
40,0	58,3	64,7	12 000
42,0	56,4	63,4	11 000
44,0	54,5	62,0	10 100
46,0	52,6	60,6	9 300
48,0	50,6	59,0	8 500
50,0	48,5	57,3	7 800
52,0	46,4	55,4	7 200
54,0	44,2	53,5	6 600
56,0	41,9	51,3	6 100
58,0	39,5	49,0	5 600
60,0	36,9	46,4	5 100
62,0	34,2	43,6	4 700
64,0	31,3	40,5	4 300
66,0	28,2	37,0	3 900
68,0	24,7	33,0	3 500
70,0	20,6	28,2	3 200

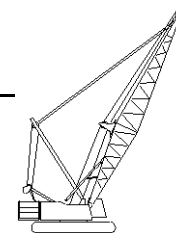
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
76,2 m			
13,4	81,0	77,8	49 500 *
14,0	80,6	77,7	49 400 *
15,0	79,8	77,5	49 100 *
16,0	79,0	77,3	47 500
18,0	77,5	76,9	40 400
20,0	76,0	76,4	34 700
22,0	74,4	75,9	30 200
24,0	72,8	75,3	26 600
26,0	71,3	74,6	23 600
28,0	69,7	73,9	21 100
30,0	68,1	73,2	19 000
32,0	66,4	72,3	17 200
34,0	64,8	71,4	15 600
36,0	63,1	70,4	14 200
38,0	61,4	69,4	12 900
40,0	59,7	68,2	11 800
42,0	57,9	67,0	10 800
44,0	56,1	65,7	9 900
46,0	54,3	64,3	9 100
48,0	52,4	62,9	8 400
50,0	50,5	61,3	7 700
52,0	48,5	59,6	7 100
54,0	46,5	57,7	6 500
56,0	44,4	55,8	6 000
58,0	42,2	53,6	5 500
60,0	39,9	51,3	5 000
62,0	37,5	48,8	4 500
64,0	34,9	46,1	4 200
66,0	32,2	43,1	3 800
68,0	29,3	39,7	3 400
70,0	26,0	35,9	3 100
72,0	22,3	31,5	2 800
74,0	18,0	26,0	2 500



Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
 83 730 kg Crane Counterweight
 19 960 kg Carbody Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements



999 SERIES 2

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
79,2 m			
14,0	80,9	80,7	45 300 *
15,0	80,2	80,6	45 000 *
16,0	79,5	80,4	44 700
18,0	78,0	80,0	40 500
20,0	76,5	79,5	34 400
22,0	75,0	79,0	30 000
24,0	73,5	78,5	26 400
26,0	72,0	77,8	23 500
28,0	70,5	77,2	20 900
30,0	68,9	76,4	18 800
32,0	67,4	75,6	17 000
34,0	65,8	74,8	15 400
36,0	64,2	73,8	14 000
38,0	62,6	72,8	12 700
40,0	61,0	71,8	11 600
42,0	59,3	70,6	10 600
44,0	57,6	69,4	9 700
46,0	55,9	68,1	8 900
48,0	54,1	66,7	8 200
50,0	52,3	65,2	7 500
52,0	50,4	63,6	6 800
54,0	48,5	61,9	6 300
56,0	46,6	60,0	5 700
58,0	44,5	58,1	5 200
60,0	42,4	56,0	4 800
62,0	40,3	53,7	4 400
64,0	38,0	51,2	3 900
66,0	35,6	48,6	3 500
68,0	33,0	45,6	3 200
70,0	30,2	42,4	2 900
72,0	27,2	38,7	2 500
74,0	23,9	34,5	2 200
76,0	20,0	29,6	1 900

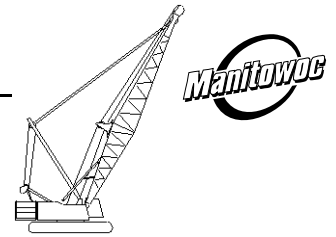
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
82,3 m			
14,6	80,8	83,7	41 400 *
15,0	80,6	83,7	41 300 *
16,0	79,9	83,5	41 000 *
18,0	78,5	83,1	39 400
20,0	77,0	82,7	34 300
22,0	75,6	82,2	29 800
24,0	74,2	81,7	26 200
26,0	72,7	81,1	23 200
28,0	71,2	80,4	20 700
30,0	69,8	79,7	18 600
32,0	68,3	78,9	16 700
34,0	66,8	78,1	15 100
36,0	65,2	77,2	13 700
38,0	63,7	76,2	12 500
40,0	62,1	75,2	11 400
42,0	60,5	74,1	10 400
44,0	58,9	73,0	9 500
46,0	57,3	71,7	8 600
48,0	55,6	70,4	7 900
50,0	53,9	69,0	7 200
52,0	52,2	67,5	6 600
54,0	50,4	65,9	6 000
56,0	48,6	64,2	5 500
58,0	46,7	62,3	5 000
60,0	44,7	60,4	4 500
62,0	42,7	58,3	4 100
64,0	40,6	56,0	3 700
66,0	38,4	53,6	3 300
68,0	36,1	51,0	3 000
70,0	33,7	48,1	2 600
72,0	31,1	45,0	2 300
74,0	28,3	41,5	2 000

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
85,3 m			
15,2	80,8	86,7	37 500 *
16,0	80,2	86,6	37 300 *
18,0	78,9	86,2	36 800 *
20,0	77,5	85,8	34 200
22,0	76,1	85,3	29 600
24,0	74,7	84,8	26 000
26,0	73,3	84,2	23 000
28,0	71,9	83,6	20 500
30,0	70,5	82,9	18 400
32,0	69,1	82,2	16 500
34,0	67,6	81,4	14 900
36,0	66,2	80,6	13 500
38,0	64,7	79,6	12 300
40,0	63,2	78,7	11 100
42,0	61,7	77,6	10 200
44,0	60,2	76,5	9 200
46,0	58,6	75,3	8 500
48,0	57,0	74,1	7 700
50,0	55,4	72,7	7 000
52,0	53,7	71,3	6 400
54,0	52,1	69,8	5 800
56,0	50,3	68,2	5 300
58,0	48,6	66,5	4 800
60,0	46,8	64,6	4 300
62,0	44,9	62,7	3 900
64,0	42,9	60,6	3 500
66,0	40,9	58,4	3 100
68,0	38,8	56,0	2 700
70,0	36,6	53,4	2 400
72,0	34,3	50,6	2 100

Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
 83 730 kg Crane Counterweight
 19 960 kg Carbody Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements



999 SERIES 2

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
88,4 m			
16,8	80,1	89,6	34 100 *
18,0	79,3	89,3	33 800 *
20,0	77,9	88,9	33 000
22,0	76,6	88,5	29 500
24,0	75,3	88,0	25 800
26,0	73,9	87,4	22 800
28,0	72,6	86,8	20 300
30,0	71,2	86,2	18 200
32,0	69,8	85,4	16 300
34,0	68,4	84,7	14 700
36,0	67,0	83,9	13 300
38,0	65,6	83,0	12 100
40,0	64,2	82,1	11 000
42,0	62,7	81,1	10 000
44,0	61,3	80,0	9 100
46,0	59,8	78,9	8 200
48,0	58,3	77,7	7 500
50,0	56,7	76,4	6 800
52,0	55,2	75,0	6 200
54,0	53,6	73,6	5 600
56,0	52,0	72,1	5 100
58,0	50,3	70,5	4 600
60,0	48,6	68,8	4 100
62,0	46,8	66,9	3 700
64,0	45,0	65,0	3 300
66,0	43,2	62,9	2 900
68,0	41,2	60,7	2 500
70,0	39,2	58,4	2 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
91,4 m			
16,8	80,4	92,6	31 400 *
18,0	79,6	92,4	31 100 *
20,0	78,3	92,0	30 100 *
22,0	77,1	91,6	28 600
24,0	75,8	91,1	25 700
26,0	74,5	90,6	22 600
28,0	73,2	90,0	20 100
30,0	71,9	89,4	18 000
32,0	70,5	88,7	16 100
34,0	69,2	88,0	14 500
36,0	67,8	87,2	13 100
38,0	66,5	86,3	11 800
40,0	65,1	85,4	10 800
42,0	63,7	84,5	9 700
44,0	62,3	83,5	8 800
46,0	60,9	82,4	8 100
48,0	59,5	81,2	7 300
50,0	58,0	80,0	6 600
52,0	56,5	78,7	6 000
54,0	55,0	77,4	5 400
56,0	53,4	75,9	4 900
58,0	51,9	74,4	4 400
60,0	50,2	72,8	3 900
62,0	48,6	71,1	3 400
64,0	46,9	69,2	3 100
66,0	45,2	67,3	2 700
68,0	43,4	65,3	2 300
70,0	41,5	63,1	2 000

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
94,5 m			
16,8	80,7	95,7	28 800 *
18,0	80,0	95,5	28 300 *
20,0	78,7	95,1	27 200 *
22,0	77,5	94,7	26 100 *
24,0	76,2	94,3	25 000
26,0	75,0	93,7	22 400
28,0	73,7	93,2	19 900
30,0	72,5	92,6	17 700
32,0	71,2	91,9	15 900
34,0	69,9	91,2	14 300
36,0	68,6	90,4	12 900
38,0	67,3	89,6	11 600
40,0	66,0	88,8	10 500
42,0	64,6	87,9	9 500
44,0	63,3	86,9	8 600
46,0	61,9	85,8	7 800
48,0	60,5	84,8	7 000
50,0	59,1	83,6	6 300
52,0	57,7	82,4	5 700
54,0	56,3	81,1	5 200
56,0	54,8	79,7	4 600
58,0	53,3	78,2	4 100
60,0	51,8	76,7	3 600
62,0	50,2	75,1	3 200
64,0	48,6	73,4	2 800
66,0	47,0	71,6	2 500
68,0	45,3	69,6	2 100