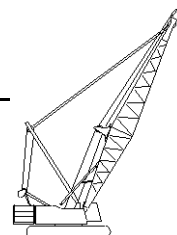




Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
Rating Over End of Blocked Crawlers
No Travel - Limited Swing

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 over end of machine with crawlers blocked. 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. Drive and idler tumblers must be properly blocked so that centerline of tumblers becomes tipping fulcrum. Swing is limited to that sector shown on Operating Range Diagram No. 8224-A. 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, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

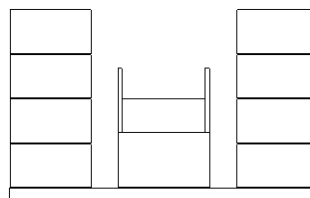
OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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.

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

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.

Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
Rating Over End of Blocked Crawlers
No Travel - Limited Swing

Meets
ANSI B30.5
Requirements



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	99 400 *
11,0	73,6	34,6	90 300 *
12,0	71,8	34,3	82 600 *
13,0	70,0	34,0	76 200 *
14,0	68,2	33,6	70 500 *
15,0	66,3	33,2	65 600 *
16,0	64,4	32,7	61 100
18,0	60,6	31,7	52 400
20,0	56,6	30,5	45 400
22,0	52,4	29,0	39 900
24,0	47,9	27,4	35 500
26,0	43,1	25,4	31 900
28,0	37,8	23,0	28 900
30,0	31,9	20,2	26 300
32,0	24,6	16,5	24 100

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	99 000 *
11,0	75,0	37,8	89 900 *
12,0	73,4	37,5	82 300 *
13,0	71,7	37,2	75 800 *
14,0	70,1	36,9	70 200 *
15,0	68,4	36,5	65 300 *
16,0	66,7	36,1	60 900
18,0	63,2	35,1	52 300
20,0	59,7	34,0	45 200
22,0	56,0	32,8	39 700
24,0	52,1	31,3	35 300
26,0	48,0	29,7	31 700
28,0	43,6	27,7	28 700
30,0	38,9	25,4	26 100
32,0	33,6	22,7	23 900
34,0	27,4	19,3	22 000
36,0	19,5	14,7	19 900

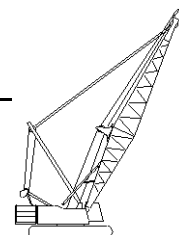
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
39,6 m			
7,9	80,7	41,6	120 400 *
8,0	80,6	41,6	119 800 *
9,0	79,1	41,4	110 000 *
10,0	77,6	41,2	98 600 *
11,0	76,2	41,0	89 600 *
12,0	74,7	40,7	81 900 *
13,0	73,2	40,4	75 400 *
14,0	71,6	40,1	69 800 *
15,0	70,1	39,7	64 900 *
16,0	68,6	39,4	60 500
18,0	65,4	38,5	52 200
20,0	62,2	37,5	45 000
22,0	58,9	36,4	39 600
24,0	55,4	35,1	35 200
26,0	51,9	33,6	31 500
28,0	48,1	32,0	28 500
30,0	44,1	30,0	26 000
32,0	39,7	27,8	23 800
34,0	35,0	25,2	21 800
36,0	29,5	22,0	20 100
38,0	23,0	18,0	18 600



Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
 83 730 kg Crane Counterweight
 19 960 kg Carbody Counterweight
 Rating Over End of Blocked Crawlers
 No Travel - Limited Swing

Meets
 ANSI B30.5
 Requirements



999 SERIES 2

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	98 400 *
11,0	77,2	44,1	89 300 *
12,0	75,8	43,8	81 600 *
13,0	74,4	43,6	75 100 *
14,0	73,0	43,3	69 500 *
15,0	71,6	43,0	64 600 *
16,0	70,2	42,6	60 300
18,0	67,3	41,8	52 100
20,0	64,3	40,9	44 900
22,0	61,3	39,9	39 400
24,0	58,2	38,8	35 000
26,0	55,0	37,4	31 400
28,0	51,7	36,0	28 400
30,0	48,1	34,3	25 800
32,0	44,4	32,3	23 600
34,0	40,4	30,2	21 700
36,0	36,1	27,6	20 000
38,0	31,3	24,6	18 500
40,0	25,6	20,9	17 200
42,0	18,5	16,0	15 600

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	98 500 *
11,0	78,0	47,2	88 900 *
12,0	76,8	47,0	81 200 *
13,0	75,5	46,7	74 800 *
14,0	74,2	46,5	69 100 *
15,0	72,9	46,2	64 300 *
16,0	71,5	45,8	59 900 *
18,0	68,9	45,1	51 800
20,0	66,2	44,3	44 700
22,0	63,4	43,4	39 200
24,0	60,6	42,3	34 800
26,0	57,6	41,1	31 200
28,0	54,6	39,8	28 200
30,0	51,5	38,2	25 600
32,0	48,2	36,6	23 400
34,0	44,7	34,7	21 500
36,0	41,1	32,5	19 800
38,0	37,1	30,0	18 300
40,0	32,7	27,2	17 000
42,0	27,7	23,7	15 800
44,0	21,7	19,4	14 600

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	96 100 *
11,0	78,8	50,3	88 600 *
12,0	77,6	50,1	80 900 *
13,0	76,4	49,9	74 400 *
14,0	75,2	49,6	68 800 *
15,0	74,0	49,3	63 900 *
16,0	72,7	49,0	59 600 *
18,0	70,3	48,4	51 700
20,0	67,7	47,6	44 500
22,0	65,2	46,7	39 000
24,0	62,6	45,8	34 600
26,0	59,9	44,7	31 000
28,0	57,1	43,4	28 000
30,0	54,3	42,1	25 400
32,0	51,3	40,5	23 200
34,0	48,2	38,9	21 300
36,0	45,0	37,0	19 600
38,0	41,6	34,8	18 100
40,0	37,9	32,5	16 800
42,0	33,9	29,7	15 600
44,0	29,4	26,4	14 500
46,0	24,2	22,5	13 500

Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
Rating Over End of Blocked Crawlers
No Travel - Limited Swing

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	88 200 *
12,0	78,3	53,2	80 700 *
13,0	77,2	53,0	74 200 *
14,0	76,1	52,8	68 600 *
15,0	74,9	52,5	63 700 *
16,0	73,8	52,2	59 400 *
18,0	71,5	51,6	51 500
20,0	69,1	50,9	44 400
22,0	66,7	50,1	38 900
24,0	64,3	49,2	34 500
26,0	61,8	48,2	30 900
28,0	59,3	47,0	27 900
30,0	56,7	45,8	25 300
32,0	54,0	44,4	23 100
34,0	51,2	42,9	21 200
36,0	48,3	41,2	19 500
38,0	45,3	39,3	18 000
40,0	42,1	37,2	16 700
42,0	38,6	34,8	15 500
44,0	34,9	32,2	14 400
46,0	30,9	29,1	13 500
48,0	26,2	25,4	12 600
50,0	20,7	20,8	11 500

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	84 500 *
12,0	79,0	56,3	80 600 *
13,0	77,9	56,1	73 900 *
14,0	76,9	55,9	68 300 *
15,0	75,8	55,7	63 400 *
16,0	74,7	55,4	59 100 *
18,0	72,5	54,8	51 300
20,0	70,3	54,1	44 300
22,0	68,1	53,4	38 800
24,0	65,8	52,5	34 300
26,0	63,5	51,6	30 700
28,0	61,1	50,5	27 700
30,0	58,7	49,4	25 100
32,0	56,3	48,1	22 900
34,0	53,7	46,7	21 000
36,0	51,1	45,2	19 300
38,0	48,3	43,5	17 800
40,0	45,5	41,6	16 500
42,0	42,5	39,5	15 300
44,0	39,3	37,2	14 200
46,0	35,8	34,6	13 300
48,0	32,1	31,6	12 400
50,0	27,9	28,2	11 600
52,0	23,1	24,0	10 800 *

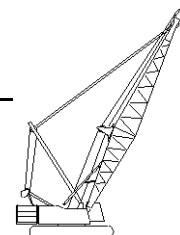
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57,9 m			
11,0	80,6	59,6	78 600 *
12,0	79,6	59,4	76 500 *
13,0	78,6	59,2	73 800 *
14,0	77,6	59,0	67 900 *
15,0	76,5	58,8	63 000 *
16,0	75,5	58,5	58 700 *
18,0	73,5	58,0	51 100
20,0	71,4	57,4	44 100
22,0	69,3	56,7	38 600
24,0	67,2	55,8	34 100
26,0	65,0	55,0	30 500
28,0	62,8	54,0	27 500
30,0	60,5	52,9	24 900
32,0	58,2	51,7	22 700
34,0	55,9	50,4	20 800
36,0	53,5	49,0	19 100
38,0	51,0	47,5	17 600
40,0	48,4	45,8	16 300
42,0	45,7	43,9	15 100
44,0	42,8	41,8	14 000
46,0	39,8	39,6	13 100
48,0	36,6	37,0	12 200
50,0	33,2	34,2	11 400
52,0	29,4	30,9	10 600
54,0	25,0	27,0	9 800
56,0	19,8	22,1	8 700 *



Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
Rating Over End of Blocked Crawlers
No Travel - Limited Swing

Meets
ANSI B30.5
Requirements



999 SERIES 2

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	72 900 *
13,0	79,1	62,3	71 100 *
14,0	78,2	62,2	67 600 *
15,0	77,2	61,9	62 700 *
16,0	76,3	61,7	58 400 *
18,0	74,3	61,2	50 900
20,0	72,4	60,6	43 900
22,0	70,4	59,9	38 400
24,0	68,4	59,2	33 900
26,0	66,3	58,3	30 300
28,0	64,3	57,4	27 300
30,0	62,2	56,4	24 700
32,0	60,0	55,3	22 500
34,0	57,8	54,1	20 600
36,0	55,6	52,8	18 900
38,0	53,2	51,3	17 400
40,0	50,9	49,8	16 100
42,0	48,4	48,1	14 900
44,0	45,8	46,2	13 800
46,0	43,1	44,2	12 900
48,0	40,3	41,9	12 000
50,0	37,3	39,4	11 200
52,0	34,1	36,7	10 400
54,0	30,6	33,5	9 800
56,0	26,7	29,8	9 100
58,0	22,1	25,4	8 100 *

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	67 700 *
14,0	78,8	65,3	66 000 *
15,0	77,8	65,1	62 600 *
16,0	76,9	64,8	58 100 *
18,0	75,1	64,3	50 700
20,0	73,2	63,8	43 800
22,0	71,3	63,1	38 300
24,0	69,4	62,4	33 800
26,0	67,5	61,6	30 200
28,0	65,6	60,8	27 100
30,0	63,6	59,8	24 600
32,0	61,6	58,8	22 400
34,0	59,5	57,6	20 400
36,0	57,4	56,4	18 700
38,0	55,3	55,1	17 300
40,0	53,1	53,6	15 900
42,0	50,8	52,1	14 700
44,0	48,4	50,4	13 700
46,0	46,0	48,5	12 700
48,0	43,4	46,5	11 800
50,0	40,8	44,3	11 000
52,0	37,9	41,8	10 300
54,0	34,9	39,1	9 600
56,0	31,7	36,1	8 900
58,0	28,1	32,6	8 400
60,0	24,0	28,5	7 500 *
62,0	19,1	23,5	6 400 *

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	63 600 *
14,0	79,3	68,4	62 100 *
15,0	78,4	68,2	60 500 *
16,0	77,5	67,9	58 000 *
18,0	75,8	67,5	50 500
20,0	74,0	66,9	43 600
22,0	72,2	66,3	38 000
24,0	70,4	65,7	33 600
26,0	68,6	64,9	30 000
28,0	66,7	64,1	26 900
30,0	64,9	63,2	24 400
32,0	63,0	62,2	22 100
34,0	61,0	61,2	20 200
36,0	59,1	60,0	18 500
38,0	57,0	58,8	17 100
40,0	55,0	57,4	15 700
42,0	52,9	55,9	14 600
44,0	50,7	54,4	13 500
46,0	48,5	52,7	12 500
48,0	46,1	50,8	11 600
50,0	43,7	48,8	10 800
52,0	41,2	46,6	10 100
54,0	38,5	44,2	9 400
56,0	35,7	41,6	8 800
58,0	32,6	38,6	8 200
60,0	29,3	35,3	7 600
62,0	25,6	31,5	6 900 *
64,0	21,3	26,8	5 900 *

Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
Rating Over End of Blocked Crawlers
No Travel - Limited Swing

Meets
ANSI B30.5
Requirements



999 SERIES 2

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	58 700 *
15,0	78,9	71,3	57 300 *
16,0	78,1	71,1	55 800 *
18,0	76,4	70,6	50 500 *
20,0	74,7	70,1	43 400
22,0	73,0	69,5	37 800
24,0	71,3	68,9	33 400
26,0	69,6	68,2	29 800
28,0	67,8	67,4	26 700
30,0	66,0	66,5	24 100
32,0	64,2	65,6	21 900
34,0	62,4	64,6	20 000
36,0	60,5	63,5	18 300
38,0	58,6	62,3	16 800
40,0	56,7	61,1	15 500
42,0	54,7	59,7	14 300
44,0	52,7	58,2	13 200
46,0	50,6	56,7	12 300
48,0	48,5	55,0	11 400
50,0	46,3	53,1	10 600
52,0	43,9	51,1	9 800
54,0	41,5	49,0	9 200
56,0	39,0	46,6	8 500
58,0	36,3	44,0	8 000
60,0	33,5	41,2	7 400
62,0	30,4	37,9	6 900
64,0	27,0	34,3	6 100 *
66,0	23,1	30,0	5 200 *
68,0	18,5	24,7	4 400 *

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	53 900 *
16,0	78,6	74,2	53 100 *
18,0	77,0	73,8	49 700 *
20,0	75,4	73,3	43 200
22,0	73,7	72,7	37 700
24,0	72,1	72,1	33 200
26,0	70,5	71,4	29 600
28,0	68,8	70,7	26 500
30,0	67,1	69,9	23 900
32,0	65,4	69,0	21 700
34,0	63,6	68,0	19 800
36,0	61,9	67,0	18 100
38,0	60,1	65,9	16 600
40,0	58,3	64,7	15 300
42,0	56,4	63,4	14 100
44,0	54,5	62,0	13 000
46,0	52,6	60,6	12 100
48,0	50,6	59,0	11 200
50,0	48,5	57,3	10 400
52,0	46,4	55,4	9 600
54,0	44,2	53,5	8 900
56,0	41,9	51,3	8 300
58,0	39,5	49,0	7 700
60,0	36,9	46,4	7 200
62,0	34,2	43,6	6 700
64,0	31,3	40,5	6 200
66,0	28,2	37,0	5 400 *
68,0	24,7	33,0	4 700 *
70,0	20,6	28,2	3 900 *

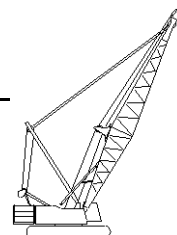
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
76,2 m			
13,4	81,0	77,8	49 500 *
14,0	80,6	77,7	49 400 *
15,0	79,8	77,5	49 100 *
16,0	79,0	77,3	48 700 *
18,0	77,5	76,9	47 200 *
20,0	76,0	76,4	43 200
22,0	74,4	75,9	37 500
24,0	72,8	75,3	33 100
26,0	71,3	74,6	29 500
28,0	69,7	73,9	26 400
30,0	68,1	73,2	23 800
32,0	66,4	72,3	21 600
34,0	64,8	71,4	19 700
36,0	63,1	70,4	18 000
38,0	61,4	69,4	16 500
40,0	59,7	68,2	15 200
42,0	57,9	67,0	14 000
44,0	56,1	65,7	12 900
46,0	54,3	64,3	11 900
48,0	52,4	62,9	11 100
50,0	50,5	61,3	10 200
52,0	48,5	59,6	9 500
54,0	46,5	57,7	8 800
56,0	44,4	55,8	8 200
58,0	42,2	53,6	7 600
60,0	39,9	51,3	7 100
62,0	37,5	48,8	6 500
64,0	34,9	46,1	6 100
66,0	32,2	43,1	5 600
68,0	29,3	39,7	4 900 *
70,0	26,0	35,9	4 200 *
72,0	22,3	31,5	3 400 *
74,0	18,0	26,0	2 700 *



Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
 83 730 kg Crane Counterweight
 19 960 kg Carbody Counterweight
 Rating Over End of Blocked Crawlers
 No Travel - Limited Swing

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	44 100 *
20,0	76,5	79,5	42 300
22,0	75,0	79,0	37 400
24,0	73,5	78,5	32 900
26,0	72,0	77,8	29 200
28,0	70,5	77,2	26 200
30,0	68,9	76,4	23 600
32,0	67,4	75,6	21 400
34,0	65,8	74,8	19 500
36,0	64,2	73,8	17 800
38,0	62,6	72,8	16 300
40,0	61,0	71,8	15 000
42,0	59,3	70,6	13 700
44,0	57,6	69,4	12 700
46,0	55,9	68,1	11 700
48,0	54,1	66,7	10 800
50,0	52,3	65,2	10 000
52,0	50,4	63,6	9 300
54,0	48,5	61,9	8 600
56,0	46,6	60,0	8 000
58,0	44,5	58,1	7 400
60,0	42,4	56,0	6 800
62,0	40,3	53,7	6 300
64,0	38,0	51,2	5 800
66,0	35,6	48,6	5 400
68,0	33,0	45,6	4 900
70,0	30,2	42,4	4 200 *
72,0	27,2	38,7	3 600 *
74,0	23,9	34,5	2 900 *
76,0	20,0	29,6	2 200 *

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	40 400 *
20,0	77,0	82,7	39 800 *
22,0	75,6	82,2	37 500
24,0	74,2	81,7	32 700
26,0	72,7	81,1	29 100
28,0	71,2	80,4	26 000
30,0	69,8	79,7	23 400
32,0	68,3	78,9	21 200
34,0	66,8	78,1	19 200
36,0	65,2	77,2	17 500
38,0	63,7	76,2	16 000
40,0	62,1	75,2	14 700
42,0	60,5	74,1	13 500
44,0	58,9	73,0	12 400
46,0	57,3	71,7	11 500
48,0	55,6	70,4	10 600
50,0	53,9	69,0	9 800
52,0	52,2	67,5	9 000
54,0	50,4	65,9	8 300
56,0	48,6	64,2	7 700
58,0	46,7	62,3	7 100
60,0	44,7	60,4	6 600
62,0	42,7	58,3	6 100
64,0	40,6	56,0	5 600
66,0	38,4	53,6	5 200
68,0	36,1	51,0	4 700
70,0	33,7	48,1	4 200
72,0	31,1	45,0	3 500 *
74,0	28,3	41,5	2 900 *
76,0	25,2	37,5	2 300 *

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	36 200 *
22,0	76,1	85,3	35 000 *
24,0	74,7	84,8	32 500
26,0	73,3	84,2	28 800
28,0	71,9	83,6	25 800
30,0	70,5	82,9	23 200
32,0	69,1	82,2	21 000
34,0	67,6	81,4	19 000
36,0	66,2	80,6	17 300
38,0	64,7	79,6	15 800
40,0	63,2	78,7	14 500
42,0	61,7	77,6	13 300
44,0	60,2	76,5	12 200
46,0	58,6	75,3	11 200
48,0	57,0	74,1	10 400
50,0	55,4	72,7	9 600
52,0	53,7	71,3	8 800
54,0	52,1	69,8	8 100
56,0	50,3	68,2	7 500
58,0	48,6	66,5	6 900
60,0	46,8	64,6	6 400
62,0	44,9	62,7	5 900
64,0	42,9	60,6	5 400
66,0	40,9	58,4	4 900
68,0	38,8	56,0	4 500
70,0	36,6	53,4	4 100
72,0	34,3	50,6	3 500 *
74,0	31,9	47,5	2 900 *
76,0	29,2	44,2	2 300 *

Liftcrane Boom Capacities

Boom No. 22E With Light Tapered Top
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
Rating Over End of Blocked Crawlers
No Travel - Limited Swing

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	33 100 *
22,0	76,6	88,5	31 800 *
24,0	75,3	88,0	30 600 *
26,0	73,9	87,4	28 700
28,0	72,6	86,8	25 600
30,0	71,2	86,2	23 000
32,0	69,8	85,4	20 800
34,0	68,4	84,7	18 800
36,0	67,0	83,9	17 100
38,0	65,6	83,0	15 700
40,0	64,2	82,1	14 300
42,0	62,7	81,1	13 100
44,0	61,3	80,0	12 100
46,0	59,8	78,9	11 100
48,0	58,3	77,7	10 200
50,0	56,7	76,4	9 400
52,0	55,2	75,0	8 600
54,0	53,6	73,6	7 900
56,0	52,0	72,1	7 300
58,0	50,3	70,5	6 700
60,0	48,6	68,8	6 200
62,0	46,8	66,9	5 700
64,0	45,0	65,0	5 200
66,0	43,2	62,9	4 700
68,0	41,2	60,7	4 300
70,0	39,2	58,4	4 000
72,0	37,1	55,8	3 500 *
74,0	34,9	53,1	2 900 *
76,0	32,6	50,1	2 400 *

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	28 900 *
24,0	75,8	91,1	27 800 *
26,0	74,5	90,6	26 800 *
28,0	73,2	90,0	25 600
30,0	71,9	89,4	22 800
32,0	70,5	88,7	20 500
34,0	69,2	88,0	18 600
36,0	67,8	87,2	16 900
38,0	66,5	86,3	15 400
40,0	65,1	85,4	14 100
42,0	63,7	84,5	12 900
44,0	62,3	83,5	11 800
46,0	60,9	82,4	10 800
48,0	59,5	81,2	10 000
50,0	58,0	80,0	9 200
52,0	56,5	78,7	8 400
54,0	55,0	77,4	7 800
56,0	53,4	75,9	7 100
58,0	51,9	74,4	6 500
60,0	50,2	72,8	6 000
62,0	48,6	71,1	5 500
64,0	46,9	69,2	5 000
66,0	45,2	67,3	4 600
68,0	43,4	65,3	4 100
70,0	41,5	63,1	3 700
72,0	39,6	60,7	3 200 *
74,0	37,6	58,2	2 600 *
76,0	35,5	55,5	2 100 *

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	25 100 *
26,0	75,0	93,7	24 200 *
28,0	73,7	93,2	23 300 *
30,0	72,5	92,6	22 300
32,0	71,2	91,9	20 400
34,0	69,9	91,2	18 400
36,0	68,6	90,4	16 700
38,0	67,3	89,6	15 200
40,0	66,0	88,8	13 900
42,0	64,6	87,9	12 700
44,0	63,3	86,9	11 600
46,0	61,9	85,8	10 600
48,0	60,5	84,8	9 700
50,0	59,1	83,6	8 900
52,0	57,7	82,4	8 200
54,0	56,3	81,1	7 500
56,0	54,8	79,7	6 900
58,0	53,3	78,2	6 300
60,0	51,8	76,7	5 700
62,0	50,2	75,1	5 200
64,0	48,6	73,4	4 800
66,0	47,0	71,6	4 300 *
68,0	45,3	69,6	3 600 *
70,0	43,6	67,6	2 900 *
72,0	41,8	65,4	2 300 *