

Liftcrane Boom Capacities

888 SERIES 2

Boom No. 22E With Open Throat Top
81 240 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

European Standards
14 m/s Maximum Wind

LIFTING CAPACITIES: Capacities for various boom lengths and operating radii are for freely suspended loads and are calculated to comply with DIN 15018, ISO 4305 (1.25P + 0.1F), and include factors based on a 4.0 degree tipping angle. Capacities based on structural competence are denoted by an asterisk (*). Capacities are not shown for boom positions which, without load, provide less than required backward stability.

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, etc. beneath boom point sheaves is considered part of main boom load. Reeved hoist line included in boom weight. 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. 176519** and Wire Rope Specification chart **No. 8075-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 may be operated in winds up to 14 m/s provided crane operator judgment is used to allow for wind effect on

lifted load and other considerations noted on capacity chart are followed. A surface area of 1.2m²/t of rated load has been included in capacity determination. Wind will have a considerable effect on load. Loads with a surface area greater than 1.2m²/t of rated load must be compensated for accordingly by reducing load ratings, reducing operating speeds, or by a combination of both. Recommended stopping operation when wind is above 14 m/s and lowering boom to ground when wind is above 22 m/s.

MACHINE TRAVEL: Machine to travel on a firm, level, and uniformly supporting surface and boom within boom angle range shown in capacity chart.

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 extendible 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, 81 240 kg crane counterweight and 19 960 kg carbody counterweight.

Deduct 1 810 kg from capacities
when boom butt is equipped with
auxiliary drum.

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Maximum Boom Lengths Lifted Unassisted Without Auxiliary Drum in Boom Butt			
Over Front of Blocked Crawlers	Over Rear of Blocked Crawlers	Over Side of Extended Crawlers	Over Side of Retracted Crawlers
Boom Length	Boom Length	Boom Length	Boom Length
(a) 88.4m 85.3m	(a) 88.4m (a) 85.3m 82.3m	(a) 79.2m 76.2m	73.2m
Load block, hook and weight ball on ground at start. (a) Upper boom point cannot be used on 88.4m boom and cannot be lifted over rear of blocked crawlers on 85.3m boom or side of extended crawlers on 79.2m boom. Wire rope guide assembly 179061 upper and middle sheaves and shafts or assembly 92671 upper sheave and shaft must be removed on 88.4m boom when lifted over rear of blocked crawlers.			

Maximum Boom Lengths Lifted Unassisted With Auxiliary Drum in Boom Butt			
Over Front of Blocked Crawlers	Over Rear of Blocked Crawlers	Over Side of Extended Crawlers	Over Side of Retracted Crawlers
Boom Length	Boom Length	Boom Length	Boom Length
(a) 85.3m 82.3m	(a) 85.3m 82.3m	76.2m	70.1m
Load block, hook and weight ball on ground at start. (a) Upper boom point cannot be used on 85.3m boom.			

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
21.3m (70 Ft.) BOOM				
4.6	81.8	23.6		208 600 *
5.0	80.6	23.5		191 400 *
5.5	79.3	23.4		175 000 *
6.0	77.9	23.3		161 100 *
7.0	75.1	23.1		138 800 *
8.0	72.3	22.8		121 700 *
9.0	69.5	22.4		108 200 *
10.0	66.6	22.0		97 200 *
11.0	63.6	21.6		86 700
12.0	60.6	21.0		76 200
13.0	57.5	20.4		67 900
14.0	54.2	19.8		61 000
15.0	50.8	19.0		55 400
16.0	47.3	18.1	43 400	50 600
18.0	39.4	16.0	36 800	42 900
20.0	30.0	13.1	31 900	37 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
24.4m (80 Ft.) BOOM				
5.2	81.4	26.6		184 700 *
5.5	80.6	26.5		174 600 *
6.0	79.4	26.4		160 700 *
7.0	77.0	26.2		138 300 *
8.0	74.6	26.0		121 300 *
9.0	72.1	25.7		107 700 *
10.0	69.7	25.3		96 400
11.0	67.1	24.9		85 700
12.0	64.6	24.5		76 100
13.0	61.9	24.0		67 600
14.0	59.2	23.4		60 800
15.0	56.5	22.8	47 000	55 100
16.0	53.6	22.1	42 900	50 300
18.0	47.5	20.4	36 500	42 600
20.0	40.7	18.4	31 500	36 800
22.0	32.9	15.7	27 600	32 200
24.0	22.8	11.9	24 500	28 600

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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
27.4m (90 Ft.) BOOM				
5.5	81.7	29.6		171 400 *
6.0	80.6	29.5		160 600 *
7.0	78.5	29.3		138 000 *
8.0	76.3	29.1		120 800
9.0	74.2	28.9		106 100
10.0	72.0	28.5		93 500
11.0	69.8	28.2		83 400
12.0	67.5	27.8		75 200
13.0	65.3	27.4		67 500
14.0	62.9	26.9	51 500	60 600
15.0	60.6	26.4	46 700	54 900
16.0	58.1	25.8	42 700	50 100
18.0	53.1	24.4	36 200	42 400
20.0	47.7	22.7	31 200	36 500
22.0	41.7	20.7	27 300	31 900
24.0	35.0	18.2	24 100	28 200
26.0	26.8	14.8	21 500	25 200
30.5m (100 Ft.) BOOM				
5.8	82.0	32.6		165 000 *
6.0	81.6	32.6		159 900 *
7.0	79.7	32.4		137 400
8.0	77.7	32.2		118 000
9.0	75.8	32.0		102 800
10.0	73.9	31.7		90 800
11.0	71.9	31.4		81 200
12.0	69.9	31.1		73 300
13.0	67.9	30.7	56 600	66 700
14.0	65.8	30.3	51 200	60 400
15.0	63.8	29.8	46 500	54 600
16.0	61.6	29.3	42 400	49 800
18.0	57.3	28.1	35 900	42 100
20.0	52.7	26.7	30 900	36 200
22.0	47.8	25.0	27 000	31 600
24.0	42.5	23.0	23 800	27 900
26.0	36.6	20.6	21 200	24 900
28.0	29.7	17.6	19 000	22 300
30.0	20.9	13.3	17 200	20 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
33.5m (110 Ft.) BOOM				
6.7	81.1	35.6		140 000
7.0	80.6	35.5		133 600
8.0	78.9	35.4		114 300
9.0	77.1	35.1		99 800
10.0	75.4	34.9		88 400
11.0	73.6	34.6		79 100
12.0	71.8	34.3		71 500
13.0	70.0	34.0	55 300	65 100
14.0	68.2	33.6	50 700	59 700
15.0	66.3	33.2	46 300	54 600
16.0	64.4	32.7	42 200	49 700
18.0	60.6	31.7	35 700	42 000
20.0	56.6	30.4	30 700	36 100
22.0	52.4	29.0	26 800	31 400
24.0	47.9	27.3	23 500	27 700
26.0	43.1	25.4	20 900	24 600
28.0	37.8	23.0	18 700	22 000
30.0	31.9	20.2	16 800	19 900
32.0	24.6	16.4	15 200	18 100
36.6m (120 Ft.) BOOM				
6.7	81.9	38.7		134 800
7.0	81.4	38.6		128 700
8.0	79.8	38.5		110 500
9.0	78.2	38.3		96 800
10.0	76.6	38.0		85 900
11.0	75.0	37.8		77 000
12.0	73.4	37.5	59 100	69 700
13.0	71.7	37.2	53 900	63 500
14.0	70.1	36.8	49 500	58 200
15.0	68.4	36.5	45 600	53 700
16.0	66.7	36.0	42 100	49 500
18.0	63.2	35.1	35 500	41 700
20.0	59.7	34.0	30 400	35 800
22.0	56.0	32.8	26 400	31 100
24.0	52.1	31.3	23 200	27 400
26.0	48.0	29.6	20 600	24 300
28.0	43.6	27.7	18 300	21 700
30.0	38.9	25.4	16 400	19 500
32.0	33.6	22.7	14 800	17 700
34.0	27.4	19.3	13 400	16 100
36.0	19.5	14.7	12 300	14 700



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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
39.6m (130 Ft.) BOOM				
7.3	81.6	41.7		118 300
8.0	80.6	41.6		107 300
9.0	79.1	41.4		94 200
10.0	77.6	41.2		83 800
11.0	76.2	40.9	63 600	75 300
12.0	74.7	40.7	57 800	68 200
13.0	73.2	40.4	52 800	62 200
14.0	71.6	40.1	48 500	57 100
15.0	70.1	39.7	44 800	52 700
16.0	68.6	39.3	41 500	48 800
18.0	65.4	38.5	35 400	41 700
20.0	62.2	37.5	30 400	35 700
22.0	58.9	36.4	26 300	31 000
24.0	55.4	35.1	23 100	27 300
26.0	51.9	33.6	20 500	24 200
28.0	48.1	31.9	18 200	21 600
30.0	44.1	30.0	16 300	19 400
32.0	39.7	27.8	14 700	17 600
34.0	35.0	25.2	13 300	15 900
36.0	29.5	22.0	12 100	14 500
38.0	23.0	17.9	11 000	13 300
42.7m (140 Ft.) BOOM				
7.9	81.4	44.6		105 100
8.0	81.3	44.6		104 100
9.0	79.9	44.5		91 600
10.0	78.5	44.3		81 600
11.0	77.2	44.1	62 100	73 500
12.0	75.8	43.8	56 400	66 600
13.0	74.4	43.6	51 600	60 800
14.0	73.0	43.3	47 400	55 900
15.0	71.6	42.9	43 800	51 500
16.0	70.2	42.6	40 600	47 800
18.0	67.3	41.8	35 100	41 300
20.0	64.3	40.9	30 200	35 500
22.0	61.3	39.9	26 200	30 900
24.0	58.2	38.7	23 000	27 100
26.0	55.0	37.4	20 200	24 000
28.0	51.7	35.9	18 000	21 400
30.0	48.1	34.2	16 100	19 200
32.0	44.4	32.3	14 400	17 300
34.0	40.4	30.1	13 000	15 700
36.0	36.1	27.6	11 800	14 200
38.0	31.3	24.6	10 700	13 000
40.0	25.6	20.9	9 800	11 900
42.0	18.5	16.0	8 900	11 000

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
45.7m (150 Ft.) BOOM				
7.9	82.0	47.7		101 800
8.0	81.9	47.7		100 900
9.0	80.6	47.6		88 900
10.0	79.3	47.4		79 400
11.0	78.0	47.2	60 400	71 500
12.0	76.8	47.0	54 900	64 900
13.0	75.5	46.7	50 200	59 300
14.0	74.2	46.4	46 200	54 500
15.0	72.9	46.1	42 600	50 300
16.0	71.5	45.8	39 500	46 600
18.0	68.9	45.1	34 300	40 500
20.0	66.2	44.3	29 800	35 200
22.0	63.4	43.3	25 800	30 500
24.0	60.6	42.3	22 500	26 700
26.0	57.6	41.1	19 900	23 600
28.0	54.6	39.7	17 600	21 000
30.0	51.5	38.2	15 700	18 800
32.0	48.2	36.5	14 000	16 900
34.0	44.7	34.6	12 600	15 300
36.0	41.1	32.5	11 300	13 800
38.0	37.1	30.0	10 300	12 600
40.0	32.7	27.2	9 300	11 500
42.0	27.7	23.7	8 500	10 500
44.0	21.7	19.4	7 700	9 600
48.8m (160 Ft.) BOOM				
8.5	81.7	50.7		91 500
9.0	81.2	50.7		86 600
10.0	80.0	50.5	65 200	77 400
11.0	78.8	50.3	58 900	69 800
12.0	77.6	50.1	53 600	63 400
13.0	76.4	49.9	49 100	58 000
14.0	75.2	49.6	45 200	53 300
15.0	74.0	49.3	41 700	49 300
16.0	72.7	49.0	38 700	45 700
18.0	70.3	48.4	33 600	39 700
20.0	67.7	47.6	29 400	34 800
22.0	65.2	46.7	25 600	30 400
24.0	62.6	45.7	22 400	26 500
26.0	59.9	44.6	19 700	23 400
28.0	57.1	43.4	17 400	20 800
30.0	54.3	42.1	15 500	18 600
32.0	51.3	40.5	13 800	16 700
34.0	48.2	38.8	12 400	15 000
36.0	45.0	37.0	11 100	13 600
38.0	41.6	34.8	10 000	12 300
40.0	37.9	32.4	9 000	11 200
42.0	33.9	29.7	8 200	10 200
44.0	29.4	26.4	7 400	9 300
46.0	24.2	22.5	6 700	8 600

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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
51.8m (170 Ft.) BOOM				
9.1	81.5	53.7	69 600	82 800
10.0	80.6	53.6	63 500	75 400
11.0	79.5	53.4	57 500	68 100
12.0	78.3	53.2	52 300	61 900
13.0	77.2	53.0	47 900	56 700
14.0	76.1	52.8	44 100	52 200
15.0	74.9	52.5	40 800	48 200
16.0	73.8	52.2	37 800	44 700
18.0	71.5	51.6	32 800	38 800
20.0	69.1	50.9	28 800	34 100
22.0	66.7	50.1	25 300	30 100
24.0	64.3	49.1	22 100	26 300
26.0	61.8	48.1	19 400	23 200
28.0	59.3	47.0	17 200	20 600
30.0	56.7	45.7	15 200	18 300
32.0	54.0	44.4	13 600	16 400
34.0	51.2	42.8	12 100	14 800
36.0	48.3	41.1	10 900	13 400
38.0	45.3	39.3	9 800	12 100
40.0	42.1	37.2	8 800	10 900
42.0	38.6	34.8	7 900	9 900
44.0	34.9	32.1	7 100	9 100
46.0	30.9	29.0	6 400	8 200
48.0	26.2	25.4	5 800	7 500
50.0	20.7	20.8	5 200	6 900
54.9m (180 Ft.) BOOM				
9.1	82.0	56.8	67 800	80 700
10.0	81.1	56.7	61 900	73 500
11.0	80.1	56.5	56 100	66 500
12.0	79.0	56.3	51 200	60 600
13.0	77.9	56.1	46 900	55 500
14.0	76.9	55.9	43 200	51 100
15.0	75.8	55.6	39 900	47 200
16.0	74.7	55.4	37 000	43 800
18.0	72.5	54.8	32 100	38 000
20.0	70.3	54.1	28 100	33 400
22.0	68.1	53.4	24 900	29 600
24.0	65.8	52.5	22 000	26 200
26.0	63.5	51.6	19 300	23 000
28.0	61.1	50.5	17 000	20 400
30.0	58.7	49.4	15 100	18 200
32.0	56.3	48.1	13 400	16 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
54.9m (180 Ft.) BOOM				
34.0	53.7	46.7	12 000	14 600
36.0	51.1	45.1	10 700	13 200
38.0	48.3	43.4	9 500	11 900
40.0	45.5	41.6	8 500	10 700
42.0	42.5	39.5	7 700	9 700
44.0	39.3	37.2	6 900	8 800
46.0	35.8	34.6	6 200	8 000
48.0	32.1	31.6	5 500	7 300
50.0	27.9	28.2	4 900	6 600
52.0	23.1	24.0	4 400	6 000
57.9m (190 Ft.) BOOM				
9.8	81.8	59.8	61 800	73 500
10.0	81.6	59.7	60 300	71 700
11.0	80.6	59.6	54 600	64 900
12.0	79.6	59.4	49 900	59 100
13.0	78.6	59.2	45 700	54 100
14.0	77.6	59.0	42 100	49 800
15.0	76.5	58.8	38 900	46 100
16.0	75.5	58.5	36 100	42 800
18.0	73.5	58.0	31 300	37 100
20.0	71.4	57.3	27 400	32 600
22.0	69.3	56.6	24 100	28 800
24.0	67.2	55.8	21 400	25 700
26.0	65.0	54.9	18 900	22 700
28.0	62.8	54.0	16 600	20 100
30.0	60.5	52.9	14 700	17 800
32.0	58.2	51.7	13 000	15 900
34.0	55.9	50.4	11 600	14 200
36.0	53.5	49.0	10 300	12 800
38.0	51.0	47.4	9 200	11 500
40.0	48.4	45.7	8 200	10 400
42.0	45.7	43.9	7 200	9 300
44.0	42.8	41.8	6 500	8 400
46.0	39.8	39.5	5 800	7 600
48.0	36.6	37.0	5 100	6 900
50.0	33.2	34.1	4 500	6 200
52.0	29.4	30.8	4 000	5 600
54.0	25.0	27.0	3 500	5 100
56.0	19.8	22.1	3 100	4 600

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61.0m (200 Ft.) BOOM				
10.4	81.7	62.8	56 800	67 400
11.0	81.1	62.7	53 400	63 400
12.0	80.1	62.5	48 800	57 800
13.0	79.1	62.3	44 700	53 000
14.0	78.2	62.1	41 200	48 800
15.0	77.2	61.9	38 100	45 200
16.0	76.3	61.7	35 300	41 900
18.0	74.3	61.2	30 600	36 400
20.0	72.4	60.6	26 800	32 000
22.0	70.4	59.9	23 600	28 300
24.0	68.4	59.1	20 900	25 200
26.0	66.3	58.3	18 600	22 600
28.0	64.3	57.4	16 500	19 900
30.0	62.2	56.4	14 600	17 700
32.0	60.0	55.3	12 900	15 800
34.0	57.8	54.0	11 400	14 100
36.0	55.6	52.7	10 100	12 600
38.0	53.2	51.3	9 000	11 300
40.0	50.9	49.7	8 000	10 200
42.0	48.4	48.0	7 100	9 100
44.0	45.8	46.2	6 300	8 200
46.0	43.1	44.1	5 500	7 400
48.0	40.3	41.9	4 900	6 700
50.0	37.3	39.4	4 300	6 000
52.0	34.1	36.6	3 800	5 300
54.0	30.6	33.5	3 200	4 800
56.0	26.7	29.8	2 800	4 300
58.0	22.1	25.4	2 400	3 800
64.0m (210 Ft.) BOOM				
11.0	81.5	65.8	52 200	62 000
12.0	80.6	65.6	47 600	56 500
13.0	79.7	65.4	43 700	51 800
14.0	78.8	65.2	40 200	47 700
15.0	77.8	65.0	37 200	44 200
16.0	76.9	64.8	34 500	41 000
18.0	75.1	64.3	29 900	35 600
20.0	73.2	63.7	26 200	31 300
22.0	71.3	63.1	23 000	27 700
24.0	69.4	62.4	20 400	24 600
26.0	67.5	61.6	18 100	22 000
28.0	65.6	60.7	16 100	19 700
30.0	63.6	59.8	14 300	17 400
32.0	61.6	58.7	12 600	15 500
34.0	59.5	57.6	11 100	13 800
36.0	57.4	56.4	9 900	12 400
38.0	55.3	55.1	8 700	11 100
40.0	53.1	53.6	7 700	9 900
42.0	50.8	52.0	6 800	8 900

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
64.0m (210 Ft.) BOOM				
44.0	48.4	50.3	6 000	8 000
46.0	46.0	48.5	5 200	7 100
48.0	43.4	46.5	4 600	6 400
50.0	40.8	44.3	4 000	5 700
52.0	37.9	41.8	3 400	5 100
54.0	34.9	39.1	3 000	4 500
56.0	31.7	36.1	2 500	4 000
58.0	28.1	32.6	2 100	3 500
60.0	24.0	28.5		3 100
62.0	19.1	23.4		2 800
67.1m (220 Ft.) BOOM				
11.0	81.9	68.8	50 800	60 500
12.0	81.0	68.7	46 400	55 100
13.0	80.1	68.5	42 600	50 500
14.0	79.3	68.3	39 200	46 600
15.0	78.4	68.1	36 200	43 100
16.0	77.5	67.9	33 600	40 000
18.0	75.8	67.5	29 100	34 800
20.0	74.0	66.9	25 400	30 500
22.0	72.2	66.3	22 400	26 900
24.0	70.4	65.6	19 800	23 900
26.0	68.6	64.9	17 500	21 400
28.0	66.7	64.1	15 600	19 100
30.0	64.9	63.2	13 900	17 100
32.0	63.0	62.2	12 300	15 200
34.0	61.0	61.1	10 800	13 500
36.0	59.1	60.0	9 600	12 100
38.0	57.0	58.7	8 400	10 800
40.0	55.0	57.4	7 400	9 600
42.0	52.9	55.9	6 500	8 600
44.0	50.7	54.3	5 700	7 700
46.0	48.5	52.6	4 900	6 800
48.0	46.1	50.8	4 300	6 100
50.0	43.7	48.8	3 700	5 300
52.0	41.2	46.6	3 100	4 700
54.0	38.5	44.2	2 600	4 200
56.0	35.7	41.6	2 200	3 600
58.0	32.6	38.6		3 200
60.0	29.3	35.3		2 700
62.0	25.6	31.4		2 300
64.0	21.3	26.8		2 000

Liftcrane Boom Capacities

888 SERIES 2

Boom No. 22E With Open Throat Top
81 240 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

European Standards
14 m/s Maximum Wind

Capacities based on structural competence
are denoted by an asterisk (*)

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
70.1m (230 Ft.) BOOM				
11.6	81.8	71.8	47 100	56 000
12.0	81.4	71.8	45 400	54 000
13.0	80.6	71.6	41 700	49 600
14.0	79.7	71.4	38 400	45 700
15.0	78.9	71.3	35 500	42 300
16.0	78.1	71.1	32 900	39 300
18.0	76.4	70.6	28 500	34 100
20.0	74.7	70.1	24 900	29 900
22.0	73.0	69.5	21 900	26 400
24.0	71.3	68.9	19 300	23 500
26.0	69.6	68.2	17 100	20 900
28.0	67.8	67.4	15 200	18 700
30.0	66.0	66.5	13 500	16 800
32.0	64.2	65.6	12 100	15 100
34.0	62.4	64.6	10 700	13 400
36.0	60.5	63.5	9 400	11 900
38.0	58.6	62.3	8 300	10 600
40.0	56.7	61.1	7 300	9 400
42.0	54.7	59.7	6 300	8 400
44.0	52.7	58.2	5 500	7 500
46.0	50.6	56.6	4 700	6 600
48.0	48.5	54.9	4 100	5 800
50.0	46.3	53.1	3 500	5 200
52.0	43.9	51.1	2 900	4 500
54.0	41.5	48.9	2 400	3 900
56.0	39.0	46.6	1 900	3 400
58.0	36.3	44.0		2 900
60.0	33.5	41.1		2 500
62.0	30.4	37.9		2 100
73.2m (240 Ft.) BOOM				
12.2	81.6	74.8	43 500	51 800
13.0	81.0	74.7	40 600	48 400
14.0	80.2	74.5	37 500	44 700
15.0	79.4	74.4	34 600	41 300
16.0	78.6	74.2	32 100	38 400
18.0	77.0	73.7	27 800	33 300
20.0	75.4	73.2	24 300	29 200
22.0	73.7	72.7	21 300	25 800
24.0	72.1	72.1	18 800	22 900
26.0	70.5	71.4	16 600	20 400
28.0	68.8	70.7	14 700	18 200
30.0	67.1	69.8	13 000	16 300
32.0	65.4	69.0	11 600	14 600
34.0	63.6	68.0	10 300	13 200
36.0	61.9	67.0	9 100	11 600
38.0	60.1	65.9	8 000	10 300
40.0	58.3	64.7	6 900	9 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
73.2m (240 Ft.) BOOM				
42.0	56.4	63.4	6 000	8 100
44.0	54.5	62.0	5 200	7 200
46.0	52.6	60.5	4 500	6 300
48.0	50.6	59.0	3 800	5 600
50.0	48.5	57.2	3 200	4 900
52.0	46.4	55.4	2 600	4 200
54.0	44.2	53.4	2 100	3 700
56.0	41.9	51.3		3 100
58.0	39.5	49.0		2 600
60.0	36.9	46.4		2 200
76.2m (250 Ft.) BOOM				
12.2	82.0	77.9	42 700	50 300 *
13.0	81.3	77.8	39 800	47 600
14.0	80.6	77.6	36 800	43 800
15.0	79.8	77.5	34 000	40 600
16.0	79.0	77.3	31 500	37 700
18.0	77.5	76.9	27 300	32 800
20.0	76.0	76.4	23 900	28 800
22.0	74.4	75.9	20 900	25 400
24.0	72.8	75.3	18 400	22 500
26.0	71.3	74.6	16 300	20 100
28.0	69.7	73.9	14 500	17 900
30.0	68.1	73.1	12 800	16 100
32.0	66.4	72.3	11 400	14 400
34.0	64.8	71.4	10 100	12 900
36.0	63.1	70.4	8 900	11 600
38.0	61.4	69.4	7 900	10 300
40.0	59.7	68.2	6 900	9 100
42.0	57.9	67.0	6 000	8 100
44.0	56.1	65.7	5 200	7 100
46.0	54.3	64.3	4 400	6 300
48.0	52.4	62.8	3 700	5 500
50.0	50.5	61.3	3 100	4 800
52.0	48.5	59.5	2 500	4 200
54.0	46.5	57.7	2 000	3 600
56.0	44.4	55.7		3 000
58.0	42.2	53.6		2 500
60.0	39.9	51.3		2 000



Liftcrane Boom Capacities

888 SERIES 2

Boom No. 22E With Open Throat Top
81 240 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

European Standards
14 m/s Maximum Wind

Capacities based on structural competence
 are denoted by an asterisk (*)

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
79.2m (260 Ft.) BOOM				
12.8	81.8	80.9	39 500	45 900 *
13.0	81.7	80.9	38 900	45 500
14.0	80.9	80.7	35 800	42 800
15.0	80.2	80.6	33 100	39 700
16.0	79.5	80.4	30 700	36 800
18.0	78.0	80.0	26 600	32 000
20.0	76.5	79.5	23 200	28 000
22.0	75.0	79.0	20 300	24 700
24.0	73.5	78.5	17 900	21 900
26.0	72.0	77.8	15 700	19 500
28.0	70.5	77.2	13 900	17 400
30.0	68.9	76.4	12 300	15 500
32.0	67.4	75.6	10 900	13 900
34.0	65.8	74.7	9 600	12 400
36.0	64.2	73.8	8 500	11 100
38.0	62.6	72.8	7 400	9 900
40.0	61.0	71.7	6 500	8 800
42.0	59.3	70.6	5 600	7 800
44.0	57.6	69.4	4 800	6 800
46.0	55.9	68.1	4 100	6 000
48.0	54.1	66.6	3 400	5 200
50.0	52.3	65.2	2 800	4 500
52.0	50.4	63.6	2 200	3 800
54.0	48.5	61.8	1 600	3 300
56.0	46.6	60.0	1 100	2 700
58.0	44.5	58.1	600	2 200
82.3m (270 Ft.) BOOM				
13.4	81.7	83.9	36 600	41 600 *
14.0	81.3	83.8	34 900	41 200 *
15.0	80.6	83.6	32 300	38 800
16.0	79.9	83.5	29 900	35 900
18.0	78.5	83.1	25 900	31 200
20.0	77.0	82.7	22 500	27 300
22.0	75.6	82.2	19 700	24 100
24.0	74.2	81.6	17 200	21 300
26.0	72.7	81.0	15 200	18 900
28.0	71.2	80.4	13 400	16 800
30.0	69.8	79.7	11 800	15 000
32.0	68.3	78.9	10 300	13 300
34.0	66.8	78.1	9 100	11 900
36.0	65.2	77.2	8 000	10 600
38.0	63.7	76.2	6 900	9 400
40.0	62.1	75.2	6 000	8 400
42.0	60.5	74.1	5 200	7 400
44.0	58.9	72.9	4 400	6 500
46.0	57.3	71.7	3 700	5 600
48.0	55.6	70.4	3 000	4 900
50.0	53.9	69.0	2 400	4 100
52.0	52.2	67.5	1 800	3 500
54.0	50.4	65.9	1 300	2 900
56.0	48.6	64.1	800	2 400

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
85.3m (280 Ft.) BOOM				
13.4	82.0	87.0	35 900	36 500 *
14.0	81.6	86.9	34 200	36 100 *
15.0	80.9	86.7	31 600	35 500 *
16.0	80.2	86.6	29 300	34 600
18.0	78.9	86.2	25 400	30 800
20.0	77.5	85.8	22 100	26 900
22.0	76.1	85.3	19 300	23 600
24.0	74.7	84.8	16 900	20 900
26.0	73.3	84.2	14 900	18 500
28.0	71.9	83.6	13 100	16 500
30.0	70.5	82.9	11 500	14 700
32.0	69.1	82.2	10 100	13 100
34.0	67.6	81.4	8 900	11 600
36.0	66.2	80.5	7 700	10 400
38.0	64.7	79.6	6 700	9 200
40.0	63.2	78.6	5 800	8 200
42.0	61.7	77.6	5 000	7 200
44.0	60.2	76.5	4 200	6 400
46.0	58.6	75.3	3 500	5 600
48.0	57.0	74.0	2 800	4 800
50.0	55.4	72.7	2 300	4 100
52.0	53.7	71.3	1 800	3 400
54.0	52.1	69.8	1 300	2 800
56.0	50.3	68.2	800	2 300
88.4m (290 Ft.) BOOM				
14.0	81.9	90.0	32 800 *	32 800 *
15.0	81.2	89.8	30 900	32 200 *
16.0	80.6	89.7	28 600	31 600 *
18.0	79.3	89.3	24 700	29 800
20.0	77.9	88.9	21 500	26 200
22.0	76.6	88.4	18 700	23 000
24.0	75.3	87.9	16 400	20 300
26.0	73.9	87.4	14 400	18 000
28.0	72.6	86.8	12 600	16 000
30.0	71.2	86.1	11 000	14 200
32.0	69.8	85.4	9 700	12 700
34.0	68.4	84.7	8 400	11 200
36.0	67.0	83.9	7 300	10 000
38.0	65.6	83.0	6 300	8 800
40.0	64.2	82.0	5 400	7 800
42.0	62.7	81.0	4 600	6 800
44.0	61.3	80.0	3 800	6 000
46.0	59.8	78.8	3 100	5 200
48.0	58.3	77.6	2 500	4 500
50.0	56.7	76.4	1 900	3 800
52.0	55.2	75.0	1 400	3 200
54.0	53.6	73.6	1 000	2 600
56.0	52.0	72.1	700	2 000