

Liftcrane Boom Capacities

European
Standards

888 SERIES 1

Boom No. 22EL
65 360 kg Counterweight
360 Degree Rating

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, and NEN 2022 standards and include factors based on 4.5 degree minimum tipping angle. Capacities based on structural competence are denoted by an asterisk (*). Capacities indicated by (b) require 5 670 kg minimum weight. 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 is 13 380 kg or 26 760 kg with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 9 070 kg or 18 140 kg with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

76.2m boom length requires only the middle two sheaves in lower boom point. All other sheaves must be removed from lower boom point.

Weight of jib, all load blocks, hooks, weight ball, slings, etc., beneath boom and jib 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. 177156** or **No. 177353** and Wire Rope Specification chart **No. 7859-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.

WIND CONDITIONS: Machine may be operated within wind limits shown in table 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 a 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. Recommend stopping operation and lowering boom and jib to approximately 70 degree boom angle when wind exceeds those shown in table. Lower boom and jib 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 and 65 360 kg counterweight.

Wind Limits During Operation		
Maximum Wind Velocity	Boom Length	Jib Length
m\s	Meters	Meters
14	21.3 - 76.2	—
10	27.4 - 64.0	9.1 - 24.4
10	67.1	9.1 - 18.3

Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 134
9.1m	1 220 kg
12.2m	1 590 kg
15.2m	1 950 kg
18.3m	2 310 kg
21.3m	2 770 kg
24.4m	3 220 kg

Consult jib chart for jib capacities. Upper boom point cannot be used when jib is attached.

Liftcrane Boom Capacities

European
Standards

888 SERIES 1

Boom No. 22EL
65 360 kg Counterweight
360 Degree Rating

Maximum Boom and Jib Lengths Lifted Unassisted							
Over Front of Blocked Crawlers		Over Rear of Blocked Crawlers		Over Side of Extended Crawlers		Over Side of Retracted Crawlers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length	Jib No. 134
(a) 76.2m	—	(a) 73.2m	—	67.1m	—	61.0m	—
73.2m	—	70.1m	—	64.0m	—	57.9m	9.1m
70.1m	—	67.1m	12.2m	61.0m	12.2m	54.9m	18.3m
67.1m	18.3m	64.0m	21.3m	57.9m	21.3m	51.8m	24.4m
64.0m	24.4m	61.0m	24.4m	54.9m	24.4m		

Load block, hook and weight ball on ground at start. (a) Upper boom point cannot be used on 76.2m boom and cannot be lifted over rear of blocked crawlers on 73.2m 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				
4.9	82.8	23.5		184 200 *b
5.0	82.5	23.5		180 100 *b
5.5	81.1	23.4		163 100 b
6.0	79.7	23.3		145 300 b
7.0	77.0	23.1		118 900 b
8.0	74.2	22.8		100 300
9.0	71.3	22.5		86 400
10.0	68.4	22.1		75 700
11.0	65.5	21.6		67 200
12.0	62.5	21.1		59 500
13.0	59.3	20.5	44 300	52 600
14.0	56.1	19.8	39 600	47 000
15.0	52.7	19.0	35 800	42 400
16.0	49.1	18.1	32 400	38 400
18.0	41.3	16.0	27 200	32 200
20.0	31.9	13.2	23 200	27 500

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	83.0	26.6		166 300 b
5.5	82.2	26.5		154 100 b
6.0	81.0	26.4		138 000 b
7.0	78.6	26.2		113 700 b
8.0	76.2	26.0		96 400
9.0	73.8	25.7		83 300
10.0	71.3	25.3		73 200
11.0	68.8	24.9		65 100
12.0	66.2	24.5		58 400
13.0	63.5	24.0	44 100	52 500
14.0	60.9	23.4	39 500	46 900
15.0	58.1	22.8	35 600	42 200
16.0	55.2	22.1	32 300	38 300
18.0	49.1	20.4	27 000	32 000
20.0	42.4	18.4	22 900	27 200
22.0	34.5	15.7	19 700	23 500
24.0	24.5	11.9	17 200	20 500

Capacities based on structural competence are denoted by an asterisk (*).
Capacities indicated by (b) require 5 670 kg minimum weight.

Liftcrane Boom Capacities

 European
Standards

888 SERIES 1

Boom No. 22EL
65 360 kg Counterweight
360 Degree Rating

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				
5.8	82.5	29.6		137 200 b
6.0	82.0	29.5		131 500 b
7.0	79.9	29.3		109 000 b
8.0	77.8	29.1		92 900
9.0	75.6	28.9		80 600
10.0	73.4	28.6		70 900
11.0	71.2	28.2		63 200
12.0	69.0	27.8	47 700	56 700
13.0	66.7	27.4	43 300	51 400
14.0	64.4	26.9	39 400	46 800
15.0	62.0	26.4	35 500	42 100
16.0	59.6	25.8	32 100	38 200
18.0	54.5	24.4	26 800	31 900
20.0	49.1	22.7	22 800	27 100
22.0	43.2	20.7	19 500	23 300
24.0	36.4	18.2	16 900	20 300
26.0	28.3	14.9	14 900	17 900
30.5m (100 Ft.) Boom				
6.1	82.7	32.6		123 000 b
7.0	80.9	32.5		104 700 b
8.0	79.0	32.3		89 600
9.0	77.1	32.0		78 000
10.0	75.1	31.7		68 800
11.0	73.2	31.4	51 500	61 400
12.0	71.2	31.1	46 400	55 300
13.0	69.2	30.7	42 200	50 100
14.0	67.1	30.3	38 500	45 700
15.0	65.1	29.8	35 300	41 900
16.0	62.9	29.3	32 200	38 300
18.0	58.6	28.1	26 800	31 800
20.0	54.0	26.7	22 700	27 000
22.0	49.1	25.0	19 500	23 200
24.0	43.8	23.1	16 800	20 200
26.0	37.9	20.6	14 700	17 700
28.0	31.0	17.6	12 900	15 600
30.0	22.2	13.4	11 500	14 000

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	82.3	35.6		105 600
7.0	81.8	35.5		100 800
8.0	80.0	35.4		86 400
9.0	78.3	35.2		75 400
10.0	76.5	34.9		66 700
11.0	74.8	34.6	50 000	59 600
12.0	73.0	34.3	45 100	53 700
13.0	71.2	34.0	41 000	48 800
14.0	69.3	33.6	37 400	44 500
15.0	67.5	33.2	34 300	40 800
16.0	65.6	32.7	31 600	37 600
18.0	61.7	31.7	26 700	31 700
20.0	57.7	30.4	22 500	26 800
22.0	53.5	29.0	19 200	23 000
24.0	49.1	27.3	16 600	20 000
26.0	44.3	25.4	14 400	17 500
28.0	39.0	23.0	12 600	15 400
30.0	33.1	20.2	11 100	13 600
32.0	25.8	16.5	9 800	12 200
36.6m (120 Ft.) Boom				
6.7	82.9	38.7		101 300
7.0	82.5	38.6		96 800
8.0	80.9	38.5		83 300
9.0	79.3	38.3		72 900
10.0	77.7	38.0		64 700
11.0	76.1	37.8	48 500	57 800
12.0	74.4	37.5	43 800	52 200
13.0	72.8	37.2	39 800	47 400
14.0	71.1	36.8	36 300	43 300
15.0	69.5	36.5	33 400	39 700
16.0	67.8	36.1	30 700	36 600
18.0	64.3	35.1	26 300	31 300
20.0	60.7	34.0	22 200	26 600
22.0	57.0	32.8	19 000	22 800
24.0	53.2	31.3	16 300	19 700
26.0	49.1	29.6	14 100	17 200
28.0	44.7	27.7	12 400	15 100
30.0	40.0	25.4	10 800	13 400
32.0	34.7	22.7	9 500	11 800
34.0	28.5	19.3	8 400	10 600
36.0	20.6	14.7	7 500	9 500

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

Capacities indicated by (b) require 5 670 kg minimum weight.

Liftcrane Boom Capacities

 European
Standards

888 SERIES 1

Boom No. 22EL
65 360 kg Counterweight
360 Degree Rating

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	82.6	41.7		88 900
8.0	81.6	41.6		80 600
9.0	80.1	41.4		70 800
10.0	78.6	41.2	52 700	62 900
11.0	77.2	40.9	47 300	56 400
12.0	75.7	40.7	42 700	50 900
13.0	74.2	40.4	38 900	46 300
14.0	72.6	40.1	35 500	42 300
15.0	71.1	39.7	32 600	38 900
16.0	69.6	39.4	30 000	35 900
18.0	66.4	38.5	25 800	30 800
20.0	63.2	37.5	22 300	26 600
22.0	59.9	36.4	18 900	22 800
24.0	56.4	35.1	16 300	19 700
26.0	52.8	33.6	14 100	17 200
28.0	49.1	31.9	12 300	15 000
30.0	45.1	30.0	10 700	13 300
32.0	40.7	27.8	9 400	11 700
34.0	36.0	25.2	8 300	10 400
36.0	30.5	22.0	7 300	9 300
38.0	24.0	18.0	6 500	8 300
42.7m (140 Ft.) Boom				
7.9	82.3	44.7		78 600
8.0	82.2	44.6		77 900
9.0	80.8	44.5		68 500
10.0	79.5	44.3	51 000	61 000
11.0	78.1	44.1	45 800	54 700
12.0	76.7	43.8	41 400	49 500
13.0	75.3	43.6	37 700	45 000
14.0	73.9	43.3	34 500	41 200
15.0	72.5	43.0	31 600	37 800
16.0	71.1	42.6	29 200	34 900
18.0	68.2	41.8	25 000	30 000
20.0	65.3	40.9	21 600	26 000
22.0	62.2	39.9	18 700	22 500
24.0	59.1	38.7	16 000	19 400
26.0	55.9	37.4	13 800	16 900
28.0	52.6	35.9	12 000	14 800
30.0	49.1	34.2	10 400	12 900
32.0	45.4	32.3	9 100	11 400
34.0	41.4	30.1	7 900	10 100
36.0	37.0	27.6	6 900	9 000
38.0	32.2	24.6	6 100	8 000
40.0	26.6	20.9	5 400	7 100
42.0	19.4	16.0	4 800	6 400

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	82.8	47.7		76 100
8.0	82.7	47.7		75 400
9.0	81.4	47.6		66 400
10.0	80.2	47.4	49 500	59 200
11.0	78.9	47.2	44 500	53 200
12.0	77.6	47.0	40 300	48 200
13.0	76.3	46.7	36 700	43 900
14.0	75.0	46.4	33 600	40 200
15.0	73.7	46.2	30 900	36 900
16.0	72.4	45.8	28 400	34 000
18.0	69.7	45.1	24 300	29 200
20.0	67.0	44.3	21 000	25 400
22.0	64.3	43.3	18 200	22 200
24.0	61.4	42.3	15 800	19 300
26.0	58.5	41.1	13 600	16 700
28.0	55.5	39.7	11 700	14 500
30.0	52.3	38.2	10 200	12 700
32.0	49.1	36.5	8 800	11 200
34.0	45.6	34.6	7 700	9 900
36.0	41.9	32.5	6 700	8 700
38.0	37.9	30.0	5 800	7 700
40.0	33.6	27.2	5 000	6 800
42.0	28.6	23.7	4 400	6 000
44.0	22.6	19.4	3 800	5 400

Capacities based on structural competence are denoted by an asterisk (*).
 Capacities indicated by (b) require 5 670 kg minimum weight.

Liftcrane Boom Capacities

 European
Standards

888 SERIES 1

Boom No. 22EL
65 360 kg Counterweight
360 Degree Rating

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
48.8m (160 Ft.) Boom				
8.5	82.5	50.7	56 800	68 200
9.0	82.0	50.7	53 800	64 500
10.0	80.8	50.5	48 100	57 600
11.0	79.6	50.3	43 400	51 800
12.0	78.4	50.1	39 300	47 000
13.0	77.2	49.9	35 800	42 800
14.0	76.0	49.6	32 800	39 200
15.0	74.8	49.3	30 100	36 100
16.0	73.5	49.0	27 700	33 200
18.0	71.1	48.4	23 700	28 600
20.0	68.5	47.6	20 500	24 800
22.0	66.0	46.7	17 800	21 700
24.0	63.4	45.7	15 500	19 000
26.0	60.7	44.6	13 500	16 600
28.0	57.9	43.4	11 600	14 400
30.0	55.1	42.1	10 000	12 600
32.0	52.1	40.5	8 700	11 100
34.0	49.1	38.8	7 500	9 700
36.0	45.8	37.0	6 500	8 500
38.0	42.4	34.8	5 600	7 500
40.0	38.7	32.4	4 800	6 600
42.0	34.7	29.7	4 100	5 800
44.0	30.2	26.4	3 500	5 100
46.0	25.0	22.5	3 000	4 500
48.0	18.5	17.3	2 500	4 000

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				
8.5	83.0	53.8	55 000	66 100
9.0	82.5	53.7	52 200	62 600
10.0	81.3	53.6	46 700	55 900
11.0	80.2	53.4	42 100	50 400
12.0	79.1	53.2	38 200	45 700
13.0	78.0	53.0	34 800	41 700
14.0	76.8	52.8	31 900	38 200
15.0	75.7	52.5	29 300	35 100
16.0	74.5	52.2	27 000	32 400
18.0	72.2	51.6	23 100	27 800
20.0	69.9	50.9	19 900	24 100
22.0	67.5	50.1	17 200	21 100
24.0	65.1	49.2	15 000	18 500
26.0	62.6	48.1	13 100	16 300
28.0	60.0	47.0	11 400	14 200
30.0	57.4	45.8	9 800	12 400
32.0	54.7	44.4	8 500	10 800
34.0	52.0	42.8	7 300	9 400
36.0	49.1	41.1	6 200	8 300
38.0	46.0	39.3	5 300	7 300
40.0	42.8	37.2	4 600	6 300
42.0	39.4	34.8	3 800	5 500
44.0	35.7	32.1	3 200	4 800
46.0	31.6	29.1	2 700	4 200
48.0	27.0	25.4	2 200	3 600
50.0	21.5	20.8	1 800	3 200

Capacities based on structural competence are denoted by an asterisk (*).
 Capacities indicated by (b) require 5 670 kg minimum weight.

Liftcrane Boom Capacities

 European
Standards

888 SERIES 1

Boom No. 22EL
65 360 kg Counterweight
360 Degree Rating

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				
9.1	82.7	56.8	49 800	59 800
10.0	81.8	56.7	45 400	54 400
11.0	80.8	56.5	41 000	49 100
12.0	79.7	56.3	37 300	44 600
13.0	78.6	56.1	34 000	40 700
14.0	77.6	55.9	31 100	37 300
15.0	76.5	55.6	28 600	34 300
16.0	75.4	55.4	26 300	31 700
18.0	73.2	54.8	22 500	27 200
20.0	71.0	54.1	19 400	23 600
22.0	68.8	53.4	16 800	20 600
24.0	66.5	52.5	14 600	18 100
26.0	64.2	51.6	12 800	16 000
28.0	61.9	50.5	11 200	14 100
30.0	59.5	49.4	9 700	12 300
32.0	57.0	48.1	8 300	10 700
34.0	54.4	46.7	7 200	9 400
36.0	51.8	45.1	6 100	8 200
38.0	49.0	43.4	5 200	7 100
40.0	46.2	41.6	4 400	6 200
42.0	43.2	39.5	3 700	5 400
44.0	40.0	37.2	3 000	4 600
46.0	36.6	34.6	2 500	4 000
48.0	32.8	31.6	1 900	3 400
50.0	28.6	28.2	2 900	2 900
52.0	23.8	24.0		2 500

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
57.9m (190 Ft.) Boom				
9.8	82.5	59.8	45 200	54 200
10.0	82.3	59.8	44 100	52 800
11.0	81.3	59.6	39 800	47 700
12.0	80.3	59.4	36 100	43 300
13.0	79.2	59.2	32 900	39 600
14.0	78.2	59.0	30 100	36 300
15.0	77.2	58.8	27 700	33 300
16.0	76.2	58.5	25 500	30 800
18.0	74.2	58.0	21 800	26 400
20.0	72.1	57.3	18 700	22 900
22.0	70.0	56.6	16 200	19 900
24.0	67.8	55.8	14 000	17 400
26.0	65.7	54.9	12 200	15 300
28.0	63.5	54.0	10 600	13 500
30.0	61.2	52.9	9 200	11 900
32.0	58.9	51.7	7 900	10 400
34.0	56.6	50.4	6 800	9 000
36.0	54.1	49.0	5 800	7 800
38.0	51.6	47.4	4 800	6 800
40.0	49.0	45.7	4 000	5 800
42.0	46.3	43.9	3 300	5 000
44.0	43.5	41.8	2 600	4 200
46.0	40.5	39.6		3 600
48.0	37.3	37.0		3 000
50.0	33.9	34.2		2 500

Capacities based on structural competence are denoted by an asterisk (*).
 Capacities indicated by (b) require 5 670 kg minimum weight.

Liftcrane Boom Capacities

 European
Standards

888 SERIES 1

Boom No. 22EL
65 360 kg Counterweight
360 Degree Rating

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
61.0m (200 Ft.) Boom				
9.8	82.9	62.9	44 000	52 800
10.0	82.7	62.8	42 900	51 500
11.0	81.7	62.7	38 800	46 500
12.0	80.7	62.5	35 200	42 300
13.0	79.8	62.3	32 100	38 600
14.0	78.8	62.1	29 400	35 400
15.0	77.9	61.9	27 000	32 600
16.0	76.9	61.7	24 900	30 100
18.0	75.0	61.2	21 200	25 900
20.0	73.0	60.6	18 300	22 400
22.0	71.0	59.9	15 800	19 500
24.0	69.0	59.1	13 700	17 100
26.0	67.0	58.3	11 800	15 000
28.0	64.9	57.4	10 300	13 200
30.0	62.8	56.4	8 900	11 600
32.0	60.7	55.3	7 700	10 200
34.0	58.5	54.1	6 600	8 900
36.0	56.2	52.7	5 600	7 700
38.0	53.9	51.3	4 700	6 700
40.0	51.5	49.7	3 900	5 700
42.0	49.0	48.0	3 200	4 900
44.0	46.5	46.2	2 500	4 100
46.0	43.8	44.2		3 400
48.0	41.0	41.9		2 900
50.0	38.0	39.4		2 300

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				
10.4	82.7	65.9	40 100	48 200
11.0	82.1	65.8	37 600	45 200
12.0	81.2	65.6	34 200	41 100
13.0	80.3	65.4	31 200	37 600
14.0	79.4	65.2	28 600	34 500
15.0	78.5	65.0	26 200	31 800
16.0	77.5	64.8	24 100	29 300
18.0	75.7	64.3	20 600	25 100
20.0	73.8	63.7	17 700	21 700
22.0	72.0	63.1	15 200	18 900
24.0	70.1	62.4	13 100	16 500
26.0	68.1	61.6	11 300	14 500
28.0	66.2	60.7	9 800	12 700
30.0	64.2	59.8	8 500	11 100
32.0	62.2	58.8	7 300	9 800
34.0	60.1	57.6	6 200	8 600
36.0	58.0	56.4	5 200	7 500
38.0	55.9	55.1	4 400	6 400
40.0	53.7	53.6	3 600	5 500
42.0	51.4	52.0	2 900	4 600
44.0	49.0	50.3	2 200	3 900
46.0	46.6	48.5		3 200
48.0	44.1	46.5		2 600
50.0	41.4	44.3		2 000

Capacities based on structural competence are denoted by an asterisk (*).
 Capacities indicated by (b) require 5 670 kg minimum weight.

Liftcrane Boom Capacities

 European
Standards

888 SERIES 1

Boom No. 22EL
65 360 kg Counterweight
360 Degree Rating

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
67.1m (220 Ft.) Boom				
10.4	83.0	68.9	39 100	47 000
11.0	82.5	68.8	36 700	44 100
12.0	81.6	68.7	33 400	40 200
13.0	80.7	68.5	30 500	36 800
14.0	79.9	68.3	27 900	33 800
15.0	79.0	68.2	25 700	31 100
16.0	78.1	67.9	23 600	28 700
18.0	76.4	67.5	20 200	24 600
20.0	74.6	66.9	17 300	21 300
22.0	72.8	66.3	14 900	18 500
24.0	71.0	65.6	12 800	16 200
26.0	69.2	64.9	11 100	14 200
28.0	67.3	64.1	9 600	12 400
30.0	65.5	63.2	8 200	10 900
32.0	63.6	62.2	7 000	9 500
34.0	61.6	61.1	6 000	8 300
36.0	59.6	60.0	5 000	7 200
38.0	57.6	58.7	4 200	6 300
40.0	55.6	57.4	3 400	5 400
42.0	53.5	55.9	2 700	4 500
44.0	51.3	54.4	2 100	3 800
46.0	49.0	52.6		3 100
48.0	46.7	50.8		2 500
50.0	44.3	48.8		1 900

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				
11.0	82.8	71.9	35 700	43 000
12.0	82.0	71.8	32 400	39 000
13.0	81.1	71.6	29 500	35 700
14.0	80.3	71.4	27 100	32 800
15.0	79.5	71.3	24 800	30 200
16.0	78.6	71.1	22 900	27 900
18.0	77.0	70.6	19 400	23 900
20.0	75.3	70.1	16 600	20 600
22.0	73.6	69.5	14 300	17 900
24.0	71.9	68.9	12 300	15 600
26.0	70.1	68.2	10 500	13 600
28.0	68.4	67.4	9 000	11 800
30.0	66.6	66.5	7 700	10 300
32.0	64.8	65.6	6 500	9 000
34.0	63.0	64.6	5 500	7 800
36.0	61.1	63.5	4 500	6 700
38.0	59.2	62.3	3 700	5 800
40.0	57.3	61.1	2 900	4 900
42.0	55.3	59.7	2 300	4 100
44.0	53.3	58.2		3 400
46.0	51.2	56.7		2 800
48.0	49.0	54.9		2 100

Capacities based on structural competence are denoted by an asterisk (*).
 Capacities indicated by (b) require 5 670 kg minimum weight.

Liftcrane Boom Capacities

 European
Standards

888 SERIES 1

Boom No. 22EL
65 360 kg Counterweight
360 Degree Rating

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				
11.6	82.6	74.9	32 600	39 400
12.0	82.3	74.9	31 400	38 000
13.0	81.5	74.7	28 600	34 700
14.0	80.7	74.5	26 200	31 800
15.0	79.9	74.4	24 000	29 300
16.0	79.1	74.2	22 100	27 000
18.0	77.5	73.7	18 700	23 100
20.0	75.9	73.2	16 000	19 900
22.0	74.3	72.7	13 700	17 200
24.0	72.6	72.1	11 700	15 000
26.0	71.0	71.4	10 000	13 000
28.0	69.3	70.7	8 500	11 300
30.0	67.6	69.8	7 200	9 800
32.0	65.9	69.0	6 000	8 500
34.0	64.2	68.0	5 000	7 300
36.0	62.4	67.0	4 100	6 300
38.0	60.6	65.9	3 300	5 300
40.0	58.8	64.7	2 500	4 500
42.0	56.9	63.4		3 700
44.0	55.0	62.0		3 000
46.0	53.1	60.5		2 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
76.2m (250 Ft.) Boom				
11.6	82.9	78.0	32 300	39 000
12.0	82.6	77.9	31 100	37 600
13.0	81.9	77.8	28 500	34 400
14.0	81.1	77.6	26 100	31 700
15.0	80.3	77.5	24 000	29 200
16.0	79.6	77.3	22 100	27 000
18.0	78.0	76.9	18 900	23 200
20.0	76.5	76.4	16 100	20 000
22.0	74.9	75.9	13 900	17 400
24.0	73.4	75.3	11 900	15 200
26.0	71.8	74.6	10 300	13 200
28.0	70.2	73.9	8 800	11 600
30.0	68.6	73.1	7 500	10 100
32.0	66.9	72.3	6 300	8 800
34.0	65.3	71.4	5 300	7 600
36.0	63.6	70.4	4 400	6 600
38.0	61.9	69.4	3 600	5 600
40.0	60.2	68.2	2 800	4 800
42.0	58.4	67.0	2 200	4 000
44.0	56.6	65.7		3 300
46.0	54.8	64.3		2 700
48.0	52.9	62.8		2 000

Capacities based on structural competence are denoted by an asterisk (*).
 Capacities indicated by (b) require 5 670 kg minimum weight.