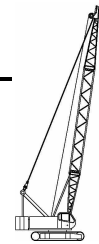




Liftcrane Boom Capacities

28 800 kg Crane Counterweight
6 700 kg Carbody Counterweight (S/N 10001001 thru 10001037)
7 300 kg Carbody Counterweight (S/N 10001038 and greater)
Extended Position Crawlers
360 Degree Rating

Meets
ANSI B30.5
Requirements



10000 SERIES 3

LIFTING CAPACITIES:

- Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or derate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, and multiple machine lifts).
- Capacities do not exceed 75% of minimum tipping loads. Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
- Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
- Do not attempt to lift where no radius on load chart is listed as crane may tip or collapse.
- Weight of hooks, hook blocks, slings and other lifting devices beneath boom and jib point sheaves are part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.
- Load radius is horizontal distance from axis of rotation to center of gravity of the freely suspended load. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of radius. In all cases, operating radius shall govern capacity.
- Least stable position is over the side.
- Boom point elevation is vertical distance from ground level to centerline of boom point shaft.
- Auxiliary sheave (upper boom point) capacity for liftcrane service with single part line is 10 900 kg. In all cases, auxiliary sheave (upper boom point) capacities cannot exceed those listed for Liftcrane Boom capacity reduced by 200 kg.
- When lifting over boom point with jib or auxiliary sheave (upper point), rated loads for the boom must be reduced as shown below.

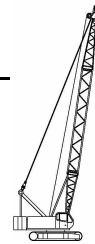
Jib length (m)	Aux.	9,1	12,2	15,2	18,3
Deduct (kg)	200	1 100	1 500	2 000	2 400
- Lifting capacities listed apply only to the machine as originally manufactured and designed. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.
- Machine travel with load (pick and carry).
 - Travel with crane upperworks in-line with crawlers. Grade in any direction must not exceed 1 percent (0.5 degrees).
 - Travel surface must be firm, level and uniformly supporting. Capacity charts are based on static conditions; therefore judgment must be used to allow for dynamic effects of traveling with load. Carry load as close to ground as possible. Stabilize load with taglines. Travel slowly and smoothly to avoid shock loading boom, jib and rigging.
- Consult jib chart for liftcrane jib capacities.



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10000 SERIES 3

OPERATING CONDITION:

- The machine must be reeved and set-up as stated in the Operators Manual. If this manual is missing, obtain replacement.

- Boom backstops are required for all boom lengths.
- Gantry must be fully raised position for all operation.
- Crawlers must be fully extended and be locked in position.
- The crane must be leveled to within 1% on a firm supporting surface.
- Refer to operators manual for operating guidelines.

- The total load that can be lifted over a jib is limited by the rated jib loads.

Maximum Boom and Jib Lengths Lifted Unassisted			
Over End of Blocked Crawlers		Over End of Crawlers	
Boom Length	Jib Length	Boom Length	Jib Length
61,0 m (a)	—	61,0 m (a)	—
57,9 m	18,3 m	57,9 m	—
54,9 m	18,3 m	51,8 m	18,3 m
Load block, hook and weight ball on ground at start.			
(a) Auxiliary sheave (upper point) cannot be attached on 61,0 m boom.			
Jibs can only be mounted on 24,4 m to 57,9 m booms.			

- For Serial Numbers 10001001 thru 10001037:** Machine equipped with 6,299 m crawlers, 914 mm treads, 12 parts of boom hoist reeving, 28 800 kg crane counterweight and two 3 350 kg carbody counterweights.

For all other Serial Numbers: Machine equipped with 6,299 m crawlers, 914 mm treads, 12 parts of boom hoist reeving, 28 800 kg crane counterweight and two 3 650 kg carbody counterweights.

Hoist Reeving for Main Boom Loads

No. of Parts of Line	1	2	3	4
Maximum Loads (kg)	11 300	22 600	33 900	45 200

No. of Parts of Line	5	6	7	8
Maximum Loads (kg)	56 500	67 800	79 100	90 400

Operation of this equipment in excess of rated loads or disregard of instruction voids the warranty.

- For Serial Numbers 10001001 thru 10001037:** Front and rear load hoist drum wire rope: 25 mm, 6 x 25, FI, IWRC, C/O, Minimum breaking strength: 46 900 kg. Front Drum: 235 m, Rear Drum: 160 m.

For all other Serial Numbers: Front and rear load hoist drum wire rope: 26 mm, 6 x 29, FI, IWRC, C/O, Minimum breaking strength: 54 400 kg. Front Drum: 235 m, Rear Drum: 160 m.

- Boom hoist wire rope: 150 m, 16 mm, 6 x 31, WS, IWRC O/O, Minimum breaking strength: 21 400 kg.



Liftcrane Boom Capacities

28 800 kg Crane Counterweight
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360 Degree Rating

Meets
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Requirements



10000 SERIES 3

Load Radius (m)	Boom Angle (deg)	Boom Point Elev. (m)	360° Rated Load (kg)
12,2 m Boom			
3,1	81,90	13,81	90 000 *
3,5	79,75	13,73	87 500 *
4,0	77,35	13,61	77 400 *
4,5	74,91	13,48	69 200 *
5,0	72,45	13,32	62 500 *
5,5	69,95	13,14	57 200 *
6,0	67,41	12,94	51 500 *
7,0	62,17	12,44	41 700 *
8,0	56,64	11,82	34 400 *
9,0	50,72	11,06	28 900 *
10,0	44,23	10,11	24 300 *
12,0	27,74	7,24	16 600 *
12,1	25,70	6,84	15 900 *
15,2 m Boom			
3,7	81,20	16,80	83 900 *
4,0	79,92	16,73	77 300 *
4,5	77,99	16,63	69 100 *
5,0	76,06	16,50	62 400 *
5,5	74,10	16,36	56 900 *
6,0	72,13	16,20	51 600 *
7,0	68,11	15,82	42 300 *
8,0	63,97	15,36	34 800 *
9,0	59,66	14,80	29 500 *
10,0	55,16	14,14	25 600 *
12,0	45,23	12,42	20 100 *
14,0	33,07	9,89	15 300 *
15,0	25,11	8,02	12 300 *
15,2	22,80	7,46	12 200 *
18,3 m Boom			
4,0	81,70	19,83	77 200 *
4,5	80,02	19,74	69 000 *
5,0	78,42	19,64	62 300 *
5,5	76,82	19,52	56 200 *
6,0	75,20	19,39	50 500 *
7,0	71,92	19,08	41 800 *
8,0	68,57	18,71	34 700 *
9,0	65,15	18,27	29 400 *
10,0	61,62	17,75	25 500 *
12,0	54,15	16,46	20 000 *
14,0	45,88	14,74	16 400 *
16,0	36,18	12,38	13 500 *
18,0	25,26	8,76	10 200 *
18,2	20,70	8,04	9 700 *

Load Radius (m)	Boom Angle (deg)	Boom Point Elev. (m)	360° Rated Load (kg)
21,3 m Boom			
4,6	81,30	22,82	67 600 *
5,0	80,10	22,75	62 100 *
5,5	78,73	22,65	55 400 *
6,0	77,35	22,54	49 800 *
7,0	74,58	22,28	41 400 *
8,0	71,76	21,96	34 700 *
9,0	68,90	21,59	29 400 *
10,0	65,98	21,16	25 400 *
12,0	59,91	20,11	19 900 *
14,0	53,43	18,77	16 300 *
16,0	46,34	17,04	13 800 *
18,0	38,25	14,80	11 800 *
19,8	29,40	12,03	9 900 *
24,4 m Boom			
4,9	81,60	25,86	62 800 *
5,0	81,35	25,84	60 900 *
5,5	80,16	25,75	53 900 *
6,0	78,96	25,66	48 400 *
7,0	76,55	25,43	40 300 *
8,0	74,12	25,16	34 300 *
9,0	71,65	24,84	29 200 *
10,0	69,15	24,47	25 300 *
12,0	64,00	23,58	19 800 *
14,0	58,61	22,46	16 200 *
16,0	52,89	21,07	13 600 *
18,0	46,68	19,35	11 600 *
20,0	40,70	17,18	10 100 *
22,0	32,73	14,33	8 800 *
22,8	27,40	12,78	8 000 *
27,4 m Boom			
5,2	81,90	28,90	56 900 *
5,5	81,26	28,85	53 200 *
6,0	80,20	28,76	47 700 *
7,0	78,07	28,56	39 600 *
8,0	75,92	28,32	33 800 *
9,0	73,75	28,04	29 200 *
10,0	71,56	27,72	25 200 *
12,0	67,08	26,94	19 700 *
14,0	62,44	25,98	16 100 *
16,0	57,59	24,80	13 500 *
18,0	52,46	23,38	11 600 *
20,0	47,69	21,65	10 000 *
22,0	41,70	19,54	8 900 *
24,0	34,88	16,87	7 900 *
25,8	25,80	13,50	6 700 *

Load Radius (m)	Boom Angle (deg)	Boom Point Elev. (m)	360° Rated Load (kg)
30,5 m Boom			
5,9	81,70	31,89	48 600 *
6,0	81,60	31,85	46 600 *
7,0	79,58	31,67	38 600 *
8,0	77,65	31,46	32 900 *
9,0	75,69	31,21	28 800 *
10,0	73,72	30,92	25 100 *
12,0	69,71	30,24	19 600 *
14,0	65,59	29,39	16 000 *
16,0	61,33	28,36	13 400 *
18,0	56,88	27,14	11 400 *
20,0	52,19	25,68	9 900 *
22,0	47,17	23,96	8 700 *
24,0	41,69	21,89	7 700 *
26,0	35,53	19,35	6 900 *
28,0	28,22	16,10	6 100 *
28,8	24,40	14,73	5 500 *
33,5 m Boom			
6,3	81,80	34,93	45 400 *
7,0	80,55	34,78	38 400 *
8,0	78,80	34,58	32 600 *
9,0	77,03	34,35	28 500 *
10,0	75,25	34,10	25 100 *
12,0	71,65	33,48	19 600 *
14,0	67,96	32,72	16 000 *
16,0	64,18	31,81	13 400 *
18,0	60,26	30,73	11 400 *
20,0	56,18	29,64	9 900 *
22,0	51,90	27,99	8 700 *
24,0	47,34	26,26	7 700 *
26,0	42,41	24,22	6 900 *
28,0	36,95	21,78	6 300 *
30,0	30,66	18,77	5 600 *
31,9	23,20	14,78	4 600 *



Liftcrane Boom Capacities

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Extended Position Crawlers
360 Degree Rating

Meets
ANSI B30.5
Requirements



10000 SERIES 3

Load Radius (m)	Boom Angle (deg)	Boom Point Elev. (m)	360° Rated Load (kg)
36,6 m Boom			
6,9	81,60	37,92	39 400 *
7,0	81,35	37,87	37 600 *
8,0	79,75	37,69	31 900 *
9,0	78,14	37,48	27 800 *
10,0	76,52	37,25	24 700 *
12,0	73,24	36,68	19 500
14,0	69,90	36,00	15 800
16,0	66,49	35,17	13 200
18,0	62,99	34,21	11 300
20,0	59,37	33,09	9 700
22,0	55,60	31,79	8 600
24,0	51,66	30,29	7 600
26,0	47,48	28,56	6 800
28,0	43,00	26,55	6 100
30,0	38,09	24,52	5 600
32,0	32,56	21,75	5 100
34,0	26,00	18,28	4 300 *
34,9	22,20	16,01	3 800 *
39,6 m Boom			
7,5	81,30	40,91	32 500 *
8,0	79,07	40,79	31 800 *
9,0	77,58	40,60	27 700 *
10,0	74,57	40,38	24 500
12,0	71,52	39,87	19 400
14,0	68,41	39,24	15 800
16,0	65,24	38,49	13 200
18,0	61,97	37,61	11 200
20,0	58,60	36,60	9 700
22,0	55,11	35,43	8 500
24,0	51,45	34,11	7 500
26,0	47,60	32,59	6 700
28,0	43,49	30,86	6 100
30,0	39,03	28,88	5 500
32,0	34,09	26,58	5 000
34,0	28,40	23,85	4 500 *
36,0	21,35	20,53	3 900 *
38,0	21,30	16,21	3 200 *

Load Radius (m)	Boom Angle (deg)	Boom Point Elev. (m)	360° Rated Load (kg)
42,7 m Boom			
7,6	81,90	43,99	27 900 *
8,0	81,01	43,88	27 500 *
9,0	79,65	43,71	26 700 *
10,0	78,28	43,50	24 000 *
12,0	75,52	43,03	19 300
14,0	72,72	42,45	15 700
16,0	69,88	41,76	13 100
18,0	66,98	40,95	11 100
20,0	64,03	40,03	9 500
22,0	60,99	38,97	8 400
24,0	57,86	37,78	7 400
26,0	54,62	36,42	6 600
28,0	51,24	34,90	5 900
30,0	47,69	33,17	5 300
32,0	43,92	31,20	4 900
34,0	39,87	28,95	4 400
36,0	35,44	26,32	4 000
38,0	30,46	23,20	3 500 *
40,0	24,59	19,31	2 900 *
41,0	20,50	16,53	2 500 *
45,7 m Boom			
8,2	81,70	46,97	23 800 *
9,0	80,59	46,80	23 200 *
10,0	79,31	46,62	22 600 *
12,0	76,75	46,17	19 000 *
14,0	74,16	45,63	15 600
16,0	71,53	44,99	13 000
18,0	68,86	44,25	11 000
20,0	66,14	43,40	9 500
22,0	63,37	42,43	8 300
24,0	60,52	41,34	7 300
26,0	57,59	40,12	6 500
28,0	54,56	38,74	5 900
30,0	51,41	37,20	5 300
32,0	48,11	35,47	4 800
34,0	44,63	33,52	4 300
36,0	40,93	31,31	3 900
38,0	36,91	28,77	3 600
40,0	32,48	25,79	3 200 *
42,0	27,42	22,20	2 700 *
42,8	24,90	20,80	2 500 *

Load Radius (m)	Boom Angle (deg)	Boom Point Elev. (m)	360° Rated Load (kg)
48,8 m Boom			
8,8	81,50	49,97	19 900 *
9,0	81,18	49,89	19 700 *
10,0	79,99	49,72	19 200 *
12,0	77,59	49,30	18 300 *
14,0	75,17	48,80	15 600
16,0	72,72	48,21	13 000
18,0	70,24	47,52	11 000
20,0	67,72	46,73	9 400
22,0	65,15	45,83	8 300
24,0	62,53	44,83	7 300
26,0	59,84	43,70	6 400
28,0	57,08	42,45	5 800
30,0	54,22	41,05	5 200
32,0	51,26	39,50	4 700
34,0	48,17	37,77	4 300
36,0	44,92	35,83	3 900
38,0	41,47	33,66	3 500
40,0	37,77	31,18	3 200
42,0	33,72	28,33	2 800 *
44,0	29,18	24,96	2 400 *
45,9	24,10	21,45	1 900 *
51,8 m Boom			
8,8	82,00	53,05	17 600 *
9,0	81,70	52,98	17 300 *
10,0	80,58	52,82	16 900 *
12,0	78,33	52,43	16 000 *
14,0	76,06	51,96	15 100 *
16,0	73,77	51,40	12 900 *
18,0	71,45	50,75	10 900
20,0	69,10	50,02	9 300
22,0	66,71	49,18	8 200
24,0	64,27	48,25	7 200
26,0	61,78	47,21	6 300
28,0	59,24	46,06	5 700
30,0	56,62	44,78	5 100
32,0	53,92	43,36	4 600
34,0	51,13	41,80	4 200
36,0	48,22	40,07	3 800
38,0	45,17	38,15	3 400
40,0	41,94	36,00	3 100
42,0	38,50	33,58	2 800 *
44,0	34,78	30,83	2 500 *
46,0	30,66	27,63	2 100 *
48,0	25,96	23,80	1 700 *
48,9	23,30	22,10	1 500 *



Liftcrane Boom Capacities

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360 Degree Rating

Meets
ANSI B30.5
Requirements



10000 SERIES 3

Load Radius (m)	Boom Angle (deg)	Boom Point Elev. (m)	360° Rated Load (kg)
54,9 m Boom			
9,4	81,80	56,04	15 300 *
10,0	81,11	55,91	14 900 *
12,0	78,99	55,54	14 100 *
14,0	76,85	55,10	13 400 *
16,0	74,69	54,57	12 400
18,0	72,52	53,97	10 800
20,0	70,31	53,28	9 200
22,0	68,07	52,50	8 100
24,0	65,80	51,63	7 000
26,0	63,48	50,66	6 200
28,0	61,12	49,59	5 600
30,0	58,70	48,41	5 000
32,0	56,21	47,11	4 500
34,0	53,66	45,68	4 000
36,0	51,01	44,10	3 600
38,0	48,26	42,37	3 300
40,0	45,39	40,46	3 000
42,0	42,36	38,34	2 600
44,0	39,15	35,97	2 400 *
46,0	35,69	33,30	2 100 *
48,0	31,92	30,24	1 700 *
50,0	27,69	26,65	1 400 *
50,5	26,50	26,07	1 300 *

Load Radius (m)	Boom Angle (deg)	Boom Point Elev. (m)	360° Rated Load (kg)
57,9 m Boom			
10,0	81,60	59,03	13 300 *
12,0	79,58	58,65	12 500 *
14,0	77,56	58,23	11 900 *
16,0	75,52	57,73	11 200 *
18,0	73,46	57,16	10 400 *
20,0	71,39	56,51	9 100
22,0	69,28	55,78	8 000
24,0	67,15	54,96	7 000
26,0	64,98	54,06	6 100
28,0	62,77	53,06	5 500
30,0	60,52	51,96	4 900
32,0	58,21	50,75	4 400
34,0	55,85	49,43	4 000
36,0	53,42	47,99	3 600
38,0	50,90	46,40	3 200
40,0	48,30	44,67	2 900
42,0	45,58	42,77	2 600
44,0	42,73	40,67	2 400 *
46,0	39,72	38,35	2 100 *
48,0	36,50	35,74	1 700 *
50,0	33,01	32,80	1 500 *
50,4	32,10	32,33	1 400 *

Load Radius (m)	Boom Angle (deg)	Boom Point Elev. (m)	360° Rated Load (kg)
61,0 m Boom			
10,7	81,40	62,02	11 600 *
12,0	80,10	61,75	11 100 *
14,0	78,19	61,35	10 500 *
16,0	76,26	60,88	9 900 *
18,0	74,31	60,34	9 100 *
20,0	72,35	59,73	8 300 *
22,0	70,36	59,04	7 400 *
24,0	68,35	58,27	6 700 *
26,0	66,31	57,41	6 000
28,0	64,24	56,47	5 400
30,0	62,13	55,44	4 800
32,0	59,98	54,32	4 200
34,0	57,78	53,09	3 800
36,0	55,52	51,75	3 400
38,0	53,20	50,29	3 000 *
40,0	50,81	48,71	2 600 *
42,0	48,33	46,97	2 200 *
44,0	45,76	45,08	1 900 *
46,0	43,06	43,00	1 500 *
47,4	41,00	41,61	1 300 *