



Liftcrane Boom Capacities

26,630 LB. Crane Counterweight
14,700 LB. Carbody Counterweight (S/N 10001001 thru 10001037)
16,100 LB. Carbody Counterweight (S/N 10001038 and greater)

Crawler Retracted

Travel with Load Not Permitted

360 Degree Rating

**Meets
ANSI B30.5
Requirements**



10000 SERIES 2

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 de-rate 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 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 24,000 lbs. In all cases, auxiliary sheave (upper boom point) capacities cannot exceed those listed for Liftcrane Boom capacity reduced by 420 lbs.
- When lifting over boom point with jib or auxiliary sheave, rated loads for the boom must be reduced as shown below.

Jib length	Aux.	30 ft.	40 ft.	50 ft.	60 ft.
Deduct (lbs)	420	Not applicable			

- 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.
- Travel with load (pick and carry) is not permitted.
- Jib installation is prohibited.

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.

Maximum Boom Lengths Lifted Unassisted
Over End of Crawlers
140 ft.
Load block, hook and weight ball on ground at start.

- For Serial Numbers 10001001 thru 10001037:** Front and rear load hoist drum wire rope: 1.00 inch, 6 x 25, FI, IWRC, C/O, Minimum breaking strength: 103,400 lbs. Front Drum: 771 feet, Rear Drum: 525 feet.
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: 120,000 lbs. Front Drum: 771 feet, Rear Drum: 525 feet.
- Boom hoist wire rope: 492 feet, 5/8 inch, 6 x 31, WS, IWRC O/O, Minimum breaking strength: 47,200 lbs.
- For Serial Numbers 10001001 thru 10001037:** Machine equipped with 20 ft. 8 in. crawlers, 36 in. treads, 12 parts of boom hoist reeving, 26,630 lbs. crane counterweight and two 7,350 lbs. carbody counterweight
For all other Serial Numbers: Machine equipped with 20 ft. 8 in. crawlers, 36 in. treads, 12 parts of boom hoist reeving, 26,630 lbs. crane counterweight and two 8,050 lbs. carbody counterweight.

Hoist Reeving for Main Boom Loads

No. of Parts of Line	1	2	3
Maximum Loads (lbs)	25,000	50,000	75,000

No. of Parts of Line	4	5	6
Maximum Loads (lbs)	100,000	125,000	150,000

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

UGH32Z00005R0-MBRS2

06-02-06

Page 1 of 3



Liftcrane Boom Capacities

26,630 LB. Crane Counterweight
14,700 LB. Carbody Counterweight (S/N 10001001 thru 10001037)
16,100 LB. Carbody Counterweight (S/N 10001038 and greater)

Crawler Retracted
Travel with Load Not Permitted
360 Degree Rating

Meets
ANSI B30.5
Requirements



10000 SERIES 2

Load Radius (ft)	Boom Angle (deg)	Boom Point Elev. (ft)	360° Rated Load (lbs)
40 Ft. Boom			
10.0	81.9	45.3	133,370
11.0	80.5	45.1	112,650
12.0	79.0	44.9	97,000
13.0	77.5	44.7	85,090
14.0	76.1	44.4	75,830
15.0	74.6	44.2	68,340
16.0	73.1	43.8	61,940
17.0	71.5	43.5	56,870
18.0	70.0	43.1	52,240
19.0	68.5	42.7	48,500
20.0	66.9	42.3	45,190
22.0	63.7	41.3	39,680
24.0	60.5	40.2	35,270
26.0	57.1	39.0	31,740
28.0	53.5	37.5	28,880
30.0	49.8	35.9	26,450
32.0	45.9	34.0	24,250
34.0	41.7	31.8	22,480
36.0	37.0	29.3	20,940
38.0	31.8	26.2	19,620
40.0	25.7	22.4	18,290
50 Ft. Boom			
12.0	81.2	55.1	96,780
13.0	80.1	54.9	84,870
14.0	78.9	54.7	75,610
15.0	77.7	54.5	67,900
16.0	76.5	54.3	61,720
17.0	75.4	54.0	56,430
18.0	74.2	53.7	52,020
19.0	73.0	53.4	48,280
20.0	71.7	53.1	44,970
22.0	69.3	52.3	39,460
24.0	66.8	51.5	35,050
26.0	64.3	50.5	31,520
28.0	61.7	49.5	28,430
30.0	59.0	48.3	26,010
32.0	56.3	47.0	23,800
34.0	53.5	45.5	22,040
36.0	50.5	43.9	20,500
38.0	47.4	42.1	19,180
40.0	44.2	40.1	17,850
45.0	35.0	33.9	15,430
50.0	22.8	24.5	13,440

Load Radius (ft)	Boom Angle (deg)	Boom Point Elev. (ft)	360° Rated Load (lbs)
60 Ft. Boom			
13.0	81.7	65.1	84,650
14.0	80.8	64.9	75,170
15.0	79.8	64.7	67,680
16.0	78.8	64.5	61,500
17.0	77.8	64.3	56,210
18.0	76.9	64.1	51,800
19.0	75.9	63.8	47,830
20.0	74.9	63.5	44,530
22.0	72.9	62.9	39,020
24.0	70.9	62.2	34,610
26.0	68.8	61.5	31,080
28.0	66.8	60.6	28,210
30.0	64.6	59.7	25,570
32.0	62.5	58.7	23,580
34.0	60.3	57.5	21,820
36.0	58.1	56.3	20,060
38.0	55.8	55.0	18,730
40.0	53.4	53.5	17,410
45.0	47.1	49.3	14,990
50.0	40.1	43.9	13,000
55.0	31.8	36.8	11,460
60.0	20.7	26.3	10,140
70 Ft. Boom			
15.0	81.3	74.9	67,680
16.0	80.4	74.7	61,280
17.0	79.6	74.5	56,210
18.0	78.8	74.3	51,580
19.0	77.9	74.1	47,830
20.0	77.1	73.9	44,530
22.0	75.4	73.4	39,020
24.0	73.7	72.8	34,610
26.0	72.0	72.1	31,080
28.0	70.2	71.4	27,990
30.0	68.5	70.6	25,570
32.0	66.7	69.8	23,360
34.0	64.9	68.9	21,600
36.0	63.1	67.9	20,060
38.0	61.2	66.8	18,510
40.0	59.3	65.6	17,410
45.0	54.4	62.3	14,770
50.0	49.1	58.2	12,780
55.0	43.4	53.3	11,240
60.0	37.0	47.3	9,920
65.0	29.4	39.4	8,810

Load Radius (ft)	Boom Angle (deg)	Boom Point Elev. (ft)	360° Rated Load (lbs)
80 Ft. Boom			
16.0	81.6	84.8	61,060
17.0	80.9	84.7	55,770
18.0	80.2	84.5	51,360
19.0	79.5	84.3	47,610
20.0	78.7	84.1	44,310
22.0	77.3	83.7	38,580
24.0	75.8	83.2	34,170
26.0	74.3	82.6	30,640
28.0	72.8	82.0	27,770
30.0	71.3	81.3	25,350
32.0	69.8	80.6	23,140
34.0	68.2	79.8	21,380
36.0	66.7	79.0	19,620
38.0	65.1	78.0	18,290
40.0	63.5	77.1	16,970
45.0	59.4	74.3	14,550
50.0	55.1	71.0	12,560
55.0	50.6	67.1	10,800
60.0	45.7	62.6	9,470
65.0	40.4	57.1	8,590
70.0	34.5	50.4	7,710
75.0	27.4	41.9	6,830
90 Ft. Boom			
17.0	81.9	94.8	55,770
18.0	81.3	94.7	51,360
19.0	80.6	94.5	47,390
20.0	80.0	94.3	44,090
22.0	78.7	93.9	38,580
24.0	77.4	93.5	34,170
26.0	76.1	93.0	30,640
28.0	74.8	92.4	27,550
30.0	73.4	91.9	25,130
32.0	72.1	91.2	22,920
34.0	70.8	90.5	21,160
36.0	69.4	89.8	19,620
38.0	68.0	89.0	18,070
40.0	66.6	88.1	16,970
45.0	63.1	85.7	14,320
50.0	59.5	82.9	12,340
55.0	55.7	79.7	10,580
60.0	51.7	76.0	9,470
65.0	47.5	71.6	8,370
70.0	43.0	66.6	7,490
75.0	38.0	60.6	6,610
80.0	32.4	53.4	5,950
85.0	25.8	44.2	5,510



Liftcrane Boom Capacities

26,630 LB. Crane Counterweight
14,700 LB. Carbody Counterweight (S/N 10001001 thru 10001037)
16,100 LB. Carbody Counterweight (S/N 10001038 and greater)

Crawler Retracted
Travel with Load Not Permitted
360 Degree Rating

Meets
ANSI B30.5
Requirements



10000 SERIES 2

Load Radius (ft)	Boom Angle (deg)	Boom Point Elev. (ft)	360° Rated Load (lbs)
100 Ft. Boom			
19.0	81.6	104.6	47,170
20.0	81.0	104.5	43,870
22.0	79.8	104.1	38,130
24.0	78.7	103.7	33,730
26.0	77.5	103.3	30,200
28.0	76.3	102.8	27,330
30.0	75.1	102.3	24,690
32.0	73.9	101.7	22,700
34.0	72.7	101.1	2,0720
36.0	71.5	100.4	19,180
38.0	70.3	99.7	17,850
40.0	69.1	99.0	16,530
45.0	66.0	96.8	13,880
50.0	62.8	94.4	11,900
55.0	59.5	91.6	10,360
60.0	56.1	88.4	9,030
65.0	52.6	84.7	7,930
70.0	48.8	80.6	7,050
75.0	44.9	75.8	6,170
80.0	40.6	70.3	5,510
85.0	36.0	63.9	5,070
90.0	30.7	56.2	4,620
95.0	24.4	46.4	4,180
110 Ft. Boom			
20.0	81.8	114.6	43,870
22.0	80.8	114.3	38,130
24.0	79.7	113.9	33,730
26.0	78.7	113.5	30,200
28.0	77.6	113.1	27,330
30.0	76.5	112.6	24,690
32.0	75.4	112.1	22,700
34.0	74.4	111.5	20,720
36.0	73.3	110.9	19,180
38.0	72.2	110.3	17,850
40.0	71.1	109.6	16,530
45.0	68.3	107.7	13,880
50.0	65.5	105.5	11,900
55.0	62.6	103.1	10,360
60.0	59.6	100.3	9,030

Load Radius (ft)	Boom Angle (deg)	Boom Point Elev. (ft)	360° Rated Load (lbs)
110 Ft. Boom			
65.0	56.5	97.1	7,930
70.0	53.3	93.5	7,050
75.0	49.9	89.5	6,170
80.0	46.4	85.0	5,510
85.0	42.7	79.8	4,850
90.0	38.6	73.9	4,400
95.0	34.2	67.0	3,960
100.0	29.2	58.8	3,520
105.0	23.2	48.5	3,300
120 Ft. Boom			
22.0	81.6	124.4	37,910
24.0	80.6	124.1	33,500
26.0	79.6	123.7	29,980
28.0	78.6	123.3	26,890
30.0	77.7	122.9	24,470
32.0	76.7	122.4	22,260
34.0	75.7	121.9	20,500
36.0	74.7	121.4	18,950
38.0	73.7	120.8	17,410
40.0	72.7	120.2	16,310
45.0	70.2	118.4	13,660
50.0	67.6	116.5	11,680
55.0	65.0	114.2	9,920
60.0	62.3	111.7	8,590
65.0	59.6	108.9	7,490
70.0	56.8	105.8	6,610
75.0	53.9	102.3	5,950
80.0	50.8	98.4	5,290
85.0	47.7	94.0	4,620
90.0	44.3	89.1	4,180
95.0	40.8	83.6	3,520
100.0	36.9	77.3	3,080
130 Ft. Boom			
24.0	81.3	134.2	33,500
26.0	80.4	133.9	29,980
28.0	79.5	133.5	26,890
30.0	78.6	133.1	24,470
32.0	77.7	132.7	22,260
34.0	76.8	132.2	20,500
36.0	75.9	131.7	18,730
38.0	75.0	131.2	17,410
40.0	74.1	130.6	16,090
45.0	71.8	129.0	13,660

Load Radius (ft)	Boom Angle (deg)	Boom Point Elev. (ft)	360° Rated Load (lbs)
130 Ft. Boom			
50.0	69.4	127.3	11,460
55.0	67.1	125.2	9,920
60.0	64.6	122.9	8,590
65.0	62.2	120.4	7,490
70.0	59.6	117.6	6,610
75.0	57.0	114.5	5,730
80.0	54.4	111.0	5,070
85.0	51.6	107.2	4,400
90.0	48.7	103.0	3,960
95.0	45.7	98.3	3,300
140 Ft. Boom			
24.0	81.9	144.3	33,280
26.0	81.1	144.0	29,540
28.0	80.3	143.7	26,670
30.0	79.4	143.3	24,250
32.0	78.6	142.9	22,040
34.0	77.8	142.5	20,060
36.0	76.9	142.0	18,510
38.0	76.1	141.5	17,190
40.0	75.2	141.0	15,870
45.0	73.1	139.6	13,220
50.0	71.0	137.9	11,240
55.0	68.8	136.0	9,700
60.0	66.6	134.0	8,370
65.0	64.3	131.6	7,270
70.0	62.0	129.1	6,170
75.0	59.7	126.2	5,510
80.0	57.2	123.1	4,850
85.0	54.8	119.7	4,180
90.0	52.2	116.0	3,520