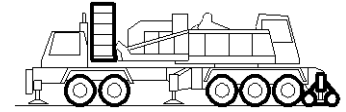


Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
27,400 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear — 1/4 MPH Travel
On Rubber and Fully Extended Rolling Rear Outriggers

Meets
ANSI B30.5
Requirements



LIFTING CAPACITIES: Lifting capacities are for operating on rolling rear outriggers. Capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

Upper boom point capacity for liftcrane service with single part whip line is 29,500 Lbs. or 59,000 Lbs. with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 20,000 Lbs. or 40,000 Lbs. with two part whip line. 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 concrete or steel surface. Rear outriggers must be fully extended and jacks set in down position with 1/2 in. vertical preload in outrigger beams after free play is removed between outrigger beams and outrigger box. Front outriggers fully extended and jacks positioned to clear supporting surface recommended. Refer to operator's manual for outrigger positioning and jacking instructions. Refer to boom rigging **No. 192043**, Wire Rope Specification chart **No. 7973-A** and Operating Range Diagram chart **No. 7974-E**. Crane operator judgment must be used to allow for dynamic load effects of hoisting or lowering, travel, wind conditions, surface conditions, condition and inflation of

tires (116 PSI minimum), as well as adverse operating conditions and physical machine depreciation. **Swing is not allowed unless all outriggers are fully extended and set.** Refer to chart **No. 8063-A** for fully extended outrigger boom capacities. Refer to operator's manual for operator guidelines.

MACHINE TRAVEL: Machine to travel (1/4 MPH) on a firm, level and uniformly supporting concrete or steel surface with boom centered over rear of carrier and within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 7976-B**, Maximum Allowable Traveling Weight chart **No. 7972-A** and Weight Distribution chart **No. 7975-A**.

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 Manitowoc 10 x 6 carrier, 277 in. wheel base, 117 in. front axle track, 100 in. rear axle track, 14.00 x 24 tires, 96 in. front outriggers, 70 in. rear rolling outriggers No. 194303, two 12 in. boom hoist cylinders, 26 Ft. mast, two boom support straps, crane counterweight as specified and without front bumper counterweight.

Upper Boom Point Deduct
Deduct 1,000 Lbs. from capacities when upper boom point is attached.

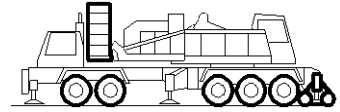
Auxiliary Drum Deduct
Deduct 1,700 Lbs. from capacities when boom point is equipped with auxiliary drum.

Maximum Boom Lengths Lifted Unassisted On Rubber and Fully Extended Rolling Rear Outriggers		
Crane Counterweight	Over Rear	Over Side
95,400 Lb.	150 Ft.	Not Allowed
78,400 Lb.	150 Ft.	
61,400 Lb.	150 Ft.	
44,400 Lb.	150 Ft.	
27,400 Lb.	90 Ft.	
Load block, hook and weight ball on ground at start. Jib is not to be used while operating on rolling outriggers.		

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
27,400 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear — 1/4 MPH Travel
On Rubber and Fully Extended Rolling Rear Outriggers

Meets
ANSI B30.5
Requirements



42.5 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	27,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
12	81.6	50.3	364,000 *	364,000 *	364,000 *	358,100 *	341,000 *	12
13	80.2	50.1	364,000 *	364,000 *	348,400 *	332,500 *	316,500 *	13
14	78.8	49.8	354,900 *	340,000 *	325,100 *	310,200 *	295,300 *	14
15	77.4	49.6	332,600 *	318,600 *	304,600 *	290,600 *	276,600 *	15
16	76.0	49.3	312,800 *	299,600 *	286,400 *	273,200 *	260,000 *	16
17	74.6	48.9	295,200 *	282,700 *	270,200 *	257,700 *	245,000 *	17
18	73.1	48.6	279,400 *	267,500 *	255,700 *	243,800 *	229,600 *	18
19	71.7	48.2	265,100 *	253,800 *	242,500 *	231,000 *	216,000 *	19
20	70.2	47.8	252,100 *	241,400 *	230,600 *	218,000 *	203,700 *	20
22	67.2	46.9	229,500 *	219,700 *	208,600 *	195,700 *	182,800 *	22
24	64.1	45.8	210,400 *	200,900 *	189,100 *	177,300 *	165,600 *	24
26	61.0	44.6	194,100 *	183,500 *	172,700 *	161,900 *	142,900 *	26
28	57.7	43.3	178,800 *	168,800 *	158,800 *	147,100 *	124,000 *	28
30	54.2	41.8	165,400 *	156,100 *	146,800 *	129,800 *	109,100 *	30
32	50.6	40.0	153,700 *	145,000 *	134,400 *	115,800 *	97,200 *	32
34	46.8	38.1	143,400 *	135,200 *	121,200 *	104,300 *	87,300 *	34
36	42.7	35.8	134,300 *	125,800 *	110,200 *	94,600 *	79,000 *	36
38	38.2	33.2	126,100 *	115,200 *	100,800 *	86,400 *	72,000 *	38
40	33.1	30.0	118,800 *	106,000 *	92,600 *	79,200 *	65,800 *	40
45	12.7	16.0	98,100 *	87,500 *	76,100 *	64,700 *	53,300 *	45

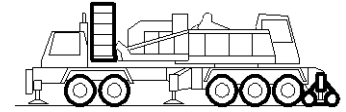
60 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	27,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
14	82.2	68.2	353,700 *	338,900 *	324,000 *	309,100 *	294,200 *	14
15	81.3	68.0	331,600 *	317,600 *	303,500 *	289,500 *	275,500 *	15
16	80.3	67.8	311,800 *	298,600 *	285,400 *	272,200 *	259,000 *	16
17	79.3	67.6	294,300 *	281,800 *	269,300 *	256,800 *	244,300 *	17
18	78.3	67.4	278,500 *	266,600 *	254,800 *	242,900 *	229,200 *	18
19	77.3	67.1	264,200 *	253,000 *	241,700 *	230,400 *	215,500 *	19
20	76.4	66.8	251,300 *	240,600 *	229,800 *	217,600 *	203,300 *	20
22	74.4	66.2	228,800 *	218,900 *	208,300 *	195,400 *	182,500 *	22
24	72.3	65.5	209,800 *	200,600 *	188,800 *	177,000 *	165,300 *	24
26	70.3	64.8	193,500 *	183,300 *	172,500 *	161,600 *	144,900 *	26
28	68.2	63.9	178,600 *	168,600 *	158,600 *	148,600 *	125,800 *	28
30	66.1	63.0	165,200 *	155,900 *	146,600 *	131,400 *	110,800 *	30
32	64.0	61.9	153,600 *	144,900 *	136,000 *	117,400 *	98,800 *	32
34	61.8	60.8	143,400 *	135,200 *	122,800 *	105,800 *	88,800 *	34
36	59.5	59.6	134,300 *	126,600 *	111,700 *	96,100 *	80,500 *	36
38	57.2	58.2	126,200 *	116,700 *	102,300 *	87,900 *	73,500 *	38
40	54.9	56.8	119,000 *	107,500 *	94,200 *	80,800 *	67,400 *	40
45	48.6	52.5	100,900 *	89,500 *	78,100 *	66,700 *	55,300 *	45
50	41.6	47.1	86,000 *	76,000 *	66,100 *	56,200 *	46,300 *	50
55	33.3	40.0	74,400 *	65,600 *	56,800 *	48,100 *	39,300 *	55
60	22.1	29.4	65,100 *	57,200 *	49,300 *	41,500 *	33,600 *	60

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
27,400 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear — 1/4 MPH Travel
On Rubber and Fully Extended Rolling Rear Outriggers

Meets
 ANSI B30.5
 Requirements



70 Ft. Boom

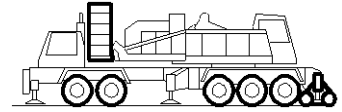


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	27,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
15	82.5	78.2	296,300 *	296,300 *	296,300 *	290,300 *	276,300 *	15
16	81.7	78.0	294,300 *	294,300 *	286,200 *	273,000 *	259,800 *	16
17	80.9	77.8	292,400 *	282,500 *	270,000 *	257,600 *	245,100 *	17
18	80.0	77.6	279,300 *	267,400 *	255,600 *	243,700 *	230,200 *	18
19	79.2	77.4	265,000 *	253,800 *	242,500 *	231,200 *	216,500 *	19
20	78.4	77.2	252,100 *	241,400 *	230,600 *	218,600 *	204,300 *	20
22	76.7	76.6	229,600 *	219,800 *	209,300 *	196,400 *	183,500 *	22
24	75.0	76.1	210,600 *	201,600 *	189,800 *	178,000 *	166,300 *	24
26	73.2	75.4	194,000 *	184,300 *	173,500 *	162,700 *	146,700 *	26
28	71.5	74.7	179,600 *	169,600 *	159,600 *	149,600 *	127,600 *	28
30	69.7	73.9	166,200 *	156,900 *	147,600 *	133,100	112,500	30
32	68.0	73.1	154,600 *	145,900 *	137,200 *	119,000	100,400	32
34	66.2	72.1	144,400 *	136,200 *	124,300	107,400	90,400	34
36	64.3	71.1	135,400 *	127,700 *	113,200	97,700	82,100	36
38	62.5	70.0	127,300 *	118,200	103,800	89,400	75,000	38
40	60.6	68.9	120,100 *	109,100	95,700	82,300	68,900	40
45	55.6	65.5	102,400	91,000	79,600	68,200	56,800	45
50	50.4	61.5	87,500	77,600	67,600	57,700	47,800	50
55	44.6	56.6	76,000	67,200	58,400	49,600	40,900	55
60	38.2	50.5	66,800	58,900	51,000	43,200	35,300	60
65	30.6	42.6	59,300	52,100	45,000	37,900	30,700	65
70	20.3	31.1	52,900	46,400	39,900	33,300	26,800	70

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
27,400 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear — 1/4 MPH Travel
On Rubber and Fully Extended Rolling Rear Outriggers

Meets
ANSI B30.5
Requirements



80 Ft. Boom

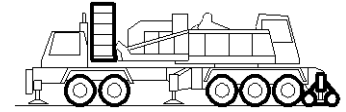


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	27,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
16	82.7	88.1	280,600 *	280,600 *	280,600 *	272,800 *	259,600 *	16
17	82.0	88.0	278,500 *	278,500 *	269,900 *	257,400 *	244,900 *	17
18	81.3	87.8	276,500 *	267,200 *	255,400 *	243,500 *	230,200 *	18
19	80.6	87.6	264,900 *	253,600 *	242,300 *	231,100 *	216,500 *	19
20	79.8	87.4	252,000 *	241,200 *	230,500 *	218,600 *	204,300 *	20
22	78.4	87.0	229,400 *	219,600 *	209,300 *	196,400 *	183,500 *	22
24	76.9	86.4	210,500 *	201,400 *	189,800 *	178,000 *	166,200 *	24
26	75.4	85.9	194,300 *	184,300 *	173,400 *	162,600 *	147,500	26
28	73.9	85.3	179,600 *	169,600 *	159,600 *	149,600 *	128,200	28
30	72.4	84.6	166,200 *	156,900 *	147,600 *	133,700	113,100	30
32	70.9	83.9	154,600 *	145,900 *	137,200 *	119,600	100,900	32
34	69.3	83.1	144,400 *	136,200 *	124,900	107,900	90,900	34
36	67.8	82.2	135,400 *	127,700 *	113,700	98,100	82,500	36
38	66.2	81.3	127,300 *	118,600	104,200	89,800	75,400	38
40	64.6	80.3	120,100 *	109,500	96,100	82,700	69,300	40
45	60.5	77.5	102,700	91,300	80,000	68,600	57,200	45
50	56.2	74.2	87,800	77,900	68,000	58,100	48,200	50
55	51.7	70.3	76,300	67,500	58,800	50,000	41,200	55
60	46.8	65.8	67,100	59,300	51,400	43,500	35,700	60
65	41.5	60.3	59,700	52,500	45,400	38,300	31,100	65
70	35.5	53.6	53,400	46,900	40,400	33,900	27,300	70
75	28.4	45.0	48,100	42,100	36,100	30,100	24,100	75
80	18.8	32.6	43,500	37,900	32,400	26,800	21,200	80

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
27,400 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear — 1/4 MPH Travel
On Rubber and Fully Extended Rolling Rear Outriggers

Meets
 ANSI B30.5
 Requirements



90 Ft. Boom

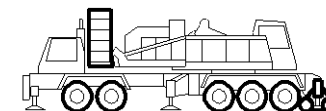


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	27,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
17	82.9	98.1	273,700 *	273,700 *	269,700 *	257,200 *	244,700 *	17
18	82.3	97.9	265,300 *	265,300 *	255,200 *	243,400 *	230,200 *	18
19	81.6	97.8	256,200 *	253,400 *	242,200 *	230,900 *	216,500 *	19
20	81.0	97.6	247,500 *	241,100 *	230,300 *	218,600 *	204,300 *	20
22	79.7	97.2	229,300 *	219,500 *	209,200 *	196,300 *	183,400 *	22
24	78.4	96.8	210,300 *	201,300 *	189,800 *	178,000 *	166,200 *	24
26	77.1	96.3	194,100 *	184,200 *	173,400 *	162,600 *	148,100	26
28	75.7	95.7	179,500 *	169,500 *	159,500 *	149,500 *	128,800	28
30	74.4	95.1	166,200 *	156,900 *	147,600 *	134,200	113,600	30
32	73.1	94.5	154,600 *	145,900 *	137,200 *	120,000	101,400	32
34	71.7	93.8	144,400 *	136,200 *	125,200	108,300	91,300	34
36	70.4	93.0	135,300 *	127,600 *	114,100	98,500	82,900	36
38	69.0	92.2	127,300 *	119,000	104,600	90,200	75,800	38
40	67.6	91.4	120,100 *	109,800	96,400	83,000	69,600	40
45	64.1	89.0	103,000	91,600	80,200	68,800	57,400	45
50	60.4	86.2	88,100	78,200	68,200	58,300	48,400	50
55	56.6	82.9	76,500	67,800	59,000	50,200	41,500	55
60	52.7	79.2	67,400	59,500	51,700	43,800	35,900	60
65	48.5	74.8	59,900	52,800	45,700	38,500	31,400	65
70	43.9	69.8	53,700	47,200	40,700	34,100	27,600	70
75	39.0	63.8	48,500	42,500	36,400	30,400	24,400	75
80	33.4	56.6	44,000	38,400	32,800	27,200	21,700	80
85	26.7	47.3	40,000	34,800	29,600	24,400	19,200	85
90	17.6	34.1	36,500	31,600	26,800	21,900	17,100	90

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
27,400 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear — 1/4 MPH Travel
On Rubber and Fully Extended Rolling Rear Outriggers

Meets
ANSI B30.5
Requirements



100 Ft. Boom

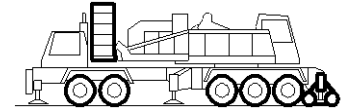


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
18	83.0	108.1	241,200 *	241,200 *	241,200 *	241,200 *	18
19	82.5	107.9	233,200 *	233,200 *	233,200 *	230,600 *	19
20	81.9	107.7	225,800 *	225,800 *	225,800 *	218,400 *	20
22	80.7	107.4	211,900 *	211,900 *	209,000 *	196,100 *	22
24	79.6	107.0	199,600 *	199,600 *	189,500 *	177,800 *	24
26	78.4	106.5	188,700 *	184,000 *	173,200 *	162,400 *	26
28	77.2	106.1	178,700 *	169,300 *	159,300 *	149,300 *	28
30	76.0	105.5	166,000 *	156,700 *	147,300 *	134,500	30
32	74.8	105.0	154,300 *	145,600 *	136,900 *	120,300	32
34	73.6	104.3	144,100 *	136,000 *	125,500	108,500	34
36	72.4	103.7	135,100 *	127,400 *	114,200	98,700	36
38	71.2	103.0	127,100 *	119,100	104,700	90,300	38
40	70.0	102.2	119,800 *	109,900	96,500	83,100	40
45	66.9	100.1	103,100	91,700	80,300	68,900	45
50	63.7	97.6	88,100	78,200	68,300	58,400	50
55	60.4	94.8	76,600	67,800	59,000	50,300	55
60	57.0	91.6	67,400	59,500	51,700	43,800	60
65	53.4	88.0	59,900	52,800	45,700	38,500	65
70	49.7	83.8	53,700	47,200	40,700	34,200	70
75	45.8	79.0	48,500	42,500	36,500	30,500	75
80	41.5	73.5	44,000	38,400	32,800	27,300	80
85	36.8	67.1	40,100	34,900	29,700	24,500	85
90	31.5	59.3	36,700	31,800	26,900	22,100	90
95	25.2	49.5	33,600	29,000	24,500	19,900	95
100	16.6	35.4	30,800	26,500	22,200	17,900	100

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
27,400 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear — 1/4 MPH Travel
On Rubber and Fully Extended Rolling Rear Outriggers

Meets
 ANSI B30.5
 Requirements



110 Ft. Boom

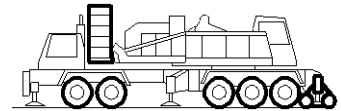


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
20	82.6	117.9	208,800 *	208,800 *	208,800 *	208,800 *	20
22	81.6	117.5	196,700 *	196,700 *	196,700 *	196,000 *	22
24	80.5	117.2	185,800 *	185,800 *	185,800 *	177,600 *	24
26	79.5	116.8	176,000 *	176,000 *	173,100 *	162,300 *	26
28	78.4	116.3	167,000 *	167,000 *	159,200 *	149,200 *	28
30	77.3	115.9	158,800 *	156,500 *	147,200 *	134,800 *	30
32	76.2	115.4	151,300 *	145,500 *	136,800 *	120,500 *	32
34	75.2	114.8	144,000 *	135,800 *	125,700 *	108,700 *	34
36	74.1	114.2	135,000 *	127,300 *	114,400 *	98,800 *	36
38	73.0	113.6	126,900 *	119,300 *	104,900 *	90,500 *	38
40	71.9	112.9	119,700 *	110,000 *	96,600 *	83,300 *	40
45	69.1	111.0	103,200 *	91,800 *	80,400 *	69,000 *	45
50	66.3	108.8	88,200 *	78,300 *	68,400 *	58,400 *	50
55	63.3	106.3	76,600 *	67,900 *	59,100 *	50,300 *	55
60	60.4	103.5	67,400 *	59,600 *	51,700 *	43,800 *	60
65	57.3	100.3	60,000 *	52,800 *	45,700 *	38,600 *	65
70	54.1	96.7	53,800 *	47,200 *	40,700 *	34,200 *	70
75	50.7	92.7	48,500 *	42,500 *	36,500 *	30,500 *	75
80	47.2	88.2	44,000 *	38,500 *	32,900 *	27,300 *	80
85	43.5	83.0	40,200 *	35,000 *	29,800 *	24,600 *	85
90	39.4	77.1	36,700 *	31,900 *	27,000 *	22,200 *	90
95	35.0	70.2	33,700 *	29,200 *	24,600 *	20,000 *	95
100	30.0	61.9	31,100 *	26,700 *	22,400 *	18,100 *	100
105	24.0	51.6	28,600 *	24,500 *	20,500 *	16,400 *	105
110	15.8	36.7	26,400 *	22,500 *	18,600 *	14,800 *	110

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
27,400 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear — 1/4 MPH Travel
On Rubber and Fully Extended Rolling Rear Outriggers

Meets
ANSI B30.5
Requirements



120 Ft. Boom

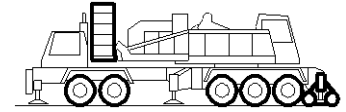


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
22	82.3	127.7	189,700 *	189,700 *	189,700 *	189,700 *	22
24	81.3	127.3	178,900 *	178,900 *	178,900 *	177,800 *	24
26	80.3	127.0	169,000 *	169,000 *	169,000 *	162,400 *	26
28	79.4	126.6	160,100 *	160,100 *	159,300 *	149,300 *	28
30	78.4	126.1	152,000 *	152,000 *	147,400 *	135,200	30
32	77.4	125.7	144,500 *	144,500 *	136,900 *	120,900	32
34	76.4	125.2	137,700 *	136,000 *	126,000	109,100	34
36	75.4	124.6	131,400 *	127,400 *	114,800	99,200	36
38	74.4	124.0	125,500 *	119,600	105,200	90,800	38
40	73.4	123.4	119,900 *	110,400	97,000	83,600	40
45	70.9	121.7	103,500	92,100	80,700	69,300	45
50	68.4	119.7	88,500	78,600	68,600	58,700	50
55	65.7	117.5	76,900	68,100	59,400	50,600	55
60	63.1	115.0	67,700	59,800	52,000	44,100	60
65	60.3	112.2	60,200	53,100	46,000	38,800	65
70	57.5	109.0	54,000	47,500	41,000	34,500	70
75	54.6	105.5	48,800	42,800	36,800	30,800	75
80	51.6	101.6	44,300	38,700	33,200	27,600	80
85	48.4	97.2	40,400	35,200	30,100	24,900	85
90	45.0	92.3	37,000	32,200	27,300	22,500	90
95	41.5	86.8	34,100	29,500	24,900	20,300	95
100	37.6	80.5	31,400	27,100	22,800	18,400	100
105	33.4	73.1	29,000	24,900	20,800	16,700	105
110	28.6	64.4	26,800	22,900	19,100	15,200	110
115	22.9	53.5	24,800	21,200	17,500	13,800	115
120	15.1	38.0	23,000	19,500	16,000	12,400	120

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
27,400 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear — 1/4 MPH Travel
On Rubber and Fully Extended Rolling Rear Outriggers

Meets
 ANSI B30.5
 Requirements



130 Ft. Boom

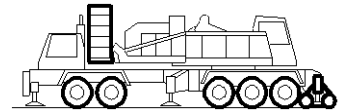


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
22	82.9	137.8	178,100 *	178,100 *	178,100 *	178,100 *	22
24	82.0	137.5	168,900 *	168,900 *	168,900 *	168,900 *	24
26	81.1	137.1	160,500 *	160,500 *	160,500 *	160,500 *	26
28	80.2	136.8	152,700 *	152,700 *	152,700 *	149,000 *	28
30	79.3	136.4	145,700 *	145,700 *	145,700 *	135,400	30
32	78.4	135.9	139,100 *	139,100 *	136,600 *	121,000	32
34	77.5	135.5	133,000 *	133,000 *	126,100	109,100	34
36	76.6	135.0	126,700 *	126,700 *	114,800	99,200	36
38	75.7	134.4	120,900 *	119,400 *	105,200	90,800	38
40	74.8	133.9	115,500 *	110,300	96,900	83,600	40
45	72.5	132.3	103,400	92,000	80,600	69,200	45
50	70.1	130.5	88,400	78,400	68,500	58,600	50
55	67.7	128.5	76,800	68,000	59,200	50,400	55
60	65.3	126.2	67,600	59,700	51,800	44,000	60
65	62.8	123.6	60,100	52,900	45,800	38,700	65
70	60.3	120.8	53,800	47,300	40,800	34,300	70
75	57.7	117.7	48,600	42,600	36,600	30,600	75
80	55.0	114.2	44,100	38,600	33,000	27,400	80
85	52.2	110.4	40,200	35,000	29,900	24,700	85
90	49.4	106.2	36,900	32,000	27,100	22,300	90
95	46.3	101.5	33,900	29,300	24,700	20,100	95
100	43.1	96.2	31,200	26,900	22,600	18,300	100
105	39.7	90.3	28,800	24,700	20,700	16,600	105
110	36.1	83.7	26,700	22,800	18,900	15,000	110
115	32.0	76.0	24,700	21,000	17,300	13,700	115
120	27.4	66.8	22,900	19,400	15,900	12,400	120
125	21.9	55.4	21,300	17,900	14,500	11,200	125
130	14.4	39.1	19,700	16,500	13,300	10,000	130

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
27,400 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear — 1/4 MPH Travel
On Rubber and Fully Extended Rolling Rear Outriggers

Meets
ANSI B30.5
Requirements



140 Ft. Boom

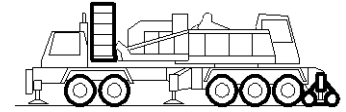


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
24	82.6	147.6	160,600 *	160,600 *	160,600 *	160,600 *	24
26	81.7	147.3	153,300 *	153,300 *	153,300 *	153,300 *	26
28	80.9	146.9	145,700 *	145,700 *	145,700 *	145,700 *	28
30	80.1	146.6	138,700 *	138,700 *	138,700 *	135,500	30
32	79.2	146.2	132,200 *	132,200 *	132,200 *	121,000	32
34	78.4	145.7	126,200 *	126,200 *	126,100	109,100	34
36	77.6	145.3	120,600 *	120,600 *	114,800	99,200	36
38	76.7	144.8	115,000 *	115,000 *	105,200	90,800	38
40	75.9	144.3	109,800 *	109,800 *	96,900	83,500	40
45	73.7	142.8	98,300 *	91,900	80,500	69,100	45
50	71.6	141.2	88,200	78,300	68,400	58,500	50
55	69.4	139.3	76,600	67,900	59,100	50,300	55
60	67.2	137.2	67,400	59,500	51,700	43,800	60
65	64.9	134.9	59,900	52,800	45,600	38,500	65
70	62.6	132.3	53,700	47,200	40,600	34,100	70
75	60.3	129.5	48,400	42,400	36,400	30,400	75
80	57.9	126.4	43,900	38,400	32,800	27,200	80
85	55.4	122.9	40,100	34,900	29,700	24,500	85
90	52.8	119.2	36,700	31,800	26,900	22,100	90
95	50.2	115.1	33,700	29,100	24,500	20,000	95
100	47.4	110.5	31,000	26,700	22,400	18,100	100
105	44.5	105.5	28,600	24,600	20,500	16,400	105
110	41.5	100.0	26,500	22,600	18,800	14,900	110
115	38.2	93.8	24,600	20,900	17,200	13,500	115
120	34.7	86.8	22,800	19,300	15,800	12,200	120
125	30.8	78.7	21,200	17,800	14,400	11,100	125
130	26.4	69.1	19,700	16,400	13,200	10,000	130
135	21.1	57.2	18,300	15,200	12,100	9,000	135
140	13.9	40.3	16,900	14,000	11,000	8,000	140

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
27,400 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear — 1/4 MPH Travel
On Rubber and Fully Extended Rolling Rear Outriggers

Meets
 ANSI B30.5
 Requirements



150 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
26	82.3	157.4	161,100 *	161,100 *	161,100 *	161,100 *	26
28	81.5	157.1	155,100 *	155,100 *	155,100 *	148,200 *	28
30	80.7	156.7	148,000 *	148,000 *	146,200 *	135,600	30
32	80.0	156.4	138,900 *	138,900 *	135,700 *	121,100	32
34	79.2	156.0	130,900 *	130,900 *	126,100	109,100	34
36	78.4	155.5	123,900 *	123,900 *	114,700	99,100	36
38	77.6	155.1	117,600 *	117,600 *	105,000	90,600	38
40	76.8	154.6	112,000 *	110,100	96,700	83,300	40
45	74.9	153.2	100,200 *	91,700	80,300	68,900	45
50	72.9	151.7	87,900	78,000	68,100	58,200	50
55	70.8	150.0	76,300	67,500	58,700	50,000	55
60	68.8	148.1	67,000	59,200	51,300	43,400	60
65	66.7	145.9	59,500	52,400	45,200	38,100	65
70	64.6	143.6	53,200	46,700	40,200	33,700	70
75	62.5	141.0	48,000	42,000	36,000	30,000	75
80	60.3	138.1	43,500	37,900	32,300	26,800	80
85	58.0	135.0	39,600	34,400	29,200	24,000	85
90	55.7	131.7	36,200	31,300	26,500	21,600	90
95	53.3	128.0	33,200	28,600	24,000	19,500	95
100	50.9	123.9	30,500	26,200	21,900	17,600	100
105	48.3	119.6	28,100	24,100	20,000	15,900	105
110	45.7	114.7	26,000	22,100	18,200	14,400	110
115	42.9	109.5	24,000	20,400	16,700	13,000	115
120	40.0	103.6	22,300	18,800	15,200	11,700	120
125	36.8	97.1	20,700	17,300	13,900	10,600	125
130	33.4	89.7	19,200	16,000	12,700	9,500	130
135	29.7	81.3	17,800	14,700	11,600	8,500	135
140	25.4	71.3	16,500	13,500	10,600	7,600	140
145	20.3	58.9	15,300	12,400	9,600	6,700	145
150	13.4	41.4	14,100	11,400	8,600	5,900	150