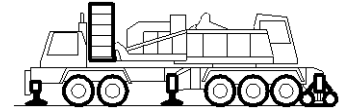


Liftcrane Boom Capacities

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
or 360 Degree Rating On Fully Extended Outriggers — No Travel

Meets
ANSI B30.5
Requirements



LIFTING CAPACITIES: Lifting capacities are for operating on rolling rear outriggers straight over rear (1/4 MPH travel) or 360 degree rating with outriggers fully extended and set (no travel). 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. Refer to boom rigging No. 192043, Wire Rope Specification chart No. 7973-A and Operating Range Diagram chart No. 7974-F. Crane operator judgment must be used to allow for dynamic load effects of swinging (360 degree rating), hoisting or lowering, travel (front jacks retracted), wind conditions, surface conditions, condition and inflation of tires (116 PSI minimum), as well as adverse operating conditions and physical machine depreciation. Refer to operator's manual for operator guidelines.

Rolling Rear Outriggers: 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. Travel permitted at 1/4 MPH. Refer to operator's manual for outrigger positioning and jacking instructions. **Swing is not allowed unless all outriggers are fully extended and set.**

Fully Extended Outriggers: Machine to operate with outriggers fully extended (22 Ft. 8 in.) and set (360 degree rating). **Travel not allowed.** Refer to operators manual for outrigger positioning. Radii less than 32 Ft. not recommended when lifting over front of truck. Minimum boom angle over truck cab is 24 degrees.

Note: Set four main jacks first, then lower center front jack until it just contacts ground to prevent preloading of center front jack. Center front jack must be used when operating on outriggers.

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.

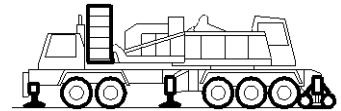
BOOM POINT ELEVATION: Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

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.

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
or 360 Degree Rating On Fully Extended Outriggers — No Travel

Meets
 ANSI B30.5
 Requirements



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

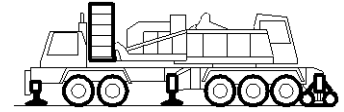
Crane Counterweight	Over Rear	Over Side
95,400 Lb.	150 Ft.	Not Allowed
78,400 Lb.	150 Ft.	
61,400 Lb.	150 Ft.	
44,400 Lb.	120 Ft.	
27,400 Lb.	90 Ft.	

Load block, hook and weight ball on ground at
 start. Jib is not to be used while operating on
 rolling outriggers.

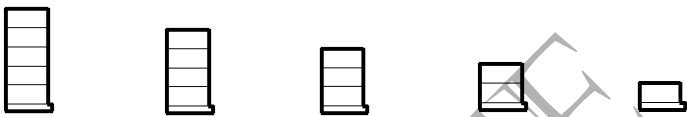
Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

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
or 360 Degree Rating On Fully Extended Outriggers — No Travel



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 Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. 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 *	202,000 *	20
22	67.2	46.9	229,500 *	219,700 *	208,600 *	190,700 *	161,700 *	22
24	64.1	45.8	210,400 *	200,900 *	183,000	158,600	134,200	24
26	61.0	44.6	194,100 *	177,400	156,400	135,300	114,300	26
28	57.7	43.3	173,200	154,700	136,200	117,700	99,200	28
30	54.2	41.8	153,300	136,800	120,300	103,800	87,300	30
32	50.6	40.0	137,300	122,400	107,500	92,600	77,700	32
34	46.8	38.1	124,100	110,600	97,000	83,400	69,800	34
36	42.7	35.8	113,100	100,600	88,100	75,700	63,200	36
38	38.2	33.2	103,600	92,100	80,600	69,100	57,600	38
40	33.1	30.0	95,500	84,800	74,100	63,400	52,700	40
45	12.7	16.0	79,100	70,000	60,900	51,800	42,400	45

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

27,400 Lb. to 95,400 Lb. Crane Counterweight

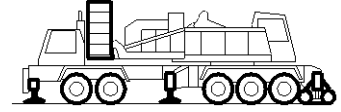
Without Front Bumper Counterweight

Rating Straight Over Rear — 1/4 MPH Travel

On Rubber and Fully Extended Rolling Rear Outriggers

or 360 Degree Rating On Fully Extended Outriggers — No Travel

Meets
ANSI B30.5
Requirements

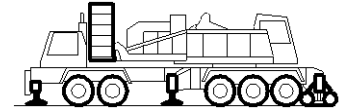


60 Ft. Boom								
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	27,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. 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 *	192,900	163,900	22
24	72.3	65.5	209,800 *	200,600 *	184,900	160,500	136,000	24
26	70.3	64.8	193,500 *	179,100	158,000	137,000	115,900	26
28	68.2	63.9	174,600	156,100	137,600	119,100	100,600	28
30	66.1	63.0	154,700	138,200	121,700	105,100	88,600	30
32	64.0	61.9	138,600	123,700	108,800	93,900	79,000	32
34	61.8	60.8	125,300	111,800	98,200	84,600	71,100	34
36	59.5	59.6	114,300	101,800	89,300	76,900	64,400	36
38	57.2	58.2	104,800	93,300	81,800	70,300	58,800	38
40	54.9	56.8	96,700	86,000	75,300	64,600	53,900	40
45	48.6	52.5	80,700	71,600	62,500	53,300	44,200	45
50	41.6	47.1	68,800	60,800	52,900	45,000	36,800	50
55	33.3	40.0	59,500	52,500	45,500	38,400	30,900	55
60	22.1	29.4	52,000	45,700	39,500	33,200	26,100	60

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

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
or 360 Degree Rating On Fully Extended Outriggers — No Travel



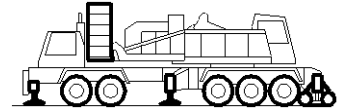
70 Ft. Boom

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 Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. 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 *	194,700	165,600	22
24	75.0	76.1	210,600 *	201,600 *	186,500	162,100	137,600	24
26	73.2	75.4	194,000 *	180,500	159,500	138,400	117,400	26
28	71.5	74.7	176,000	157,500	139,000	120,500	102,000	28
30	69.7	73.9	156,000	139,500	123,000	106,500	90,000	30
32	68.0	73.1	139,900	125,000	110,100	95,200	80,300	32
34	66.2	72.1	126,600	113,000	99,500	85,900	72,300	34
36	64.3	71.1	115,500	103,000	90,600	78,100	65,700	36
38	62.5	70.0	106,100	94,500	83,000	71,500	60,000	38
40	60.6	68.9	97,900	87,200	76,500	65,800	55,100	40
45	55.6	65.5	81,900	72,800	63,700	54,500	45,400	45
50	50.4	61.5	70,000	62,000	54,100	46,200	38,200	50
55	44.6	56.6	60,800	53,700	46,700	39,700	32,500	55
60	38.2	50.5	53,400	47,100	40,800	34,500	27,800	60
65	30.6	42.6	47,400	41,700	36,000	30,300	23,900	65
70	20.3	31.1	42,300	37,100	31,900	26,700	20,600	70

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

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
or 360 Degree Rating On Fully Extended Outriggers — No Travel

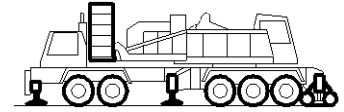


80 Ft. Boom								
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	27,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. 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 *	195,500	166,500	22
24	76.9	86.4	210,500 *	201,400 *	187,200	162,800	138,400	24
26	75.4	85.9	194,300 *	181,200	160,100	139,100	118,000	26
28	73.9	85.3	176,600	158,100	139,600	121,100	102,600	28
30	72.4	84.6	156,500	140,000	123,500	107,000	90,500	30
32	70.9	83.9	140,300	125,400	110,500	95,600	80,700	32
34	69.3	83.1	127,000	113,400	99,900	86,300	72,700	34
36	67.8	82.2	115,900	103,400	90,900	78,500	66,000	36
38	66.2	81.3	106,400	94,900	83,400	71,800	60,300	38
40	64.6	80.3	98,300	87,600	76,900	66,100	55,400	40
45	60.5	77.5	82,200	73,100	64,000	54,800	45,700	45
50	56.2	74.2	70,200	62,300	54,400	46,500	38,500	50
55	51.7	70.3	61,000	54,000	47,000	40,000	32,800	55
60	46.8	65.8	53,700	47,400	41,100	34,800	28,100	60
65	41.5	60.3	47,700	42,000	36,300	30,600	24,300	65
70	35.5	53.6	42,700	37,500	32,300	27,100	21,100	70
75	28.4	45.0	38,500	33,700	28,900	24,100	18,400	75
80	18.8	32.6	34,800	30,300	25,900	21,400	15,900	80

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

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
or 360 Degree Rating On Fully Extended Outriggers — No Travel



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 Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. 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 *	167,200	22
24	78.4	96.8	210,300 *	201,300 *	187,800	163,400	139,000	24
26	77.1	96.3	194,100 *	181,700	160,600	139,600	118,500	26
28	75.7	95.7	177,000	158,500	140,000	121,500	103,000	28
30	74.4	95.1	156,900	140,400	123,900	107,400	90,900	30
32	73.1	94.5	140,700	125,800	110,900	96,000	81,100	32
34	71.7	93.8	127,300	113,800	100,200	86,600	73,100	34
36	70.4	93.0	116,200	103,700	91,200	78,800	66,300	36
38	69.0	92.2	106,700	95,200	83,600	72,100	60,600	38
40	67.6	91.4	98,500	87,800	77,100	66,400	55,700	40
45	64.1	89.0	82,400	73,300	64,200	55,100	45,900	45
50	60.4	86.2	70,400	62,500	54,600	46,700	38,700	50
55	56.6	82.9	61,200	54,200	47,200	40,200	33,000	55
60	52.7	79.2	53,900	47,600	41,300	35,000	28,400	60
65	48.5	74.8	47,900	42,200	36,500	30,800	24,600	65
70	43.9	69.8	43,000	37,700	32,500	27,300	21,400	70
75	39.0	63.8	38,800	34,000	29,100	24,300	18,700	75
80	33.4	56.6	35,200	30,700	26,200	21,800	16,400	80
85	26.7	47.3	32,000	27,800	23,700	19,500	14,300	85
90	17.6	34.1	29,200	25,300	21,400	17,300	12,400	90

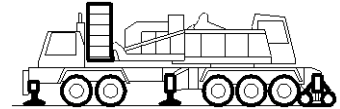
Liftcrane Boom Capacities

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
or 360 Degree Rating On Fully Extended Outriggers — No Travel

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 Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. 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 *	188,300	163,800	24
26	78.4	106.5	188,700 *	182,000	161,000	139,900	26
28	77.2	106.1	177,300	158,800	140,300	121,800	28
30	76.0	105.5	157,100	140,600	124,100	107,600	30
32	74.8	105.0	140,900	126,000	111,100	96,200	32
34	73.6	104.3	127,500	113,900	100,400	86,800	34
36	72.4	103.7	116,300	103,800	91,400	78,900	36
38	71.2	103.0	106,800	95,300	83,800	72,200	38
40	70.0	102.2	98,600	87,900	77,200	66,500	40
45	66.9	100.1	82,500	73,300	64,200	55,100	45
50	63.7	97.6	70,500	62,600	54,600	46,700	50
55	60.4	94.8	61,200	54,200	47,200	40,200	55
60	57.0	91.6	53,900	47,600	41,300	35,000	60
65	53.4	88.0	47,900	42,200	36,500	30,800	65
70	49.7	83.8	43,000	37,700	32,500	27,300	70
75	45.8	79.0	38,800	34,000	29,200	24,400	75
80	41.5	73.5	35,200	30,700	26,300	21,800	80
85	36.8	67.1	32,100	27,900	23,800	19,500	85
90	31.5	59.3	29,300	25,400	21,500	17,400	90
95	25.2	49.5	26,900	23,200	19,600	15,500	95
100	16.6	35.4	24,700	21,200	17,800	13,800	100

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
27,400 Lb. to 95,400 Lb. Crane Counterweight

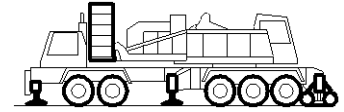
Without Front Bumper Counterweight

Rating Straight Over Rear — 1/4 MPH Travel

On Rubber and Fully Extended Rolling Rear Outriggers

or 360 Degree Rating On Fully Extended Outriggers — No Travel

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 Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. 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 *	164,200	24
26	79.5	116.8	176,000 *	176,000 *	161,300	140,200	26
28	78.4	116.3	167,000 *	159,100	140,600	122,100	28
30	77.3	115.9	157,300	140,800	124,300	107,800	30
32	76.2	115.4	141,100	126,200	111,300	96,400	32
34	75.2	114.8	127,700	114,100	100,500	86,900	34
36	74.1	114.2	116,400	104,000	91,500	79,100	36
38	73.0	113.6	106,900	95,400	83,900	72,400	38
40	71.9	112.9	98,700	88,000	77,300	66,600	40
45	69.1	111.0	82,500	73,400	64,300	55,200	45
50	66.3	108.8	70,500	62,600	54,700	46,700	50
55	63.3	106.3	61,300	54,300	47,300	40,200	55
60	60.4	103.5	53,900	47,600	41,400	35,100	60
65	57.3	100.3	48,000	42,300	36,500	30,800	65
70	54.1	96.7	43,000	37,800	32,600	27,300	70
75	50.7	92.7	38,800	34,000	29,200	24,400	75
80	47.2	88.2	35,200	30,800	26,300	21,800	80
85	43.5	83.0	32,100	28,000	23,800	19,600	85
90	39.4	77.1	29,400	25,500	21,600	17,500	90
95	35.0	70.2	27,000	23,300	19,700	15,700	95
100	30.0	61.9	24,800	21,400	17,900	14,000	100
105	24.0	51.6	22,900	19,600	16,400	12,500	105
110	15.8	36.7	21,100	18,000	14,900	11,100	110

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

27,400 Lb. to 95,400 Lb. Crane Counterweight

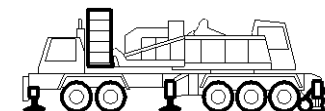
Without Front Bumper Counterweight

Rating Straight Over Rear — 1/4 MPH Travel

On Rubber and Fully Extended Rolling Rear Outriggers

or 360 Degree Rating On Fully Extended Outriggers — No Travel

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 Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. 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 *	164,700	24
26	80.3	127.0	169,000 *	169,000 *	161,700	140,600	26
28	79.4	126.6	160,100 *	159,400	140,900	122,400	28
30	78.4	126.1	152,000 *	141,200	124,700	108,200	30
32	77.4	125.7	141,400	126,500	111,600	96,700	32
34	76.4	125.2	127,900	114,400	100,800	87,200	34
36	75.4	124.6	116,700	104,300	91,800	79,300	36
38	74.4	124.0	107,200	95,700	84,100	72,600	38
40	73.4	123.4	99,000	88,300	77,600	66,900	40
45	70.9	121.7	82,800	73,700	64,500	55,400	45
50	68.4	119.7	70,800	62,800	54,900	47,000	50
55	65.7	117.5	61,500	54,500	47,500	40,500	55
60	63.1	115.0	54,200	47,900	41,600	35,300	60
65	60.3	112.2	48,200	42,500	36,800	31,100	65
70	57.5	109.0	43,200	38,000	32,800	27,600	70
75	54.6	105.5	39,000	34,200	29,400	24,600	75
80	51.6	101.6	35,400	31,000	26,500	22,100	80
85	48.4	97.2	32,300	28,200	24,000	19,900	85
90	45.0	92.3	29,600	25,700	21,800	17,800	90
95	41.5	86.8	27,200	23,600	19,900	16,000	95
100	37.6	80.5	25,100	21,600	18,200	14,300	100
105	33.4	73.1	23,200	19,900	16,700	12,800	105
110	28.6	64.4	21,400	18,300	15,200	11,500	110
115	22.9	53.5	19,900	16,900	13,900	10,300	115
120	15.1	38.0	18,400	15,600	12,600	9,100	120

Liftcrane Boom Capacities

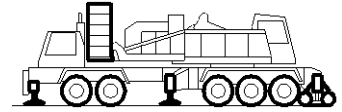
Boom No. 78T With Heavy Lift Top
27,400 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight

Rating Straight Over Rear — 1/4 MPH Travel

On Rubber and Fully Extended Rolling Rear Outriggers

or 360 Degree Rating On Fully Extended Outriggers — No Travel

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	Oper. Rad. Feet
			Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	
22	82.9	137.8	178,100 *	178,100 *	178,100 *	22
24	82.0	137.5	168,900 *	168,900 *	168,900 *	24
26	81.1	137.1	160,500 *	160,500 *	160,500 *	26
28	80.2	136.8	152,700 *	152,700 *	141,100	28
30	79.3	136.4	145,700 *	141,300	124,800	30
32	78.4	135.9	139,100 *	126,600	111,700	32
34	77.5	135.5	128,000	114,400	100,900	34
36	76.6	135.0	116,700	104,300	91,800	36
38	75.7	134.4	107,200	95,700	84,100	38
40	74.8	133.9	99,000	88,300	77,500	40
45	72.5	132.3	82,700	73,600	64,500	45
50	70.1	130.5	70,700	62,700	54,800	50
55	67.7	128.5	61,400	54,400	47,400	55
60	65.3	126.2	54,000	47,700	41,400	60
65	62.8	123.6	48,000	42,300	36,600	65
70	60.3	120.8	43,100	37,900	32,600	70
75	57.7	117.7	38,900	34,100	29,300	75
80	55.0	114.2	35,300	30,800	26,400	80
85	52.2	110.4	32,200	28,000	23,900	85
90	49.4	106.2	29,500	25,600	21,700	90
95	46.3	101.5	27,100	23,400	19,800	95
100	43.1	96.2	24,900	21,500	18,100	100
105	39.7	90.3	23,000	19,800	16,500	105
110	36.1	83.7	21,300	18,200	15,100	110
115	32.0	76.0	19,800	16,800	13,800	115
120	27.4	66.8	18,300	15,500	12,500	120
125	21.9	55.4	17,000	14,300	11,300	125
130	14.4	39.1	15,800	13,200	10,200	130

Liftcrane Boom Capacities

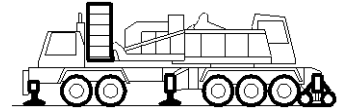
Boom No. 78T With Heavy Lift Top
27,400 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight

Rating Straight Over Rear — 1/4 MPH Travel

On Rubber and Fully Extended Rolling Rear Outriggers
or 360 Degree Rating On Fully Extended Outriggers — No Travel

Meets
ANSI B30.5
Requirements

777T



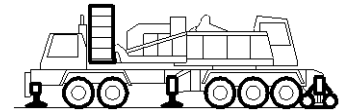
140 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	
24	82.6	147.6	160,600 *	160,600 *	160,600 *	24
26	81.7	147.3	153,300 *	153,300 *	153,300 *	26
28	80.9	146.9	145,700 *	145,700 *	141,200	28
30	80.1	146.6	138,700 *	138,700 *	124,900	30
32	79.2	146.2	132,200 *	126,600	111,700	32
34	78.4	145.7	126,200 *	114,400	100,900	34
36	77.6	145.3	116,700	104,300	91,800	36
38	76.7	144.8	107,200	95,600	84,100	38
40	75.9	144.3	98,900	88,200	77,500	40
45	73.7	142.8	82,600	73,500	64,400	45
50	71.6	141.2	70,600	62,700	54,700	50
55	69.4	139.3	61,300	54,300	47,300	55
60	67.2	137.2	53,900	47,600	41,300	60
65	64.9	134.9	47,900	42,200	36,500	65
70	62.6	132.3	42,900	37,700	32,500	70
75	60.3	129.5	38,700	33,900	29,100	75
80	57.9	126.4	35,100	30,700	26,200	80
85	55.4	122.9	32,000	27,900	23,700	85
90	52.8	119.2	29,300	25,400	21,500	90
95	50.2	115.1	26,900	23,300	19,600	95
100	47.4	110.5	24,800	21,400	17,900	100
105	44.5	105.5	22,900	19,600	16,400	105
110	41.5	100.0	21,200	18,100	15,000	110
115	38.2	93.8	19,600	16,700	13,600	115
120	34.7	86.8	18,200	15,400	12,400	120
125	30.8	78.7	16,900	14,200	11,200	125
130	26.4	69.1	15,700	13,100	10,100	130
135	21.1	57.2	14,600	12,100	9,100	135
140	13.9	40.3	13,500	11,100	8,100	140

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

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
or 360 Degree Rating On Fully Extended Outriggers — No Travel



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	Oper. Rad. Feet
			Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	Boom Capacity Rear or 360 Deg. Pounds	
26	82.3	157.4	161,100 *	161,100 *	161,100 *	26
28	81.5	157.1	155,100 *	155,100 *	141,400	28
30	80.7	156.7	148,000 *	141,500	125,000	30
32	80.0	156.4	138,900 *	126,600	111,700	32
34	79.2	156.0	128,000	114,400	100,900	34
36	78.4	155.5	116,700	104,200	91,800	36
38	77.6	155.1	107,100	95,500	84,000	38
40	76.8	154.6	98,800	88,100	77,400	40
45	74.9	153.2	82,400	73,300	64,200	45
50	72.9	151.7	70,300	62,400	54,500	50
55	70.8	150.0	61,000	54,000	47,000	55
60	68.8	148.1	53,600	47,300	41,000	60
65	66.7	145.9	47,600	41,900	36,200	65
70	64.6	143.6	42,600	37,400	32,200	70
75	62.5	141.0	38,400	33,600	28,800	75
80	60.3	138.1	34,800	30,300	25,900	80
85	58.0	135.0	31,700	27,500	23,300	85
90	55.7	131.7	28,900	25,000	21,200	90
95	53.3	128.0	26,500	22,900	19,200	95
100	50.9	123.9	24,400	21,000	17,500	100
105	48.3	119.6	22,500	19,200	16,000	105
110	45.7	114.7	20,800	17,700	14,500	110
115	42.9	109.5	19,200	16,300	13,100	115
120	40.0	103.6	17,800	15,000	11,900	120
125	36.8	97.1	16,500	13,800	10,700	125
130	33.4	89.7	15,300	12,800	9,600	130
135	29.7	81.3	14,200	11,700	8,600	135
140	25.4	71.3	13,200	10,700	7,700	140
145	20.3	58.9	12,200	9,700	6,800	145
150	13.4	41.4	11,300	8,700	6,000	150