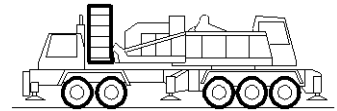


Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear On Rubber - 1/4 MPH Travel

Meets
ANSI B30.5
Requirements



LIFTING CAPACITIES: Lifting 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 jib, all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib 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 surface. Refer to boom rigging **No. 192043**, Wire Rope Specification chart **No. 7973-A** and Operating Range Diagram chart **No. 7974-D**. Crane operator judgment must be used to allow for dynamic load effects of hoisting or lowering, travel, wind conditions, ground conditions, condition and inflation of tires (116 PSI minimum), as well as adverse operating conditions and physical machine depreciation.

Loads lifted may increase radius due to tire deflection. This increase must be compensated for by raising boom. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel (1/4 MPH) on a firm, level and uniformly supporting surface and boom within boom angle range shown in capacity chart. Refer to Maximum

Allowable Travel Specification chart **No. 7976-A**, 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 outriggers, two 12 in. boom hoist cylinders, 26 Ft. mast, two boom support straps, crane counterweight as specified and without front bumper counterweight.

Note: Travel not allowed with 95,400 Lb. crane counterweight without boom attached.

Swing over side on rubber not allowed with 27,400 Lb. thru 95,400 Lb. crane counterweight.

Swing over side on rubber with 0 Lb. or 10,400 Lb. crane counterweight is allowed with or without boom attached.

360 degree swing on rubber with 0 Lb. or 10,400 Lb. crane counterweight is allowed without boom attached.

Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 134
30 Ft.	3,900 Lbs.
40 Ft.	4,700 Lbs.
50 Ft.	5,600 Lbs.
60 Ft.	6,600 Lbs.
70 Ft.	7,600 Lbs.
80 Ft.	8,700 Lbs.

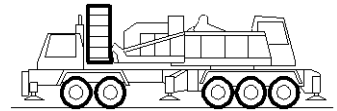
Upper Boom Point Deduct
Deduct 1,000 Lbs. from capacities when upper boom point is attached.

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

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear On Rubber - 1/4 MPH Travel

Meets
 ANSI B30.5
 Requirements



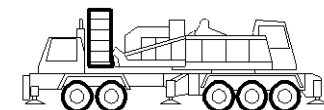
Maximum Boom and Jib Lengths Lifted Unassisted On Outriggers						
Over Rear of Outriggers		Over Side of Fully Extended Outriggers		Over Side of Partially Extended Outriggers		Over Side of Fully Retracted Outriggers
Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length
95,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.						
(a) 270 Ft.	—	220 Ft.	—	Not Allowed		Not Allowed
(b) 260 Ft.	—	210 Ft.	—			
250 Ft.	—	200 Ft.	30 Ft.			
240 Ft.	30 Ft.	190 Ft.	60 Ft.			
230 Ft.	50 Ft.	180 Ft.	80 Ft.			
220 Ft.	80 Ft.					
95,400 Lb. Crane Counterweight						
(c) 240 Ft.	—	220 Ft.	—	Not Allowed		Not Allowed
230 Ft.	—	210 Ft.	—			
210 Ft.	40 Ft.	200 Ft.	30 Ft.			
200 Ft.	70 Ft.	190 Ft.	60 Ft.			
190 Ft.	80 Ft.	180 Ft.	80 Ft.			
78,400 Lb. Crane Counterweight						
220 Ft.	—	200 Ft.	—	180 Ft.	—	Not Allowed
210 Ft.	—	190 Ft.	—	170 Ft.	—	
200 Ft.	30 Ft.	180 Ft.	50 Ft.	160 Ft.	40 Ft.	
190 Ft.	60 Ft.	170 Ft.	70 Ft.	150 Ft.	70 Ft.	
180 Ft.	80 Ft.	160 Ft.	80 Ft.	140 Ft.	80 Ft.	
61,400 Lb. Crane Counterweight						
200 Ft.	—	180 Ft.	—	160 Ft.	—	Not Allowed
190 Ft.	—	170 Ft.	30 Ft.	150 Ft.	—	
180 Ft.	40 Ft.	160 Ft.	50 Ft.	140 Ft.	50 Ft.	
170 Ft.	70 Ft.	150 Ft.	70 Ft.	130 Ft.	80 Ft.	
160 Ft.	80 Ft.	140 Ft.	80 Ft.			
44,400 Lb. Crane Counterweight						
180 Ft.	—	160 Ft.	—	140 Ft.	—	Not Allowed
170 Ft.	—	150 Ft.	30 Ft.	130 Ft.	30 Ft.	
160 Ft.	40 Ft.	140 Ft.	60 Ft.	120 Ft.	60 Ft.	
150 Ft.	70 Ft.	130 Ft.	80 Ft.	110 Ft.	80 Ft.	
140 Ft.	80 Ft.					
Load block, hook and weight ball on ground at start. (a) Upper boom point and auxiliary drum cannot be used on 270 Ft. boom. (b) Upper boom point cannot be used on 260 Ft. boom over rear. (c) Upper boom point cannot be used on 240 Ft. boom over rear.						

Maximum Boom and Jib Lengths Lifted Unassisted On Rubber		
Over Rear		Over Side
Boom Length	Jib No. 134	Boom Length
95,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.		
Not Allowed		
95,400 Lb. Crane Counterweight		
150 Ft.	—	Not Allowed
140 Ft.	—	
130 Ft.	40 Ft.	
120 Ft.	70 Ft.	
110 Ft.	80 Ft.	
78,400 Lb. Crane Counterweight		
130 Ft.	—	Not Allowed
120 Ft.	30 Ft.	
110 Ft.	50 Ft.	
100 Ft.	80 Ft.	
61,400 Lb. Crane Counterweight		
120 Ft.	—	Not Allowed
110 Ft.	—	
100 Ft.	40 Ft.	
44,400 Lb. Crane Counterweight		
100 Ft.	—	Not Allowed
Load block, hook and weight ball on ground at start.		

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear On Rubber - 1/4 MPH Travel

Meets
 ANSI B30.5
 Requirements



Maximum Boom and Jib Lengths Lifted Unassisted On Outriggers						
Over Rear of Outriggers		Over Side of Fully Extended Outriggers		Over Side of Partially Extended Outriggers		Over Side of Fully Retracted Outriggers
Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length
27,400 Lb. Crane Counterweight						
160 Ft.	—	140 Ft.	—	120 Ft.	—	70 Ft.
150 Ft.	—	130 Ft.	30 Ft.	110 Ft.	—	
140 Ft.	50 Ft.	120 Ft.	60 Ft.	100 Ft.	50 Ft.	
130 Ft.	80 Ft.	110 Ft.	80 Ft.			
10,400 Lb. Crane Counterweight						
140 Ft.	—	120 Ft.	—	100 Ft.	—	42.5 Ft.
130 Ft.	—	110 Ft.	—			
120 Ft.	50 Ft.	100 Ft.	50 Ft.			
110 Ft.	70 Ft.					
100 Ft.	80 Ft.					
0 Lb. Crane Counterweight						
130 Ft.	—	100 Ft.	—	80 Ft.	—	
120 Ft.	—					Not Allowed
110 Ft.	40 Ft.					
100 Ft.	60 Ft.					
Load block, hook and weight ball on ground at start.						

Maximum Boom and Jib Lengths Lifted Unassisted On Rubber		
Over Rear		Over Side
Boom Length	Jib No. 134	Boom Length
27,400 Lb. Crane Counterweight		
80 Ft.	—	Not Allowed
10,400 Lb. Crane Counterweight		
60 Ft.	—	42.5 Ft.
0 Lb. Crane Counterweight		
42.5 Ft.	—	Not Allowed
Load block, hook and weight ball on ground at start.		

Jib may remain attached as shown in raising table for raising over rear on rubber but must not be used to pick loads on rubber.

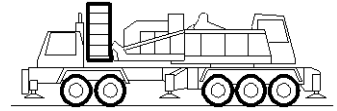
Refer to chart **No. 8094-B** for over side sector on rubber boom capacities, chart **No. 8063-A** for fully extended outrigger boom capacities, chart **No. 8095-A** for partially extended outrigger boom capacities and chart **No. 8096-A** for fully retracted outrigger boom capacities.

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear On Rubber - 1/4 MPH Travel

Meets
ANSI B30.5
Requirements

777T



42.5 Ft. Boom

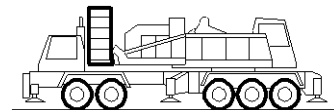


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight Boom Capacity Pounds	78,400 Lb. Counterweight Boom Capacity Pounds	61,400 Lb. Counterweight Boom Capacity Pounds	44,400 Lb. Counterweight Boom Capacity Pounds	27,400 Lb. Counterweight Boom Capacity Pounds	10,400 Lb. Counterweight Boom Capacity Pounds	0 Lb. Counterweight Boom Capacity Pounds	Oper. Rad. Feet
12	81.6	50.3	168,000 *	168,000 *	168,000 *	142,100	114,400	86,700	69,800	12
13	80.2	50.1	162,700 *	162,700 *	152,700	127,600	102,400	77,300	62,100	13
14	78.8	49.8	157,700 *	157,700 *	138,400	115,500	92,600	69,600	55,700	14
15	77.4	49.6	152,900 *	147,600	126,500	105,400	84,200	63,100	50,300	15
16	76.0	49.3	148,400 *	135,800	116,300	96,700	77,100	57,600	45,700	16
17	74.6	48.9	143,900	125,700	107,400	89,200	71,000	52,800	41,700	17
18	73.1	48.6	133,900	116,800	99,700	82,700	65,600	48,600	38,200	18
19	71.7	48.2	125,000	109,000	93,000	77,000	60,900	44,900	35,100	19
20	70.2	47.8	117,200	102,100	87,000	71,900	56,700	41,600	32,400	20
22	67.2	46.9	103,900	90,400	76,800	63,200	49,600	36,100	27,800	22
24	64.1	45.8	93,100	80,800	68,500	56,200	43,900	31,500	24,000	24
26	61.0	44.6	84,100	72,800	61,600	50,300	39,000	27,800	20,900	26
28	57.7	43.3	76,500	66,100	55,700	45,300	34,900	24,500	18,200	28
30	54.2	41.8	70,000	60,300	50,700	41,100	31,400	21,800	15,900	30
32	50.6	40.0	64,300	55,300	46,300	37,300	28,400	19,400	13,900	32
34	46.8	38.1	59,300	50,900	42,500	34,100	25,700	17,300	12,100	34
36	42.7	35.8	54,900	47,000	39,100	31,200	23,300	15,400	10,600	36
38	38.2	33.2	51,000	43,500	36,100	28,600	21,100	13,700	9,100	38
40	33.1	30.0	47,500	40,400	33,300	26,200	19,200	12,100	7,800	40
45	12.7	16.0	39,700	33,500	27,200	21,000	14,700	8,500	4,700	45

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear On Rubber - 1/4 MPH Travel

Meets
ANSI B30.5
Requirements



60 Ft. Boom

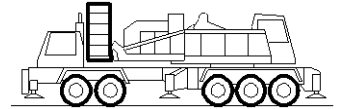
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	27,400 Lb. Counterweight	10,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
14	82.2	68.2	153,200 *	153,200 *	138,400	115,400	92,500	69,500	14
15	81.3	68.0	148,600 *	147,500	126,400	105,300	84,100	63,000	15
16	80.3	67.8	144,300 *	135,700	116,200	96,600	77,000	57,500	16
17	79.3	67.6	140,100 *	125,600	107,400	89,100	70,900	52,700	17
18	78.3	67.4	133,800	116,700	99,700	82,600	65,500	48,500	18
19	77.3	67.1	125,000	108,900	92,900	76,900	60,800	44,800	19
20	76.4	66.8	117,100	102,000	86,900	71,800	56,700	41,600	20
22	74.4	66.2	103,900	90,300	76,700	63,200	49,600	36,000	22
24	72.3	65.5	93,100	80,800	68,500	56,100	43,800	31,500	24
26	70.3	64.8	84,100	72,800	61,600	50,300	39,000	27,800	26
28	68.2	63.9	76,500	66,100	55,700	45,400	35,000	24,600	28
30	66.1	63.0	70,000	60,400	50,800	41,100	31,500	21,900	30
32	64.0	61.9	64,400	55,400	46,500	37,500	28,500	19,500	32
34	61.8	60.8	59,500	51,100	42,700	34,300	25,800	17,400	34
36	59.5	59.6	55,200	47,300	39,300	31,400	23,500	15,600	36
38	57.2	58.2	51,300	43,900	36,400	28,900	21,400	14,000	38
40	54.9	56.8	47,900	40,800	33,700	26,700	19,600	12,500	40
45	48.6	52.5	40,600	34,400	28,200	21,900	15,700	9,400	45
50	41.6	47.1	34,900	29,300	23,700	18,100	12,500	6,900	50
55	33.3	40.0	30,100	25,100	20,000	15,000	9,900	4,900	55
60	22.1	29.4	26,100	21,500	16,900	12,300	7,600	3,000	60

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear On Rubber - 1/4 MPH Travel

Meets
ANSI B30.5
Requirements

777T



70 Ft. Boom

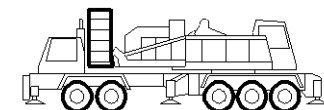


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	27,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
15	82.5	78.2	148,100 *	148,100 *	127,500	106,300	85,200	15
16	81.7	78.0	143,800 *	136,800	117,200	97,700	78,100	16
17	80.9	77.8	139,800 *	126,600	108,400	90,200	72,000	17
18	80.0	77.6	134,800	117,800	100,700	83,700	66,600	18
19	79.2	77.4	126,000	110,000	93,900	77,900	61,900	19
20	78.4	77.2	118,200	103,100	87,900	72,800	57,700	20
22	76.7	76.6	104,900	91,400	77,800	64,200	50,600	22
24	75.0	76.1	94,100	81,800	69,500	57,200	44,900	24
26	73.2	75.4	85,200	73,900	62,600	51,300	40,100	26
28	71.5	74.7	77,600	67,200	56,800	46,400	36,000	28
30	69.7	73.9	71,100	61,500	51,800	42,200	32,600	30
32	68.0	73.1	65,500	56,500	47,500	38,500	29,600	32
34	66.2	72.1	60,600	52,200	43,800	35,300	26,900	34
36	64.3	71.1	56,300	48,300	40,400	32,500	24,600	36
38	62.5	70.0	52,400	45,000	37,500	30,000	22,500	38
40	60.6	68.9	49,000	41,900	34,800	27,800	20,700	40
45	55.6	65.5	41,800	35,500	29,300	23,100	16,800	45
50	50.4	61.5	36,100	30,500	24,900	19,300	13,700	50
55	44.6	56.6	31,400	26,400	21,300	16,300	11,200	55
60	38.2	50.5	27,500	22,900	18,300	13,700	9,100	60
65	30.6	42.6	24,200	20,000	15,700	11,500	7,200	65
70	20.3	31.1	21,300	17,400	13,400	9,500	5,600	70

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear On Rubber - 1/4 MPH Travel

Meets
ANSI B30.5
Requirements



80 Ft. Boom



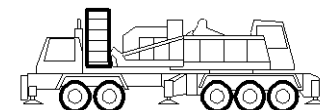
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	27,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
16	82.7	88.1	142,300 *	137,000	117,400	97,800	78,300	16
17	82.0	88.0	138,300 *	126,800	108,500	90,300	72,100	17
18	81.3	87.8	134,500 *	117,900	100,800	83,800	66,700	18
19	80.6	87.6	126,100	110,100	94,100	78,000	62,000	19
20	79.8	87.4	118,300	103,200	88,100	72,900	57,800	20
22	78.4	87.0	105,000	91,500	77,900	64,300	50,700	22
24	76.9	86.4	94,200	81,900	69,600	57,300	45,000	24
26	75.4	85.9	85,200	74,000	62,700	51,400	40,100	26
28	73.9	85.3	77,600	67,300	56,900	46,500	36,100	28
30	72.4	84.6	71,200	61,500	51,900	42,300	32,600	30
32	70.9	83.9	65,600	56,600	47,600	38,600	29,600	32
34	69.3	83.1	60,600	52,200	43,800	35,400	27,000	34
36	67.8	82.2	56,300	48,400	40,500	32,600	24,700	36
38	66.2	81.3	52,500	45,000	37,500	30,100	22,600	38
40	64.6	80.3	49,000	42,000	34,900	27,800	20,800	40
45	60.5	77.5	41,900	35,600	29,400	23,100	16,900	45
50	56.2	74.2	36,200	30,600	25,000	19,400	13,800	50
55	51.7	70.3	31,500	26,500	21,400	16,400	11,300	55
60	46.8	65.8	27,700	23,100	18,500	13,800	9,200	60
65	41.5	60.3	24,400	20,200	15,900	11,700	7,400	65
70	35.5	53.6	21,600	17,700	13,800	9,800	5,900	70
75	28.4	45.0	19,200	15,500	11,800	8,200	4,500	75
80	18.8	32.6	16,900	13,500	10,100	6,700	3,200	80

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear On Rubber - 1/4 MPH Travel

Meets
ANSI B30.5
Requirements

777T



90 Ft. Boom

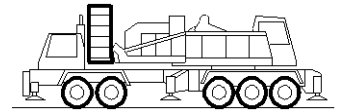


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	44,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
17	82.9	98.1	136,900 *	126,900	108,600	90,400	17
18	82.3	97.9	133,200 *	118,000	100,900	83,900	18
19	81.6	97.8	126,200	110,200	94,100	78,100	19
20	81.0	97.6	118,400	103,200	88,100	73,000	20
22	79.7	97.2	105,100	91,500	77,900	64,400	22
24	78.4	96.8	94,300	81,900	69,600	57,300	24
26	77.1	96.3	85,300	74,000	62,700	51,500	26
28	75.7	95.7	77,700	67,300	56,900	46,500	28
30	74.4	95.1	71,200	61,600	51,900	42,300	30
32	73.1	94.5	65,600	56,600	47,600	38,600	32
34	71.7	93.8	60,700	52,300	43,800	35,400	34
36	70.4	93.0	56,400	48,400	40,500	32,600	36
38	69.0	92.2	52,500	45,000	37,600	30,100	38
40	67.6	91.4	49,100	42,000	34,900	27,900	40
45	64.1	89.0	41,900	35,700	29,400	23,200	45
50	60.4	86.2	36,200	30,600	25,000	19,500	50
55	56.6	82.9	31,600	26,500	21,500	16,400	55
60	52.7	79.2	27,800	23,200	18,500	13,900	60
65	48.5	74.8	24,500	20,300	16,000	11,800	65
70	43.9	69.8	21,800	17,800	13,900	10,000	70
75	39.0	63.8	19,400	15,700	12,000	8,400	75
80	33.4	56.6	17,200	13,800	10,400	7,000	80
85	26.7	47.3	15,300	12,100	8,900	5,700	85
90	17.6	34.1	13,600	10,600	7,500	4,500	90

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear On Rubber - 1/4 MPH 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 Pounds	Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
18	83.0	108.1	131,600 *	117,900	100,900	83,800	18
19	82.5	107.9	126,100	110,100	94,100	78,000	19
20	81.9	107.7	118,300	103,100	88,000	72,900	20
22	80.7	107.4	105,000	91,400	77,800	64,300	22
24	79.6	107.0	94,100	81,800	69,500	57,200	24
26	78.4	106.5	85,100	73,900	62,600	51,300	26
28	77.2	106.1	77,500	67,200	56,800	46,400	28
30	76.0	105.5	71,000	61,400	51,800	42,100	30
32	74.8	105.0	65,400	56,400	47,500	38,500	32
34	73.6	104.3	60,500	52,100	43,700	35,300	34
36	72.4	103.7	56,200	48,300	40,400	32,400	36
38	71.2	103.0	52,400	44,900	37,400	29,900	38
40	70.0	102.2	48,900	41,800	34,800	27,700	40
45	66.9	100.1	41,700	35,500	29,200	23,000	45
50	63.7	97.6	36,000	30,500	24,900	19,300	50
55	60.4	94.8	31,400	26,400	21,300	16,300	55
60	57.0	91.6	27,600	23,000	18,400	13,800	60
65	53.4	88.0	24,400	20,200	15,900	11,700	65
70	49.7	83.8	21,600	17,700	13,800	9,800	70
75	45.8	79.0	19,300	15,600	11,900	8,300	75
80	41.5	73.5	17,200	13,700	10,300	6,900	80
85	36.8	67.1	15,300	12,100	8,900	5,700	85
90	31.5	59.3	13,600	10,600	7,600	4,500	90
95	25.2	49.5	12,100	9,300	6,400	3,500	95
100	16.6	35.4	10,700	8,000	5,300	2,500	100

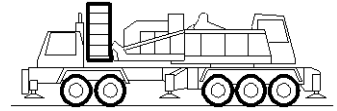
Liftcrane Boom Capacities

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

Rating Straight Over Rear On Rubber - 1/4 MPH Travel

Meets
ANSI B30.5
Requirements

777T



110 Ft. Boom

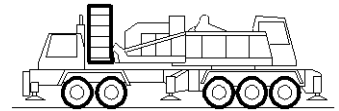


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
20	82.6	117.9	118,200	103,100	88,000	20
22	81.6	117.5	104,900	91,300	77,800	22
24	80.5	117.2	94,100	81,800	69,400	24
26	79.5	116.8	85,100	73,800	62,500	26
28	78.4	116.3	77,500	67,100	56,700	28
30	77.3	115.9	71,000	61,300	51,700	30
32	76.2	115.4	65,300	56,400	47,400	32
34	75.2	114.8	60,400	52,000	43,600	34
36	74.1	114.2	56,100	48,200	40,300	36
38	73.0	113.6	52,300	44,800	37,300	38
40	71.9	112.9	48,800	41,700	34,700	40
45	69.1	111.0	41,600	35,400	29,200	45
50	66.3	108.8	36,000	30,400	24,800	50
55	63.3	106.3	31,300	26,300	21,200	55
60	60.4	103.5	27,500	22,900	18,300	60
65	57.3	100.3	24,300	20,100	15,800	65
70	54.1	96.7	21,600	17,600	13,700	70
75	50.7	92.7	19,200	15,500	11,900	75
80	47.2	88.2	17,100	13,700	10,300	80
85	43.5	83.0	15,300	12,100	8,800	85
90	39.4	77.1	13,600	10,600	7,600	90
95	35.0	70.2	12,200	9,300	6,400	95
100	30.0	61.9	10,800	8,100	5,400	100
105	24.0	51.6	9,600	7,000	4,400	105
110	15.8	36.7	8,400	5,900	3,500	110

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear On Rubber - 1/4 MPH Travel

Meets
ANSI B30.5
Requirements



120 Ft. Boom



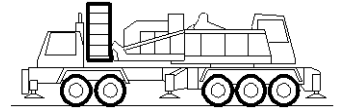
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight	61,400 Lb. Counterweight	Oper. Rad. Feet
			Boom Capacity Pounds	Boom Capacity Pounds	Boom Capacity Pounds	
22	82.3	127.7	105,100	91,500	78,000	22
24	81.3	127.3	94,300	81,900	69,600	24
26	80.3	127.0	85,200	74,000	62,700	26
28	79.4	126.6	77,600	67,300	56,900	28
30	78.4	126.1	71,100	61,500	51,900	30
32	77.4	125.7	65,500	56,500	47,500	32
34	76.4	125.2	60,600	52,200	43,800	34
36	75.4	124.6	56,300	48,400	40,400	36
38	74.4	124.0	52,400	45,000	37,500	38
40	73.4	123.4	49,000	41,900	34,900	40
45	70.9	121.7	41,800	35,600	29,300	45
50	68.4	119.7	36,100	30,500	25,000	50
55	65.7	117.5	31,500	26,500	21,400	55
60	63.1	115.0	27,700	23,100	18,500	60
65	60.3	112.2	24,500	20,300	16,000	65
70	57.5	109.0	21,800	17,800	13,900	70
75	54.6	105.5	19,400	15,700	12,100	75
80	51.6	101.6	17,300	13,900	10,500	80
85	48.4	97.2	15,500	12,300	9,100	85
90	45.0	92.3	13,900	10,900	7,800	90
95	41.5	86.8	12,400	9,600	6,700	95
100	37.6	80.5	11,100	8,400	5,700	100
105	33.4	73.1	9,900	7,300	4,700	105
110	28.6	64.4	8,800	6,300	3,900	110
115	22.9	53.5	7,800	5,400	3,100	115
120	15.1	38.0	6,800	4,500	2,300	120

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear On Rubber - 1/4 MPH Travel

Meets
ANSI B30.5
Requirements

777T



130 Ft. Boom

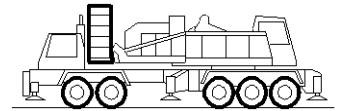


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight	78,400 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
22	82.9	137.8	104,900	91,300
24	82.0	137.5	94,000	81,700
26	81.1	137.1	85,000	73,700
28	80.2	136.8	77,400	67,000
30	79.3	136.4	70,900	61,200
32	78.4	135.9	65,200	56,300
34	77.5	135.5	60,300	51,900
36	76.6	135.0	56,000	48,100
38	75.7	134.4	52,100	44,700
40	74.8	133.9	48,700	41,600
45	72.5	132.3	41,500	35,300
50	70.1	130.5	35,800	30,300
55	67.7	128.5	31,200	26,200
60	65.3	126.2	27,400	22,800
65	62.8	123.6	24,200	20,000
70	60.3	120.8	21,500	17,500
75	57.7	117.7	19,100	15,400
80	55.0	114.2	17,000	13,600
85	52.2	110.4	15,200	12,000
90	49.4	106.2	13,600	10,600
95	46.3	101.5	12,200	9,300
100	43.1	96.2	10,800	8,100
105	39.7	90.3	9,700	7,100
110	36.1	83.7	8,600	6,100
115	32.0	76.0	7,600	5,200
120	27.4	66.8	6,700	4,400
125	21.9	55.4	5,800	3,600
130	14.4	39.1	4,900	2,800

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Straight Over Rear On Rubber - 1/4 MPH Travel

Meets
ANSI B30.5
Requirements

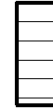


140 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight
			Boom Capacity Pounds
24	82.6	147.6	93,800
26	81.7	147.3	84,800
28	80.9	146.9	77,100
30	80.1	146.6	70,600
32	79.2	146.2	65,000
34	78.4	145.7	60,100
36	77.6	145.3	55,700
38	76.7	144.8	51,900
40	75.9	144.3	48,500
45	73.7	142.8	41,300
50	71.6	141.2	35,600
55	69.4	139.3	31,000
60	67.2	137.2	27,200
65	64.9	134.9	23,900
70	62.6	132.3	21,200
75	60.3	129.5	18,800
80	57.9	126.4	16,800
85	55.4	122.9	15,000
90	52.8	119.2	13,400
95	50.2	115.1	11,900
100	47.4	110.5	10,600
105	44.5	105.5	9,400
110	41.5	100.0	8,400
115	38.2	93.8	7,400
120	34.7	86.8	6,500
125	30.8	78.7	5,600
130	26.4	69.1	4,800
135	21.1	57.2	4,100
140	13.9	40.3	3,300

150 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Counterweight
			Boom Capacity Pounds
26	82.3	157.4	84,300
28	81.5	157.1	76,700
30	80.7	156.7	70,200
32	80.0	156.4	64,500
34	79.2	156.0	59,600
36	78.4	155.5	55,200
38	77.6	155.1	51,400
40	76.8	154.6	47,900
45	74.9	153.2	40,700
50	72.9	151.7	35,000
55	70.8	150.0	30,400
60	68.8	148.1	26,600
65	66.7	145.9	23,400
70	64.6	143.6	20,600
75	62.5	141.0	18,200
80	60.3	138.1	16,200
85	58.0	135.0	14,400
90	55.7	131.7	12,700
95	53.3	128.0	11,300
100	50.9	123.9	10,000
105	48.3	119.6	8,800
110	45.7	114.7	7,800
115	42.9	109.5	6,800
120	40.0	103.6	5,900
125	36.8	97.1	5,000
130	33.4	89.7	4,300
135	29.7	81.3	3,500
140	25.4	71.3	2,800
145	20.3	58.9	2,200