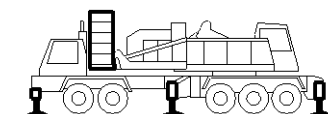


Liftcrane Boom Capacities

**Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers**

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 85% 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 with outriggers fully extended (22 Ft. 8 in.) and set. 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.

Refer to boom rigging **No. 192043**, Wire Rope Specification chart **No. 7973-A** and Operating Range Diagram chart **No. 7974-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

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.

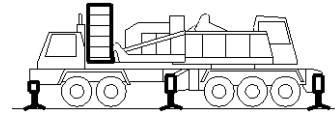
Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 134
30 Ft.	3,900 Lbs.
40 Ft.	4,700 Lbs.
50 Ft.	5,600 Lbs.
60 Ft.	6,600 Lbs.
70 Ft.	7,600 Lbs.
80 Ft.	8,700 Lbs.

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 Over Rear or 360 Degrees On Fully Extended Outriggers

 Meets
ANSI B30.5
Requirements


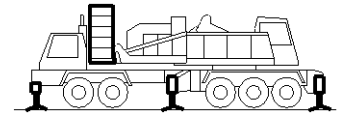
Maximum Boom and Jib Lengths Lifted Unassisted On Outriggers						
Over Rear of Outriggers		Over Side of Fully Extended Outriggers		Over Side of Partially Extended Outriggers		Over Side of Fully Retracted Outriggers
Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length
95,400 Lb. Crane Counterweight						
(a) 240 Ft.	---	220 Ft.	---	Not Allowed		Not Allowed
230 Ft.	---	210 Ft.	---			
220 Ft.	---	200 Ft.	30 Ft.			
210 Ft.	40 Ft.	190 Ft.	60 Ft.			
200 Ft.	70 Ft.	180 Ft.	80 Ft.			
190 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 cannot be used on 240 Ft. boom.						

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		
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 Over Rear or 360 Degrees On Fully Extended Outriggers

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.	---	Not Allowed
120 Ft.	---					
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.		

Consult jib chart for jib capacities. Upper boom point cannot be used when jib is attached.

Refer to chart **No. 8063-A, -B** or **-C** (0, 8,000 or 25,000 Lb. front bumper counterweight [FBC]) for fully extended outrigger boom capacities, chart **No. 8094-A, -C** or **-E** (0, 8,000 or 25,000 Lb. FBC) for straight over rear on rubber boom capacities, chart **No. 8094-B, -D** or **-F** (0, 8,000 or 25,000 Lb. FBC) for over side sector on rubber 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

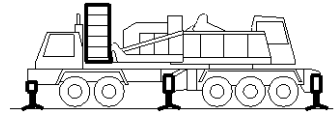
Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



42.5 Ft. Boom

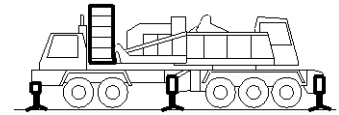


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		44,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
12	81.6	50.3	364,000*	364,000*	364,000*	364,000*	364,000*	364,000*	358,100*	358,100*	12
13	80.2	50.1	364,000*	364,000*	364,000*	364,000*	348,400*	348,400*	332,500*	332,500*	13
14	78.8	49.8	354,900*	354,900*	340,000*	340,000*	325,100*	325,100*	310,200*	310,200*	14
15	77.4	49.6	332,600*	332,600*	318,600*	318,600*	304,600*	304,600*	290,600*	290,600*	15
16	76.0	49.3	312,800*	312,800*	299,600*	299,600*	286,400*	286,400*	273,200*	273,200*	16
17	74.6	48.9	295,200*	295,200*	282,700*	282,700*	270,200*	270,200*	257,700*	257,700*	17
18	73.1	48.6	279,400*	279,400*	267,500*	267,500*	255,700*	255,700*	243,800*	243,800*	18
19	71.7	48.2	265,100*	265,100*	253,800*	253,800*	242,500*	242,500*	231,000*	231,000*	19
20	70.2	47.8	252,100*	252,100*	241,400*	241,400*	230,600*	230,600*	218,000*	218,000*	20
22	67.2	46.9	229,500*	229,500*	219,700*	219,700*	208,600*	208,600*	195,700*	195,700*	22
24	64.1	45.8	210,400*	210,400*	200,900*	200,900*	189,100*	189,100*	177,300*	177,300*	24
26	61.0	44.6	194,100*	194,100*	183,500*	183,500*	172,700*	172,700*	161,600	161,900*	26
28	57.7	43.3	178,800*	178,800*	168,800*	168,800*	158,800*	158,800*	140,500	148,800*	28
30	54.2	41.8	165,400*	165,400*	156,100*	156,100*	146,800*	146,800*	123,800	137,500*	30
32	50.6	40.0	153,700*	153,700*	145,000*	145,000*	131,200	136,300*	110,400	127,600*	32
34	46.8	38.1	143,400*	143,400*	135,200*	135,200*	118,200	127,100*	99,300	118,200	34
36	42.7	35.8	134,300*	134,300*	124,800	126,600*	107,300	118,900*	89,900	107,200	36
38	38.2	33.2	126,100*	126,100*	114,200	118,800*	98,000	111,600*	81,900	97,900	38
40	33.1	30.0	118,800*	118,800*	105,000	111,900*	90,000	105,000*	75,000	89,800	40
45	12.7	16.0	98,100*	98,100*	86,400	96,900*	73,600	86,300	60,800	73,400	45

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



42.5 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Counterweight		10,400 Lb. Crane Counterweight		0 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
12	81.6	50.3	341,000*	341,000*	323,800*	323,800*	313,400*	313,400*	12
13	80.2	50.1	316,500*	316,500*	300,600*	300,600*	290,900*	290,900*	13
14	78.8	49.8	295,300*	295,300*	280,300*	280,300*	271,300*	271,300*	14
15	77.4	49.6	276,600*	276,600*	262,600*	262,600*	251,200*	251,200*	15
16	76.0	49.3	260,000*	260,000*	244,400*	244,400*	233,300*	233,300*	16
17	74.6	48.9	245,000*	245,000*	228,000*	228,000*	217,700*	217,700*	17
18	73.1	48.6	229,600*	229,600*	213,600*	213,600*	203,900*	203,900*	18
19	71.7	48.2	216,000*	216,000*	200,900*	200,900*	175,800	191,700*	19
20	70.2	47.8	203,700*	203,700*	184,100	189,500*	153,900	180,800*	20
22	67.2	46.9	182,800*	182,800*	147,000	169,900*	122,400	162,100*	22
24	64.1	45.8	155,500	165,600*	121,500	153,800*	100,800	134,400	24
26	61.0	44.6	132,300	151,100*	103,000	132,100	85,100	113,900	26
28	57.7	43.3	114,700	138,800*	88,900	114,300	73,100	98,300	28
30	54.2	41.8	100,800	123,700	77,700	100,300	63,700	86,100	30
32	50.6	40.0	89,600	110,200	68,700	89,100	56,100	76,200	32
34	46.8	38.1	80,300	99,000	61,300	79,800	49,700	68,000	34
36	42.7	35.8	72,500	89,600	55,000	71,900	44,400	61,200	36
38	38.2	33.2	65,800	81,600	49,700	65,300	39,800	55,300	38
40	33.1	30.0	60,000	74,600	45,000	59,500	35,800	50,200	40
45	12.7	16.0	48,100	60,400	35,300	47,500	27,500	39,700	45

Liftcrane Boom Capacities

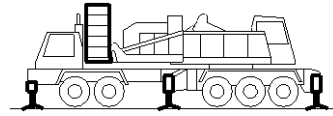
Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



60 Ft. Boom

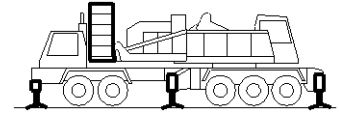


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		44,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
14	82.2	68.2	353,700*	353,700*	338,900*	338,900*	324,000*	324,000*	309,100*	309,100*	14
15	81.3	68.0	331,600*	331,600*	317,600*	317,600*	303,500*	303,500*	289,500*	289,500*	15
16	80.3	67.8	311,800*	311,800*	298,600*	298,600*	285,400*	285,400*	272,200*	272,200*	16
17	79.3	67.6	294,300*	294,300*	281,800*	281,800*	269,300*	269,300*	256,800*	256,800*	17
18	78.3	67.4	278,500*	278,500*	266,600*	266,600*	254,800*	254,800*	242,900*	242,900*	18
19	77.3	67.1	264,200*	264,200*	253,000*	253,000*	241,700*	241,700*	230,400*	230,400*	19
20	76.4	66.8	251,300*	251,300*	240,600*	240,600*	229,800*	229,800*	217,600*	217,600*	20
22	74.4	66.2	228,800*	228,800*	218,900*	218,900*	208,300*	208,300*	195,400*	195,400*	22
24	72.3	65.5	209,800*	209,800*	200,600*	200,600*	188,800*	188,800*	177,000*	177,000*	24
26	70.3	64.8	193,500*	193,500*	183,300*	183,300*	172,500*	172,500*	161,600*	161,600*	26
28	68.2	63.9	178,600*	178,600*	168,600*	168,600*	158,600*	158,600*	142,500	148,600*	28
30	66.1	63.0	165,200*	165,200*	155,900*	155,900*	146,600*	146,600*	125,700	137,300*	30
32	64.0	61.9	153,600*	153,600*	144,900*	144,900*	132,900	136,200*	112,100	127,500*	32
34	61.8	60.8	143,400*	143,400*	135,200*	135,200*	119,900	127,000*	100,900	118,800*	34
36	59.5	59.6	134,300*	134,300*	126,400	126,600*	109,000	118,900*	91,500	108,900	36
38	57.2	58.2	126,200*	126,200*	115,800	119,000*	99,700	111,700*	83,600	99,600	38
40	54.9	56.8	119,000*	119,000*	106,700	112,100*	91,700	105,200*	76,700	91,500	40
45	48.6	52.5	101,400	103,700*	88,600	97,600*	75,800	88,500	63,000	75,600	45
50	41.6	47.1	86,200	91,600*	75,100	86,100*	64,000	75,000	52,800	63,700	50
55	33.3	40.0	74,400	81,600*	64,600	74,400	54,700	64,400	44,900	54,500	55
60	22.1	29.4	64,900	73,200*	56,100	64,800	47,200	55,900	38,400	47,000	60

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



60 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Counterweight		10,400 Lb. Crane Counterweight		0 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
14	82.2	68.2	294,200*	294,200*	279,300*	279,300*	270,200*	270,200*	14
15	81.3	68.0	275,500*	275,500*	261,500*	261,500*	250,700*	250,700*	15
16	80.3	67.8	259,000*	259,000*	243,900*	243,900*	232,800*	232,800*	16
17	79.3	67.6	244,300*	244,300*	227,600*	227,600*	217,200*	217,200*	17
18	78.3	67.4	229,200*	229,200*	213,200*	213,200*	203,500*	203,500*	18
19	77.3	67.1	215,500*	215,500*	200,500*	200,500*	179,900	191,300*	19
20	76.4	66.8	203,300*	203,300*	187,800	189,100*	157,600	180,400*	20
22	74.4	66.2	182,500*	182,500*	150,000	169,600*	125,400	161,700*	22
24	72.3	65.5	158,000	165,300*	124,100	153,500*	103,400	137,100	24
26	70.3	64.8	134,500	150,800*	105,200	134,400	87,300	116,200	26
28	68.2	63.9	116,700	138,500*	90,900	116,400	75,100	100,400	28
30	66.1	63.0	102,600	125,600	79,600	102,200	65,600	88,000	30
32	64.0	61.9	91,300	111,900	70,500	90,800	57,800	78,000	32
34	61.8	60.8	82,000	100,700	63,000	81,500	51,400	69,800	34
36	59.5	59.6	74,100	91,300	56,700	73,600	46,100	62,900	36
38	57.2	58.2	67,400	83,300	51,300	66,900	41,500	57,000	38
40	54.9	56.8	61,700	76,400	46,700	61,200	37,500	51,900	40
45	48.6	52.5	50,300	62,700	37,500	49,800	29,700	41,900	45
50	41.6	47.1	41,700	52,500	30,600	41,300	23,800	34,400	50
55	33.3	40.0	35,000	44,500	25,200	34,600	19,200	28,500	55
60	22.1	29.4	29,600	38,100	20,700	29,200	15,300	23,700	60

Liftcrane Boom Capacities

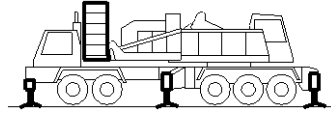
Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



70 Ft. Boom

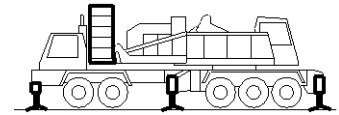


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		44,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
15	82.5	78.2	296,300*	296,300*	296,300*	296,300*	296,300*	296,300*	290,300*	290,300*	15
16	81.7	78.0	294,300*	294,300*	294,300*	294,300*	286,200*	286,200*	273,000*	273,000*	16
17	80.9	77.8	292,400*	292,400*	282,500*	282,500*	270,000*	270,000*	257,600*	257,600*	17
18	80.0	77.6	279,300*	279,300*	267,400*	267,400*	255,600*	255,600*	243,700*	243,700*	18
19	79.2	77.4	265,000*	265,000*	253,800*	253,800*	242,500*	242,500*	231,200*	231,200*	19
20	78.4	77.2	252,100*	252,100*	241,400*	241,400*	230,600*	230,600*	218,600*	218,600*	20
22	76.7	76.6	229,600*	229,600*	219,800*	219,800*	209,300*	209,300*	196,400*	196,400*	22
24	75.0	76.1	210,600*	210,600*	201,600*	201,600*	189,800*	189,800*	178,000*	178,000*	24
26	73.2	75.4	194,000*	194,000*	184,300*	184,300*	173,500*	173,500*	162,700*	162,700*	26
28	71.5	74.7	179,600*	179,600*	169,600*	169,600*	159,600*	159,600*	144,400	149,600*	28
30	69.7	73.9	166,200*	166,200*	156,900*	156,900*	147,600*	147,600*	127,600	138,300*	30
32	68.0	73.1	154,600*	154,600*	145,900*	145,900*	134,700	137,200*	113,900	128,500*	32
34	66.2	72.1	144,400*	144,400*	136,200*	136,200*	121,700	128,100*	102,700	119,900*	34
36	64.3	71.1	135,400*	135,400*	127,700*	127,700*	110,700	120,000*	93,300	110,700	36
38	62.5	70.0	127,300*	127,300*	117,600	120,000*	101,400	112,700*	85,300	101,300	38
40	60.6	68.9	120,100*	120,100*	108,400	113,200*	93,400	106,300*	78,400	93,300	40
45	55.6	65.5	103,000	104,900*	90,300	98,800*	77,500	90,200	64,700	77,300	45
50	50.4	61.5	87,900	92,800*	76,800	87,300*	65,700	76,700	54,500	65,400	50
55	44.6	56.6	76,200	82,900*	66,400	76,200	56,500	66,200	46,700	56,300	55
60	38.2	50.5	66,800	74,600*	58,000	66,800	49,200	57,900	40,300	48,900	60
65	30.6	42.6	59,200	67,200	51,200	59,100	43,100	51,000	35,100	42,900	65
70	20.3	31.1	52,700	60,000	45,300	52,600	38,000	45,200	30,700	37,800	70

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



70 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Counterweight		10,400 Lb. Crane Counterweight		0 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
15	82.5	78.2	276,300*	276,300*	262,300*	262,300*	251,700*	251,700*	15
16	81.7	78.0	259,800*	259,800*	244,800*	244,800*	233,800*	233,800*	16
17	80.9	77.8	245,100*	245,100*	228,500*	228,500*	218,200*	218,200*	17
18	80.0	77.6	230,200*	230,200*	214,200*	214,200*	204,500*	204,500*	18
19	79.2	77.4	216,500*	216,500*	201,400*	201,400*	182,900	192,300*	19
20	78.4	77.2	204,300*	204,300*	190,000*	190,000*	160,300	181,400*	20
22	76.7	76.6	183,500*	183,500*	152,400	170,600*	127,800	162,700*	22
24	75.0	76.1	160,200	166,300*	126,300	154,500*	105,600	139,300	24
26	73.2	75.4	136,600	151,800*	107,300	136,500	89,400	118,300	26
28	71.5	74.7	118,600	139,600*	92,800	118,400	77,100	102,400	28
30	69.7	73.9	104,500	127,500	81,500	104,100	67,400	89,900	30
32	68.0	73.1	93,100	113,800	72,300	92,700	59,600	79,800	32
34	66.2	72.1	83,700	102,500	64,800	83,300	53,200	71,600	34
36	64.3	71.1	75,900	93,000	58,400	75,400	47,800	64,600	36
38	62.5	70.0	69,200	85,000	53,000	68,700	43,200	58,700	38
40	60.6	68.9	63,400	78,100	48,400	62,900	39,300	53,700	40
45	55.6	65.5	51,900	64,400	39,200	51,500	31,400	43,600	45
50	50.4	61.5	43,400	54,200	32,300	43,000	25,500	36,100	50
55	44.6	56.6	36,800	46,300	27,000	36,400	21,000	30,300	55
60	38.2	50.5	31,500	40,000	22,700	31,100	17,300	25,700	60
65	30.6	42.6	27,100	34,800	19,100	26,700	14,200	21,800	65
70	20.3	31.1	23,300	30,400	16,000	23,000	11,600	18,500	70

Liftcrane Boom Capacities

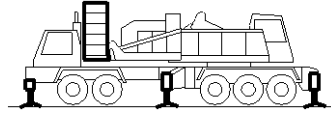
Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



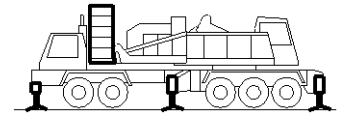
80 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		44,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
16	82.7	88.1	280,600*	280,600*	280,600*	280,600*	280,600*	280,600*	272,800*	272,800*	16
17	82.0	88.0	278,500*	278,500*	278,500*	278,500*	269,900*	269,900*	257,400*	257,400*	17
18	81.3	87.8	276,500*	276,500*	267,200*	267,200*	255,400*	255,400*	243,500*	243,500*	18
19	80.6	87.6	264,900*	264,900*	253,600*	253,600*	242,300*	242,300*	231,100*	231,100*	19
20	79.8	87.4	252,000*	252,000*	241,200*	241,200*	230,500*	230,500*	218,600*	218,600*	20
22	78.4	87.0	229,400*	229,400*	219,600*	219,600*	209,300*	209,300*	196,400*	196,400*	22
24	76.9	86.4	210,500*	210,500*	201,400*	201,400*	189,800*	189,800*	178,000*	178,000*	24
26	75.4	85.9	194,300*	194,300*	184,300*	184,300*	173,400*	173,400*	162,600*	162,600*	26
28	73.9	85.3	179,600*	179,600*	169,600*	169,600*	159,600*	159,600*	145,200	149,600*	28
30	72.4	84.6	166,200*	166,200*	156,900*	156,900*	147,600*	147,600*	128,200	138,300*	30
32	70.9	83.9	154,600*	154,600*	145,900*	145,900*	135,400	137,200*	114,500	128,500*	32
34	69.3	83.1	144,400*	144,400*	136,200*	136,200*	122,200	128,000*	103,300	119,900*	34
36	67.8	82.2	135,400*	135,400*	127,700*	127,700*	111,300	120,000*	93,800	111,200	36
38	66.2	81.3	127,300*	127,300*	118,000	120,000*	101,900	112,700*	85,800	101,800	38
40	64.6	80.3	120,100*	120,100*	108,900	113,200*	93,900	106,300*	78,900	93,700	40
45	60.5	77.5	103,500	104,900*	90,700	98,800*	77,900	90,600	65,100	77,700	45
50	56.2	74.2	88,300	92,800*	77,200	87,300*	66,000	77,100	54,900	65,800	50
55	51.7	70.3	76,600	83,000*	66,700	76,500	56,900	66,600	47,000	56,700	55
60	46.8	65.8	67,300	74,800*	58,400	67,200	49,600	58,300	40,700	49,300	60
65	41.5	60.3	59,600	67,600	51,600	59,500	43,600	51,500	35,600	43,400	65
70	35.5	53.6	53,300	60,600	45,900	53,200	38,600	45,800	31,300	38,400	70
75	28.4	45.0	47,900	54,600	41,100	47,700	34,300	40,900	27,600	34,100	75
80	18.8	32.6	43,100	49,300	36,900	43,000	30,600	36,700	24,300	30,400	80

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



80 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Counterweight		10,400 Lb. Crane Counterweight		0 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
16	82.7	88.1	259,600*	259,600*	244,900*	244,900*	233,800*	233,800*	16
17	82.0	88.0	244,900*	244,900*	228,600*	228,600*	218,200*	218,200*	17
18	81.3	87.8	230,200*	230,200*	214,200*	214,200*	204,500*	204,500*	18
19	80.6	87.6	216,500*	216,500*	201,400*	201,400*	184,600	192,300*	19
20	79.8	87.4	204,300*	204,300*	190,000*	190,000*	161,800	181,400*	20
22	78.4	87.0	183,500*	183,500*	153,600	170,600*	129,000	162,700*	22
24	76.9	86.4	161,200	166,200*	127,300	154,500*	106,600	140,400	24
26	75.4	85.9	137,500	151,800*	108,100	137,400	90,300	119,200	26
28	73.9	85.3	119,400	139,500*	93,600	119,100	77,900	103,200	28
30	72.4	84.6	105,200	128,200	82,200	104,800	68,100	90,600	30
32	70.9	83.9	93,700	114,400	72,900	93,300	60,200	80,500	32
34	69.3	83.1	84,300	103,100	65,300	83,800	53,800	72,100	34
36	67.8	82.2	76,400	93,600	58,900	75,900	48,300	65,100	36
38	66.2	81.3	69,600	85,500	53,500	69,200	43,700	59,200	38
40	64.6	80.3	63,800	78,500	48,800	63,400	39,700	54,100	40
45	60.5	77.5	52,400	64,800	39,600	51,900	31,800	44,000	45
50	56.2	74.2	43,800	54,600	32,700	43,400	25,900	36,500	50
55	51.7	70.3	37,200	46,700	27,300	36,800	21,300	30,700	55
60	46.8	65.8	31,900	40,400	23,100	31,500	17,700	26,100	60
65	41.5	60.3	27,600	35,300	19,600	27,200	14,700	22,300	65
70	35.5	53.6	23,900	31,000	16,600	23,600	12,200	19,100	70
75	28.4	45.0	20,800	27,300	14,100	20,500	10,000	16,400	75
80	18.8	32.6	18,100	24,100	11,800	17,800	8,000	13,900	80

Liftcrane Boom Capacities

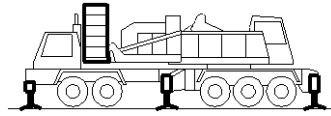
Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



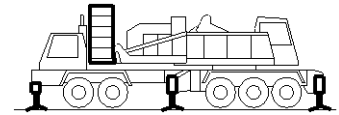
90 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		44,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
17	82.9	98.1	273,700*	273,700*	273,700*	273,700*	269,700*	269,700*	257,200*	257,200*	17
18	82.3	97.9	265,300*	265,300*	265,300*	265,300*	255,200*	255,200*	243,400*	243,400*	18
19	81.6	97.8	256,200*	256,200*	253,400*	253,400*	242,200*	242,200*	230,900*	230,900*	19
20	81.0	97.6	247,500*	247,500*	241,100*	241,100*	230,300*	230,300*	218,600*	218,600*	20
22	79.7	97.2	229,300*	229,300*	219,500*	219,500*	209,200*	209,200*	196,300*	196,300*	22
24	78.4	96.8	210,300*	210,300*	201,300*	201,300*	189,800*	189,800*	178,000*	178,000*	24
26	77.1	96.3	194,100*	194,100*	184,200*	184,200*	173,400*	173,400*	162,600*	162,600*	26
28	75.7	95.7	179,500*	179,500*	169,500*	169,500*	159,500*	159,500*	145,800*	149,500*	28
30	74.4	95.1	166,200*	166,200*	156,900*	156,900*	147,600*	147,600*	128,800*	138,300*	30
32	73.1	94.5	154,600*	154,600*	145,900*	145,900*	135,800*	137,200*	115,000*	128,500*	32
34	71.7	93.8	144,400*	144,400*	136,200*	136,200*	122,700*	128,000*	103,700*	119,800*	34
36	70.4	93.0	135,300*	135,300*	127,600*	127,600*	111,700*	119,900*	94,200*	111,600*	36
38	69.0	92.2	127,300*	127,300*	118,400*	120,000*	102,300*	112,700*	86,200*	102,200*	38
40	67.6	91.4	120,100*	120,100*	109,200*	113,200*	94,200*	106,200*	79,200*	94,100*	40
45	64.1	89.0	103,800*	104,900*	91,000*	98,800*	78,200*	90,900*	65,400*	78,000*	45
50	60.4	86.2	88,600*	92,800*	77,500*	87,300*	66,300*	77,400*	55,200*	66,100*	50
55	56.6	82.9	76,900*	83,000*	67,000*	76,800*	57,200*	66,900*	47,300*	56,900*	55
60	52.7	79.2	67,500*	74,800*	58,700*	67,500*	49,900*	58,500*	41,000*	49,600*	60
65	48.5	74.8	59,900*	67,900*	51,900*	59,800*	43,900*	51,800*	35,900*	43,700*	65
70	43.9	69.8	53,600*	60,900*	46,300*	53,500*	38,900*	46,100*	31,600*	38,700*	70
75	39.0	63.8	48,200*	54,900*	41,500*	48,100*	34,700*	41,300*	28,000*	34,500*	75
80	33.4	56.6	43,600*	49,800*	37,300*	43,500*	31,100*	37,200*	24,800*	30,900*	80
85	26.7	47.3	39,600*	45,400*	33,700*	39,500*	27,900*	33,600*	22,100*	27,700*	85
90	17.6	34.1	36,000*	41,400*	30,500*	35,900*	25,000*	30,400*	19,600*	24,800*	90

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



90 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Counterweight		10,400 Lb. Crane Counterweight		0 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
17	82.9	98.1	244,700*	244,700*	228,500*	228,500*	218,200*	218,200*	17
18	82.3	97.9	230,200*	230,200*	214,200*	214,200*	204,500*	204,500*	18
19	81.6	97.8	216,500*	216,500*	201,400*	201,400*	185,900	192,300*	19
20	81.0	97.6	204,300*	204,300*	190,000*	190,000*	163,000	181,300*	20
22	79.7	97.2	183,400*	183,400*	154,600	170,500*	130,000	162,700*	22
24	78.4	96.8	162,000	166,200*	128,100	154,500*	107,400	141,200	24
26	77.1	96.3	138,200	151,800*	108,800	138,100	91,000	119,900	26
28	75.7	95.7	120,000	139,500*	94,200	119,800	78,500	103,800	28
30	74.4	95.1	105,700	128,800	82,700	105,400	68,700	91,100	30
32	73.1	94.5	94,200	114,900	73,400	93,800	60,700	81,000	32
34	71.7	93.8	84,700	103,500	65,800	84,300	54,200	72,600	34
36	70.4	93.0	76,800	94,000	59,300	76,300	48,700	65,600	36
38	69.0	92.2	70,000	85,900	53,900	69,600	44,100	59,600	38
40	67.6	91.4	64,200	78,900	49,200	63,700	40,100	54,500	40
45	64.1	89.0	52,700	65,100	39,900	52,200	32,100	44,300	45
50	60.4	86.2	44,100	54,900	33,000	43,700	26,200	36,800	50
55	56.6	82.9	37,500	47,000	27,600	37,100	21,600	31,000	55
60	52.7	79.2	32,200	40,700	23,300	31,800	18,000	26,400	60
65	48.5	74.8	27,900	35,600	19,800	27,500	15,000	22,600	65
70	43.9	69.8	24,300	31,300	16,900	23,900	12,500	19,400	70
75	39.0	63.8	21,200	27,700	14,400	20,900	10,300	16,700	75
80	33.4	56.6	18,600	24,600	12,300	18,200	8,500	14,400	80
85	26.7	47.3	16,200	21,800	10,400	15,900	6,800	12,300	85
90	17.6	34.1	14,100	19,300	8,600	13,800	5,300	10,500	90

Liftcrane Boom Capacities

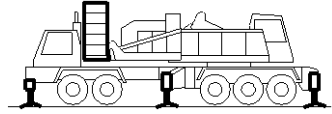
Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



100 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		44,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
18	83.0	108.1	241,200*	241,200*	241,200*	241,200*	241,200*	241,200*	241,200*	241,200*	18
19	82.5	107.9	233,200*	233,200*	233,200*	233,200*	233,200*	233,200*	230,600*	230,600*	19
20	81.9	107.7	225,800*	225,800*	225,800*	225,800*	225,800*	225,800*	218,400*	218,400*	20
22	80.7	107.4	211,900*	211,900*	211,900*	211,900*	209,000*	209,000*	196,100*	196,100*	22
24	79.6	107.0	199,600*	199,600*	199,600*	199,600*	189,500*	189,500*	177,800*	177,800*	24
26	78.4	106.5	188,700*	188,700*	184,000*	184,000*	173,200*	173,200*	162,400*	162,400*	26
28	77.2	106.1	178,700*	178,700*	169,300*	169,300*	159,300*	159,300*	146,200	149,300*	28
30	76.0	105.5	166,000*	166,000*	156,700*	156,700*	147,300*	147,300*	129,100	138,000*	30
32	74.8	105.0	154,300*	154,300*	145,600*	145,600*	136,100	136,900*	115,300	128,200*	32
34	73.6	104.3	144,100*	144,100*	136,000*	136,000*	122,900	127,800*	103,900	119,600*	34
36	72.4	103.7	135,100*	135,100*	127,400*	127,400*	111,800	119,700*	94,400	111,800	36
38	71.2	103.0	127,100*	127,100*	118,600	119,800*	102,400	112,500*	86,300	102,400	38
40	70.0	102.2	119,800*	119,800*	109,300	112,900*	94,300	106,000*	79,300	94,200	40
45	66.9	100.1	103,800	104,700*	91,100	98,500*	78,300	91,000	65,500	78,100	45
50	63.7	97.6	88,600	92,600*	77,500	87,100*	66,400	77,400	55,300	66,200	50
55	60.4	94.8	76,900	82,800*	67,000	76,800	57,200	66,900	47,300	57,000	55
60	57.0	91.6	67,500	74,600*	58,700	67,500	49,900	58,600	41,000	49,600	60
65	53.4	88.0	59,900	67,700*	51,900	59,800	43,900	51,800	35,900	43,700	65
70	49.7	83.8	53,600	60,900	46,300	53,500	38,900	46,100	31,600	38,700	70
75	45.8	79.0	48,200	55,000	41,500	48,100	34,700	41,300	28,000	34,500	75
80	41.5	73.5	43,700	49,900	37,400	43,500	31,100	37,200	24,900	30,900	80
85	36.8	67.1	39,700	45,400	33,800	39,600	28,000	33,700	22,200	27,800	85
90	31.5	59.3	36,200	41,600	30,700	36,100	25,200	30,500	19,800	25,000	90
95	25.2	49.5	33,000	38,100	27,900	32,900	22,800	27,700	17,600	22,600	95
100	16.6	35.4	30,200	35,000	25,300	30,100	20,500	25,200	15,600	20,300	100

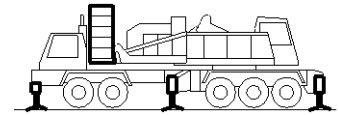
Liftcrane Boom Capacities

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

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



100 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Counterweight		10,400 Lb. Crane Counterweight		0 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
18	83.0	108.1	230,000*	230,000*	214,000*	214,000*	204,300*	204,300*	18
19	82.5	107.9	216,300*	216,300*	201,200*	201,200*	187,200	192,100*	19
20	81.9	107.7	204,100*	204,100*	189,800*	189,800*	164,100	181,200*	20
22	80.7	107.4	183,200*	183,200*	155,400	170,300*	130,800	162,500*	22
24	79.6	107.0	162,700	166,000*	128,700	154,200*	108,000	141,800	24
26	78.4	106.5	138,700	151,600*	109,300	138,600	91,500	120,400	26
28	77.2	106.1	120,400	139,300*	94,600	120,200	78,900	104,200	28
30	76.0	105.5	106,100	128,700*	83,000	105,700	69,000	91,500	30
32	74.8	105.0	94,500	115,200	73,700	94,100	61,000	81,200	32
34	73.6	104.3	85,000	103,800	66,000	84,500	54,400	72,800	34
36	72.4	103.7	77,000	94,200	59,500	76,500	48,900	65,800	36
38	71.2	103.0	70,200	86,000	54,100	69,700	44,200	59,800	38
40	70.0	102.2	64,300	79,000	49,300	63,900	40,200	54,600	40
45	66.9	100.1	52,700	65,200	40,000	52,300	32,200	44,400	45
50	63.7	97.6	44,100	54,900	33,000	43,700	26,200	36,900	50
55	60.4	94.8	37,500	47,000	27,600	37,100	21,600	31,000	55
60	57.0	91.6	32,200	40,700	23,300	31,800	18,000	26,400	60
65	53.4	88.0	27,900	35,600	19,900	27,500	15,000	22,600	65
70	49.7	83.8	24,300	31,300	16,900	23,900	12,500	19,400	70
75	45.8	79.0	21,200	27,700	14,500	20,900	10,300	16,700	75
80	41.5	73.5	18,600	24,600	12,300	18,300	8,500	14,400	80
85	36.8	67.1	16,300	21,900	10,500	16,000	6,900	12,400	85
90	31.5	59.3	14,300	19,500	8,800	14,000	5,500	10,700	90
95	25.2	49.5	12,500	17,400	7,300	12,200	4,200	9,100	95
100	16.6	35.4	10,800	15,400	5,900	10,500	3,000	7,600	100

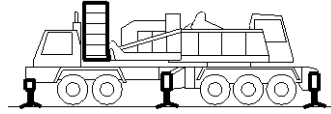
Liftcrane Boom Capacities

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

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



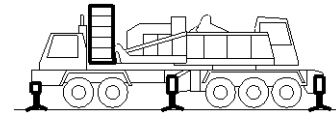
110 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		44,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
20	82.6	117.9	208,800*	208,800*	208,800*	208,800*	208,800*	208,800*	208,800*	208,800*	20
22	81.6	117.5	196,700*	196,700*	196,700*	196,700*	196,700*	196,700*	196,000*	196,000*	22
24	80.5	117.2	185,800*	185,800*	185,800*	185,800*	185,800*	185,800*	177,600*	177,600*	24
26	79.5	116.8	176,000*	176,000*	176,000*	176,000*	173,100*	173,100*	162,300*	162,300*	26
28	78.4	116.3	167,000*	167,000*	167,000*	167,000*	159,200*	159,200*	146,600	149,200*	28
30	77.3	115.9	158,800*	158,800*	156,500*	156,500*	147,200*	147,200*	129,400	137,900*	30
32	76.2	115.4	151,300*	151,300*	145,500*	145,500*	136,400	136,800*	115,600	128,100*	32
34	75.2	114.8	144,000*	144,000*	135,800*	135,800*	123,100	127,700*	104,200	119,500*	34
36	74.1	114.2	135,000*	135,000*	127,300*	127,300*	112,000	119,600*	94,600	111,900*	36
38	73.0	113.6	126,900*	126,900*	118,700	119,600*	102,600	112,400*	86,500	102,500	38
40	71.9	112.9	119,700*	119,700*	109,500	112,800*	94,500	105,900*	79,500	94,400	40
45	69.1	111.0	103,900	104,500*	91,200	98,400*	78,400	91,100	65,600	78,200	45
50	66.3	108.8	88,700	92,500*	77,600	87,000*	66,500	77,500	55,300	66,200	50
55	63.3	106.3	76,900	82,600*	67,100	76,900	57,200	67,000	47,400	57,000	55
60	60.4	103.5	67,600	74,500*	58,700	67,500	49,900	58,600	41,100	49,700	60
65	57.3	100.3	60,000	67,600*	51,900	59,900	43,900	51,800	35,900	43,700	65
70	54.1	96.7	53,600	60,900	46,300	53,500	39,000	46,100	31,600	38,800	70
75	50.7	92.7	48,300	55,000	41,500	48,200	34,800	41,400	28,000	34,600	75
80	47.2	88.2	43,700	49,900	37,400	43,600	31,200	37,300	24,900	31,000	80
85	43.5	83.0	39,700	45,500	33,900	39,600	28,100	33,700	22,200	27,900	85
90	39.4	77.1	36,200	41,700	30,800	36,100	25,300	30,600	19,800	25,100	90
95	35.0	70.2	33,200	38,200	28,000	33,100	22,900	27,900	17,700	22,700	95
100	30.0	61.9	30,400	35,200	25,600	30,300	20,700	25,400	15,900	20,500	100
105	24.0	51.6	27,900	32,400	23,300	27,800	18,700	23,200	14,100	18,600	105
110	15.8	36.7	25,600	29,900	21,300	25,500	16,900	21,100	12,500	16,700	110

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



110 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Counterweight		10,400 Lb. Crane Counterweight		0 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
20	82.6	117.9	204,000*	204,000*	189,700*	189,700*	164,900	181,000*	20
22	81.6	117.5	183,100*	183,100*	156,000	170,200*	131,500	162,400*	22
24	80.5	117.2	163,200	165,900*	129,200	154,100*	108,600	142,400	24
26	79.5	116.8	139,100	151,400*	109,800	139,100	91,900	120,900	26
28	78.4	116.3	120,800	139,200*	95,000	120,500	79,200	104,600	28
30	77.3	115.9	106,400	128,600*	83,300	106,000	69,300	91,800	30
32	76.2	115.4	94,700	115,500	73,900	94,400	61,300	81,500	32
34	75.2	114.8	85,200	104,000	66,200	84,800	54,600	73,000	34
36	74.1	114.2	77,200	94,400	59,700	76,700	49,100	66,000	36
38	73.0	113.6	70,300	86,200	54,200	69,900	44,400	59,900	38
40	71.9	112.9	64,500	79,200	49,500	64,000	40,300	54,800	40
45	69.1	111.0	52,800	65,300	40,100	52,400	32,300	44,500	45
50	66.3	108.8	44,200	55,000	33,100	43,800	26,300	36,900	50
55	63.3	106.3	37,500	47,100	27,700	37,100	21,700	31,100	55
60	60.4	103.5	32,200	40,800	23,400	31,900	18,000	26,400	60
65	57.3	100.3	27,900	35,600	19,900	27,500	15,000	22,600	65
70	54.1	96.7	24,300	31,400	17,000	24,000	12,500	19,500	70
75	50.7	92.7	21,300	27,800	14,500	20,900	10,400	16,800	75
80	47.2	88.2	18,600	24,700	12,400	18,300	8,600	14,500	80
85	43.5	83.0	16,400	22,000	10,500	16,100	7,000	12,500	85
90	39.4	77.1	14,400	19,600	8,900	14,100	5,600	10,800	90
95	35.0	70.2	12,600	17,500	7,500	12,300	4,300	9,200	95
100	30.0	61.9	11,000	15,600	6,200	10,800	3,200	7,800	100
105	24.0	51.6	9,600	13,900	5,000	9,300	2,200	6,500	105
110	15.8	36.7	8,200	12,300	3,800	7,900		5,300	110

Liftcrane Boom Capacities

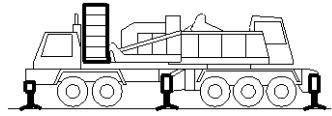
Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



120 Ft. Boom

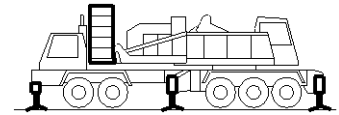


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		44,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
22	82.3	127.7	189,700*	189,700*	189,700*	189,700*	189,700*	189,700*	189,700*	189,700*	22
24	81.3	127.3	178,900*	178,900*	178,900*	178,900*	178,900*	178,900*	177,800*	177,800*	24
26	80.3	127.0	169,000*	169,000*	169,000*	169,000*	169,000*	169,000*	162,400*	162,400*	26
28	79.4	126.6	160,100*	160,100*	160,100*	160,100*	159,300*	159,300*	147,100	149,300*	28
30	78.4	126.1	152,000*	152,000*	152,000*	152,000*	147,400*	147,400*	129,900	138,100*	30
32	77.4	125.7	144,500*	144,500*	144,500*	144,500*	136,800	136,900*	116,000	128,200*	32
34	76.4	125.2	137,700*	137,700*	136,000*	136,000*	123,500	127,800*	104,600	119,600*	34
36	75.4	124.6	131,400*	131,400*	127,400*	127,400*	112,400	119,700*	95,000	112,000*	36
38	74.4	124.0	125,500*	125,500*	119,100	119,800*	103,000	112,500*	86,800	102,900	38
40	73.4	123.4	119,900*	119,900*	109,800	112,900*	94,800	106,000*	79,800	94,700	40
45	70.9	121.7	104,300	104,700*	91,500	98,600*	78,700	91,500	66,000	78,600	45
50	68.4	119.7	89,000	92,600*	77,900	87,100*	66,800	77,800	55,700	66,600	50
55	65.7	117.5	77,200	82,800*	67,400	77,200	57,500	67,300	47,700	57,300	55
60	63.1	115.0	67,900	74,600*	59,000	67,800	50,200	58,900	41,400	50,000	60
65	60.3	112.2	60,300	67,800*	52,200	60,200	44,200	52,100	36,200	44,000	65
70	57.5	109.0	53,900	61,200	46,600	53,800	39,300	46,500	31,900	39,100	70
75	54.6	105.5	48,600	55,300	41,800	48,500	35,100	41,700	28,300	34,900	75
80	51.6	101.6	44,000	50,200	37,700	43,900	31,500	37,600	25,200	31,300	80
85	48.4	97.2	40,000	45,800	34,200	39,900	28,400	34,100	22,500	28,200	85
90	45.0	92.3	36,600	42,000	31,100	36,500	25,600	31,000	20,200	25,500	90
95	41.5	86.8	33,500	38,600	28,400	33,400	23,200	28,200	18,100	23,100	95
100	37.6	80.5	30,800	35,600	25,900	30,700	21,100	25,800	16,200	20,900	100
105	33.4	73.1	28,300	32,900	23,700	28,200	19,200	23,600	14,600	19,000	105
110	28.6	64.4	26,100	30,400	21,800	26,000	17,400	21,600	13,000	17,200	110
115	22.9	53.5	24,100	28,200	19,900	24,000	15,800	19,800	11,600	15,600	115
120	15.1	38.0	22,200	26,100	18,200	22,100	14,300	18,100	10,300	14,100	120

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



120 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Counterweight		10,400 Lb. Crane Counterweight		0 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
22	82.3	127.7	183,300*	183,300*	156,700	170,400*	132,100	162,500*	22
24	81.3	127.3	163,800	166,000*	129,800	154,300*	109,200	143,000	24
26	80.3	127.0	139,600	151,600*	110,300	139,600	92,400	121,400	26
28	79.4	126.6	121,300	139,300*	95,500	121,000	79,700	105,100	28
30	78.4	126.1	106,800	128,700*	83,800	106,500	69,700	92,300	30
32	77.4	125.7	95,200	115,900	74,400	94,800	61,700	81,900	32
34	76.4	125.2	85,600	104,400	66,600	85,200	55,100	73,500	34
36	75.4	124.6	77,500	94,800	60,100	77,100	49,500	66,400	36
38	74.4	124.0	70,700	86,600	54,600	70,300	44,800	60,300	38
40	73.4	123.4	64,800	79,600	49,800	64,400	40,700	55,100	40
45	70.9	121.7	53,200	65,600	40,400	52,700	32,600	44,900	45
50	68.4	119.7	44,500	55,300	33,400	44,100	26,600	37,300	50
55	65.7	117.5	37,900	47,400	28,000	37,500	22,000	31,400	55
60	63.1	115.0	32,500	41,100	23,700	32,200	18,300	26,700	60
65	60.3	112.2	28,200	35,900	20,200	27,900	15,300	22,900	65
70	57.5	109.0	24,600	31,700	17,300	24,300	12,800	19,800	70
75	54.6	105.5	21,600	28,100	14,800	21,200	10,700	17,100	75
80	51.6	101.6	19,000	25,000	12,700	18,700	8,900	14,800	80
85	48.4	97.2	16,700	22,300	10,900	16,400	7,300	12,800	85
90	45.0	92.3	14,700	20,000	9,200	14,400	5,900	11,100	90
95	41.5	86.8	13,000	17,900	7,800	12,700	4,700	9,500	95
100	37.6	80.5	11,400	16,000	6,500	11,100	3,600	8,200	100
105	33.4	73.1	10,000	14,400	5,400	9,700	2,600	6,900	105
110	28.6	64.4	8,700	12,800	4,300	8,500		5,800	110
115	22.9	53.5	7,500	11,400	3,300	7,300		4,700	115
120	15.1	38.0	6,300	10,100	2,400	6,100		3,700	120

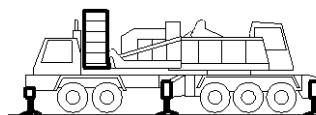
Liftcrane Boom Capacities

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

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



130 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		44,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
22	82.9	137.8	178,100*	178,100*	178,100*	178,100*	178,100*	178,100*	178,100*	178,100*	22
24	82.0	137.5	168,900*	168,900*	168,900*	168,900*	168,900*	168,900*	168,900*	168,900*	24
26	81.1	137.1	160,500*	160,500*	160,500*	160,500*	160,500*	160,500*	160,500*	160,500*	26
28	80.2	136.8	152,700*	152,700*	152,700*	152,700*	152,700*	152,700*	147,300	149,000*	28
30	79.3	136.4	145,700*	145,700*	145,700*	145,700*	145,700*	145,700*	130,000	137,700*	30
32	78.4	135.9	139,100*	139,100*	139,100*	139,100*	136,600*	136,600*	116,100	127,900*	32
34	77.5	135.5	133,000*	133,000*	133,000*	133,000*	123,600	127,500*	104,600	119,300*	34
36	76.6	135.0	126,700*	126,700*	126,700*	126,700*	112,400	119,400*	95,000	111,700*	36
38	75.7	134.4	120,900*	120,900*	119,100	119,400*	103,000	112,200*	86,800	102,900	38
40	74.8	133.9	115,500*	115,500*	109,800	112,600*	94,800	105,700*	79,800	94,700	40
45	72.5	132.3	103,700*	103,700*	91,400	98,200*	78,600	91,400	65,900	78,500	45
50	70.1	130.5	88,900	92,300*	77,800	86,800*	66,600	77,700	55,500	66,400	50
55	67.7	128.5	77,100	82,500*	67,200	77,100	57,400	67,100	47,500	57,200	55
60	65.3	126.2	67,700	74,300*	58,900	67,700	50,000	58,700	41,200	49,800	60
65	62.8	123.6	60,100	67,400*	52,100	60,000	44,000	51,900	36,000	43,800	65
70	60.3	120.8	53,700	61,000	46,400	53,600	39,100	46,200	31,700	38,900	70
75	57.7	117.7	48,400	55,100	41,600	48,300	34,900	41,500	28,100	34,700	75
80	55.0	114.2	43,800	50,000	37,500	43,700	31,300	37,400	25,000	31,100	80
85	52.2	110.4	39,800	45,600	34,000	39,700	28,200	33,800	22,300	28,000	85
90	49.4	106.2	36,400	41,800	30,900	36,300	25,400	30,800	20,000	25,200	90
95	46.3	101.5	33,300	38,400	28,200	33,200	23,000	28,000	17,900	22,800	95
100	43.1	96.2	30,600	35,400	25,700	30,500	20,900	25,600	16,000	20,700	100
105	39.7	90.3	28,100	32,700	23,500	28,000	19,000	23,400	14,400	18,800	105
110	36.1	83.7	25,900	30,200	21,600	25,800	17,200	21,400	12,900	17,100	110
115	32.0	76.0	23,900	28,000	19,800	23,800	15,600	19,700	11,500	15,500	115
120	27.4	66.8	22,100	26,000	18,100	22,000	14,200	18,000	10,200	14,000	120
125	21.9	55.4	20,400	24,100	16,600	20,300	12,800	16,500	9,000	12,700	125
130	14.4	39.1	18,800	22,300	15,200	18,700	11,500	15,000	7,900	11,400	130

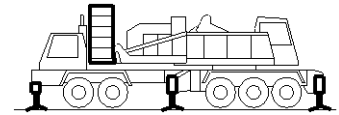
Liftcrane Boom Capacities

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

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



130 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Counterweight		10,400 Lb. Crane Counterweight		0 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
22	82.9	137.8	178,100*	178,100*	157,300	170,100*	132,700	162,200*	22
24	82.0	137.5	164,200	165,700*	130,300	154,000*	109,600	143,500	24
26	81.1	137.1	140,000	151,300*	110,600	139,900	92,800	121,800	26
28	80.2	136.8	121,500	139,000*	95,700	121,300	80,000	105,300	28
30	79.3	136.4	107,000	128,400*	83,900	106,700	69,900	92,400	30
32	78.4	135.9	95,300	116,000	74,500	94,900	61,800	82,100	32
34	77.5	135.5	85,600	104,500	66,700	85,200	55,100	73,500	34
36	76.6	135.0	77,600	94,800	60,100	77,100	49,500	66,400	36
38	75.7	134.4	70,700	86,600	54,600	70,300	44,800	60,300	38
40	74.8	133.9	64,800	79,500	49,800	64,400	40,700	55,100	40
45	72.5	132.3	53,100	65,600	40,300	52,700	32,500	44,800	45
50	70.1	130.5	44,400	55,200	33,300	44,000	26,500	37,100	50
55	67.7	128.5	37,700	47,200	27,800	37,300	21,800	31,200	55
60	65.3	126.2	32,400	40,900	23,500	32,000	18,100	26,600	60
65	62.8	123.6	28,000	35,700	20,000	27,700	15,100	22,700	65
70	60.3	120.8	24,400	31,500	17,100	24,100	12,600	19,600	70
75	57.7	117.7	21,400	27,800	14,600	21,000	10,500	16,900	75
80	55.0	114.2	18,700	24,800	12,500	18,400	8,700	14,600	80
85	52.2	110.4	16,500	22,100	10,600	16,200	7,100	12,600	85
90	49.4	106.2	14,500	19,700	9,000	14,200	5,700	10,900	90
95	46.3	101.5	12,700	17,700	7,600	12,500	4,500	9,300	95
100	43.1	96.2	11,200	15,800	6,300	10,900	3,400	8,000	100
105	39.7	90.3	9,800	14,200	5,200	9,500	2,400	6,700	105
110	36.1	83.7	8,500	12,700	4,100	8,300		5,600	110
115	32.0	76.0	7,300	11,300	3,200	7,100		4,600	115
120	27.4	66.8	6,300	10,000	2,300	6,100		3,600	120
125	21.9	55.4	5,300	8,900		5,100		2,700	125
130	14.4	39.1	4,300	7,700		4,100			130

Liftcrane Boom Capacities

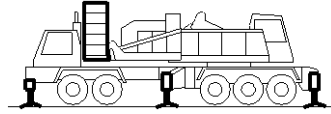
Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



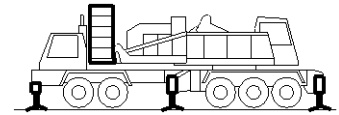
140 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		44,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
24	82.6	147.6	160,600*	160,600*	160,600*	160,600*	160,600*	160,600*	160,600*	160,600*	24
26	81.7	147.3	153,300*	153,300*	153,300*	153,300*	153,300*	153,300*	153,300*	153,300*	26
28	80.9	146.9	145,700*	145,700*	145,700*	145,700*	145,700*	145,700*	145,700*	145,700*	28
30	80.1	146.6	138,700*	138,700*	138,700*	138,700*	138,700*	138,700*	130,100	137,400*	30
32	79.2	146.2	132,200*	132,200*	132,200*	132,200*	132,200*	132,200*	116,200	127,600*	32
34	78.4	145.7	126,200*	126,200*	126,200*	126,200*	123,600	126,200*	104,600	119,000*	34
36	77.6	145.3	120,600*	120,600*	120,600*	120,600*	112,400	119,100*	95,000	111,400*	36
38	76.7	144.8	115,000*	115,000*	115,000*	115,000*	102,900	111,900*	86,800	102,900	38
40	75.9	144.3	109,800*	109,800*	109,700	109,800*	94,700	105,400*	79,700	94,600	40
45	73.7	142.8	98,300*	98,300*	91,300	97,900*	78,500	91,300	65,800	78,400	45
50	71.6	141.2	88,700*	88,700*	77,600	86,500*	66,500	77,600	55,400	66,300	50
55	69.4	139.3	76,900	80,400*	67,100	76,900	57,200	67,000	47,400	57,000	55
60	67.2	137.2	67,500	73,200*	58,700	67,500	49,900	58,600	41,000	49,700	60
65	64.9	134.9	59,900	66,900*	51,900	59,800	43,900	51,700	35,800	43,600	65
70	62.6	132.3	53,500	60,800	46,200	53,500	38,900	46,100	31,500	38,700	70
75	60.3	129.5	48,200	54,900	41,400	48,100	34,700	41,300	27,900	34,500	75
80	57.9	126.4	43,600	49,800	37,300	43,500	31,100	37,200	24,800	30,900	80
85	55.4	122.9	39,600	45,400	33,800	39,500	27,900	33,600	22,100	27,800	85
90	52.8	119.2	36,200	41,600	30,700	36,100	25,200	30,500	19,800	25,000	90
95	50.2	115.1	33,100	38,200	28,000	33,000	22,800	27,800	17,700	22,600	95
100	47.4	110.5	30,400	35,200	25,500	30,300	20,700	25,400	15,800	20,500	100
105	44.5	105.5	27,900	32,500	23,300	27,800	18,800	23,200	14,200	18,600	105
110	41.5	100.0	25,700	30,000	21,400	25,600	17,000	21,300	12,700	16,900	110
115	38.2	93.8	23,800	27,800	19,600	23,700	15,500	19,500	11,300	15,300	115
120	34.7	86.8	21,900	25,800	18,000	21,800	14,000	17,900	10,100	13,900	120
125	30.8	78.7	20,300	24,000	16,500	20,200	12,700	16,400	8,900	12,600	125
130	26.4	69.1	18,700	22,300	15,100	18,600	11,500	15,000	7,900	11,300	130
135	21.1	57.2	17,300	20,700	13,800	17,200	10,300	13,700	6,800	10,200	135
140	13.9	40.3	15,900	19,200	12,600	15,800	9,200	12,500	5,900	9,100	140

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets ANSI B30.5 Requirements


140 Ft. Boom


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Counterweight		10,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
24	82.6	147.6	160,600*	160,600*	130,600	153,700*	24
26	81.7	147.3	140,200	151,000*	110,900	140,200*	26
28	80.9	146.9	121,600	138,700*	95,800	121,500	28
30	80.1	146.6	107,100	128,100*	84,000	106,800	30
32	79.2	146.2	95,300	116,100	74,500	95,000	32
34	78.4	145.7	85,700	104,500	66,700	85,300	34
36	77.6	145.3	77,600	94,800	60,100	77,100	36
38	76.7	144.8	70,700	86,600	54,500	70,200	38
40	75.9	144.3	64,700	79,500	49,700	64,300	40
45	73.7	142.8	53,000	65,500	40,200	52,600	45
50	71.6	141.2	44,300	55,100	33,100	43,900	50
55	69.4	139.3	37,500	47,100	27,700	37,100	55
60	67.2	137.2	32,200	40,700	23,400	31,800	60
65	64.9	134.9	27,800	35,600	19,800	27,500	65
70	62.6	132.3	24,200	31,300	16,900	23,900	70
75	60.3	129.5	21,200	27,700	14,400	20,800	75
80	57.9	126.4	18,500	24,600	12,300	18,200	80
85	55.4	122.9	16,300	21,900	10,400	16,000	85
90	52.8	119.2	14,300	19,500	8,800	14,000	90
95	50.2	115.1	12,500	17,500	7,400	12,300	95
100	47.4	110.5	11,000	15,600	6,100	10,700	100
105	44.5	105.5	9,600	14,000	5,000	9,300	105
110	41.5	100.0	8,300	12,500	3,900	8,100	110
115	38.2	93.8	7,200	11,100	3,000	6,900	115
120	34.7	86.8	6,100	9,900	2,100	5,900	120
125	30.8	78.7	5,100	8,700		4,900	125
130	26.4	69.1	4,200	7,700		4,000	130
135	21.1	57.2	3,400	6,700		3,200	135
140	13.9	40.3	2,500	5,700		2,400	140

Liftcrane Boom Capacities

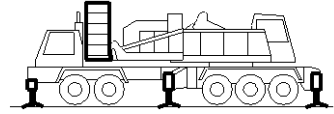
Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



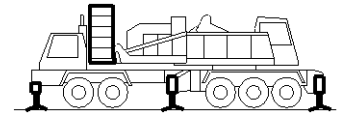
150 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		44,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
26	82.3	157.4	161,100*	161,100*	161,100*	161,100*	161,100*	161,100*	161,100*	161,100*	26
28	81.5	157.1	155,100*	155,100*	155,100*	155,100*	155,100*	155,100*	147,700	148,200*	28
30	80.7	156.7	148,000*	148,000*	148,000*	148,000*	146,200*	146,200*	130,200	136,900*	30
32	80.0	156.4	138,900*	138,900*	138,900*	138,900*	135,700*	135,700*	116,200	127,000*	32
34	79.2	156.0	130,900*	130,900*	130,900*	130,900*	123,600	126,600*	104,600	118,400*	34
36	78.4	155.5	123,900*	123,900*	123,900*	123,900*	112,300	118,500*	94,900	110,800*	36
38	77.6	155.1	117,600*	117,600*	117,600*	117,600*	102,800	111,300*	86,600	102,700	38
40	76.8	154.6	112,000*	112,000*	109,500	111,700*	94,500	104,800*	79,500	94,500	40
45	74.9	153.2	100,200*	100,200*	91,000	97,300*	78,200	91,000	65,500	78,100	45
50	72.9	151.7	88,400	90,700*	77,300	85,800*	66,200	77,200	55,000	66,000	50
55	70.8	150.0	76,500	81,500*	66,700	76,500*	56,800	66,600	47,000	56,600	55
60	68.8	148.1	67,100	73,300*	58,300	67,100	49,400	58,100	40,600	49,200	60
65	66.7	145.9	59,400	66,500*	51,400	59,400	43,400	51,300	35,400	43,200	65
70	64.6	143.6	53,000	60,400	45,700	53,000	38,400	45,600	31,000	38,200	70
75	62.5	141.0	47,700	54,400	40,900	47,600	34,100	40,800	27,400	34,000	75
80	60.3	138.1	43,100	49,300	36,800	43,000	30,500	36,700	24,300	30,300	80
85	58.0	135.0	39,100	44,900	33,200	39,000	27,400	33,100	21,600	27,200	85
90	55.7	131.7	35,600	41,000	30,100	35,500	24,700	30,000	19,200	24,500	90
95	53.3	128.0	32,500	37,600	27,400	32,400	22,200	27,300	17,100	22,100	95
100	50.9	123.9	29,800	34,600	25,000	29,700	20,100	24,800	15,300	19,900	100
105	48.3	119.6	27,400	31,900	22,800	27,300	18,200	22,600	13,600	18,000	105
110	45.7	114.7	25,200	29,500	20,800	25,100	16,400	20,700	12,100	16,300	110
115	42.9	109.5	23,200	27,300	19,000	23,100	14,900	18,900	10,700	14,700	115
120	40.0	103.6	21,400	25,300	17,400	21,300	13,400	17,300	9,500	13,300	120
125	36.8	97.1	19,700	23,400	15,900	19,600	12,100	15,800	8,300	12,000	125
130	33.4	89.7	18,200	21,700	14,500	18,100	10,900	14,400	7,300	10,800	130
135	29.7	81.3	16,800	20,200	13,300	16,700	9,800	13,200	6,300	9,700	135
140	25.4	71.3	15,400	18,700	12,100	15,400	8,700	12,000	5,400	8,600	140
145	20.3	58.9	14,200	17,300	11,000	14,100	7,800	10,900	4,500	7,600	145
150	13.4	41.4	13,000	16,000	9,900	12,900	6,800	9,800	3,700	6,700	150

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



150 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Counterweight	
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds
26	82.3	157.4	140,500	150,500*
28	81.5	157.1	121,900	138,200*
30	80.7	156.7	107,200	127,600*
32	80.0	156.4	95,400	116,100
34	79.2	156.0	85,600	104,500
36	78.4	155.5	77,500	94,700
38	77.6	155.1	70,500	86,400
40	76.8	154.6	64,500	79,300
45	74.9	153.2	52,700	65,200
50	72.9	151.7	43,900	54,700
55	70.8	150.0	37,100	46,700
60	68.8	148.1	31,700	40,300
65	66.7	145.9	27,400	35,100
70	64.6	143.6	23,700	30,800
75	62.5	141.0	20,600	27,100
80	60.3	138.1	18,000	24,000
85	58.0	135.0	15,700	21,300
90	55.7	131.7	13,700	19,000
95	53.3	128.0	12,000	16,900
100	50.9	123.9	10,400	15,000
105	48.3	119.6	9,000	13,400
110	45.7	114.7	7,700	11,900
115	42.9	109.5	6,600	10,500
120	40.0	103.6	5,500	9,300
125	36.8	97.1	4,600	8,200
130	33.4	89.7	3,700	7,100
135	29.7	81.3	2,800	6,200
140	25.4	71.3	2,100	5,300
145	20.3	58.9		4,400
150	13.4	41.4		3,500

Liftcrane Boom Capacities

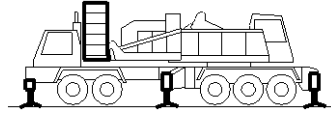
Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



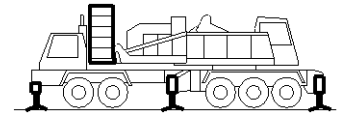
160 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		44,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
26	82.8	167.5	155,900*	155,900*	155,900*	155,900*	155,900*	155,900*	155,900*	155,900*	26
28	82.1	167.2	150,500*	150,500*	150,500*	150,500*	150,500*	150,500*	147,700	147,800*	28
30	81.3	166.9	145,000*	145,000*	145,000*	145,000*	145,000*	145,000*	130,200	136,500*	30
32	80.6	166.5	136,000*	136,000*	136,000*	136,000*	135,400*	135,400*	116,100	126,700*	32
34	79.9	166.2	128,100*	128,100*	128,100*	128,100*	123,500	126,200*	104,500	118,100*	34
36	79.1	165.8	121,100*	121,100*	121,100*	121,100*	112,200	118,100*	94,800	110,400*	36
38	78.4	165.3	115,000*	115,000*	115,000*	115,000*	102,600	110,900*	86,500	102,600	38
40	77.7	164.9	109,400*	109,400*	109,400	109,400*	94,400	104,400*	79,400	94,300	40
45	75.8	163.6	97,800*	97,800*	90,800	96,900*	78,100	90,800	65,300	77,900	45
50	74.0	162.2	88,200	88,500*	77,100	85,500*	65,900	77,000	54,800	65,800	50
55	72.1	160.6	76,300	80,900*	66,400	76,200*	56,600	66,300	46,800	56,400	55
60	70.2	158.8	66,800	73,000*	58,000	66,800	49,200	57,900	40,300	49,000	60
65	68.3	156.8	59,200	66,100*	51,100	59,100	43,100	51,000	35,100	42,900	65
70	66.3	154.6	52,800	60,100	45,400	52,700	38,100	45,300	30,800	37,900	70
75	64.3	152.2	47,400	54,100	40,600	47,300	33,900	40,500	27,100	33,700	75
80	62.3	149.6	42,800	49,000	36,500	42,700	30,300	36,400	24,000	30,100	80
85	60.2	146.8	38,800	44,600	33,000	38,700	27,100	32,800	21,300	26,900	85
90	58.1	143.7	35,300	40,700	29,800	35,200	24,400	29,700	18,900	24,200	90
95	56.0	140.4	32,200	37,300	27,100	32,200	22,000	27,000	16,800	21,800	95
100	53.8	136.7	29,500	34,300	24,700	29,400	19,800	24,500	15,000	19,700	100
105	51.5	132.8	27,100	31,600	22,500	27,000	17,900	22,400	13,300	17,700	105
110	49.1	128.5	24,900	29,200	20,500	24,800	16,200	20,400	11,800	16,000	110
115	46.7	123.9	22,900	27,000	18,800	22,800	14,600	18,600	10,500	14,500	115
120	44.1	118.8	21,100	25,000	17,100	21,000	13,200	17,000	9,200	13,000	120
125	41.5	113.2	19,400	23,200	15,700	19,300	11,900	15,500	8,100	11,700	125
130	38.6	107.1	17,900	21,500	14,300	17,800	10,700	14,200	7,000	10,500	130
135	35.6	100.3	16,500	19,900	13,000	16,400	9,600	12,900	6,100	9,400	135
140	32.3	92.6	15,200	18,500	11,900	15,100	8,500	11,800	5,200	8,400	140
145	28.7	83.8	14,000	17,200	10,800	13,900	7,600	10,700	4,300	7,400	145
150	24.6	73.5	12,900	15,900	9,800	12,800	6,700	9,700	3,600	6,500	150
155	19.6	60.6	11,800	14,700	8,800	11,700	5,800	8,700	2,800	5,700	155
160	12.9	42.5	10,700	13,600	7,800	10,600	4,900	7,700	2,000	4,800	160

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



160 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Counterweight	
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds
26	82.8	167.5	140,600	150,100*
28	82.1	167.2	121,900	137,800*
30	81.3	166.9	107,200	127,200*
32	80.6	166.5	95,300	116,000
34	79.9	166.2	85,500	104,400
36	79.1	165.8	77,300	94,600
38	78.4	165.3	70,400	86,300
40	77.7	164.9	64,400	79,100
45	75.8	163.6	52,500	65,000
50	74.0	162.2	43,700	54,500
55	72.1	160.6	36,900	46,500
60	70.2	158.8	31,500	40,100
65	68.3	156.8	27,100	34,800
70	66.3	154.6	23,400	30,500
75	64.3	152.2	20,400	26,900
80	62.3	149.6	17,700	23,700
85	60.2	146.8	15,400	21,100
90	58.1	143.7	13,400	18,700
95	56.0	140.4	11,700	16,600
100	53.8	136.7	10,100	14,800
105	51.5	132.8	8,700	13,100
110	49.1	128.5	7,500	11,600
115	46.7	123.9	6,300	10,300
120	44.1	118.8	5,300	9,000
125	41.5	113.2	4,300	7,900
130	38.6	107.1	3,400	6,900
135	35.6	100.3	2,600	5,900
140	32.3	92.6		5,000
145	28.7	83.8		4,200
150	24.6	73.5		3,400
155	19.6	60.6		2,700
160	12.9	42.5		

Liftcrane Boom Capacities

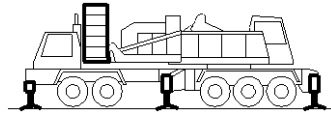
Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



170 Ft. Boom

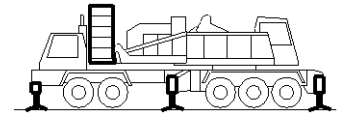


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		44,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
28	82.5	177.3	147,500*	147,500*	147,500*	147,500*	147,500*	147,500*	147,500*	147,500*	28
30	81.8	177.0	142,300*	142,300*	142,300*	142,300*	142,300*	142,300*	130,200	136,400*	30
32	81.2	176.7	133,300*	133,300*	133,300*	133,300*	133,300*	133,300*	116,100	126,600*	32
34	80.5	176.3	125,500*	125,500*	125,500*	125,500*	123,500	125,500*	104,500	118,000*	34
36	79.8	176.0	118,600*	118,600*	118,600*	118,600*	112,200	118,100*	94,800	110,400*	36
38	79.1	175.6	112,400*	112,400*	112,400*	112,400*	102,600	110,800*	86,500	102,600	38
40	78.4	175.1	106,900*	106,900*	106,900*	106,900*	94,400	104,400*	79,400	94,300	40
45	76.7	174.0	95,400*	95,400*	90,800	95,400*	78,000	90,800*	65,300	77,900	45
50	74.9	172.6	86,200*	86,200*	77,000	85,400*	65,900	77,000	54,800	65,700	50
55	73.2	171.1	76,300	78,700*	66,400	76,100*	56,600	66,300	46,700	56,400	55
60	71.4	169.4	66,800	72,400*	58,000	66,800	49,200	57,900	40,300	49,000	60
65	69.6	167.6	59,100	66,000*	51,100	59,100	43,100	51,000	35,100	42,900	65
70	67.8	165.6	52,700	60,100	45,400	52,700	38,100	45,300	30,800	37,900	70
75	65.9	163.3	47,400	54,100	40,600	47,300	33,800	40,500	27,100	33,700	75
80	64.1	160.9	42,800	49,000	36,500	42,700	30,200	36,400	24,000	30,000	80
85	62.2	158.3	38,800	44,600	32,900	38,700	27,100	32,800	21,300	26,900	85
90	60.2	155.5	35,300	40,700	29,800	35,200	24,400	29,700	18,900	24,200	90
95	58.3	152.4	32,200	37,300	27,100	32,100	21,900	27,000	16,800	21,800	95
100	56.2	149.1	29,500	34,300	24,700	29,400	19,800	24,500	15,000	19,600	100
105	54.2	145.5	27,100	31,600	22,500	27,000	17,900	22,300	13,300	17,700	105
110	52.0	141.6	24,900	29,200	20,500	24,800	16,200	20,400	11,800	16,000	110
115	49.8	137.4	22,900	27,000	18,700	22,800	14,600	18,600	10,400	14,400	115
120	47.6	132.9	21,100	25,000	17,100	21,000	13,200	17,000	9,200	13,000	120
125	45.2	128.0	19,400	23,200	15,700	19,300	11,900	15,500	8,100	11,700	125
130	42.7	122.7	17,900	21,500	14,300	17,800	10,700	14,200	7,000	10,500	130
135	40.1	116.8	16,500	19,900	13,000	16,400	9,600	12,900	6,100	9,400	135
140	37.4	110.4	15,200	18,500	11,900	15,200	8,500	11,800	5,200	8,400	140
145	34.5	103.3	14,000	17,200	10,800	14,000	7,600	10,700	4,400	7,500	145
150	31.3	95.4	12,900	16,000	9,800	12,800	6,700	9,700	3,600	6,600	150
155	27.8	86.2	11,900	14,800	8,900	11,800	5,900	8,800	2,900	5,800	155
160	23.8	75.5	10,900	13,700	8,000	10,800	5,100	7,900	2,200	5,000	160
165	19.0	62.2	9,900	12,700	7,100	9,800	4,300	7,000		4,200	165
170	12.5	43.5	9,000	11,700	6,300	8,900	3,600	6,200		3,500	170

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



180 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		44,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
28	82.9	187.4	133,400*	133,400*	133,400*	133,400*	133,400*	133,400*	133,400*	133,400*	28
30	82.3	187.1	129,000*	129,000*	129,000*	129,000*	129,000*	129,000*	129,000*	129,000*	30
32	81.7	186.8	124,900*	124,900*	124,900*	124,900*	124,900*	124,900*	116,200	124,900*	32
34	81.0	186.5	120,900*	120,900*	120,900*	120,900*	120,900*	120,900*	104,500	117,600*	34
36	80.4	186.1	115,700*	115,700*	115,700*	115,700*	112,200	115,700*	94,700	110,000*	36
38	79.7	185.8	109,700*	109,700*	109,700*	109,700*	102,500	109,700*	86,400	102,500	38
40	79.1	185.4	104,300*	104,300*	104,300*	104,300*	94,300	104,000*	79,300	94,200	40
45	77.4	184.3	92,900*	92,900*	90,600	92,900*	77,900	90,300*	65,100	77,700	45
50	75.8	183.0	83,800*	83,800*	76,800	83,800*	65,700	76,800	54,600	65,500	50
55	74.1	181.6	76,000	76,500*	66,200	75,700*	56,300	66,100	46,500	56,100	55
60	72.5	180.0	66,600	70,300*	57,700	66,500	48,900	57,600	40,000	48,700	60
65	70.8	178.3	58,800	65,000*	50,800	58,800	42,800	50,700	34,800	42,600	65
70	69.1	176.4	52,400	59,700*	45,100	52,400	37,800	45,000	30,400	37,600	70
75	67.4	174.3	47,000	53,800	40,300	47,000	33,500	40,100	26,800	33,300	75
80	65.6	172.0	42,400	48,700	36,200	42,300	29,900	36,000	23,600	29,700	80
85	63.8	169.6	38,400	44,200	32,600	38,300	26,800	32,500	20,900	26,600	85
90	62.1	167.0	34,900	40,400	29,500	34,900	24,000	29,300	18,500	23,800	90
95	60.2	164.1	31,900	37,000	26,700	31,800	21,600	26,600	16,400	21,400	95
100	58.4	161.0	29,100	33,900	24,300	29,000	19,400	24,200	14,600	19,300	100
105	56.4	157.8	26,700	31,200	22,100	26,600	17,500	22,000	12,900	17,400	105
110	54.5	154.2	24,500	28,800	20,100	24,400	15,800	20,000	11,400	15,600	110
115	52.5	150.4	22,500	26,600	18,400	22,400	14,200	18,300	10,100	14,100	115
120	50.4	146.3	20,700	24,600	16,800	20,600	12,800	16,600	8,800	12,700	120
125	48.3	141.9	19,100	22,800	15,300	19,000	11,500	15,200	7,700	11,400	125
130	46.1	137.2	17,500	21,100	13,900	17,500	10,300	13,800	6,700	10,200	130
135	43.8	132.0	16,200	19,600	12,700	16,100	9,200	12,600	5,700	9,100	135
140	41.5	126.4	14,900	18,100	11,500	14,800	8,200	11,400	4,800	8,100	140
145	39.0	120.4	13,700	16,800	10,400	13,600	7,200	10,300	4,000	7,100	145
150	36.3	113.7	12,500	15,600	9,400	12,500	6,300	9,300	3,200	6,200	150
155	33.5	106.3	11,500	14,400	8,500	11,400	5,500	8,400	2,500	5,400	155
160	30.4	98.0	10,500	13,400	7,600	10,500	4,700	7,500		4,600	160
165	27.0	88.6	9,600	12,300	6,800	9,500	4,000	6,700		3,900	165
170	23.1	77.5	8,700	11,400	6,000	8,700	3,300	5,900		3,200	170
175	18.5	63.8	7,900	10,500	5,300	7,800	2,600	5,200		2,500	175
180	12.1	44.5	7,100	9,600	4,500	7,000	2,000	4,400			180

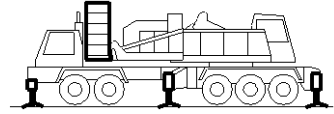
Liftcrane Boom Capacities

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

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



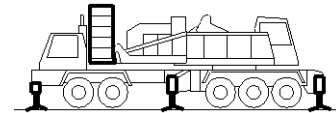
190 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
30	82.7	197.2	121,100*	121,100*	121,100*	121,100*	121,100*	121,100*	30
32	82.1	196.9	116,900*	116,900*	116,900*	116,900*	116,900*	116,900*	32
34	81.5	196.6	112,900*	112,900*	112,900*	112,900*	112,900*	112,900*	34
36	80.9	196.3	109,100*	109,100*	109,100*	109,100*	109,100*	109,100*	36
38	80.3	195.9	105,500*	105,500*	105,500*	105,500*	102,400	105,500*	38
40	79.7	195.6	101,500*	101,500*	101,500*	101,500*	94,100	101,500*	40
45	78.1	194.5	90,400*	90,400*	90,400*	90,400*	77,700	90,000*	45
50	76.6	193.3	81,500*	81,500*	76,600	81,500*	65,500	76,500	50
55	75.0	192.0	74,200*	74,200*	65,900	74,200*	56,100	65,800	55
60	73.4	190.5	66,300	68,100*	57,400	66,300	48,600	57,300	60
65	71.8	188.9	58,600	62,900*	50,500	58,500	42,500	50,400	65
70	70.2	187.1	52,100	58,400*	44,800	52,100	37,500	44,700	70
75	68.6	185.1	46,700	53,500	40,000	46,700	33,200	39,800	75
80	67.0	183.0	42,100	48,300	35,800	42,000	29,600	35,700	80
85	65.3	180.7	38,100	43,900	32,300	38,000	26,400	32,100	85
90	63.6	178.3	34,600	40,000	29,100	34,500	23,700	29,000	90
95	61.9	175.6	31,500	36,600	26,400	31,400	21,300	26,300	95
100	60.2	172.8	28,800	33,600	23,900	28,700	19,100	23,800	100
105	58.4	169.7	26,400	30,900	21,800	26,300	17,200	21,600	105
110	56.6	166.4	24,200	28,500	19,800	24,100	15,400	19,700	110
115	54.8	162.9	22,200	26,300	18,000	22,100	13,900	17,900	115
120	52.9	159.2	20,400	24,300	16,400	20,300	12,400	16,300	120
125	51.0	155.2	18,700	22,400	14,900	18,600	11,100	14,800	125
130	49.0	150.9	17,200	20,800	13,600	17,100	9,900	13,500	130
135	46.9	146.2	15,800	19,200	12,300	15,700	8,800	12,200	135
140	44.8	141.3	14,500	17,800	11,200	14,400	7,800	11,100	140
145	42.6	135.9	13,300	16,500	10,100	13,200	6,900	10,000	145
150	40.3	130.1	12,200	15,300	9,100	12,100	6,000	9,000	150
155	37.9	123.8	11,200	14,100	8,200	11,100	5,200	8,100	155
160	35.3	116.8	10,200	13,000	7,300	10,100	4,400	7,200	160
165	32.5	109.2	9,300	12,000	6,500	9,200	3,700	6,400	165
170	29.5	100.6	8,400	11,100	5,700	8,300	3,000	5,600	170
175	26.2	90.9	7,600	10,200	5,000	7,500	2,300	4,900	175
180	22.5	79.5	6,800	9,300	4,300	6,800		4,200	180
185	17.9	65.3	6,100	8,500	3,600	6,000		3,500	185
190	11.8	45.5	5,300	7,700	2,900	5,300		2,800	190

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



200 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
32	82.5	207.1	105,900*	105,900*	105,900*	105,900*	105,900*	105,900*	32
34	81.9	206.8	102,400*	102,400*	102,400*	102,400*	102,400*	102,400*	34
36	81.3	206.4	99,000*	99,000*	99,000*	99,000*	99,000*	99,000*	36
38	80.8	206.1	95,800*	95,800*	95,800*	95,800*	95,800*	95,800*	38
40	80.2	205.7	92,700*	92,700*	92,700*	92,700*	92,700*	92,700*	40
45	78.7	204.7	85,400*	85,400*	85,400*	85,400*	77,500	85,400*	45
50	77.2	203.6	78,600*	78,600*	76,400	78,600*	65,200	76,300	50
55	75.8	202.4	72,200*	72,200*	65,700	72,200*	55,800	65,600	55
60	74.3	201.0	66,000	66,300*	57,100	66,000	48,300	57,000	60
65	72.8	199.4	58,200	61,100*	50,200	58,200	42,200	50,100	65
70	71.3	197.7	51,800	56,300*	44,500	51,700	37,100	44,300	70
75	69.7	195.9	46,400	52,100*	39,600	46,300	32,900	39,500	75
80	68.2	193.9	41,700	48,000	35,500	41,700	29,200	35,300	80
85	66.6	191.7	37,700	43,500	31,900	37,600	26,100	31,800	85
90	65.1	189.4	34,200	39,700	28,800	34,100	23,300	28,600	90
95	63.5	186.9	31,100	36,200	26,000	31,100	20,900	25,900	95
100	61.8	184.3	28,400	33,200	23,600	28,300	18,700	23,400	100
105	60.2	181.4	26,000	30,500	21,400	25,900	16,800	21,200	105
110	58.5	178.4	23,800	28,100	19,400	23,700	15,000	19,300	110
115	56.8	175.1	21,800	25,900	17,600	21,700	13,500	17,500	115
120	55.1	171.7	20,000	23,900	16,000	19,900	12,000	15,900	120
125	53.3	168.0	18,300	22,000	14,500	18,200	10,700	14,400	125
130	51.5	164.0	16,800	20,400	13,200	16,700	9,500	13,100	130
135	49.6	159.8	15,400	18,800	11,900	15,300	8,400	11,800	135
140	47.7	155.3	14,100	17,400	10,800	14,000	7,400	10,700	140
145	45.7	150.4	12,900	16,100	9,700	12,800	6,500	9,600	145
150	43.6	145.3	11,800	14,800	8,700	11,700	5,600	8,600	150
155	41.5	139.7	10,800	13,700	7,800	10,700	4,800	7,700	155
160	39.2	133.6	9,800	12,600	6,900	9,700	4,000	6,800	160
165	36.8	127.1	8,900	11,600	6,100	8,800	3,300	6,000	165
170	34.3	119.9	8,000	10,400*	5,300	7,900	2,600	5,200	170
175	31.7	112.0	7,200	9,300*	4,600	7,100	2,000	4,500	175
180	28.8	103.2	6,400	8,200*	3,900	6,400		3,800	180
185	25.5	93.1	5,700	7,200*	3,200	5,600		3,200	185
190	21.9	81.4	5,000	6,200*	2,600	4,900		2,500	190
195	17.5	66.8	4,300	5,300*	2,000	4,300			195
200	11.4	46.4	3,700	4,400*		3,600			200

Liftcrane Boom Capacities

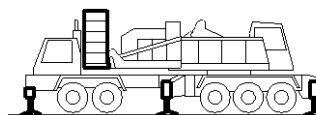
Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



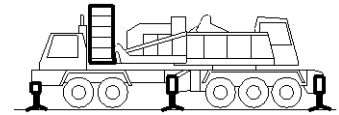
210 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
34	82.3	216.9	106,100*	106,100*	106,100*	106,100*	34
36	81.8	216.6	103,200*	103,200*	103,200*	103,200*	36
38	81.2	216.2	100,400*	100,400*	100,400*	100,400*	38
40	80.7	215.9	97,700*	97,700*	97,700*	97,700*	40
45	79.3	215.0	87,500*	87,500*	87,500*	87,500*	45
50	77.9	213.9	78,700*	78,700*	76,100	78,700*	50
55	76.5	212.7	71,500*	71,500*	65,400	71,500*	55
60	75.1	211.4	65,500*	65,500*	56,900	65,500*	60
65	73.6	209.9	58,000	60,400*	50,000	57,900	65
70	72.2	208.3	51,600	56,000*	44,200	51,500	70
75	70.8	206.6	46,100	52,000*	39,400	46,100	75
80	69.3	204.7	41,500	47,700	35,200	41,400	80
85	67.8	202.6	37,500	43,300	31,600	37,400	85
90	66.3	200.5	34,000	39,400	28,500	33,900	90
95	64.8	198.1	30,900	36,000	25,700	30,800	95
100	63.3	195.6	28,200	33,000	23,300	28,100	100
105	61.8	192.9	25,700	30,200	21,100	25,600	105
110	60.2	190.1	23,500	27,800	19,100	23,400	110
115	58.6	187.1	21,500	25,600	17,400	21,400	115
120	57.0	183.8	19,700	23,600	15,700	19,600	120
125	55.3	180.4	18,000	21,800	14,300	18,000	125
130	53.6	176.7	16,500	20,100	12,900	16,500	130
135	51.9	172.8	15,100	18,600	11,700	15,100	135
140	50.1	168.7	13,900	17,100	10,500	13,800	140
145	48.3	164.3	12,700	15,800	9,400	12,600	145
150	46.4	159.6	11,600	14,600	8,400	11,500	150
155	44.5	154.5	10,500	13,500	7,500	10,400	155
160	42.5	149.1	9,600	12,400	6,700	9,500	160
165	40.4	143.3	8,600	11,400	5,800	8,600	165
170	38.2	137.1	7,800	10,500	5,100	7,700	170
175	35.9	130.3	7,000	9,600	4,400	6,900	175
180	33.5	122.9	6,200	8,700	3,700	6,200	180
185	30.9	114.7	5,500	7,900	3,000	5,400	185
190	28.0	105.6	4,800	7,200	2,400	4,800	190
195	24.9	95.3	4,200	6,500		4,100	195
200	21.3	83.2	3,600	5,800		3,500	200
205	17.0	68.3	2,900	5,100		2,900	205
210	11.2	47.3	2,300	4,500		2,300	210

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
Without Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



220 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
36	82.1	226.7	107,600*	107,600*	107,600*	107,600*	36
38	81.6	226.4	101,700*	101,700*	101,700*	101,700*	38
40	81.1	226.0	96,400*	96,400*	96,400*	96,400*	40
45	79.8	225.1	85,300*	85,300*	85,300*	85,300*	45
50	78.4	224.1	76,600*	76,600*	76,000	76,600*	50
55	77.1	223.0	69,400*	69,400*	65,300	69,400*	55
60	75.7	221.7	63,500*	63,500*	56,800	63,500*	60
65	74.4	220.3	57,800	58,500*	49,800	57,800	65
70	73.0	218.8	51,400	54,200*	44,100	51,300	70
75	71.7	217.2	46,000	50,400*	39,200	45,900	75
80	70.3	215.4	41,300	47,000*	35,100	41,300	80
85	68.9	213.4	37,300	43,100	31,500	37,200	85
90	67.5	211.4	33,800	39,200	28,400	33,700	90
95	66.1	209.2	30,700	35,800	25,600	30,600	95
100	64.6	206.8	28,000	32,800	23,100	27,900	100
105	63.2	204.3	25,500	30,100	21,000	25,500	105
110	61.7	201.6	23,300	27,600	19,000	23,300	110
115	60.2	198.8	21,400	25,400	17,200	21,300	115
120	58.7	195.7	19,500	23,400	15,600	19,500	120
125	57.1	192.5	17,900	21,600	14,100	17,800	125
130	55.5	189.1	16,400	19,900	12,800	16,300	130
135	53.9	185.5	15,000	18,400	11,500	14,900	135
140	52.3	181.6	13,700	17,000	10,400	13,600	140
145	50.6	177.6	12,500	15,700	9,300	12,400	145
150	48.9	173.2	11,400	14,400	8,300	11,300	150
155	47.1	168.6	10,400	13,300	7,400	10,300	155
160	45.3	163.7	9,400	12,200	6,500	9,300	160
165	43.4	158.5	8,500	11,200	5,700	8,400	165
170	41.4	152.9	7,600	10,300	4,900	7,600	170
175	39.4	146.9	6,900	9,400	4,200	6,800	175
180	37.3	140.4	6,100	8,600	3,500	6,000	180
185	35.0	133.4	5,400	7,800	2,900	5,300	185
190	32.7	125.8	4,700	7,100	2,300	4,600	190
195	30.1	117.4	4,100	6,400		4,000	195
200	27.4	108.0	3,400	5,700		3,400	200
205	24.3	97.4	2,900	5,000		2,800	205
210	20.8	85.0	2,300	4,400		2,200	210
215	16.6	69.7		3,800			215
220	10.9	48.2		3,200			220

Liftcrane Boom Capacities

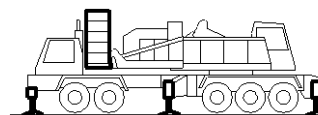
Boom No. 78T With Heavy Lift Top

0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



230 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight	
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds
38	82.0	236.5	94,800*	94,800*
40	81.5	236.2	92,600*	92,600*
45	80.2	235.3	83,300*	83,300*
50	78.9	234.3	74,700*	74,700*
55	77.7	233.3	67,600*	67,600*
60	76.4	232.0	61,800*	61,800*
65	75.1	230.7	56,800*	56,800*
70	73.8	229.3	51,100	52,500*
75	72.5	227.7	45,600	48,800*
80	71.2	226.0	41,000	45,500*
85	69.8	224.2	37,000	42,600*
90	68.5	222.2	33,400	38,900
95	67.2	220.1	30,300	35,400
100	65.8	217.9	27,600	32,400
105	64.4	215.5	25,100	29,700
110	63.0	213.0	22,900	27,200
115	61.6	210.3	20,900	25,000
120	60.2	207.4	19,100	23,000
125	58.7	204.4	17,500	21,200
130	57.2	201.2	16,000	19,500
135	55.7	197.8	14,600	18,000
140	54.2	194.2	13,300	16,600
145	52.6	190.4	12,100	15,200
150	51.0	186.4	11,000	14,000
155	49.4	182.2	9,900	12,900
160	47.7	177.6	9,000	11,800
165	46.0	172.9	8,100	10,800
170	44.2	167.8	7,200	9,900
175	42.4	162.4	6,400	9,000
180	40.5	156.6	5,700	8,200
185	38.5	150.4	5,000	7,400
190	36.4	143.7	4,300	6,600
195	34.2	136.5	3,600	5,900
200	31.9	128.6	3,000	5,300
205	29.4	120.0	2,400	4,600
210	26.7	110.4		4,000
215	23.7	99.5		3,400
220	20.3	86.8		2,900
225	16.2	71.1		2,300

240 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight	
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds
40	81.8	246.3	83,800*	83,800*
45	80.6	245.5	78,600*	78,600*
50	79.4	244.5	73,000*	73,000*
55	78.2	243.5	66,000*	66,000*
60	77.0	242.4	60,200*	60,200*
65	75.7	241.1	55,200*	55,200*
70	74.5	239.7	50,700	51,000*
75	73.2	238.2	45,300	47,300*
80	72.0	236.6	40,600	44,000*
85	70.7	234.8	36,600	41,200*
90	69.5	233.0	33,100	38,500
95	68.2	231.0	30,000	35,100
100	66.9	228.8	27,200	32,000
105	65.6	226.6	24,800	29,300
110	64.2	224.2	22,500	26,900
115	62.9	221.6	20,500	24,600
120	61.5	218.9	18,700	22,600
125	60.2	216.1	17,100	20,800
130	58.8	213.1	15,600	19,100
135	57.4	209.9	14,200	17,600
140	55.9	206.5	12,900	16,200
145	54.5	202.9	11,700	14,800
150	53.0	199.2	10,600	13,600
155	51.4	195.2	9,500	12,500
160	49.9	191.1	8,600	11,400
165	48.3	186.6	7,700	10,400
170	46.7	182.0	6,800	9,500*
175	45.0	177.0	6,000	8,300*
180	43.2	171.7	5,300	7,300*
185	41.4	166.1	4,500	6,300*
190	39.6	160.2	3,900	5,300*
195	37.6	153.8	3,200	4,400*
200	35.6	146.9	2,600	3,500*
205	33.5	139.5	2,000	2,600*