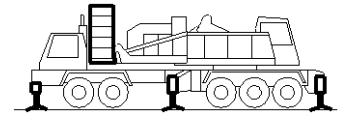


Liftcrane Boom Capacities

**Boom No. 78TA 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. A03379**, 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.

MACHINE TRAVEL: Machine to travel (1/4 MPH) on a firm, level and uniformly supporting surface with outrigger jacks retracted and boom within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8458-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.

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.

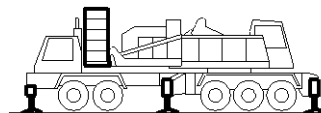
Upper Boom Point Deduct
Deduct 1,000 Lbs. from capacities when upper boom point is attached.

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

Liftcrane Boom Capacities

Boom No. 78TA 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



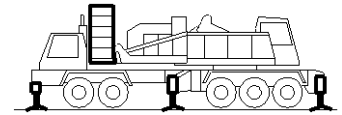
Maximum Boom and Jib Lengths Lifted Unassisted On Outriggers			
Over Rear of Outriggers		Over Side of Fully Extended Outriggers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134
95,400 Lb. Crane Counterweight			
230 Ft.	—	210 Ft.	—
220 Ft.	—	200 Ft.	—
210 Ft.	30 Ft.	190 Ft.	50 Ft.
200 Ft.	60 Ft.	180 Ft.	80 Ft.
190 Ft.	80 Ft.		
78,400 Lb. Crane Counterweight			
210 Ft.	—	190 Ft.	—
200 Ft.	—	180 Ft.	40 Ft.
190 Ft.	50 Ft.	170 Ft.	60 Ft.
180 Ft.	70 Ft.	160 Ft.	80 Ft.
170 Ft.	80 Ft.		
61,400 Lb. Crane Counterweight			
190 Ft.	—	180 Ft.	—
180 Ft.	30 Ft.	170 Ft.	—
170 Ft.	60 Ft.	160 Ft.	40 Ft.
160 Ft.	80 Ft.	150 Ft.	60 Ft.
		140 Ft.	80 Ft.
44,400 Lb. Crane Counterweight			
180 Ft.	—	160 Ft.	—
170 Ft.	—	150 Ft.	—
160 Ft.	30 Ft.	140 Ft.	50 Ft.
150 Ft.	60 Ft.	130 Ft.	70 Ft.
140 Ft.	80 Ft.	120 Ft.	80 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
95,400 Lb. Crane Counterweight		
140 Ft.	—	Not Allowed
130 Ft.	30 Ft.	
120 Ft.	60 Ft.	
110 Ft.	80 Ft.	
78,400 Lb. Crane Counterweight		
130 Ft.	—	Not Allowed
120 Ft.	—	
110 Ft.	40 Ft.	
100 Ft.	70 Ft.	
61,400 Lb. Crane Counterweight		
110 Ft.	—	Not Allowed
100 Ft.	30 Ft.	
44,400 Lb. Crane Counterweight		
90 Ft.	—	Not Allowed
Load block, hook and weight ball on ground at start.		

Liftcrane Boom Capacities

Boom No. 78TA 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	
Boom Length	Jib No. 134	Boom Length	Jib No. 134
27,400 Lb. Crane Counterweight			
150 Ft.	—	140 Ft.	—
140 Ft.	40 Ft.	130 Ft.	—
130 Ft.	70 Ft.	120 Ft.	50 Ft.
120 Ft.	80 Ft.	110 Ft.	70 Ft.
		100 Ft.	80 Ft.
10,400 Lb. Crane Counterweight			
140 Ft.	—	120 Ft.	—
130 Ft.	—	110 Ft.	—
120 Ft.	40 Ft.	100 Ft.	40 Ft.
110 Ft.	60 Ft.		
100 Ft.	80 Ft.		
0 Lb. Crane Counterweight			
120 Ft.	—	100 Ft.	—
110 Ft.	30 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. 8456-A, -B or -C** (0, 8,000 or 25,000 Lb. front bumper counterweight [FBC]) for fully extended outrigger boom capacities.

Liftcrane Boom Capacities

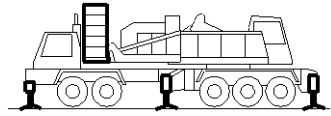
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



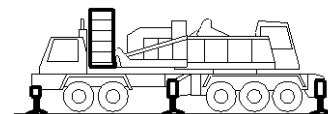
42.5 Ft. Boom

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	98,200*	98,200*	86,400	96,900*	73,600	86,300	60,800	73,400	45

Liftcrane Boom Capacities

Boom No. 78TA 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	134,500	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

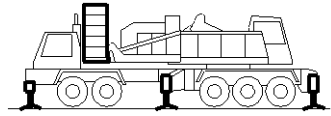
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

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	103,800*	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

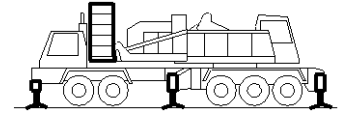
Liftcrane Boom Capacities

Boom No. 78TA 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	65,500	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	44,600	25,200	34,600	19,200	28,600	55
60	22.1	29.4	29,600	38,100	20,700	29,200	15,300	23,700	60

Liftcrane Boom Capacities

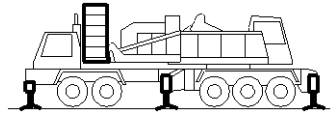
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

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*	290,100*	290,100*	15
16	81.7	78.0	294,300*	294,300*	294,300*	294,300*	286,000*	286,000*	272,800*	272,800*	16
17	80.9	77.8	292,400*	292,400*	282,400*	282,400*	269,900*	269,900*	257,400*	257,400*	17
18	80.0	77.6	279,100*	279,100*	267,200*	267,200*	255,400*	255,400*	243,500*	243,500*	18
19	79.2	77.4	264,800*	264,800*	253,600*	253,600*	242,300*	242,300*	231,000*	231,000*	19
20	78.4	77.2	251,900*	251,900*	241,200*	241,200*	230,400*	230,400*	218,400*	218,400*	20
22	76.7	76.6	229,400*	229,400*	219,600*	219,600*	209,100*	209,100*	196,200*	196,200*	22
24	75.0	76.1	210,400*	210,400*	201,400*	201,400*	189,600*	189,600*	177,900*	177,900*	24
26	73.2	75.4	194,000*	194,000*	184,100*	184,100*	173,300*	173,300*	162,500*	162,500*	26
28	71.5	74.7	179,400*	179,400*	169,400*	169,400*	159,400*	159,400*	144,300	149,400*	28
30	69.7	73.9	166,100*	166,100*	156,800*	156,800*	147,400*	147,400*	127,400	138,100*	30
32	68.0	73.1	154,400*	154,400*	145,700*	145,700*	134,600	137,000*	113,800	128,300*	32
34	66.2	72.1	144,200*	144,200*	136,100*	136,100*	121,500	127,900*	102,600	119,700*	34
36	64.3	71.1	135,200*	135,200*	127,500*	127,500*	110,600	119,800*	93,200	110,500	36
38	62.5	70.0	127,100*	127,100*	117,400	119,900*	101,300	112,600*	85,100	101,200	38
40	60.6	68.9	119,900*	119,900*	108,300	113,000*	93,300	106,100*	78,300	93,100	40
45	55.6	65.5	102,900	104,700*	90,100	98,600*	77,300	90,000	64,600	77,100	45
50	50.4	61.5	87,800	92,600*	76,600	87,100*	65,500	76,500	54,400	65,300	50
55	44.6	56.6	76,000	82,700*	66,200	76,000	56,300	66,000	46,500	56,100	55
60	38.2	50.5	66,700	74,500*	57,800	66,600	49,000	57,700	40,200	48,800	60
65	30.6	42.6	59,000	67,000	51,000	58,900	43,000	50,800	35,000	42,700	65
70	20.3	31.1	52,500	59,800	45,200	52,400	37,800	45,000	30,500	37,600	70

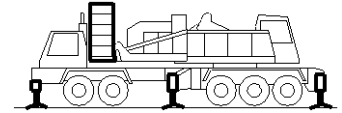
Liftcrane Boom Capacities

Boom No. 78TA 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	276,100*	276,100*	262,100*	262,100*	251,500*	251,500*	15
16	81.7	78.0	259,600*	259,600*	244,700*	244,700*	233,600*	233,600*	16
17	80.9	77.8	244,900*	244,900*	228,400*	228,400*	218,000*	218,000*	17
18	80.0	77.6	230,000*	230,000*	214,000*	214,000*	204,300*	204,300*	18
19	79.2	77.4	216,300*	216,300*	201,300*	201,300*	182,800	192,100*	19
20	78.4	77.2	204,200*	204,200*	189,900*	189,900*	160,200	181,200*	20
22	76.7	76.6	183,300*	183,300*	152,300	170,400*	127,700	162,500*	22
24	75.0	76.1	160,100	166,100*	126,200	154,300*	105,500	139,200	24
26	73.2	75.4	136,500	151,700*	107,200	136,400	89,300	118,200	26
28	71.5	74.7	118,500	139,400*	92,700	118,200	77,000	102,300	28
30	69.7	73.9	104,400	127,400	81,400	104,000	67,300	89,800	30
32	68.0	73.1	93,000	113,700	72,200	92,600	59,500	79,700	32
34	66.2	72.1	83,600	102,400	64,600	83,100	53,100	71,400	34
36	64.3	71.1	75,700	92,900	58,300	75,200	47,700	64,500	36
38	62.5	70.0	69,000	84,900	52,900	68,500	43,100	58,600	38
40	60.6	68.9	63,200	77,900	48,200	62,800	39,100	53,500	40
45	55.6	65.5	51,800	64,200	39,000	51,300	31,200	43,500	45
50	50.4	61.5	43,300	54,000	32,100	42,800	25,400	36,000	50
55	44.6	56.6	36,600	46,200	26,800	36,200	20,800	30,200	55
60	38.2	50.5	31,300	39,900	22,500	30,900	17,100	25,500	60
65	30.6	42.6	26,900	34,700	18,900	26,600	14,100	21,600	65
70	20.3	31.1	23,200	30,200	15,900	22,800	11,400	18,300	70

Liftcrane Boom Capacities

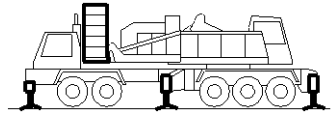
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

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*	272,600*	272,600*	16
17	82.0	88.0	278,500*	278,500*	278,500*	278,500*	269,700*	269,700*	257,200*	257,200*	17
18	81.3	87.8	276,500*	276,500*	267,100*	267,100*	255,200*	255,200*	243,400*	243,400*	18
19	80.6	87.6	264,700*	264,700*	253,400*	253,400*	242,200*	242,200*	230,900*	230,900*	19
20	79.8	87.4	251,800*	251,800*	241,000*	241,000*	230,300*	230,300*	218,400*	218,400*	20
22	78.4	87.0	229,300*	229,300*	219,500*	219,500*	209,100*	209,100*	196,200*	196,200*	22
24	76.9	86.4	210,300*	210,300*	201,200*	201,200*	189,600*	189,600*	177,900*	177,900*	24
26	75.4	85.9	194,100*	194,100*	184,100*	184,100*	173,300*	173,300*	162,500*	162,500*	26
28	73.9	85.3	179,400*	179,400*	169,400*	169,400*	159,400*	159,400*	145,100	149,400*	28
30	72.4	84.6	166,100*	166,100*	156,800*	156,800*	147,400*	147,400*	128,100	138,100*	30
32	70.9	83.9	154,400*	154,400*	145,700*	145,700*	135,300	137,000*	114,400	128,300*	32
34	69.3	83.1	144,200*	144,200*	136,100*	136,100*	122,100	127,900*	103,200	119,700*	34
36	67.8	82.2	135,200*	135,200*	127,500*	127,500*	111,100	119,800*	93,700	111,100	36
38	66.2	81.3	127,200*	127,200*	117,900	119,900*	101,800	112,600*	85,700	101,700	38
40	64.6	80.3	119,900*	119,900*	108,700	113,000*	93,700	106,100*	78,700	93,600	40
45	60.5	77.5	103,300	104,700*	90,500	98,600*	77,800	90,500	65,000	77,600	45
50	56.2	74.2	88,200	92,700*	77,000	87,200*	65,900	76,900	54,800	65,700	50
55	51.7	70.3	76,500	82,800*	66,600	76,400	56,800	66,500	46,900	56,500	55
60	46.8	65.8	67,100	74,600*	58,300	67,000	49,400	58,100	40,600	49,200	60
65	41.5	60.3	59,500	67,500	51,500	59,400	43,500	51,300	35,500	43,200	65
70	35.5	53.6	53,100	60,400	45,800	53,000	38,500	45,600	31,100	38,200	70
75	28.4	45.0	47,700	54,400	41,000	47,600	34,200	40,800	27,400	34,000	75
80	18.8	32.6	43,000	49,200	36,700	42,900	30,400	36,600	24,200	30,200	80

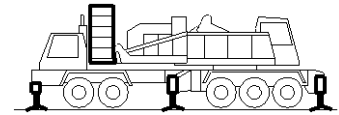
Liftcrane Boom Capacities

Boom No. 78TA 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	259,400*	259,400*	244,700*	244,700*	233,700*	233,700*	16
17	82.0	88.0	244,700*	244,700*	228,400*	228,400*	218,100*	218,100*	17
18	81.3	87.8	230,000*	230,000*	214,000*	214,000*	204,300*	204,300*	18
19	80.6	87.6	216,400*	216,400*	201,300*	201,300*	184,600	192,100*	19
20	79.8	87.4	204,200*	204,200*	189,900*	189,900*	161,700	181,200*	20
22	78.4	87.0	183,300*	183,300*	153,500	170,400*	129,000	162,600*	22
24	76.9	86.4	161,200	166,100*	127,200	154,300*	106,500	140,300	24
26	75.4	85.9	137,400	151,700*	108,100	137,300	90,200	119,100	26
28	73.9	85.3	119,300	139,400*	93,500	119,000	77,800	103,100	28
30	72.4	84.6	105,100	128,100	82,100	104,700	68,000	90,500	30
32	70.9	83.9	93,600	114,300	72,800	93,200	60,100	80,400	32
34	69.3	83.1	84,200	103,000	65,200	83,700	53,600	72,000	34
36	67.8	82.2	76,300	93,400	58,800	75,800	48,200	65,000	36
38	66.2	81.3	69,500	85,400	53,400	69,100	43,600	59,100	38
40	64.6	80.3	63,700	78,400	48,700	63,200	39,600	54,000	40
45	60.5	77.5	52,200	64,700	39,400	51,800	31,700	43,900	45
50	56.2	74.2	43,700	54,500	32,500	43,200	25,800	36,400	50
55	51.7	70.3	37,100	46,600	27,200	36,600	21,200	30,600	55
60	46.8	65.8	31,800	40,300	22,900	31,400	17,500	25,900	60
65	41.5	60.3	27,400	35,200	19,400	27,100	14,500	22,100	65
70	35.5	53.6	23,800	30,900	16,500	23,500	12,000	19,000	70
75	28.4	45.0	20,700	27,200	13,900	20,400	9,800	16,200	75
80	18.8	32.6	17,900	23,900	11,700	17,600	7,800	13,800	80

Liftcrane Boom Capacities

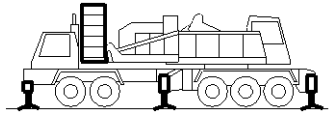
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



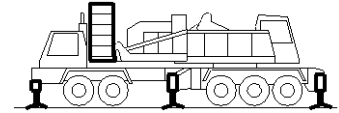
90 Ft. Boom

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	272,800*	272,800*	272,800*	272,800*	269,300*	269,300*	256,800*	256,800*	17
18	82.3	97.9	263,000*	263,000*	263,000*	263,000*	254,900*	254,900*	243,000*	243,000*	18
19	81.6	97.8	253,800*	253,800*	253,100*	253,100*	241,800*	241,800*	230,500*	230,500*	19
20	81.0	97.6	245,200*	245,200*	240,700*	240,700*	229,900*	229,900*	218,200*	218,200*	20
22	79.7	97.2	228,900*	228,900*	219,100*	219,100*	208,900*	208,900*	196,000*	196,000*	22
24	78.4	96.8	210,000*	210,000*	200,900*	200,900*	189,400*	189,400*	177,600*	177,600*	24
26	77.1	96.3	193,700*	193,700*	183,900*	183,900*	173,100*	173,100*	162,200*	162,200*	26
28	75.7	95.7	179,200*	179,200*	169,200*	169,200*	159,200*	159,200*	145,600	149,200*	28
30	74.4	95.1	165,800*	165,800*	156,500*	156,500*	147,200*	147,200*	128,500	137,900*	30
32	73.1	94.5	154,200*	154,200*	145,500*	145,500*	135,600	136,800*	114,800	128,100*	32
34	71.7	93.8	144,000*	144,000*	135,800*	135,800*	122,400	127,700*	103,400	119,500*	34
36	70.4	93.0	135,000*	135,000*	127,300*	127,300*	111,400	119,600*	93,900	111,300	36
38	69.0	92.2	126,900*	126,900*	118,100	119,600*	102,000	112,400*	85,900	101,900	38
40	67.6	91.4	119,700*	119,700*	108,900	112,800*	93,900	105,900*	78,900	93,800	40
45	64.1	89.0	103,500	104,500*	90,700	98,400*	77,900	90,600	65,100	77,700	45
50	60.4	86.2	88,300	92,500*	77,100	87,000*	66,000	77,000	54,900	65,800	50
55	56.6	82.9	76,500	82,600*	66,700	76,500	56,800	66,500	47,000	56,600	55
60	52.7	79.2	67,200	74,400*	58,400	67,100	49,500	58,200	40,700	49,300	60
65	48.5	74.8	59,600	67,500*	51,600	59,500	43,500	51,400	35,500	43,300	65
70	43.9	69.8	53,200	60,500	45,900	53,100	38,600	45,800	31,200	38,400	70
75	39.0	63.8	47,900	54,600	41,100	47,800	34,400	41,000	27,600	34,100	75
80	33.4	56.6	43,300	49,500	37,000	43,200	30,700	36,800	24,500	30,500	80
85	26.7	47.3	39,200	45,000	33,400	39,100	27,500	33,200	21,700	27,300	85
90	17.6	34.1	35,600	41,000	30,100	35,500	24,700	30,000	19,200	24,500	90

Liftcrane Boom Capacities

Boom No. 78TA 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	244,400*	244,400*	228,200*	228,200*	217,900*	217,900*	17
18	82.3	97.9	229,800*	229,800*	213,800*	213,800*	204,100*	204,100*	18
19	81.6	97.8	216,100*	216,100*	201,100*	201,100*	185,900	191,900*	19
20	81.0	97.6	203,900*	203,900*	189,700*	189,700*	162,900	181,000*	20
22	79.7	97.2	183,100*	183,100*	154,400	170,200*	129,900	162,300*	22
24	78.4	96.8	161,900	165,900*	127,900	154,100*	107,200	141,000	24
26	77.1	96.3	138,000	151,400*	108,600	137,900	90,800	119,700	26
28	75.7	95.7	119,800	139,200*	94,000	119,500	78,200	103,600	28
30	74.4	95.1	105,500	128,500	82,400	105,100	68,400	90,900	30
32	73.1	94.5	94,000	114,600	73,100	93,600	60,500	80,700	32
34	71.7	93.8	84,500	103,200	65,500	84,000	53,900	72,300	34
36	70.4	93.0	76,500	93,700	59,100	76,000	48,400	65,300	36
38	69.0	92.2	69,700	85,600	53,600	69,300	43,800	59,300	38
40	67.6	91.4	63,900	78,600	48,900	63,400	39,800	54,200	40
45	64.1	89.0	52,400	64,800	39,600	51,900	31,800	44,000	45
50	60.4	86.2	43,800	54,600	32,600	43,300	25,900	36,500	50
55	56.6	82.9	37,100	46,700	27,300	36,700	21,300	30,700	55
60	52.7	79.2	31,800	40,400	23,000	31,500	17,600	26,000	60
65	48.5	74.8	27,500	35,200	19,500	27,200	14,600	22,200	65
70	43.9	69.8	23,900	31,000	16,600	23,600	12,100	19,100	70
75	39.0	63.8	20,900	27,300	14,100	20,500	10,000	16,400	75
80	33.4	56.6	18,200	24,200	11,900	17,900	8,100	14,000	80
85	26.7	47.3	15,900	21,500	10,000	15,600	6,500	12,000	85
90	17.6	34.1	13,700	19,000	8,300	13,500	4,900	10,100	90

Liftcrane Boom Capacities

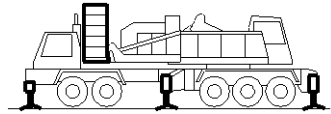
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

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	238,400*	238,400*	238,400*	238,400*	238,400*	238,400*	238,400*	238,400*	18
19	82.5	107.9	230,600*	230,600*	230,600*	230,600*	230,600*	230,600*	230,200*	230,200*	19
20	81.9	107.7	223,100*	223,100*	223,100*	223,100*	223,100*	223,100*	218,000*	218,000*	20
22	80.7	107.4	209,500*	209,500*	209,500*	209,500*	208,700*	208,700*	195,800*	195,800*	22
24	79.6	107.0	197,300*	197,300*	197,300*	197,300*	189,200*	189,200*	177,400*	177,400*	24
26	78.4	106.5	186,300*	186,300*	183,700*	183,700*	172,900*	172,900*	162,000*	162,000*	26
28	77.2	106.1	176,400*	176,400*	169,000*	169,000*	159,000*	159,000*	146,000	148,900*	28
30	76.0	105.5	165,600*	165,600*	156,300*	156,300*	147,000*	147,000*	128,900	137,700*	30
32	74.8	105.0	154,000*	154,000*	145,300*	145,300*	135,900	136,600*	115,100	127,900*	32
34	73.6	104.3	143,800*	143,800*	135,600*	135,600*	122,600	127,400*	103,700	119,300*	34
36	72.4	103.7	134,800*	134,800*	127,000*	127,000*	111,600	119,300*	94,100	111,600	36
38	71.2	103.0	126,700*	126,700*	118,300	119,400*	102,200	112,100*	86,000	102,100	38
40	70.0	102.2	119,500*	119,500*	109,000	112,600*	94,000	105,700*	79,000	93,900	40
45	66.9	100.1	103,500	104,300*	90,800	98,200*	78,000	90,700	65,200	77,800	45
50	63.7	97.6	88,300	92,200*	77,200	86,700*	66,100	77,100	54,900	65,900	50
55	60.4	94.8	76,600	82,400*	66,700	76,500	56,900	66,600	47,000	56,600	55
60	57.0	91.6	67,200	74,200*	58,400	67,100	49,500	58,200	40,700	49,300	60
65	53.4	88.0	59,600	67,300*	51,600	59,500	43,600	51,400	35,500	43,300	65
70	49.7	83.8	53,200	60,600	45,900	53,200	38,600	45,800	31,300	38,400	70
75	45.8	79.0	47,900	54,600	41,100	47,800	34,400	41,000	27,600	34,200	75
80	41.5	73.5	43,300	49,500	37,000	43,200	30,800	36,900	24,500	30,600	80
85	36.8	67.1	39,300	45,100	33,500	39,200	27,600	33,300	21,800	27,400	85
90	31.5	59.3	35,800	41,200	30,300	35,700	24,900	30,200	19,400	24,700	90
95	25.2	49.5	32,700	37,800	27,500	32,600	22,400	27,400	17,300	22,200	95
100	16.6	35.4	29,800	34,600	25,000	29,700	20,100	24,800	15,300	19,900	100

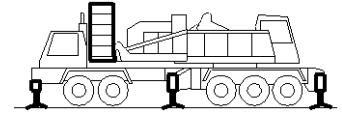
Liftcrane Boom Capacities

Boom No. 78TA 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	229,600*	229,600*	213,600*	213,600*	203,900*	203,900*	18
19	82.5	107.9	216,000*	216,000*	200,900*	200,900*	187,200	191,700*	19
20	81.9	107.7	203,800*	203,800*	189,500*	189,500*	164,000	180,800*	20
22	80.7	107.4	182,900*	182,900*	155,200	170,000*	130,700	162,100*	22
24	79.6	107.0	162,500	165,700*	128,500	153,900*	107,900	141,700	24
26	78.4	106.5	138,500	151,200*	109,100	138,400	91,300	120,200	26
28	77.2	106.1	120,200	138,900*	94,400	120,000	78,700	104,000	28
30	76.0	105.5	105,800	128,400*	82,800	105,500	68,700	91,200	30
32	74.8	105.0	94,200	114,900	73,400	93,800	60,800	81,000	32
34	73.6	104.3	84,700	103,500	65,700	84,300	54,200	72,600	34
36	72.4	103.7	76,700	93,900	59,300	76,200	48,600	65,500	36
38	71.2	103.0	69,900	85,800	53,800	69,400	43,900	59,500	38
40	70.0	102.2	64,000	78,800	49,000	63,600	39,900	54,300	40
45	66.9	100.1	52,400	64,900	39,700	52,000	31,900	44,100	45
50	63.7	97.6	43,800	54,600	32,700	43,400	25,900	36,500	50
55	60.4	94.8	37,200	46,700	27,300	36,800	21,300	30,700	55
60	57.0	91.6	31,900	40,400	23,000	31,500	17,600	26,000	60
65	53.4	88.0	27,500	35,300	19,500	27,200	14,600	22,200	65
70	49.7	83.8	23,900	31,000	16,600	23,600	12,100	19,100	70
75	45.8	79.0	20,900	27,400	14,100	20,600	10,000	16,400	75
80	41.5	73.5	18,200	24,300	12,000	17,900	8,200	14,100	80
85	36.8	67.1	16,000	21,600	10,100	15,700	6,600	12,100	85
90	31.5	59.3	13,900	19,200	8,500	13,700	5,100	10,300	90
95	25.2	49.5	12,100	17,000	7,000	11,900	3,800	8,700	95
100	16.6	35.4	10,400	15,100	5,600	10,200	2,600	7,200	100

Liftcrane Boom Capacities

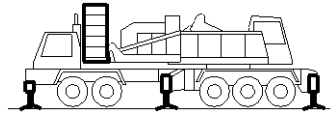
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



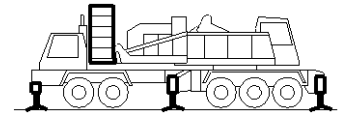
110 Ft. Boom

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	206,400*	206,400*	206,400*	206,400*	206,400*	206,400*	206,400*	206,400*	20
22	81.6	117.5	194,400*	194,400*	194,400*	194,400*	194,400*	194,400*	194,400*	194,400*	22
24	80.5	117.2	183,500*	183,500*	183,500*	183,500*	183,500*	183,500*	177,100*	177,100*	24
26	79.5	116.8	173,700*	173,700*	173,700*	173,700*	172,500*	172,500*	161,700*	161,700*	26
28	78.4	116.3	164,800*	164,800*	164,800*	164,800*	158,600*	158,600*	146,300	148,600*	28
30	77.3	115.9	156,700*	156,700*	156,000*	156,000*	146,700*	146,700*	129,100	137,400*	30
32	76.2	115.4	149,200*	149,200*	145,000*	145,000*	136,000	136,300*	115,200	127,600*	32
34	75.2	114.8	142,400*	142,400*	135,300*	135,300*	122,700	127,100*	103,800	118,900*	34
36	74.1	114.2	134,400*	134,400*	126,700*	126,700*	111,600	119,000*	94,200	111,300*	36
38	73.0	113.6	126,400*	126,400*	118,300	119,100*	102,200	111,800*	86,000	102,100	38
40	71.9	112.9	119,200*	119,200*	109,000	112,200*	94,000	105,300*	79,000	93,900	40
45	69.1	111.0	103,500	104,000*	90,700	97,900*	77,900	90,700	65,200	77,800	45
50	66.3	108.8	88,200	91,900*	77,100	86,400*	66,000	77,000	54,900	65,800	50
55	63.3	106.3	76,400	82,100*	66,600	76,400	56,800	66,500	46,900	56,500	55
60	60.4	103.5	67,100	73,900*	58,200	67,000	49,400	58,100	40,600	49,200	60
65	57.3	100.3	59,500	67,000*	51,400	59,400	43,400	51,300	35,400	43,200	65
70	54.1	96.7	53,100	60,400	45,800	53,000	38,500	45,600	31,100	38,200	70
75	50.7	92.7	47,800	54,500	41,000	47,700	34,200	40,900	27,500	34,000	75
80	47.2	88.2	43,200	49,400	36,900	43,100	30,600	36,800	24,400	30,400	80
85	43.5	83.0	39,200	45,000	33,400	39,100	27,500	33,200	21,700	27,300	85
90	39.4	77.1	35,700	41,100	30,200	35,600	24,800	30,100	19,300	24,600	90
95	35.0	70.2	32,600	37,700	27,500	32,500	22,400	27,300	17,200	22,200	95
100	30.0	61.9	29,900	34,700	25,000	29,800	20,200	24,900	15,300	20,000	100
105	24.0	51.6	27,400	31,900	22,800	27,300	18,200	22,600	13,600	18,000	105
110	15.8	36.7	25,100	29,400	20,700	25,000	16,300	20,600	12,000	16,200	110

Liftcrane Boom Capacities

Boom No. 78TA 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	203,500*	203,500*	189,200*	189,200*	164,800	180,500*	20
22	81.6	117.5	182,600*	182,600*	155,800	169,700*	131,300	161,800*	22
24	80.5	117.2	163,000	165,300*	129,000	153,600*	108,300	142,200	24
26	79.5	116.8	138,800	150,900*	109,500	138,800	91,600	120,600	26
28	78.4	116.3	120,400	138,600*	94,600	120,200	78,900	104,300	28
30	77.3	115.9	106,000	128,000*	83,000	105,700	68,900	91,500	30
32	76.2	115.4	94,400	115,100	73,600	94,000	60,900	81,100	32
34	75.2	114.8	84,800	103,600	65,800	84,400	54,300	72,700	34
36	74.1	114.2	76,800	94,000	59,300	76,300	48,700	65,600	36
38	73.0	113.6	69,900	85,800	53,800	69,500	44,000	59,500	38
40	71.9	112.9	64,000	78,800	49,000	63,600	39,900	54,300	40
45	69.1	111.0	52,400	64,800	39,600	51,900	31,800	44,100	45
50	66.3	108.8	43,700	54,500	32,600	43,300	25,800	36,500	50
55	63.3	106.3	37,100	46,600	27,200	36,700	21,200	30,600	55
60	60.4	103.5	31,700	40,300	22,900	31,400	17,500	25,900	60
65	57.3	100.3	27,400	35,100	19,400	27,000	14,500	22,100	65
70	54.1	96.7	23,800	30,800	16,500	23,500	12,000	18,900	70
75	50.7	92.7	20,700	27,200	14,000	20,400	9,900	16,300	75
80	47.2	88.2	18,100	24,100	11,900	17,800	8,000	14,000	80
85	43.5	83.0	15,800	21,400	10,000	15,600	6,500	12,000	85
90	39.4	77.1	13,800	19,100	8,400	13,600	5,000	10,200	90
95	35.0	70.2	12,100	17,000	6,900	11,800	3,800	8,700	95
100	30.0	61.9	10,500	15,100	5,600	10,200	2,700	7,200	100
105	24.0	51.6	9,000	13,400	4,400	8,800		6,000	105
110	15.8	36.7	7,600	11,800	3,300	7,400		4,700	110

Liftcrane Boom Capacities

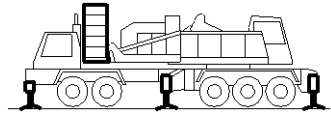
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

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	187,300*	187,300*	187,300*	187,300*	187,300*	187,300*	187,300*	187,300*	22
24	81.3	127.3	176,500*	176,500*	176,500*	176,500*	176,500*	176,500*	176,500*	176,500*	24
26	80.3	127.0	166,700*	166,700*	166,700*	166,700*	166,700*	166,700*	162,000*	162,000*	26
28	79.4	126.6	157,900*	157,900*	157,900*	157,900*	157,900*	157,900*	146,800	148,900*	28
30	78.4	126.1	149,800*	149,800*	149,800*	149,800*	146,900*	146,900*	129,600	137,600*	30
32	77.4	125.7	142,400*	142,400*	142,400*	142,400*	136,500	136,500*	115,700	127,800*	32
34	76.4	125.2	135,600*	135,600*	135,500*	135,500*	123,200	127,400*	104,300	119,200*	34
36	75.4	124.6	129,400*	129,400*	127,000*	127,000*	112,100	119,300*	94,700	111,600*	36
38	74.4	124.0	123,600*	123,600*	118,800	119,400*	102,600	112,100*	86,500	102,600	38
40	73.4	123.4	118,200*	118,200*	109,500	112,500*	94,500	105,600*	79,500	94,400	40
45	70.9	121.7	103,900	104,300*	91,100	98,100*	78,400	91,100	65,600	78,200	45
50	68.4	119.7	88,600	92,200*	77,500	86,700*	66,400	77,400	55,300	66,200	50
55	65.7	117.5	76,900	82,400*	67,000	76,800	57,200	66,900	47,300	57,000	55
60	63.1	115.0	67,500	74,200*	58,700	67,400	49,800	58,500	41,000	49,600	60
65	60.3	112.2	59,900	67,300*	51,900	59,800	43,800	51,700	35,800	43,600	65
70	57.5	109.0	53,500	60,800	46,200	53,400	38,900	46,000	31,500	38,700	70
75	54.6	105.5	48,200	54,900	41,400	48,100	34,700	41,300	27,900	34,500	75
80	51.6	101.6	43,600	49,800	37,300	43,500	31,100	37,200	24,800	30,900	80
85	48.4	97.2	39,600	45,400	33,800	39,500	28,000	33,600	22,100	27,800	85
90	45.0	92.3	36,200	41,600	30,700	36,100	25,200	30,600	19,800	25,000	90
95	41.5	86.8	33,100	38,200	28,000	33,000	22,800	27,800	17,700	22,600	95
100	37.6	80.5	30,400	35,200	25,500	30,300	20,700	25,400	15,800	20,500	100
105	33.4	73.1	27,900	32,400	23,300	27,800	18,700	23,200	14,100	18,600	105
110	28.6	64.4	25,700	30,000	21,300	25,600	17,000	21,200	12,600	16,800	110
115	22.9	53.5	23,600	27,700	19,500	23,500	15,300	19,400	11,200	15,200	115
120	15.1	38.0	21,700	25,600	17,800	21,600	13,800	17,700	9,900	13,700	120

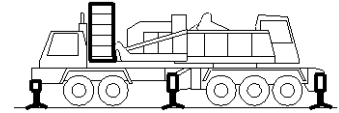
Liftcrane Boom Capacities

Boom No. 78TA 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	182,800*	182,800*	156,600	169,900*	132,000	162,100*	22
24	81.3	127.3	163,600	165,600*	129,700	153,800*	109,000	142,800	24
26	80.3	127.0	139,400	151,200*	110,100	139,400	92,200	121,200	26
28	79.4	126.6	121,000	138,900*	95,200	120,800	79,500	104,800	28
30	78.4	126.1	106,600	128,300*	83,500	106,200	69,500	92,000	30
32	77.4	125.7	94,900	115,600	74,100	94,500	61,400	81,700	32
34	76.4	125.2	85,300	104,100	66,300	84,900	54,800	73,200	34
36	75.4	124.6	77,200	94,500	59,800	76,800	49,200	66,000	36
38	74.4	124.0	70,400	86,300	54,300	69,900	44,400	60,000	38
40	73.4	123.4	64,500	79,200	49,500	64,000	40,400	54,800	40
45	70.9	121.7	52,800	65,300	40,000	52,400	32,300	44,500	45
50	68.4	119.7	44,200	55,000	33,000	43,700	26,300	36,900	50
55	65.7	117.5	37,500	47,000	27,600	37,100	21,600	31,000	55
60	63.1	115.0	32,100	40,700	23,300	31,800	17,900	26,300	60
65	60.3	112.2	27,800	35,500	19,800	27,500	14,900	22,500	65
70	57.5	109.0	24,200	31,300	16,900	23,900	12,400	19,400	70
75	54.6	105.5	21,200	27,700	14,400	20,800	10,300	16,700	75
80	51.6	101.6	18,500	24,600	12,300	18,200	8,500	14,400	80
85	48.4	97.2	16,300	21,900	10,400	16,000	6,900	12,400	85
90	45.0	92.3	14,300	19,500	8,800	14,000	5,500	10,700	90
95	41.5	86.8	12,500	17,500	7,400	12,300	4,300	9,100	95
100	37.6	80.5	11,000	15,600	6,100	10,700	3,200	7,700	100
105	33.4	73.1	9,500	13,900	4,900	9,300	2,200	6,500	105
110	28.6	64.4	8,200	12,400	3,900	8,000		5,300	110
115	22.9	53.5	7,000	11,000	2,900	6,800		4,300	115
120	15.1	38.0	5,900	9,700		5,700		3,300	120

Liftcrane Boom Capacities

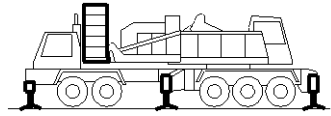
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



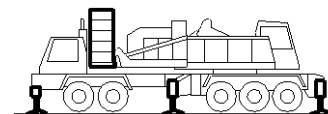
130 Ft. Boom

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	175,600*	175,600*	175,600*	175,600*	175,600*	175,600*	175,600*	175,600*	22
24	82.0	137.5	166,400*	166,400*	166,400*	166,400*	166,400*	166,400*	166,400*	166,400*	24
26	81.1	137.1	158,100*	158,100*	158,100*	158,100*	158,100*	158,100*	158,100*	158,100*	26
28	80.2	136.8	150,400*	150,400*	150,400*	150,400*	150,400*	150,400*	147,000	148,600*	28
30	79.3	136.4	143,400*	143,400*	143,400*	143,400*	143,400*	143,400*	129,800	137,300*	30
32	78.4	135.9	136,900*	136,900*	136,900*	136,900*	136,200*	136,200*	115,800	127,500*	32
34	77.5	135.5	130,800*	130,800*	130,800*	130,800*	123,300	127,000*	104,300	118,900*	34
36	76.6	135.0	124,700*	124,700*	124,700*	124,700*	112,100	118,900*	94,700	111,200*	36
38	75.7	134.4	118,900*	118,900*	118,800	118,900*	102,600	111,700*	86,500	102,600	38
40	74.8	133.9	113,600*	113,600*	109,500	112,200*	94,500	105,300*	79,500	94,400	40
45	72.5	132.3	101,800*	101,800*	91,000	97,800*	78,300	91,000	65,500	78,100	45
50	70.1	130.5	88,500	91,800*	77,400	86,300*	66,300	77,300	55,100	66,100	50
55	67.7	128.5	76,700	82,000*	66,900	76,700	57,000	66,700	47,200	56,800	55
60	65.3	126.2	67,300	73,900*	58,500	67,300	49,600	58,300	40,800	49,400	60
65	62.8	123.6	59,700	67,000*	51,700	59,600	43,600	51,500	35,600	43,400	65
70	60.3	120.8	53,300	60,600	46,000	53,200	38,700	45,800	31,300	38,400	70
75	57.7	117.7	48,000	54,700	41,200	47,900	34,400	41,100	27,700	34,200	75
80	55.0	114.2	43,400	49,600	37,100	43,300	30,800	37,000	24,600	30,600	80
85	52.2	110.4	39,400	45,200	33,600	39,300	27,700	33,400	21,900	27,500	85
90	49.4	106.2	35,900	41,300	30,500	35,800	25,000	30,300	19,500	24,800	90
95	46.3	101.5	32,900	38,000	27,700	32,800	22,600	27,600	17,400	22,400	95
100	43.1	96.2	30,100	34,900	25,300	30,000	20,400	25,200	15,600	20,300	100
105	39.7	90.3	27,700	32,200	23,100	27,600	18,500	23,000	13,900	18,400	105
110	36.1	83.7	25,500	29,800	21,100	25,400	16,800	21,000	12,400	16,600	110
115	32.0	76.0	23,500	27,600	19,300	23,400	15,200	19,200	11,000	15,000	115
120	27.4	66.8	21,700	25,500	17,700	21,600	13,700	17,600	9,800	13,600	120
125	21.9	55.4	19,900	23,700	16,200	19,900	12,400	16,000	8,600	12,200	125
130	14.4	39.1	18,300	21,900	14,700	18,200	11,100	14,600	7,500	10,900	130

Liftcrane Boom Capacities

Boom No. 78TA 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		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
22	82.9	137.8	175,600*	175,600*	157,200	169,600*	22
24	82.0	137.5	164,100	165,300*	130,100	153,500*	24
26	81.1	137.1	139,700	150,800*	110,400	139,700	26
28	80.2	136.8	121,200	138,600*	95,400	121,100	28
30	79.3	136.4	106,700	128,000*	83,700	106,400	30
32	78.4	135.9	95,000	115,700	74,200	94,600	32
34	77.5	135.5	85,300	104,200	66,400	84,900	34
36	76.6	135.0	77,200	94,500	59,800	76,800	36
38	75.7	134.4	70,400	86,300	54,200	69,900	38
40	74.8	133.9	64,500	79,200	49,400	64,000	40
45	72.5	132.3	52,700	65,200	39,900	52,300	45
50	70.1	130.5	44,000	54,800	32,900	43,600	50
55	67.7	128.5	37,300	46,900	27,500	36,900	55
60	65.3	126.2	32,000	40,500	23,100	31,600	60
65	62.8	123.6	27,600	35,300	19,600	27,300	65
70	60.3	120.8	24,000	31,100	16,700	23,700	70
75	57.7	117.7	20,900	27,400	14,200	20,600	75
80	55.0	114.2	18,300	24,300	12,100	18,000	80
85	52.2	110.4	16,100	21,700	10,200	15,800	85
90	49.4	106.2	14,100	19,300	8,600	13,800	90
95	46.3	101.5	12,300	17,200	7,200	12,100	95
100	43.1	96.2	10,700	15,400	5,900	10,500	100
105	39.7	90.3	9,300	13,700	4,700	9,100	105
110	36.1	83.7	8,100	12,200	3,700	7,800	110
115	32.0	76.0	6,900	10,900	2,700	6,700	115
120	27.4	66.8	5,800	9,600		5,600	120
125	21.9	55.4	4,800	8,400		4,600	125
130	14.4	39.1	3,800	7,300		3,600	130

Liftcrane Boom Capacities

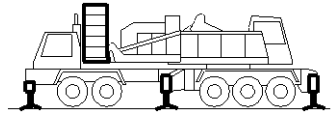
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



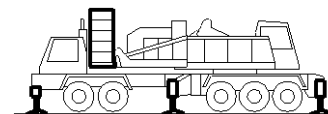
140 Ft. Boom

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	159,100*	159,100*	159,100*	159,100*	159,100*	159,100*	159,100*	159,100*	24
26	81.7	147.3	150,900*	150,900*	150,900*	150,900*	150,900*	150,900*	150,900*	150,900*	26
28	80.9	146.9	143,400*	143,400*	143,400*	143,400*	143,400*	143,400*	143,400*	143,400*	28
30	80.1	146.6	136,400*	136,400*	136,400*	136,400*	136,400*	136,400*	129,800	136,400*	30
32	79.2	146.2	130,000*	130,000*	130,000*	130,000*	130,000*	130,000*	115,800	127,000*	32
34	78.4	145.7	124,000*	124,000*	124,000*	124,000*	123,200	124,000*	104,200	118,400*	34
36	77.6	145.3	118,500*	118,500*	118,500*	118,500*	112,000	118,500*	94,600	110,800*	36
38	76.7	144.8	113,100*	113,100*	113,100*	113,100*	102,500	111,300*	86,400	102,500	38
40	75.9	144.3	107,900*	107,900*	107,900*	107,900*	94,300	104,800*	79,300	94,200	40
45	73.7	142.8	96,400*	96,400*	90,800	96,400*	78,100	90,800	65,300	77,900	45
50	71.6	141.2	86,800*	86,800*	77,100	85,900*	66,000	77,100	54,900	65,800	50
55	69.4	139.3	76,400	78,500*	66,600	76,400	56,700	66,500	46,900	56,500	55
60	67.2	137.2	67,000	71,400*	58,200	67,000	49,300	58,000	40,500	49,100	60
65	64.9	134.9	59,400	65,200*	51,300	59,300	43,300	51,200	35,300	43,100	65
70	62.6	132.3	53,000	59,700*	45,700	52,900	38,300	45,500	31,000	38,100	70
75	60.3	129.5	47,600	54,300	40,900	47,500	34,100	40,700	27,400	33,900	75
80	57.9	126.4	43,000	49,300	36,800	42,900	30,500	36,600	24,200	30,300	80
85	55.4	122.9	39,100	44,800	33,200	39,000	27,400	33,100	21,500	27,200	85
90	52.8	119.2	35,600	41,000	30,100	35,500	24,700	30,000	19,200	24,500	90
95	50.2	115.1	32,500	37,600	27,400	32,400	22,200	27,200	17,100	22,100	95
100	47.4	110.5	29,800	34,600	24,900	29,700	20,100	24,800	15,200	19,900	100
105	44.5	105.5	27,400	31,900	22,800	27,300	18,200	22,600	13,600	18,000	105
110	41.5	100.0	25,200	29,500	20,800	25,100	16,400	20,700	12,100	16,300	110
115	38.2	93.8	23,200	27,300	19,000	23,100	14,900	18,900	10,700	14,700	115
120	34.7	86.8	21,300	25,200	17,400	21,300	13,400	17,300	9,500	13,300	120
125	30.8	78.7	19,700	23,400	15,900	19,600	12,100	15,800	8,300	12,000	125
130	26.4	69.1	18,100	21,700	14,500	18,000	10,900	14,400	7,300	10,700	130
135	21.1	57.2	16,700	20,100	13,200	16,600	9,700	13,100	6,300	9,600	135
140	13.9	40.3	15,300	18,600	12,000	15,200	8,600	11,900	5,300	8,500	140

Liftcrane Boom Capacities

Boom No. 78TA 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	159,100*	159,100*	130,400	153,100*	24
26	81.7	147.3	139,900	150,400*	110,600	139,600*	26
28	80.9	146.9	121,300	138,100*	95,500	121,200	28
30	80.1	146.6	106,700	127,500*	83,700	106,500	30
32	79.2	146.2	95,000	115,700	74,200	94,600	32
34	78.4	145.7	85,300	104,100	66,300	84,900	34
36	77.6	145.3	77,100	94,400	59,700	76,700	36
38	76.7	144.8	70,200	86,100	54,100	69,800	38
40	75.9	144.3	64,300	79,000	49,300	63,900	40
45	73.7	142.8	52,500	65,000	39,700	52,100	45
50	71.6	141.2	43,800	54,600	32,700	43,400	50
55	69.4	139.3	37,000	46,600	27,200	36,600	55
60	67.2	137.2	31,700	40,200	22,800	31,300	60
65	64.9	134.9	27,300	35,000	19,300	26,900	65
70	62.6	132.3	23,700	30,700	16,300	23,300	70
75	60.3	129.5	20,600	27,100	13,800	20,300	75
80	57.9	126.4	18,000	24,000	11,700	17,700	80
85	55.4	122.9	15,700	21,300	9,900	15,400	85
90	52.8	119.2	13,700	19,000	8,200	13,500	90
95	50.2	115.1	12,000	16,900	6,800	11,700	95
100	47.4	110.5	10,400	15,000	5,500	10,200	100
105	44.5	105.5	9,000	13,400	4,400	8,800	105
110	41.5	100.0	7,700	11,900	3,400	7,500	110
115	38.2	93.8	6,600	10,500	2,400	6,400	115
120	34.7	86.8	5,500	9,300		5,300	120
125	30.8	78.7	4,500	8,200		4,300	125
130	26.4	69.1	3,600	7,100		3,400	130
135	21.1	57.2	2,800	6,100		2,600	135
140	13.9	40.3		5,100			140

Liftcrane Boom Capacities

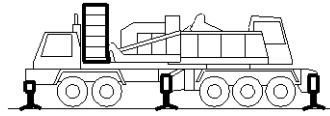
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



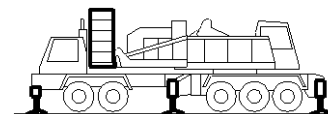
150 Ft. Boom

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*	160,700*	160,700*	26
28	81.5	157.1	155,100*	155,100*	155,100*	155,100*	155,100*	155,100*	147,300	147,600*	28
30	80.7	156.7	147,300*	147,300*	147,300*	147,300*	145,600*	145,600*	129,900	136,300*	30
32	80.0	156.4	138,100*	138,100*	138,100*	138,100*	135,200*	135,200*	115,800	126,500*	32
34	79.2	156.0	130,100*	130,100*	130,100*	130,100*	123,200	126,100*	104,200	117,900*	34
36	78.4	155.5	123,100*	123,100*	123,100*	123,100*	111,900	118,000*	94,500	110,300*	36
38	77.6	155.1	116,800*	116,800*	116,800*	116,800*	102,300	110,700*	86,200	102,300	38
40	76.8	154.6	111,200*	111,200*	109,100	111,200*	94,100	104,300*	79,100	94,000	40
45	74.9	153.2	99,400*	99,400*	90,600	96,800*	77,800	90,600	65,000	77,700	45
50	72.9	151.7	88,000	90,000*	76,800	85,300*	65,700	76,800	54,600	65,500	50
55	70.8	150.0	76,100	81,000*	66,200	76,000*	56,400	66,100	46,500	56,200	55
60	68.8	148.1	66,600	72,800*	57,800	66,600	49,000	57,700	40,100	48,800	60
65	66.7	145.9	59,000	65,900*	50,900	58,900	42,900	50,800	34,900	42,700	65
70	64.6	143.6	52,600	59,900	45,200	52,500	37,900	45,100	30,600	37,700	70
75	62.5	141.0	47,200	53,900	40,400	47,100	33,700	40,300	26,900	33,500	75
80	60.3	138.1	42,600	48,800	36,300	42,500	30,100	36,200	23,800	29,900	80
85	58.0	135.0	38,600	44,400	32,800	38,500	26,900	32,600	21,100	26,700	85
90	55.7	131.7	35,100	40,500	29,700	35,000	24,200	29,500	18,700	24,000	90
95	53.3	128.0	32,000	37,100	26,900	32,000	21,800	26,800	16,600	21,600	95
100	50.9	123.9	29,300	34,100	24,500	29,200	19,600	24,300	14,800	19,500	100
105	48.3	119.6	26,900	31,400	22,300	26,800	17,700	22,200	13,100	17,500	105
110	45.7	114.7	24,700	29,000	20,300	24,600	16,000	20,200	11,600	15,800	110
115	42.9	109.5	22,700	26,800	18,500	22,600	14,400	18,400	10,200	14,200	115
120	40.0	103.6	20,900	24,800	16,900	20,800	13,000	16,800	9,000	12,800	120
125	36.8	97.1	19,200	22,900	15,400	19,100	11,600	15,300	7,900	11,500	125
130	33.4	89.7	17,700	21,200	14,100	17,600	10,400	13,900	6,800	10,300	130
135	29.7	81.3	16,300	19,700	12,800	16,200	9,300	12,700	5,800	9,200	135
140	25.4	71.3	14,900	18,200	11,600	14,900	8,300	11,500	4,900	8,100	140
145	20.3	58.9	13,700	16,900	10,500	13,600	7,300	10,400	4,000	7,100	145
150	13.4	41.4	12,500	15,500	9,400	12,400	6,300	9,300	3,200	6,200	150

Liftcrane Boom Capacities

Boom No. 78TA 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	140,200	149,900*
28	81.5	157.1	121,500	137,600*
30	80.7	156.7	106,800	127,000*
32	80.0	156.4	95,000	115,700
34	79.2	156.0	85,200	104,100
36	78.4	155.5	77,000	94,300
38	77.6	155.1	70,100	86,000
40	76.8	154.6	64,100	78,900
45	74.9	153.2	52,300	64,700
50	72.9	151.7	43,500	54,300
55	70.8	150.0	36,700	46,200
60	68.8	148.1	31,300	39,800
65	66.7	145.9	26,900	34,600
70	64.6	143.6	23,200	30,300
75	62.5	141.0	20,200	26,700
80	60.3	138.1	17,500	23,600
85	58.0	135.0	15,200	20,900
90	55.7	131.7	13,200	18,500
95	53.3	128.0	11,500	16,400
100	50.9	123.9	9,900	14,600
105	48.3	119.6	8,500	12,900
110	45.7	114.7	7,200	11,400
115	42.9	109.5	6,100	10,100
120	40.0	103.6	5,000	8,800
125	36.8	97.1	4,100	7,700
130	33.4	89.7	3,200	6,600
135	29.7	81.3	2,400	5,700
140	25.4	71.3		4,800
145	20.3	58.9		3,900
150	13.4	41.4		3,100

Liftcrane Boom Capacities

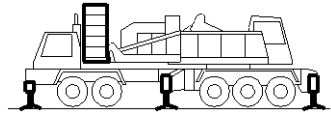
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



160 Ft. Boom

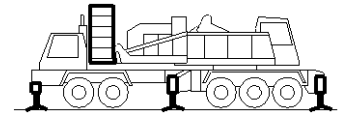


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		44,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
26	82.8	167.5	149,100*	149,100*	149,100*	149,100*	149,100*	149,100*	149,100*	149,100*	26
28	82.1	167.2	143,800*	143,800*	143,800*	143,800*	143,800*	143,800*	143,800*	143,800*	28
30	81.3	166.9	138,800*	138,800*	138,800*	138,800*	138,800*	138,800*	129,800	135,800*	30
32	80.6	166.5	134,100*	134,100*	134,100*	134,100*	134,100*	134,100*	115,700	126,000*	32
34	79.9	166.2	127,500*	127,500*	127,500*	127,500*	123,000	125,600*	104,000	117,400*	34
36	79.1	165.8	120,500*	120,500*	120,500*	120,500*	111,700	117,500*	94,300	109,800*	36
38	78.4	165.3	114,400*	114,400*	114,400*	114,400*	102,100	110,200*	86,000	102,100	38
40	77.7	164.9	108,800*	108,800*	108,800*	108,800*	93,900	103,800*	78,900	93,800	40
45	75.8	163.6	97,200*	97,200*	90,300	96,300*	77,500	90,200*	64,800	77,400	45
50	74.0	162.2	87,600	88,000*	76,500	84,800*	65,400	76,500	54,300	65,200	50
55	72.1	160.6	75,700	80,200*	65,900	75,500*	56,000	65,800	46,200	55,900	55
60	70.2	158.8	66,300	72,300*	57,400	66,200	48,600	57,300	39,800	48,400	60
65	68.3	156.8	58,600	65,500*	50,600	58,500	42,600	50,400	34,500	42,400	65
70	66.3	154.6	52,200	59,500	44,900	52,100	37,500	44,700	30,200	37,300	70
75	64.3	152.2	46,800	53,500	40,000	46,700	33,300	39,900	26,500	33,100	75
80	62.3	149.6	42,200	48,400	35,900	42,100	29,700	35,800	23,400	29,500	80
85	60.2	146.8	38,200	44,000	32,400	38,100	26,500	32,200	20,700	26,300	85
90	58.1	143.7	34,700	40,100	29,200	34,600	23,800	29,100	18,300	23,600	90
95	56.0	140.4	31,600	36,700	26,500	31,600	21,400	26,400	16,200	21,200	95
100	53.8	136.7	28,900	33,700	24,100	28,800	19,200	23,900	14,400	19,000	100
105	51.5	132.8	26,500	31,000	21,900	26,400	17,300	21,800	12,700	17,100	105
110	49.1	128.5	24,300	28,600	19,900	24,200	15,600	19,800	11,200	15,400	110
115	46.7	123.9	22,300	26,400	18,100	22,200	14,000	18,000	9,800	13,800	115
120	44.1	118.8	20,500	24,400	16,500	20,400	12,600	16,400	8,600	12,400	120
125	41.5	113.2	18,800	22,500	15,000	18,700	11,300	14,900	7,500	11,100	125
130	38.6	107.1	17,300	20,900	13,700	17,200	10,000	13,600	6,400	9,900	130
135	35.6	100.3	15,900	19,300	12,400	15,800	8,900	12,300	5,500	8,800	135
140	32.3	92.6	14,600	17,900	11,200	14,500	7,900	11,100	4,600	7,800	140
145	28.7	83.8	13,400	16,500	10,200	13,300	6,900	10,100	3,700	6,800	145
150	24.6	73.5	12,200	15,300	9,100	12,200	6,000	9,000	2,900	5,900	150
155	19.6	60.6	11,100	14,100	8,200	11,100	5,200	8,100	2,200	5,000	155
160	12.9	42.5	10,100	12,900	7,200	10,000	4,300	7,100		4,200	160

Liftcrane Boom Capacities

Boom No. 78TA 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



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	145,400*	145,400*	145,400*	145,400*	145,400*	145,400*	145,400*	145,400*	28
30	81.8	177.0	140,600*	140,600*	140,600*	140,600*	140,600*	140,600*	130,000	136,100*	30
32	81.2	176.7	132,200*	132,200*	132,200*	132,200*	132,200*	132,200*	115,800	126,300*	32
34	80.5	176.3	124,400*	124,400*	124,400*	124,400*	123,200	124,400*	104,200	117,600*	34
36	79.8	176.0	117,500*	117,500*	117,500*	117,500*	111,900	117,500*	94,500	110,000*	36
38	79.1	175.6	111,400*	111,400*	111,400*	111,400*	102,300	110,500*	86,200	102,300	38
40	78.4	175.1	106,000*	106,000*	106,000*	106,000*	94,100	104,000*	79,100	94,000	40
45	76.7	174.0	94,500*	94,500*	90,500	94,500*	77,700	90,400*	65,000	77,600	45
50	74.9	172.6	85,400*	85,400*	76,700	85,100*	65,600	76,700	54,500	65,400	50
55	73.2	171.1	76,000	77,900*	66,100	75,800*	56,300	66,000	46,400	56,100	55
60	71.4	169.4	66,500	71,700*	57,700	66,500	48,800	57,600	40,000	48,600	60
65	69.6	167.6	58,800	65,700*	50,800	58,800	42,800	50,700	34,800	42,600	65
70	67.8	165.6	52,400	59,700	45,100	52,400	37,800	45,000	30,400	37,600	70
75	65.9	163.3	47,000	53,800	40,300	47,000	33,500	40,100	26,800	33,300	75
80	64.1	160.9	42,400	48,700	36,200	42,300	29,900	36,000	23,600	29,700	80
85	62.2	158.3	38,500	44,200	32,600	38,400	26,800	32,500	20,900	26,600	85
90	60.2	155.5	35,000	40,400	29,500	34,900	24,000	29,400	18,600	23,900	90
95	58.3	152.4	31,900	37,000	26,800	31,800	21,600	26,600	16,500	21,500	95
100	56.2	149.1	29,200	34,000	24,300	29,100	19,500	24,200	14,600	19,300	100
105	54.2	145.5	26,700	31,300	22,200	26,700	17,600	22,000	13,000	17,400	105
110	52.0	141.6	24,600	28,900	20,200	24,500	15,800	20,100	11,500	15,700	110
115	49.8	137.4	22,600	26,700	18,400	22,500	14,300	18,300	10,100	14,100	115
120	47.6	132.9	20,800	24,700	16,800	20,700	12,800	16,700	8,900	12,700	120
125	45.2	128.0	19,100	22,800	15,300	19,000	11,500	15,200	7,800	11,400	125
130	42.7	122.7	17,600	21,200	14,000	17,500	10,400	13,900	6,700	10,200	130
135	40.1	116.8	16,200	19,600	12,700	16,100	9,200	12,600	5,800	9,100	135
140	37.4	110.4	14,900	18,200	11,600	14,800	8,200	11,500	4,900	8,100	140
145	34.5	103.3	13,700	16,900	10,500	13,600	7,300	10,400	4,100	7,100	145
150	31.3	95.4	12,600	15,600	9,500	12,500	6,400	9,400	3,300	6,300	150
155	27.8	86.2	11,500	14,500	8,500	11,500	5,500	8,400	2,600	5,400	155
160	23.8	75.5	10,500	13,400	7,700	10,500	4,800	7,600		4,600	160
165	19.0	62.2	9,600	12,300	6,800	9,500	4,000	6,700		3,900	165
170	12.5	43.5	8,700	11,300	6,000	8,600	3,300	5,900		3,100	170

Liftcrane Boom Capacities

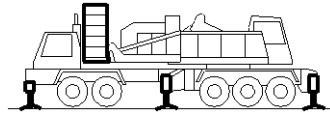
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



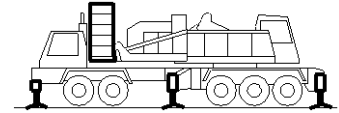
180 Ft. Boom

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	130,900*	130,900*	130,900*	130,900*	130,900*	130,900*	130,900*	130,900*	28
30	82.3	187.1	126,600*	126,600*	126,600*	126,600*	126,600*	126,600*	126,600*	126,600*	30
32	81.7	186.8	122,400*	122,400*	122,400*	122,400*	122,400*	122,400*	115,900	122,400*	32
34	81.0	186.5	118,400*	118,400*	118,400*	118,400*	118,400*	118,400*	104,200	117,300*	34
36	80.4	186.1	114,700*	114,700*	114,700*	114,700*	111,900	114,700*	94,400	109,600*	36
38	79.7	185.8	108,700*	108,700*	108,700*	108,700*	102,200	108,700*	86,100	102,200	38
40	79.1	185.4	103,300*	103,300*	103,300*	103,300*	94,000	103,300*	79,000	93,900	40
45	77.4	184.3	92,000*	92,000*	90,300	92,000*	77,600	90,000*	64,800	77,400	45
50	75.8	183.0	83,000*	83,000*	76,500	83,000*	65,400	76,500	54,300	65,200	50
55	74.1	181.6	75,700*	75,700*	65,900	75,400*	56,000	65,800	46,200	55,800	55
60	72.5	180.0	66,200	69,500*	57,400	66,200	48,600	57,300	39,700	48,400	60
65	70.8	178.3	58,500	64,300*	50,500	58,500	42,500	50,400	34,500	42,300	65
70	69.1	176.4	52,100	59,400*	44,800	52,100	37,500	44,700	30,100	37,300	70
75	67.4	174.3	46,700	53,500	40,000	46,600	33,200	39,800	26,500	33,000	75
80	65.6	172.0	42,100	48,300	35,800	42,000	29,600	35,700	23,300	29,400	80
85	63.8	169.6	38,100	43,900	32,300	38,000	26,400	32,100	20,600	26,300	85
90	62.1	167.0	34,600	40,000	29,200	34,500	23,700	29,000	18,200	23,500	90
95	60.2	164.1	31,600	36,600	26,400	31,500	21,300	26,300	16,100	21,100	95
100	58.4	161.0	28,800	33,600	24,000	28,700	19,100	23,800	14,300	19,000	100
105	56.4	157.8	26,400	30,900	21,800	26,300	17,200	21,700	12,600	17,000	105
110	54.5	154.2	24,200	28,500	19,800	24,100	15,500	19,700	11,100	15,300	110
115	52.5	150.4	22,200	26,300	18,100	22,100	13,900	17,900	9,800	13,800	115
120	50.4	146.3	20,400	24,300	16,400	20,300	12,500	16,300	8,500	12,300	120
125	48.3	141.9	18,700	22,500	15,000	18,700	11,200	14,800	7,400	11,000	125
130	46.1	137.2	17,200	20,800	13,600	17,100	10,000	13,500	6,400	9,800	130
135	43.8	132.0	15,800	19,300	12,400	15,700	8,900	12,200	5,400	8,700	135
140	41.5	126.4	14,500	17,800	11,200	14,500	7,900	11,100	4,500	7,700	140
145	39.0	120.4	13,300	16,500	10,100	13,300	6,900	10,000	3,700	6,800	145
150	36.3	113.7	12,200	15,300	9,100	12,200	6,000	9,000	2,900	5,900	150
155	33.5	106.3	11,200	14,100	8,200	11,100	5,200	8,100	2,200	5,100	155
160	30.4	98.0	10,200	13,000	7,300	10,100	4,400	7,200		4,300	160
165	27.0	88.6	9,300	12,000	6,500	9,200	3,700	6,400		3,600	165
170	23.1	77.5	8,400	11,100	5,700	8,300	3,000	5,600		2,900	170
175	18.5	63.8	7,600	10,100	4,900	7,500	2,300	4,900		2,200	175
180	12.1	44.5	6,700	9,200	4,200	6,700		4,100			180

Liftcrane Boom Capacities

Boom No. 78TA 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



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	118,200*	118,200*	118,200*	118,200*	118,200*	118,200*	30
32	82.1	196.9	114,000*	114,000*	114,000*	114,000*	114,000*	114,000*	32
34	81.5	196.6	110,000*	110,000*	110,000*	110,000*	110,000*	110,000*	34
36	80.9	196.3	106,200*	106,200*	106,200*	106,200*	106,200*	106,200*	36
38	80.3	195.9	102,600*	102,600*	102,600*	102,600*	102,100	102,600*	38
40	79.7	195.6	99,200*	99,200*	99,200*	99,200*	93,800	99,200*	40
45	78.1	194.5	89,600*	89,600*	89,600*	89,600*	77,300	89,500*	45
50	76.6	193.3	80,700*	80,700*	76,200	80,700*	65,100	76,200	50
55	75.0	192.0	73,400*	73,400*	65,600	73,400*	55,700	65,500	55
60	73.4	190.5	65,900	67,300*	57,100	65,900	48,200	57,000	60
65	71.8	188.9	58,200	62,300*	50,200	58,100	42,100	50,000	65
70	70.2	187.1	51,700	57,800*	44,400	51,700	37,100	44,300	70
75	68.6	185.1	46,300	53,100	39,600	46,300	32,800	39,400	75
80	67.0	183.0	41,700	47,900	35,400	41,600	29,200	35,300	80
85	65.3	180.7	37,700	43,500	31,900	37,600	26,000	31,700	85
90	63.6	178.3	34,200	39,600	28,700	34,100	23,300	28,600	90
95	61.9	175.6	31,100	36,200	26,000	31,000	20,800	25,900	95
100	60.2	172.8	28,400	33,200	23,500	28,300	18,700	23,400	100
105	58.4	169.7	25,900	30,500	21,400	25,900	16,800	21,200	105
110	56.6	166.4	23,700	28,000	19,400	23,700	15,000	19,300	110
115	54.8	162.9	21,800	25,800	17,600	21,700	13,500	17,500	115
120	52.9	159.2	19,900	23,800	16,000	19,900	12,000	15,900	120
125	51.0	155.2	18,300	22,000	14,500	18,200	10,700	14,400	125
130	49.0	150.9	16,800	20,300	13,200	16,700	9,500	13,000	130
135	46.9	146.2	15,400	18,800	11,900	15,300	8,400	11,800	135
140	44.8	141.3	14,100	17,400	10,800	14,000	7,400	10,700	140
145	42.6	135.9	12,900	16,100	9,700	12,800	6,500	9,600	145
150	40.3	130.1	11,800	14,800	8,700	11,700	5,600	8,600	150
155	37.9	123.8	10,700	13,700	7,800	10,700	4,800	7,700	155
160	35.3	116.8	9,800	12,600	6,900	9,700	4,000	6,800	160
165	32.5	109.2	8,900	11,600	6,100	8,800	3,300	6,000	165
170	29.5	100.6	8,000	10,700	5,300	7,900	2,600	5,200	170
175	26.2	90.9	7,200	9,800	4,600	7,100		4,500	175
180	22.5	79.5	6,400	8,900	3,900	6,300		3,800	180
185	17.9	65.3	5,600	8,100	3,200	5,600		3,100	185
190	11.8	45.5	4,900	7,300	2,500	4,800		2,400	190

Liftcrane Boom Capacities

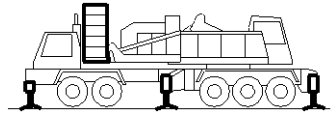
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



200 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	
32	82.5	207.1	103,700*	103,700*	103,700*	103,700*	32
34	81.9	206.8	100,100*	100,100*	100,100*	100,100*	34
36	81.3	206.4	96,600*	96,600*	96,600*	96,600*	36
38	80.8	206.1	93,100*	93,100*	93,100*	93,100*	38
40	80.2	205.7	89,600*	89,600*	89,600*	89,600*	40
45	78.7	204.7	81,500*	81,500*	81,500*	81,500*	45
50	77.2	203.6	74,400*	74,400*	74,400*	74,400*	50
55	75.8	202.4	68,100*	68,100*	65,300	68,100*	55
60	74.3	201.0	62,400*	62,400*	56,800	62,400*	60
65	72.8	199.4	57,300*	57,300*	49,800	57,300*	65
70	71.3	197.7	51,400	52,800*	44,100	51,300	70
75	69.7	195.9	46,000	48,600*	39,200	45,900	75
80	68.2	193.9	41,300	44,800*	35,100	41,300	80
85	66.6	191.7	37,300	41,300*	31,500	37,200	85
90	65.1	189.4	33,800	38,100*	28,300	33,700	90
95	63.5	186.9	30,700	35,100*	25,600	30,600	95
100	61.8	184.3	28,000	32,400*	23,100	27,900	100
105	60.2	181.4	25,500	29,800*	20,900	25,400	105
110	58.5	178.4	23,300	27,500*	19,000	23,200	110
115	56.8	175.1	21,300	25,300*	17,200	21,300	115
120	55.1	171.7	19,500	23,200*	15,600	19,400	120
125	53.3	168.0	17,900	21,300*	14,100	17,800	125
130	51.5	164.0	16,400	19,500*	12,700	16,300	130
135	49.6	159.8	15,000	17,800*	11,500	14,900	135
140	47.7	155.3	13,700	16,200*	10,300	13,600	140
145	45.7	150.4	12,500	14,700*	9,300	12,400	145
150	43.6	145.3	11,400	13,300*	8,300	11,300	150
155	41.5	139.7	10,300	11,900*	7,300	10,200	155
160	39.2	133.6	9,400	10,600*	6,500	9,300	160
165	36.8	127.1	8,400	9,400*	5,600	8,400	165
170	34.3	119.9	7,600	8,300*	4,900	7,500	170
175	31.7	112.0	6,800	7,200*	4,100	6,700	175
180	28.8	103.2	6,000	6,200*	3,500	5,900	180
185	25.5	93.1	5,200*	5,200*	2,800	5,200*	185
190	21.9	81.4	4,200*	4,200*	2,200	4,200*	190
195	17.5	66.8	3,400*	3,400*		3,400*	195
200	11.4	46.4	2,500*	2,500*		2,500*	200

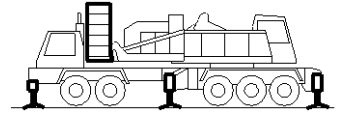
Liftcrane Boom Capacities

Boom No. 78TA 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



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	100,800*	100,800*	100,800*	100,800*	34
36	81.8	216.6	97,900*	97,900*	97,900*	97,900*	36
38	81.2	216.2	95,000*	95,000*	95,000*	95,000*	38
40	80.7	215.9	92,300*	92,300*	92,300*	92,300*	40
45	79.3	215.0	86,100*	86,100*	86,100*	86,100*	45
50	77.9	213.9	78,000*	78,000*	75,600	78,000*	50
55	76.5	212.7	70,800*	70,800*	64,900	70,800*	55
60	75.1	211.4	64,800*	64,800*	56,400	64,800*	60
65	73.6	209.9	57,400	59,800*	49,400	57,400	65
70	72.2	208.3	51,000	55,200*	43,700	50,900	70
75	70.8	206.6	45,600	51,200*	38,800	45,500	75
80	69.3	204.7	40,900	47,200	34,700	40,800	80
85	67.8	202.6	36,900	42,700	31,100	36,800	85
90	66.3	200.5	33,400	38,800	27,900	33,300	90
95	64.8	198.1	30,300	35,400	25,200	30,200	95
100	63.3	195.6	27,600	32,400	22,700	27,500	100
105	61.8	192.9	25,100	29,700	20,500	25,000	105
110	60.2	190.1	22,900	27,200	18,600	22,800	110
115	58.6	187.1	20,900	25,000	16,800	20,800	115
120	57.0	183.8	19,100	23,000	15,200	19,000	120
125	55.3	180.4	17,500	21,200	13,700	17,400	125
130	53.6	176.7	15,900	19,500	12,300	15,900	130
135	51.9	172.8	14,500	18,000	11,100	14,500	135
140	50.1	168.7	13,300	16,500	9,900	13,200	140
145	48.3	164.3	12,100	15,200	8,800	12,000	145
150	46.4	159.6	11,000	14,000	7,900	10,900	150
155	44.5	154.5	9,900	12,900	6,900	9,800	155
160	42.5	149.1	9,000	11,800	6,100	8,900	160
165	40.4	143.3	8,000	10,800	5,200	8,000	165
170	38.2	137.1	7,200	9,900	4,500	7,100	170
175	35.9	130.3	6,400	9,000	3,800	6,300	175
180	33.5	122.9	5,600	8,100	3,100	5,600	180
185	30.9	114.7	4,900	7,300	2,400	4,800	185
190	28.0	105.6	4,200	6,600		4,200	190
195	24.9	95.3	3,600	5,900		3,500	195
200	21.3	83.2	2,900	5,200		2,900	200
205	17.0	68.3	2,300	4,500		2,300	205
210	11.2	47.3		3,900			210

Liftcrane Boom Capacities

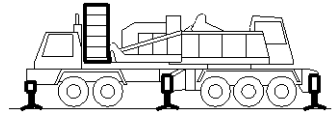
Boom No. 78TA With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight

Without Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



220 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
36	82.1	226.7	101,400*	101,400*
38	81.6	226.4	97,900*	97,900*
40	81.1	226.0	92,800*	92,800*
45	79.8	225.1	82,200*	82,200*
50	78.4	224.1	73,800*	73,800*
55	77.1	223.0	66,900*	66,900*
60	75.7	221.7	61,200*	61,200*
65	74.4	220.3	56,400*	56,400*
70	73.0	218.8	51,100	52,300*
75	71.7	217.2	45,600	48,700*
80	70.3	215.4	41,000	45,500*
85	68.9	213.4	37,000	42,600*
90	67.5	211.4	33,500	38,900
95	66.1	209.2	30,400	35,500
100	64.6	206.8	27,600	32,400
105	63.2	204.3	25,200	29,700
110	61.7	201.6	23,000	27,300
115	60.2	198.8	21,000	25,100
120	58.7	195.7	19,200	23,100
125	57.1	192.5	17,500	21,200
130	55.5	189.1	16,000	19,600
135	53.9	185.5	14,600	18,000
140	52.3	181.6	13,300	16,600
145	50.6	177.6	12,100	15,300
150	48.9	173.2	11,000	14,100
155	47.1	168.6	10,000	12,900
160	45.3	163.7	9,000	11,900
165	43.4	158.5	8,100	10,900
170	41.4	152.9	7,300	9,900
175	39.4	146.9	6,500	9,000
180	37.3	140.4	5,700	8,200
185	35.0	133.4	5,000	7,400
190	32.7	125.8	4,300	6,700
195	30.1	117.4	3,700	6,000
200	27.4	108.0	3,100	5,300
205	24.3	97.4	2,500	4,700
210	20.8	85.0		4,000
215	16.6	69.7		3,400
220	10.9	48.2		2,800

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	90,600*	90,600*
45	80.2	235.3	80,200*	80,200*
50	78.9	234.3	71,900*	71,900*
55	77.7	233.3	65,100*	65,100*
60	76.4	232.0	59,500*	59,500*
65	75.1	230.7	54,700*	54,700*
70	73.8	229.3	50,700*	50,700*
75	72.5	227.7	45,300	47,100*
80	71.2	226.0	40,600	43,900*
85	69.8	224.2	36,600	41,100*
90	68.5	222.2	33,100	38,500
95	67.2	220.1	30,000	35,100
100	65.8	217.9	27,200	32,000
105	64.4	215.5	24,800	29,300
110	63.0	213.0	22,600	26,900
115	61.6	210.3	20,600	24,700
120	60.2	207.4	18,700	22,700
125	58.7	204.4	17,100	20,800
130	57.2	201.2	15,600	19,100
135	55.7	197.8	14,200	17,600
140	54.2	194.2	12,900	16,200
145	52.6	190.4	11,700	14,900
150	51.0	186.4	10,600	13,600
155	49.4	182.2	9,500	12,500
160	47.7	177.6	8,600	11,400
165	46.0	172.9	7,700	10,400
170	44.2	167.8	6,800	9,500
175	42.4	162.4	6,000	8,600
180	40.5	156.6	5,300	7,800
185	38.5	150.4	4,600	7,000
190	36.4	143.7	3,900	6,200
195	34.2	136.5	3,200	5,500
200	31.9	128.6	2,600	4,900
205	29.4	120.0	2,100	4,200
210	26.7	110.4		3,600
215	23.7	99.5		3,000
220	20.3	86.8		2,500