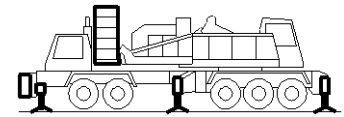


Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

**Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers**



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 (*). Capacities indicated by (b) require 5,800 Lb. minimum block weight.

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 partially extended (17 Ft. 11-1/4 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-B**. 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 with or without 25,000 Lb. 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.

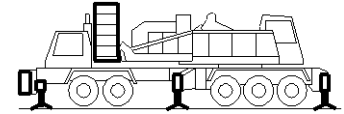


777T

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

**Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers**



Maximum Boom and Jib Lengths Lifted Unassisted On Outriggers						
Over Rear of Outriggers		Over Side of Fully Extended Outriggers		Over Side of Partially Extended Outriggers		Over Side of Fully Retracted Outriggers
Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length
95,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.						
(a) 270 Ft.	---	220 Ft.	---	Not Allowed	Not Allowed	Not Allowed
(b) 260 Ft.	---	210 Ft.	---			
250 Ft.	---	200 Ft.	30 Ft.			
240 Ft.	30 Ft.	190 Ft.	60 Ft.			
230 Ft.	50 Ft.	180 Ft.	80 Ft.			
220 Ft.	80 Ft.					
95,400 Lb. Crane Counterweight						
(c) 240 Ft.	---	220 Ft.	---	Not Allowed	Not Allowed	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 and auxiliary drum cannot be used on 270 Ft. boom. (b) Upper boom point cannot be used on 260 Ft. boom over rear. (c) Upper boom point cannot be used on 240 Ft. boom over rear.						

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

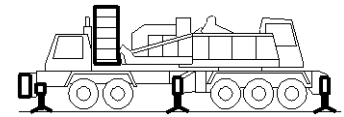


777T

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



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

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

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.

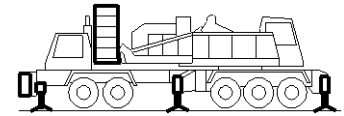


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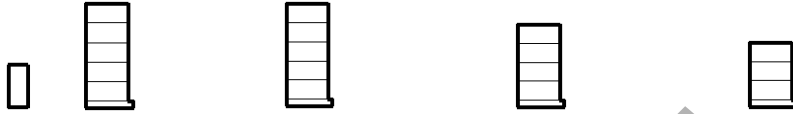
Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



42.5 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
12	81.6	50.3	↑ NOT ALLOWED ↓	364,000*	↑ NOT ALLOWED ↓	364,000*		364,000*	364,000*	364,000*	12
13	80.2	50.1		364,000*		364,000*	348,400*	348,400*	13		
14	78.8	49.8		354,900*		354,900*	325,100*	325,100*	14		
15	77.4	49.6		332,600*		332,600*	318,600* ^b	318,600*	304,600*	304,600*	15
16	76.0	49.3		312,800*		312,800*	299,600* ^b	299,600*	286,400*	286,400*	16
17	74.6	48.9		295,200*		295,200*	282,700* ^b	282,700*	270,200*	270,200*	17
18	73.1	48.6		279,400*		279,400*	267,500* ^b	267,500*	255,700*	255,700*	18
19	71.7	48.2		265,100*		265,100*	253,800* ^b	253,800*	242,500*	242,500*	19
20	70.2	47.8		252,100*		252,100*	241,400* ^b	241,400*	224,100	230,600*	20
22	67.2	46.9		229,500*		229,500*	218,000	219,700*	187,600	208,600*	22
24	64.1	45.8		210,400*		210,400*	187,100	200,900*	160,800	189,100*	24
26	61.0	44.6		194,100*		194,100*	163,400	183,500*	140,200	172,700*	26
28	57.7	43.3		178,800*		178,800*	144,700	168,800*	123,900	158,800*	28
30	54.2	41.8		165,400*		165,400*	129,600	156,100*	110,700	146,800*	30
32	50.6	40.0		153,700*		153,700*	117,000	145,000*	99,800	136,300*	32
34	46.8	38.1		143,400*		143,400*	106,400	135,200*	90,600	127,100*	34
36	42.7	35.8	134,300*	134,300*	97,300	126,600*	82,700	118,900*	36		
38	38.2	33.2	126,100*	126,100*	89,500	118,800*	75,900	111,600*	38		
40	33.1	30.0	118,800*	118,800*	82,600	111,900*	69,900	105,000*	40		
45	12.7	16.0	98,100*	98,100*	68,300	96,900*	57,300	86,300	45		

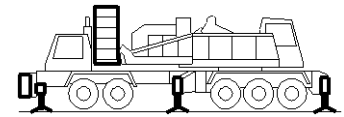


777T

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



42.5 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Counterweight		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
12	81.6	50.3	358,100*	358,100*	341,000*	341,000*	323,800*	323,800*	313,400*	313,400*	12
13	80.2	50.1	332,500*	332,500*	316,500*	316,500*	300,600*	300,600*	282,500	290,900*	13
14	78.8	49.8	310,200*	310,200*	295,300*	295,300*	271,600	280,300*	223,800	271,300*	14
15	77.4	49.6	290,600*	290,600*	276,600*	276,600*	224,400	262,600*	184,600	251,200*	15
16	76.0	49.3	273,200*	273,200*	246,900	260,000*	190,700	244,400*	156,400	233,300*	16
17	74.6	48.9	257,700*	257,700*	214,500	245,000*	165,300	228,000*	135,300	217,700*	17
18	73.1	48.6	233,000	243,800*	189,200	229,600*	145,500	213,600*	118,800	203,900*	18
19	71.7	48.2	208,400	231,000*	169,000	216,000*	129,600	200,900*	105,600	191,700*	19
20	70.2	47.8	188,300	218,000*	152,500	203,700*	116,600	189,500*	94,800	180,800*	20
22	67.2	46.9	157,300	195,700*	126,900	182,800*	96,600	169,900*	78,100	162,100*	22
24	64.1	45.8	134,500	177,300*	108,200	165,600*	81,800	153,800*	65,800	134,400	24
26	61.0	44.6	117,000	161,900*	93,800	151,100*	70,500	132,100	56,400	113,900	26
28	57.7	43.3	103,200	148,800*	82,400	138,800*	61,600	114,300	48,900	98,300	28
30	54.2	41.8	91,900	137,500*	73,100	123,700	54,300	100,300	42,900	86,100	30
32	50.6	40.0	82,600	127,600*	65,500	110,200	48,300	89,100	37,800	76,200	32
34	46.8	38.1	74,800	118,200	59,000	99,000	43,200	79,800	33,600	68,000	34
36	42.7	35.8	68,100	107,200	53,400	89,600	38,800	71,900	29,900	61,200	36
38	38.2	33.2	62,200	97,900	48,600	81,600	35,000	65,300	26,700	55,300	38
40	33.1	30.0	57,100	89,800	44,400	74,600	31,600	59,500	23,900	50,200	40
45	12.7	16.0	46,400	73,400	35,400	60,400	24,400	47,500	17,700	39,700	45

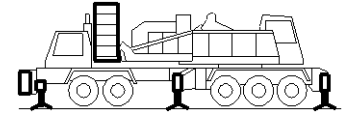


777T

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
 0 Lb. to 95,400 Lb. Crane Counterweight
 With or Without 25,000 Lb. Front Bumper Counterweight
 Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



60 Ft. Boom



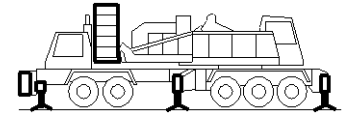
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
13	83.2	68.4	↑ NOT ALLOWED ↓	364,000*	↑ NOT ALLOWED ↓						13
14	82.2	68.2		353,700*		353,700*	338,900* ^b	338,900*	324,000*	324,000*	14
15	81.3	68.0		331,600*		331,600*	317,600* ^b	317,600*	303,500*	303,500*	15
16	80.3	67.8		311,800*		311,800*	298,600* ^b	298,600*	285,400*	285,400*	16
17	79.3	67.6		294,300*		294,300*	281,800* ^b	281,800*	269,300*	269,300*	17
18	78.3	67.4		278,500*		278,500*	266,600* ^b	266,600*	254,800*	254,800*	18
19	77.3	67.1		264,200*		264,200*	253,000*	253,000*	241,700*	241,700*	19
20	76.4	66.8		251,300*		251,300*	240,600*	240,600*	226,200	229,800*	20
22	74.4	66.2		228,800*		228,800*	218,900*	218,900*	189,300	208,300*	22
24	72.3	65.5		209,800*		209,800*	188,600	200,600*	162,300	188,800*	24
26	70.3	64.8		193,500*		193,500*	164,800	183,300*	141,600	172,500*	26
28	68.2	63.9		178,600*		178,600*	146,000	168,600*	125,200	158,600*	28
30	66.1	63.0		165,200*		165,200*	130,700	155,900*	111,900	146,600*	30
32	64.0	61.9		153,600*		153,600*	118,100	144,900*	101,000	136,200*	32
34	61.8	60.8		143,400*		143,400*	107,500	135,200*	91,700	127,000*	34
36	59.5	59.6		134,300*		134,300*	98,500	126,600*	83,900	118,900*	36
38	57.2	58.2		126,200*		126,200*	90,700	119,000*	77,100	111,700*	38
40	54.9	56.8	119,000*	119,000*	83,900	112,100*	71,100	105,200*	40		
45	48.6	52.5	103,700*	103,700*	70,100	97,600*	59,100	88,500	45		
50	41.6	47.1	91,600*	91,600*	59,700	86,100*	50,000	75,000	50		
55	33.3	40.0	81,600*	81,600*	51,400	74,400	42,800	64,400	55		
60	22.1	29.4	73,200*	73,200*	44,600	64,800	36,800	55,900	60		



Liftcrane Boom Capacities

Meets
 ANSI B30.5
 Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



60 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Counterweight		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
14	82.2	68.2	309,100*	309,100*	294,200*	294,200*	276,300	279,300*	228,500	270,200*	14
15	81.3	68.0	289,500*	289,500*	275,500*	275,500*	228,300	261,500*	188,400	250,700*	15
16	80.3	67.8	272,200*	272,200*	250,100	259,000*	193,900	243,900*	159,700	232,800*	16
17	79.3	67.6	256,800*	256,800*	217,300	244,300*	168,100	227,600*	138,100	217,200*	17
18	78.3	67.4	235,500	242,900*	191,700	229,200*	148,000	213,200*	121,300	203,500*	18
19	77.3	67.1	210,700	230,400*	171,300	215,500*	131,800	200,500*	107,800	191,300*	19
20	76.4	66.8	190,300	217,600*	154,500	203,300*	118,600	189,100*	96,800	180,400*	20
22	74.4	66.2	159,000	195,400*	128,600	182,500*	98,300	169,600*	79,800	161,700*	22
24	72.3	65.5	136,000	177,000*	109,700	165,300*	83,400	153,500*	67,300	137,100	24
26	70.3	64.8	118,400	161,600*	95,100	150,800*	71,900	134,400	57,800	116,200	26
28	68.2	63.9	104,400	148,600*	83,600	138,500*	62,900	116,400	50,200	100,400	28
30	66.1	63.0	93,100	137,300*	74,300	125,600	55,500	102,200	44,100	88,000	30
32	64.0	61.9	83,800	127,500*	66,600	111,900	49,400	90,800	39,000	78,000	32
34	61.8	60.8	75,900	118,800*	60,100	100,700	44,300	81,500	34,700	69,800	34
36	59.5	59.6	69,200	108,900	54,600	91,300	40,000	73,600	31,000	62,900	36
38	57.2	58.2	63,400	99,600	49,800	83,300	36,200	66,900	27,900	57,000	38
40	54.9	56.8	58,400	91,500	45,600	76,400	32,900	61,200	25,100	51,900	40
45	48.6	52.5	48,200	75,600	37,200	62,700	26,200	49,800	19,500	41,900	45
50	41.6	47.1	40,400	63,700	30,700	52,500	21,100	41,300	15,200	34,400	50
55	33.3	40.0	34,200	54,500	25,600	44,500	17,000	34,600	11,800	28,500	55
60	22.1	29.4	29,000	47,000	21,300	38,100	13,500	29,200	8,800	23,700	60

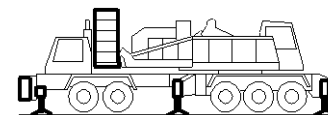


777T

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



70 Ft. Boom



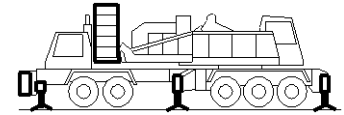
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
15	82.5	78.2	↑ NOT ALLOWED	296,300*	↑ NOT ALLOWED	296,300*	296,300*b	296,300*	296,300*	296,300*	15
16	81.7	78.0		294,300*		294,300*	294,300*	286,200*	286,200*	16	
17	80.9	77.8		292,400*		292,400*	282,500*b	282,500*	270,000*	270,000*	17
18	80.0	77.6		279,300*		279,300*	267,400*b	267,400*	255,600*	255,600*	18
19	79.2	77.4		265,000*		265,000*	253,800*b	253,800*	242,500*	242,500*	19
20	78.4	77.2		252,100*		252,100*	241,400*	241,400*	228,200	230,600*	20
22	76.7	76.6		229,600*		229,600*	219,800*	219,800*	191,200	209,300*	22
24	75.0	76.1		210,600*		210,600*	190,400	201,600*	164,100	189,800*	24
26	73.2	75.4		194,000*		194,000*	166,500	184,300*	143,300	173,500*	26
28	71.5	74.7		179,600*		179,600*	147,700	169,600*	126,900	159,600*	28
30	69.7	73.9		166,200*		166,200*	132,400	156,900*	113,600	147,600*	30
32	68.0	73.1		154,600*		154,600*	119,700	145,900*	102,600	137,200*	32
34	66.2	72.1		144,400*		144,400*	109,100	136,200*	93,300	128,100*	34
36	64.3	71.1		135,400*		135,400*	100,100	127,700*	85,400	120,000*	36
38	62.5	70.0		127,300*		127,300*	92,200	120,000*	78,600	112,700*	38
40	60.6	68.9		120,100*		120,100*	85,400	113,200*	72,700	106,300*	40
45	55.6	65.5		104,900*		104,900*	71,700	98,800*	60,700	90,200	45
50	50.4	61.5		92,800*		92,800*	61,200	87,300*	51,600	76,700	50
55	44.6	56.6		82,900*		82,900*	53,000	76,200	44,400	66,200	55
60	38.2	50.5	74,600*	74,600*	46,400	66,800	38,600	57,900	60		
65	30.6	42.6	67,600*	67,200	40,900	59,100	33,800	51,000	65		
70	20.3	31.1	61,600*	60,000	36,100	52,600	29,600	45,200	70		



Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



777T

70 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Counterweight		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
15	82.5	78.2	290,300*	290,300*	276,300*	276,300*	231,100	262,300*	191,200	251,700*	15
16	81.7	78.0	273,000*	273,000*	252,700	259,800*	196,500	244,800*	162,300	233,800*	16
17	80.9	77.8	257,600*	257,600*	219,700	245,100*	170,500	228,500*	140,500	218,200*	17
18	80.0	77.6	237,800	243,700*	194,000	230,200*	150,200	214,200*	123,600	204,500*	18
19	79.2	77.4	212,800	231,200*	173,400	216,500*	134,000	201,400*	110,000	192,300*	19
20	78.4	77.2	192,400	218,600*	156,500	204,300*	120,700	190,000*	98,900	181,400*	20
22	76.7	76.6	160,900	196,400*	130,500	183,500*	100,200	170,600*	81,700	162,700*	22
24	75.0	76.1	137,800	178,000*	111,500	166,300*	85,200	154,500*	69,100	139,300	24
26	73.2	75.4	120,100	162,700*	96,900	151,800*	73,600	136,500	59,500	118,300	26
28	71.5	74.7	106,100	149,600*	85,300	139,600*	64,500	118,400	51,900	102,400	28
30	69.7	73.9	94,800	138,300*	76,000	127,500	57,100	104,100	45,700	89,900	30
32	68.0	73.1	85,400	128,500*	68,200	113,800	51,000	92,700	40,600	79,800	32
34	66.2	72.1	77,500	119,900*	61,700	102,500	45,900	83,300	36,300	71,600	34
36	64.3	71.1	70,800	110,700	56,200	93,000	41,500	75,400	32,600	64,600	36
38	62.5	70.0	65,000	101,300	51,400	85,000	37,700	68,700	29,400	58,700	38
40	60.6	68.9	59,900	93,300	47,200	78,100	34,400	62,900	26,700	53,700	40
45	55.6	65.5	49,700	77,300	38,700	64,400	27,700	51,500	21,100	43,600	45
50	50.4	61.5	42,000	65,400	32,300	54,200	22,700	43,000	16,800	36,100	50
55	44.6	56.6	35,800	56,300	27,200	46,300	18,600	36,400	13,400	30,300	55
60	38.2	50.5	30,900	48,900	23,100	40,000	15,400	31,100	10,600	25,700	60
65	30.6	42.6	26,700	42,900	19,700	34,800	12,600	26,700	8,300	21,800	65
70	20.3	31.1	23,100	37,800	16,700	30,400	10,200	23,000	6,200	18,500	70

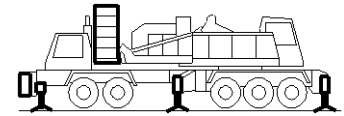


777T

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
 0 Lb. to 95,400 Lb. Crane Counterweight
 With or Without 25,000 Lb. Front Bumper Counterweight
 Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
 ANSI B30.5
 Requirements



80 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
16	82.7	88.1	↑ NOT ALLOWED ↓	280,600*	↑ NOT ALLOWED ↓	280,600*	280,600*b	280,600*	280,600*	280,600*	16
17	82.0	88.0		278,500*		278,500*	278,500*	278,500*	269,900*	269,900*	17
18	81.3	87.8		276,500*		276,500*	267,200*b	267,200*	255,400*	255,400*	18
19	80.6	87.6		264,900*		264,900*	253,600*	253,600*	242,300*	242,300*	19
20	79.8	87.4		252,000*		252,000*	241,200*	241,200*	229,100	230,500*	20
22	78.4	87.0		229,400*		229,400*	219,600*	219,600*	192,000	209,300*	22
24	76.9	86.4		210,500*		210,500*	191,000	201,400*	164,700	189,800*	24
26	75.4	85.9		194,300*		194,300*	167,100	184,300*	143,900	173,400*	26
28	73.9	85.3		179,600*		179,600*	148,200	169,600*	127,400	159,600*	28
30	72.4	84.6		166,200*		166,200*	132,800	156,900*	114,000	147,600*	30
32	70.9	83.9		154,600*		154,600*	120,200	145,900*	103,000	137,200*	32
34	69.3	83.1		144,400*		144,400*	109,500	136,200*	93,700	128,000*	34
36	67.8	82.2		135,400*		135,400*	100,400	127,700*	85,800	120,000*	36
38	66.2	81.3		127,300*		127,300*	92,600	120,000*	79,000	112,700*	38
40	64.6	80.3		120,100*		120,100*	85,700	113,200*	73,000	106,300*	40
45	60.5	77.5		104,900*		104,900*	72,000	98,800*	61,000	90,600	45
50	56.2	74.2		92,800*		92,800*	61,500	87,300*	51,900	77,100	50
55	51.7	70.3		83,000*		83,000*	53,300	76,500	44,700	66,600	55
60	46.8	65.8		74,800*		74,800*	46,700	67,200	39,000	58,300	60
65	41.5	60.3		67,800*		67,800*	41,200	59,500	34,200	51,500	65
70	35.5	53.6	61,900*	61,900*	36,600	53,200	30,200	45,800	70		
75	28.4	45.0	56,700*	56,700*	32,700	47,700	26,700	40,900	75		
80	18.8	32.6	52,000*	52,000*	49,300	29,200	43,000	23,600	36,700	80	

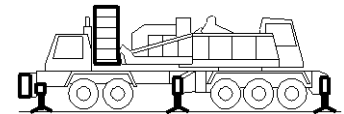


777T

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



80 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Counterweight		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
16	82.7	88.1	272,800*	272,800*	254,200	259,600*	198,000	244,900*	163,700	233,800*	16
17	82.0	88.0	257,400*	257,400*	221,000	244,900*	171,800	228,600*	141,800	218,200*	17
18	81.3	87.8	238,900	243,500*	195,100	230,200*	151,300	214,200*	124,700	204,500*	18
19	80.6	87.6	213,800	231,100*	174,400	216,500*	135,000	201,400*	111,000	192,300*	19
20	79.8	87.4	193,300	218,600*	157,400	204,300*	121,600	190,000*	99,800	181,400*	20
22	78.4	87.0	161,600	196,400*	131,300	183,500*	101,000	170,600*	82,500	162,700*	22
24	76.9	86.4	138,400	178,000*	112,100	166,200*	85,800	154,500*	69,800	140,400	24
26	75.4	85.9	120,600	162,600*	97,400	151,800*	74,200	137,400	60,100	119,200	26
28	73.9	85.3	106,600	149,600*	85,800	139,500*	65,000	119,100	52,400	103,200	28
30	72.4	84.6	95,200	138,300*	76,400	128,200	57,600	104,800	46,100	90,600	30
32	70.9	83.9	85,800	128,500*	68,600	114,400	51,500	93,300	41,000	80,500	32
34	69.3	83.1	77,900	119,900*	62,100	103,100	46,300	83,800	36,700	72,100	34
36	67.8	82.2	71,100	111,200	56,500	93,600	41,900	75,900	33,000	65,100	36
38	66.2	81.3	65,300	101,800	51,700	85,500	38,100	69,200	29,800	59,200	38
40	64.6	80.3	60,200	93,700	47,500	78,500	34,700	63,400	27,000	54,100	40
45	60.5	77.5	50,000	77,700	39,000	64,800	28,000	51,900	21,400	44,000	45
50	56.2	74.2	42,200	65,800	32,600	54,600	23,000	43,400	17,100	36,500	50
55	51.7	70.3	36,100	56,700	27,500	46,700	18,900	36,800	13,700	30,700	55
60	46.8	65.8	31,200	49,300	23,400	40,400	15,700	31,500	11,000	26,100	60
65	41.5	60.3	27,100	43,400	20,100	35,300	13,000	27,200	8,700	22,300	65
70	35.5	53.6	23,700	38,400	17,200	31,000	10,700	23,600	6,800	19,100	70
75	28.4	45.0	20,700	34,100	14,700	27,300	8,700	20,500	5,100	16,400	75
80	18.8	32.6	18,000	30,400	12,500	24,100	6,900	17,800	3,500	13,900	80

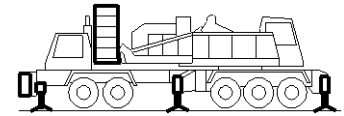


777T

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
 0 Lb. to 95,400 Lb. Crane Counterweight
 With or Without 25,000 Lb. Front Bumper Counterweight
 Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



90 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
17	82.9	98.1	↑ NOT ALLOWED ↓	273,700*	↑ NOT ALLOWED ↓	273,700*	273,700*b	273,700*	269,700*	269,700*	17
18	82.3	97.9		265,300*		265,300*	265,300*	265,300*	255,200*	255,200*	18
19	81.6	97.8		256,200*		256,200*	253,400*	253,400*	242,200*	242,200*	19
20	81.0	97.6		247,500*		247,500*	241,100*	241,100*	229,800	230,300*	20
22	79.7	97.2		229,300*		229,300*	219,500*	219,500*	192,600	209,200*	22
24	78.4	96.8		210,300*		210,300*	191,600	201,300*	165,200	189,800*	24
26	77.1	96.3		194,100*		194,100*	167,500	184,200*	144,300	173,400*	26
28	75.7	95.7		179,500*		179,500*	148,600	169,500*	127,800	159,500*	28
30	74.4	95.1		166,200*		166,200*	133,200	156,900*	114,400	147,600*	30
32	73.1	94.5		154,600*		154,600*	120,500	145,900*	103,300	137,200*	32
34	71.7	93.8		144,400*		144,400*	109,800	136,200*	94,000	128,000*	34
36	70.4	93.0		135,300*		135,300*	100,700	127,600*	86,100	119,900*	36
38	69.0	92.2		127,300*		127,300*	92,800	120,000*	79,200	112,700*	38
40	67.6	91.4		120,100*		120,100*	86,000	113,200*	73,200	106,200*	40
45	64.1	89.0		104,900*		104,900*	72,200	98,800*	61,200	90,900	45
50	60.4	86.2		92,800*		92,800*	61,700	87,300*	52,100	77,400	50
55	56.6	82.9		83,000*		83,000*	53,500	76,800	44,900	66,900	55
60	52.7	79.2		74,800*		74,800*	46,900	67,500	39,200	58,500	60
65	48.5	74.8		67,900*		67,900*	41,500	59,800	34,400	51,800	65
70	43.9	69.8		62,000*		60,900	36,900	53,500	30,400	46,100	70
75	39.0	63.8		56,800*		54,900	33,000	48,100	27,000	41,300	75
80	33.4	56.6		52,300*		49,800	29,600	43,500	24,000	37,200	80
85	26.7	47.3	48,300*	45,400	26,600	39,500	21,400	33,600	85		
90	17.6	34.1	44,700*	41,400	23,900	35,900	19,000	30,400	90		

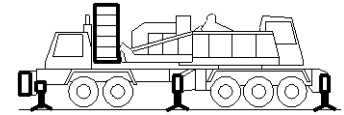


777T

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



90 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Counterweight		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
17	82.9	98.1	257,200*	257,200*	222,000	244,700*	172,800	228,500*	142,800	218,200*	17
18	82.3	97.9	239,800	243,400*	196,000	230,200*	152,200	214,200*	125,600	204,500*	18
19	81.6	97.8	214,600	230,900*	175,200	216,500*	135,800	201,400*	111,800	192,300*	19
20	81.0	97.6	194,000	218,600*	158,100	204,300*	122,300	190,000*	100,500	181,300*	20
22	79.7	97.2	162,200	196,300*	131,900	183,400*	101,600	170,500*	83,100	162,700*	22
24	78.4	96.8	138,900	178,000*	112,600	166,200*	86,300	154,500*	70,300	141,200	24
26	77.1	96.3	121,100	162,600*	97,900	151,800*	74,600	138,100	60,500	119,900	26
28	75.7	95.7	107,000	149,500*	86,200	139,500*	65,400	119,800	52,800	103,800	28
30	74.4	95.1	95,600	138,300*	76,800	128,800	58,000	105,400	46,500	91,100	30
32	73.1	94.5	86,100	128,500*	68,900	114,900	51,800	93,800	41,300	81,000	32
34	71.7	93.8	78,200	119,800*	62,400	103,500	46,600	84,300	37,000	72,600	34
36	70.4	93.0	71,400	111,600	56,800	94,000	42,100	76,300	33,200	65,600	36
38	69.0	92.2	65,600	102,200	52,000	85,900	38,300	69,600	30,000	59,600	38
40	67.6	91.4	60,500	94,100	47,700	78,900	35,000	63,700	27,200	54,500	40
45	64.1	89.0	50,200	78,000	39,200	65,100	28,300	52,200	21,600	44,300	45
50	60.4	86.2	42,400	66,100	32,800	54,900	23,200	43,700	17,300	36,800	50
55	56.6	82.9	36,300	56,900	27,700	47,000	19,100	37,100	13,900	31,000	55
60	52.7	79.2	31,400	49,600	23,700	40,700	15,900	31,800	11,200	26,400	60
65	48.5	74.8	27,300	43,700	20,300	35,600	13,200	27,500	8,900	22,600	65
70	43.9	69.8	23,900	38,700	17,400	31,300	11,000	23,900	7,000	19,400	70
75	39.0	63.8	21,000	34,500	15,000	27,700	9,000	20,900	5,400	16,700	75
80	33.4	56.6	18,500	30,900	12,900	24,600	7,300	18,200	3,900	14,400	80
85	26.7	47.3	16,200	27,700	11,000	21,800	5,800	15,900	2,600	12,300	85
90	17.6	34.1	14,100	24,800	9,300	19,300	4,400	13,800	10,500	10,500	90

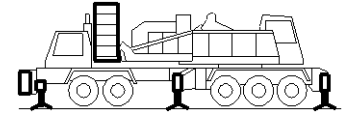


777T

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



100 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds		
18	83.0	108.1	↑	241,200*	↑	241,200*	241,200* ^b	241,200*	241,200*	241,200*	18	
19	82.5	107.9		233,200*		233,200*	233,200*	233,200*	233,200*	233,200*	233,200*	19
20	81.9	107.7		225,800*		225,800*	225,800*	225,800*	225,800*	225,800*	225,800*	20
22	80.7	107.4		211,900*		211,900*	211,900*	211,900*	193,000	209,000*	209,000*	22
24	79.6	107.0		199,600*		199,600*	199,600*	191,900	199,600*	165,600	189,500*	24
26	78.4	106.5		188,700*		188,700*	188,700*	167,800	184,000*	144,600	173,200*	26
28	77.2	106.1		178,700*		178,700*	178,700*	148,800	169,300*	128,000	159,300*	28
30	76.0	105.5		166,000*		166,000*	166,000*	133,300	156,700*	114,500	147,300*	30
32	74.8	105.0		154,300*		154,300*	154,300*	120,600	145,600*	103,400	136,900*	32
34	73.6	104.3		144,100*		144,100*	144,100*	109,900	136,000*	94,100	127,800*	34
36	72.4	103.7	↓	135,100*	↓	135,100*	100,700	127,400*	86,100	119,700*	36	
38	71.2	103.0		127,100*		127,100*	127,100*	92,900	119,800*	79,200	112,500*	38
40	70.0	102.2		119,800*		119,800*	119,800*	86,000	112,900*	73,300	106,000*	40
45	66.9	100.1		104,700*		104,700*	104,700*	72,200	98,500*	61,200	91,000	45
50	63.7	97.6		92,600*		92,600*	92,600*	61,700	87,100*	52,100	77,400	50
55	60.4	94.8		82,800*		82,800*	82,800*	53,500	76,800	44,900	66,900	55
60	57.0	91.6		74,600*		74,600*	74,600*	46,900	67,500	39,100	58,600	60
65	53.4	88.0		67,700*		67,700*	67,700*	41,400	59,800	34,400	51,800	65
70	49.7	83.8		61,800*		61,800*	60,900	36,900	53,500	30,400	46,100	70
75	45.8	79.0		56,700*		55,000	55,000	33,000	48,100	27,000	41,300	75
80	41.5	73.5	52,200*	49,900	49,900	29,600	43,500	24,000	37,200	80		
85	36.8	67.1	48,200*	45,400	45,400	26,700	39,600	21,500	33,700	85		
90	31.5	59.3	44,700*	41,600	41,600	24,100	36,100	19,200	30,500	90		
95	25.2	49.5	41,500*	38,100	38,100	21,700	32,900	17,100	27,700	95		
100	16.6	35.4	38,600*	35,000	35,000	19,600	30,100	15,200	25,200	100		

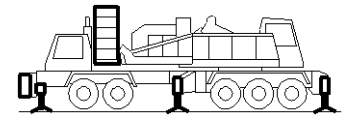


777T

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



100 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Counterweight		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
18	83.0	108.1	240,500	241,200*	196,800	230,000*	153,000	214,000*	126,300	204,300*	18
19	82.5	107.9	215,300	230,600*	175,800	216,300*	136,400	201,200*	112,400	192,100*	19
20	81.9	107.7	194,600	218,400*	158,700	204,100*	122,900	189,800*	101,000	181,200*	20
22	80.7	107.4	162,700	196,100*	132,300	183,200*	102,000	170,300*	83,500	162,500*	22
24	79.6	107.0	139,300	177,800*	113,000	166,000*	86,600	154,200*	70,600	141,800	24
26	78.4	106.5	121,300	162,400*	98,100	151,600*	74,900	138,600	60,800	120,400	26
28	77.2	106.1	107,200	149,300*	86,400	139,300*	65,600	120,200	53,000	104,200	28
30	76.0	105.5	95,700	138,000*	76,900	128,700*	58,100	105,700	46,600	91,500	30
32	74.8	105.0	86,200	128,200*	69,100	115,200	51,900	94,100	41,400	81,200	32
34	73.6	104.3	78,300	119,600*	62,500	103,800	46,700	84,500	37,000	72,800	34
36	72.4	103.7	71,500	111,800	56,800	94,200	42,200	76,500	33,300	65,800	36
38	71.2	103.0	65,600	102,400	52,000	86,000	38,400	69,700	30,100	59,800	38
40	70.0	102.2	60,500	94,200	47,800	79,000	35,000	63,900	27,200	54,600	40
45	66.9	100.1	50,200	78,100	39,200	65,200	28,300	52,300	21,600	44,400	45
50	63.7	97.6	42,400	66,200	32,800	54,900	23,100	43,700	17,300	36,900	50
55	60.4	94.8	36,300	57,000	27,700	47,000	19,100	37,100	13,900	31,000	55
60	57.0	91.6	31,400	49,600	23,600	40,700	15,900	31,800	11,100	26,400	60
65	53.4	88.0	27,300	43,700	20,200	35,600	13,200	27,500	8,900	22,600	65
70	49.7	83.8	23,900	38,700	17,400	31,300	10,900	23,900	7,000	19,400	70
75	45.8	79.0	21,000	34,500	15,000	27,700	9,000	20,900	5,300	16,700	75
80	41.5	73.5	18,500	30,900	12,900	24,600	7,300	18,300	3,900	14,400	80
85	36.8	67.1	16,300	27,800	11,000	21,900	5,800	16,000	2,700	12,400	85
90	31.5	59.3	14,300	25,000	9,400	19,500	4,500	14,000		10,700	90
95	25.2	49.5	12,500	22,600	7,900	17,400	3,300	12,200		9,100	95
100	16.6	35.4	10,900	20,300	6,500	15,400	2,200	10,500		7,600	100

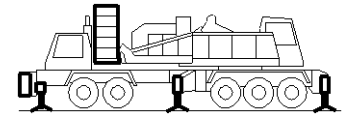


777T

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



110 Ft. Boom

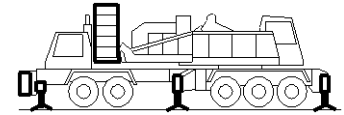


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
20	82.6	117.9	↑ N O T A L L O W E D ↓	208,800*	↑ N O T A L L O W E D ↓	208,800*	208,800*	208,800*	208,800*	208,800*	20
22	81.6	117.5		196,700*		196,700*	196,700*	196,700*	193,400	196,700*	22
24	80.5	117.2		185,800*		185,800*	185,800*	165,900	185,800*	24	
26	79.5	116.8		176,000*		176,000*	168,000	176,000*	144,800	173,100*	26
28	78.4	116.3		167,000*		167,000*	148,900	167,000*	128,200	159,200*	28
30	77.3	115.9		158,800*		158,800*	133,500	156,500*	114,700	147,200*	30
32	76.2	115.4		151,300*		151,300*	120,700	145,500*	103,500	136,800*	32
34	75.2	114.8		144,000*		144,000*	110,000	135,800*	94,200	127,700*	34
36	74.1	114.2		135,000*		135,000*	100,800	127,300*	86,200	119,600*	36
38	73.0	113.6		126,900*		126,900*	92,900	119,600*	79,300	112,400*	38
40	71.9	112.9		119,700*		119,700*	86,100	112,800*	73,300	105,900*	40
45	69.1	111.0		104,500*		104,500*	72,200	98,400*	61,200	91,100	45
50	66.3	108.8		92,500*		92,500*	61,700	87,000*	52,100	77,500	50
55	63.3	106.3		82,600*		82,600*	53,500	76,900	44,900	67,000	55
60	60.4	103.5		74,500*		74,500*	46,900	67,500	39,100	58,600	60
65	57.3	100.3		67,600*		67,600*	41,400	59,900	34,400	51,800	65
70	54.1	96.7	61,700*	60,900	36,800	53,500	30,400	46,100	70		
75	50.7	92.7	56,600*	55,000	33,000	48,200	27,000	41,400	75		
80	47.2	88.2	52,100*	49,900	29,600	43,600	24,000	37,300	80		
85	43.5	83.0	48,200*	45,500	26,700	39,600	21,500	33,700	85		
90	39.4	77.1	44,700*	41,700	24,100	36,100	19,200	30,600	90		
95	35.0	70.2	41,500*	38,200	21,800	33,100	17,200	27,900	95		
100	30.0	61.9	38,700*	35,200	19,800	30,300	15,400	25,400	100		
105	24.0	51.6	36,100*	32,400	17,900	27,800	13,800	23,200	105		
110	15.8	36.7	33,600*	29,900	16,100	25,500	12,200	21,100	110		

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
 0 Lb. to 95,400 Lb. Crane Counterweight
 With or Without 25,000 Lb. Front Bumper Counterweight
 Rating Over Rear or 360 Degrees On Partially Extended Outriggers



110 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Counterweight		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
20	82.6	117.9	195,000	208,800*	159,200	204,000*	123,300	189,700*	101,500	181,000*	20
22	81.6	117.5	163,000	196,000*	132,700	183,100*	102,300	170,200*	83,900	162,400*	22
24	80.5	117.2	139,600	177,600*	113,200	165,900*	86,900	154,100*	70,900	142,400	24
26	79.5	116.8	121,600	162,300*	98,400	151,400*	75,100	139,100	61,000	120,900	26
28	78.4	116.3	107,400	149,200*	86,600	139,200*	65,800	120,500	53,200	104,600	28
30	77.3	115.9	95,900	137,900*	77,100	128,600*	58,300	106,000	46,800	91,800	30
32	76.2	115.4	86,400	128,100*	69,200	115,500	52,000	94,400	41,600	81,500	32
34	75.2	114.8	78,400	119,500*	62,600	104,000	46,800	84,800	37,100	73,000	34
36	74.1	114.2	71,600	111,900*	56,900	94,400	42,300	76,700	33,400	66,000	36
38	73.0	113.6	65,700	102,500	52,100	86,200	38,400	69,900	30,100	59,900	38
40	71.9	112.9	60,600	94,400	47,800	79,200	35,100	64,000	27,300	54,800	40
45	69.1	111.0	50,200	78,200	39,300	65,300	28,300	52,400	21,600	44,500	45
50	66.3	108.8	42,400	66,200	32,800	55,000	23,100	43,800	17,300	36,900	50
55	63.3	106.3	36,300	57,000	27,700	47,100	19,100	37,100	13,900	31,100	55
60	60.4	103.5	31,400	49,700	23,600	40,800	15,800	31,900	11,100	26,400	60
65	57.3	100.3	27,300	43,700	20,200	35,600	13,200	27,500	8,900	22,600	65
70	54.1	96.7	23,900	38,800	17,400	31,400	10,900	24,000	7,000	19,500	70
75	50.7	92.7	21,000	34,600	15,000	27,800	9,000	20,900	5,300	16,800	75
80	47.2	88.2	18,500	31,000	12,900	24,700	7,300	18,300	3,900	14,500	80
85	43.5	83.0	16,300	27,900	11,100	22,000	5,900	16,100	2,700	12,500	85
90	39.4	77.1	14,400	25,100	9,500	19,600	4,600	14,100		10,800	90
95	35.0	70.2	12,600	22,700	8,000	17,500	3,400	12,300		9,200	95
100	30.0	61.9	11,100	20,500	6,700	15,600	2,400	10,800		7,800	100
105	24.0	51.6	9,600	18,600	5,500	13,900		9,300		6,500	105
110	15.8	36.7	8,300	16,700	4,400	12,300		7,900		5,300	110

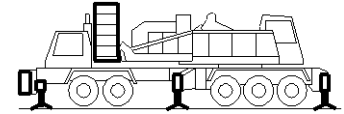


777T

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



120 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	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*	22
24	81.3	127.3		178,900*		178,900*	178,900*	166,300	178,900*	24	
26	80.3	127.0		169,000*		169,000*	168,400	169,000*	145,200	169,000*	26
28	79.4	126.6		160,100*		160,100*	149,300	160,100*	128,500	159,300*	28
30	78.4	126.1		152,000*		152,000*	133,900	152,000*	115,000	147,400*	30
32	77.4	125.7		144,500*		144,500*	121,100	144,500*	103,900	136,900*	32
34	76.4	125.2		137,700*		137,700*	110,300	136,000*	94,500	127,800*	34
36	75.4	124.6		131,400*		131,400*	101,200	127,400*	86,500	119,700*	36
38	74.4	124.0		125,500*		125,500*	93,300	119,800*	79,600	112,500*	38
40	73.4	123.4		119,900*		119,900*	86,400	112,900*	73,600	106,000*	40
45	70.9	121.7	↓	104,700*	↓	104,700*	72,500	98,600*	61,500	91,500	45
50	68.4	119.7		92,600*		92,600*	62,000	87,100*	52,300	77,800	50
55	65.7	117.5		82,800*		82,800*	53,800	77,200	45,200	67,300	55
60	63.1	115.0		74,600*		74,600*	47,100	67,800	39,400	58,900	60
65	60.3	112.2		67,800*		67,800*	41,700	60,200	34,600	52,100	65
70	57.5	109.0		61,900*		61,200	37,100	53,800	30,600	46,500	70
75	54.6	105.5		56,800*		55,300	33,200	48,500	27,300	41,700	75
80	51.6	101.6		52,300*		50,200	29,900	43,900	24,300	37,600	80
85	48.4	97.2		48,400*		45,800	27,000	39,900	21,800	34,100	85
90	45.0	92.3		44,900*		42,000	24,400	36,500	19,500	31,000	90
95	41.5	86.8	41,800*	38,600	22,200	33,400	17,600	28,200	95		
100	37.6	80.5	38,900*	35,600	20,100	30,700	15,800	25,800	100		
105	33.4	73.1	36,400*	32,900	18,300	28,200	14,200	23,600	105		
110	28.6	64.4	34,000*	30,400	16,600	26,000	12,700	21,600	110		
115	22.9	53.5	31,900*	28,200	15,100	24,000	11,300	19,800	115		
120	15.1	38.0	29,800*	26,100	13,600	22,100	10,000	18,100	120		

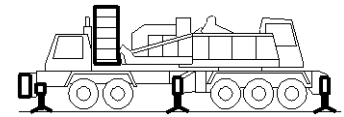


777T

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
 0 Lb. to 95,400 Lb. Crane Counterweight
 With or Without 25,000 Lb. Front Bumper Counterweight
 Rating Over Rear or 360 Degrees On Partially Extended Outriggers



120 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Counterweight		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
22	82.3	127.7	163,500	189,700*	133,200	183,300*	102,800	170,400*	84,300	162,500*	22
24	81.3	127.3	140,000	177,800*	113,700	166,000*	87,400	154,300*	71,300	143,000	24
26	80.3	127.0	122,000	162,400*	98,800	151,600*	75,500	139,600	61,400	121,400	26
28	79.4	126.6	107,800	149,300*	87,000	139,300*	66,200	121,000	53,500	105,100	28
30	78.4	126.1	96,200	138,100*	77,400	128,700*	58,600	106,500	47,200	92,300	30
32	77.4	125.7	86,700	128,200*	69,500	115,900	52,400	94,800	41,900	81,900	32
34	76.4	125.2	78,700	119,600*	62,900	104,400	47,100	85,200	37,500	73,500	34
36	75.4	124.6	71,900	112,000*	57,200	94,800	42,600	77,100	33,700	66,400	36
38	74.4	124.0	66,000	102,900	52,400	86,600	38,700	70,300	30,400	60,300	38
40	73.4	123.4	60,900	94,700	48,100	79,600	35,400	64,400	27,600	55,100	40
45	70.9	121.7	50,500	78,600	39,600	65,600	28,600	52,700	21,900	44,900	45
50	68.4	119.7	42,700	66,600	33,100	55,300	23,400	44,100	17,500	37,300	50
55	65.7	117.5	36,600	57,300	28,000	47,400	19,400	37,500	14,100	31,400	55
60	63.1	115.0	31,600	50,000	23,900	41,100	16,100	32,200	11,400	26,700	60
65	60.3	112.2	27,600	44,000	20,500	35,900	13,400	27,900	9,100	22,900	65
70	57.5	109.0	24,200	39,100	17,700	31,700	11,200	24,300	7,200	19,800	70
75	54.6	105.5	21,300	34,900	15,300	28,100	9,300	21,200	5,600	17,100	75
80	51.6	101.6	18,800	31,300	13,200	25,000	7,600	18,700	4,200	14,800	80
85	48.4	97.2	16,600	28,200	11,400	22,300	6,200	16,400	3,000	12,800	85
90	45.0	92.3	14,700	25,500	9,800	20,000	4,900	14,400		11,100	90
95	41.5	86.8	13,000	23,100	8,400	17,900	3,800	12,700		9,500	95
100	37.6	80.5	11,400	20,900	7,100	16,000	2,700	11,100		8,200	100
105	33.4	73.1	10,000	19,000	5,900	14,400		9,700		6,900	105
110	28.6	64.4	8,800	17,200	4,900	12,800		8,500		5,800	110
115	22.9	53.5	7,600	15,600	3,900	11,400		7,300		4,700	115
120	15.1	38.0	6,500	14,100	2,900	10,100		6,100		3,700	120

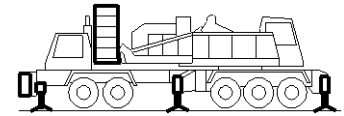


777T

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



130 Ft. Boom



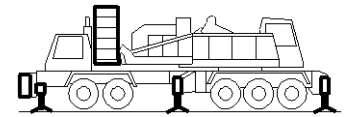
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
22	82.9	137.8	↑ NOT ALLOWED	178,100*	↑ NOT ALLOWED	178,100*	178,100*	178,100*	178,100*	178,100*	22
24	82.0	137.5		168,900*		168,900*	168,900*	166,500	168,900*	24	
26	81.1	137.1		160,500*		160,500*	145,300	160,500*	26		
28	80.2	136.8		152,700*		152,700*	128,600	152,700*	28		
30	79.3	136.4		145,700*		145,700*	115,000	145,700*	30		
32	78.4	135.9		139,100*		139,100*	103,900	139,100*	32		
34	77.5	135.5		133,000*		133,000*	94,400	133,000*	34		
36	76.6	135.0		126,700*		126,700*	86,400	126,700*	36		
38	75.7	134.4		120,900*		120,900*	79,500	119,400*	38		
40	74.8	133.9		115,500*		115,500*	73,500	112,600*	40		
45	72.5	132.3		103,700*		103,700*	61,300	98,200*	45		
50	70.1	130.5		92,300*		92,300*	52,200	86,800*	50		
55	67.7	128.5		82,500*		82,500*	45,000	77,100	55		
60	65.3	126.2		74,300*		74,300*	39,200	67,700	60		
65	62.8	123.6		67,400*		67,400*	34,400	60,000	65		
70	60.3	120.8	61,500*	61,000	30,400	53,600	70				
75	57.7	117.7	56,400*	55,100	27,000	48,300	75				
80	55.0	114.2	52,000*	50,000	24,100	43,700	80				
85	52.2	110.4	48,100*	45,600	21,500	39,700	85				
90	49.4	106.2	44,600*	41,800	19,300	36,300	90				
95	46.3	101.5	41,400*	38,400	17,300	33,200	95				
100	43.1	96.2	38,600*	35,400	15,500	30,500	100				
105	39.7	90.3	36,100*	32,700	13,900	28,000	105				
110	36.1	83.7	33,800*	30,200	12,500	25,800	110				
115	32.0	76.0	31,600*	28,000	11,200	23,800	115				
120	27.4	66.8	29,700*	26,000	9,900	22,000	120				
125	21.9	55.4	27,800*	24,100	8,800	20,300	125				
130	14.4	39.1	26,100*	22,300	7,700	18,700	130				



Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



130 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Counterweight		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
22	82.9	137.8	163,800	178,100*	133,400	178,100*	103,100	170,100*	84,600	162,200*	22
24	82.0	137.5	140,200	168,900*	113,800	165,700*	87,500	154,000*	71,500	143,500	24
26	81.1	137.1	122,100	160,500*	98,900	151,300*	75,600	139,900	61,500	121,800	26
28	80.2	136.8	107,800	149,000*	87,000	139,000*	66,200	121,300	53,600	105,300	28
30	79.3	136.4	96,200	137,700*	77,400	128,400*	58,600	106,700	47,200	92,400	30
32	78.4	135.9	86,700	127,900*	69,500	116,000	52,300	94,900	41,900	82,100	32
34	77.5	135.5	78,600	119,300*	62,800	104,500	47,000	85,200	37,400	73,500	34
36	76.6	135.0	71,800	111,700*	57,200	94,800	42,500	77,100	33,600	66,400	36
38	75.7	134.4	65,900	102,900	52,300	86,600	38,600	70,300	30,300	60,300	38
40	74.8	133.9	60,700	94,700	48,000	79,500	35,200	64,400	27,500	55,100	40
45	72.5	132.3	50,400	78,500	39,400	65,600	28,400	52,700	21,700	44,800	45
50	70.1	130.5	42,500	66,400	32,900	55,200	23,200	44,000	17,300	37,100	50
55	67.7	128.5	36,400	57,200	27,800	47,200	19,200	37,300	13,900	31,200	55
60	65.3	126.2	31,400	49,800	23,600	40,900	15,900	32,000	11,200	26,600	60
65	62.8	123.6	27,300	43,800	20,300	35,700	13,200	27,700	8,900	22,700	65
70	60.3	120.8	23,900	38,900	17,400	31,500	10,900	24,100	7,000	19,600	70
75	57.7	117.7	21,000	34,700	15,000	27,800	9,000	21,000	5,400	16,900	75
80	55.0	114.2	18,500	31,100	12,900	24,800	7,400	18,400	4,000	14,600	80
85	52.2	110.4	16,300	28,000	11,100	22,100	5,900	16,200	2,700	12,600	85
90	49.4	106.2	14,400	25,200	9,500	19,700	4,600	14,200		10,900	90
95	46.3	101.5	12,700	22,800	8,100	17,700	3,500	12,500		9,300	95
100	43.1	96.2	11,200	20,700	6,800	15,800	2,500	10,900		8,000	100
105	39.7	90.3	9,800	18,800	5,700	14,200		9,500		6,700	105
110	36.1	83.7	8,600	17,100	4,700	12,700		8,300		5,600	110
115	32.0	76.0	7,400	15,500	3,700	11,300		7,100		4,600	115
120	27.4	66.8	6,400	14,000	2,800	10,000		6,100		3,600	120
125	21.9	55.4	5,400	12,700	2,000	8,900		5,100		2,700	125
130	14.4	39.1	4,400	11,400		7,700		4,100			130

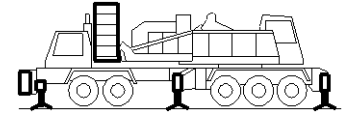


777T

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



140 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
24	82.6	147.6	↑ NOT ALLOWED	160,600*	↑ NOT ALLOWED	160,600*	160,600*	160,600*	160,600*	160,600*	24
26	81.7	147.3		153,300*		153,300*	153,300*	145,400	153,300*	26	
28	80.9	146.9		145,700*		145,700*	128,600	145,700*	28		
30	80.1	146.6		138,700*		138,700*	133,800	138,700*	115,000	138,700*	30
32	79.2	146.2		132,200*		132,200*	121,000	132,200*	103,800	132,200*	32
34	78.4	145.7		126,200*		126,200*	110,200	126,200*	94,400	126,200*	34
36	77.6	145.3		120,600*		120,600*	101,000	120,600*	86,300	119,100*	36
38	76.7	144.8		115,000*		115,000*	93,000	115,000*	79,400	111,900*	38
40	75.9	144.3		109,800*		109,800*	86,100	109,800*	73,300	105,400*	40
45	73.7	142.8		98,300*		98,300*	72,200	97,900*	61,200	91,300	45
50	71.6	141.2		88,700*		88,700*	61,600	86,500*	52,000	77,600	50
55	69.4	139.3		80,400*		80,400*	53,300	76,900	44,700	67,000	55
60	67.2	137.2		73,200*		73,200*	46,700	67,500	38,900	58,600	60
65	64.9	134.9		66,900*		66,900*	41,200	59,800	34,200	51,700	65
70	62.6	132.3	61,200*	60,800	36,600	53,500	30,200	46,100	70		
75	60.3	129.5	56,100*	54,900	32,800	48,100	26,800	41,300	75		
80	57.9	126.4	51,700*	49,800	29,400	43,500	23,800	37,200	80		
85	55.4	122.9	47,800*	45,400	26,500	39,500	21,300	33,600	85		
90	52.8	119.2	44,300*	41,600	23,900	36,100	19,100	30,500	90		
95	50.2	115.1	41,200*	38,200	21,700	33,000	17,100	27,800	95		
100	47.4	110.5	38,400*	35,200	19,700	30,300	15,300	25,400	100		
105	44.5	105.5	35,700*	32,500	17,800	27,800	13,700	23,200	105		
110	41.5	100.0	33,300*	30,000	16,200	25,600	12,300	21,300	110		
115	38.2	93.8	31,000*	27,800	14,700	23,700	11,000	19,500	115		
120	34.7	86.8	28,900*	25,800	13,300	21,800	9,800	17,900	120		
125	30.8	78.7	26,900*	24,000	12,100	20,200	8,700	16,400	125		
130	26.4	69.1	25,100*	22,300	10,900	18,600	7,600	15,000	130		
135	21.1	57.2	23,400*	20,700	9,800	17,200	6,600	13,700	135		
140	13.9	40.3	21,800*	19,200	8,700	15,800	5,700	12,500	140		

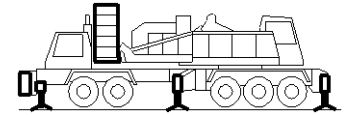


777T

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



140 Ft. Boom

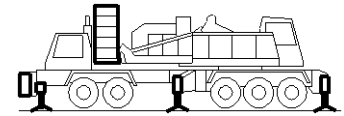


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Counterweight		27,400 Lb. Crane Counterweight		10,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
24	82.6	147.6	140,300	160,600*	113,900	160,600*	87,600	153,700*	24
26	81.7	147.3	122,100	153,300*	98,900	151,000*	75,700	140,200*	26
28	80.9	146.9	107,800	145,700*	87,000	138,700*	66,200	121,500	28
30	80.1	146.6	96,200	137,400*	77,400	128,100*	58,600	106,800	30
32	79.2	146.2	86,600	127,600*	69,400	116,100	52,300	95,000	32
34	78.4	145.7	78,600	119,000*	62,700	104,500	46,900	85,300	34
36	77.6	145.3	71,700	111,400*	57,000	94,800	42,400	77,100	36
38	76.7	144.8	65,800	102,900	52,100	86,600	38,500	70,200	38
40	75.9	144.3	60,600	94,600	47,800	79,500	35,100	64,300	40
45	73.7	142.8	50,200	78,400	39,200	65,500	28,200	52,600	45
50	71.6	141.2	42,300	66,300	32,700	55,100	23,000	43,900	50
55	69.4	139.3	36,200	57,000	27,600	47,100	19,000	37,100	55
60	67.2	137.2	31,200	49,700	23,400	40,700	15,700	31,800	60
65	64.9	134.9	27,100	43,600	20,000	35,600	13,000	27,500	65
70	62.6	132.3	23,700	38,700	17,200	31,300	10,700	23,900	70
75	60.3	129.5	20,800	34,500	14,800	27,700	8,800	20,800	75
80	57.9	126.4	18,300	30,900	12,700	24,600	7,100	18,200	80
85	55.4	122.9	16,100	27,800	10,900	21,900	5,700	16,000	85
90	52.8	119.2	14,200	25,000	9,300	19,500	4,400	14,000	90
95	50.2	115.1	12,500	22,600	7,900	17,500	3,300	12,300	95
100	47.4	110.5	11,000	20,500	6,600	15,600	2,300	10,700	100
105	44.5	105.5	9,600	18,600	5,500	14,000		9,300	105
110	41.5	100.0	8,400	16,900	4,400	12,500		8,100	110
115	38.2	93.8	7,200	15,300	3,500	11,100		6,900	115
120	34.7	86.8	6,200	13,900	2,600	9,900		5,900	120
125	30.8	78.7	5,200	12,600		8,700		4,900	125
130	26.4	69.1	4,400	11,300		7,700		4,000	130
135	21.1	57.2	3,500	10,200		6,700		3,200	135
140	13.9	40.3	2,700	9,100		5,700		2,400	140

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



150 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
26	82.3	157.4	↑	161,100*	↑	161,100*	161,100*	161,100*	145,400	161,100*	26
28	81.5	157.1		155,100*		155,100*	149,300	155,100*	128,500	155,100*	28
30	80.7	156.7		148,000*		148,000*	133,700	148,000*	114,900	146,200*	30
32	80.0	156.4		138,900*		138,900*	120,800	138,900*	103,600	135,700*	32
34	79.2	156.0		130,900*		130,900*	109,900	130,900*	94,100	126,600*	34
36	78.4	155.5		123,900*		123,900*	100,700	123,900*	86,100	118,500*	36
38	77.6	155.1		117,600*		117,600*	92,700	117,600*	79,100	111,300*	38
40	76.8	154.6		112,000*		112,000*	85,800	111,700*	73,000	104,800*	40
45	74.9	153.2		100,200*		100,200*	71,800	97,300*	60,800	91,000	45
50	72.9	151.7		90,700*		90,700*	61,200	85,800*	51,500	77,200	50
55	70.8	150.0	↓	81,500*	↓	81,500*	52,900	76,500*	44,300	66,600	55
60	68.8	148.1		73,300*		73,300*	46,200	67,100	38,400	58,100	60
65	66.7	145.9		66,500*		66,500*	40,700	59,400	33,600	51,300	65
70	64.6	143.6		60,600*		60,600*	36,100	53,000	29,600	45,600	70
75	62.5	141.0		55,500*		55,500*	32,200	47,600	26,200	40,800	75
80	60.3	138.1		51,000*		51,000*	28,800	43,000	23,300	36,700	80
85	58.0	135.0		47,100*		47,100*	25,900	39,000	20,700	33,100	85
90	55.7	131.7		43,600*		43,600*	23,300	35,500	18,500	30,000	90
95	53.3	128.0		40,500*		40,500*	21,100	32,400	16,500	27,300	95
100	50.9	123.9		37,700*		37,700*	19,100	29,700	14,700	24,800	100
105	48.3	119.6	35,200*	35,200*	17,200	27,300	13,100	22,600	105		
110	45.7	114.7	32,800*	32,800*	15,600	25,100	11,700	20,700	110		
115	42.9	109.5	30,700*	30,700*	14,100	23,100	10,400	18,900	115		
120	40.0	103.6	28,800*	28,800*	12,700	21,300	9,200	17,300	120		
125	36.8	97.1	27,000*	27,000*	11,500	19,600	8,100	15,800	125		
130	33.4	89.7	25,400*	25,400*	10,300	18,100	7,000	14,400	130		
135	29.7	81.3	23,800*	23,800*	9,200	16,700	6,100	13,200	135		
140	25.4	71.3	22,400*	22,400*	8,200	15,400	5,200	12,000	140		
145	20.3	58.9	21,000*	21,000*	7,300	14,100	4,400	10,900	145		
150	13.4	41.4	18,900*	18,900*	6,300	12,900	3,500	9,800	150		

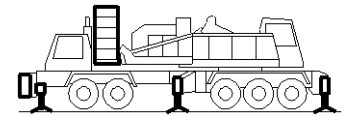


777T

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



150 Ft. Boom

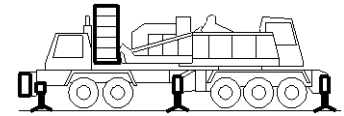


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Counterweight		27,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
26	82.3	157.4	122,200	161,100*	99,000	150,500*	26
28	81.5	157.1	107,800	148,200*	87,000	138,200*	28
30	80.7	156.7	96,100	136,900*	77,300	127,600*	30
32	80.0	156.4	86,400	127,000*	69,300	116,100	32
34	79.2	156.0	78,300	118,400*	62,500	104,500	34
36	78.4	155.5	71,400	110,800*	56,800	94,700	36
38	77.6	155.1	65,500	102,700	51,800	86,400	38
40	76.8	154.6	60,300	94,500	47,500	79,300	40
45	74.9	153.2	49,800	78,100	38,800	65,200	45
50	72.9	151.7	41,900	66,000	32,200	54,700	50
55	70.8	150.0	35,700	56,600	27,100	46,700	55
60	68.8	148.1	30,700	49,200	22,900	40,300	60
65	66.7	145.9	26,600	43,200	19,500	35,100	65
70	64.6	143.6	23,100	38,200	16,600	30,800	70
75	62.5	141.0	20,200	34,000	14,200	27,100	75
80	60.3	138.1	17,700	30,300	12,100	24,000	80
85	58.0	135.0	15,500	27,200	10,300	21,300	85
90	55.7	131.7	13,600	24,500	8,700	19,000	90
95	53.3	128.0	11,900	22,100	7,300	16,900	95
100	50.9	123.9	10,400	19,900	6,000	15,000	100
105	48.3	119.6	9,000	18,000	4,900	13,400	105
110	45.7	114.7	7,800	16,300	3,800	11,900	110
115	42.9	109.5	6,600	14,700	2,900	10,500	115
120	40.0	103.6	5,600	13,300	2,000	9,300	120
125	36.8	97.1	4,700	12,000		8,200	125
130	33.4	89.7	3,800	10,800		7,100	130
135	29.7	81.3	3,000	9,700		6,200	135
140	25.4	71.3	2,200	8,600		5,300	140
145	20.3	58.9		7,600		4,400	145
150	13.4	41.4		6,700		3,500	150

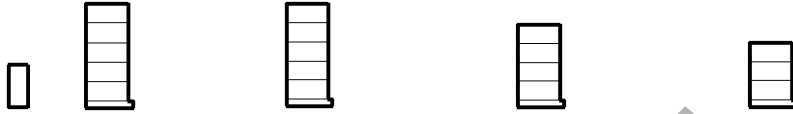
Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



160 Ft. Boom



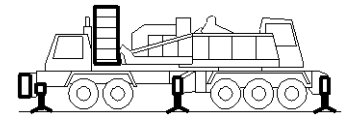
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
26	82.8	167.5	↑ NOT ALLOWED	155,900*	↑ NOT ALLOWED	155,900*	155,900*	155,900*	145,300	155,900*	26
28	82.1	167.2		150,500*		150,500*	149,200	150,500*	128,400	150,500*	28
30	81.3	166.9		145,000*		145,000*	133,600	145,000*	114,700	145,000*	30
32	80.6	166.5		136,000*		136,000*	120,600	136,000*	103,400	135,400*	32
34	79.9	166.2		128,100*		128,100*	109,800	128,100*	93,900	126,200*	34
36	79.1	165.8		121,100*		121,100*	100,500	121,100*	85,900	118,100*	36
38	78.4	165.3		115,000*		115,000*	92,500	115,000*	78,900	110,900*	38
40	77.7	164.9		109,400*		109,400*	85,500	109,400*	72,800	104,400*	40
45	75.8	163.6		97,800*		97,800*	71,500	96,900*	60,500	90,800	45
50	74.0	162.2		88,500*		88,500*	60,900	85,500*	51,300	77,000	50
55	72.1	160.6		80,900*		80,900*	52,600	76,200*	44,000	66,300	55
60	70.2	158.8		73,000*		73,000*	45,900	66,800	38,100	57,900	60
65	68.3	156.8		66,100*		66,100*	40,400	59,100	33,300	51,000	65
70	66.3	154.6		60,200*		60,200*	35,800	52,700	29,300	45,300	70
75	64.3	152.2		55,100*		55,100*	31,900	47,300	25,900	40,500	75
80	62.3	149.6	50,700*	50,700*	28,500	42,700	23,000	36,400	80		
85	60.2	146.8	46,800*	46,800*	25,600	38,700	20,400	32,800	85		
90	58.1	143.7	43,300*	43,300*	23,000	35,200	18,200	29,700	90		
95	56.0	140.4	40,200*	40,200*	20,800	32,200	16,200	27,000	95		
100	53.8	136.7	37,400*	37,400*	18,800	29,400	14,400	24,500	100		
105	51.5	132.8	34,800*	34,800*	16,900	27,000	12,800	22,400	105		
110	49.1	128.5	32,500*	32,500*	15,300	24,800	11,400	20,400	110		
115	46.7	123.9	30,400*	30,400*	13,800	22,800	10,100	18,600	115		
120	44.1	118.8	28,500*	28,500*	12,400	21,000	8,900	17,000	120		
125	41.5	113.2	26,700*	26,700*	11,200	19,300	7,800	15,500	125		
130	38.6	107.1	25,100*	25,100*	10,000	17,800	6,800	14,200	130		
135	35.6	100.3	23,500*	23,500*	9,000	16,400	5,800	12,900	135		
140	32.3	92.6	22,100*	22,100*	8,000	15,100	5,000	11,800	140		
145	28.7	83.8	20,800*	20,800*	7,100	13,900	4,100	10,700	145		
150	24.6	73.5	19,500*	19,500*	6,200	12,800	3,400	9,700	150		
155	19.6	60.6	18,300*	18,300*	5,300	11,700	2,600	8,700	155		
160	12.9	42.5	16,000*	16,000*	4,500	10,600	2,000	7,700	160		



Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



160 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Counterweight		27,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
26	82.8	167.5	122,100	155,900*	98,900	150,100*	26
28	82.1	167.2	107,600	147,800*	86,900	137,800*	28
30	81.3	166.9	95,900	136,500*	77,100	127,200*	30
32	80.6	166.5	86,300	126,700*	69,100	116,000	32
34	79.9	166.2	78,100	118,100*	62,300	104,400	34
36	79.1	165.8	71,200	110,400*	56,600	94,600	36
38	78.4	165.3	65,200	102,600	51,600	86,300	38
40	77.7	164.9	60,000	94,300	47,300	79,100	40
45	75.8	163.6	49,600	77,900	38,600	65,000	45
50	74.0	162.2	41,600	65,800	32,000	54,500	50
55	72.1	160.6	35,400	56,400	26,800	46,500	55
60	70.2	158.8	30,400	49,000	22,600	40,100	60
65	68.3	156.8	26,300	42,900	19,200	34,800	65
70	66.3	154.6	22,800	37,900	16,400	30,500	70
75	64.3	152.2	19,900	33,700	13,900	26,900	75
80	62.3	149.6	17,400	30,100	11,800	23,700	80
85	60.2	146.8	15,200	26,900	10,000	21,100	85
90	58.1	143.7	13,300	24,200	8,400	18,700	90
95	56.0	140.4	11,600	21,800	7,000	16,600	95
100	53.8	136.7	10,100	19,700	5,700	14,800	100
105	51.5	132.8	8,700	17,700	4,600	13,100	105
110	49.1	128.5	7,500	16,000	3,500	11,600	110
115	46.7	123.9	6,300	14,500	2,600	10,300	115
120	44.1	118.8	5,300	13,000		9,000	120
125	41.5	113.2	4,400	11,700		7,900	125
130	38.6	107.1	3,500	10,500		6,900	130
135	35.6	100.3	2,700	9,400		5,900	135
140	32.3	92.6		8,400		5,000	140
145	28.7	83.8		7,400		4,200	145
150	24.6	73.5		6,500		3,400	150
155	19.6	60.6		5,700		2,700	155
160	12.9	42.5		4,800			160

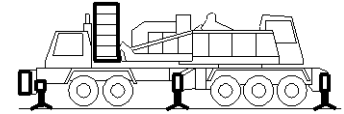


777T

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



170 Ft. Boom



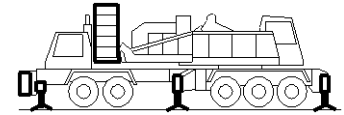
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
28	82.5	177.3	↑ N O T A L L O W E D ↓	147,500*	↑ N O T A L L O W E D ↓	147,500*	147,500*	147,500*	128,400	147,500*	28
30	81.8	177.0		142,300*		142,300*	133,600	142,300*	114,700	142,300*	30
32	81.2	176.7		133,300*		133,300*	120,600	133,300*	103,400	133,300*	32
34	80.5	176.3		125,500*		125,500*	109,700	125,500*	93,900	125,500*	34
36	79.8	176.0		118,600*		118,600*	100,500	118,600*	85,800	118,100*	36
38	79.1	175.6		112,400*		112,400*	92,500	112,400*	78,900	110,800*	38
40	78.4	175.1		106,900*		106,900*	85,500	106,900*	72,800	104,400*	40
45	76.7	174.0		95,400*		95,400*	71,500	95,400*	60,500	90,800*	45
50	74.9	172.6		86,200*		86,200*	60,900	85,400*	51,200	77,000	50
55	73.2	171.1		78,700*		78,700*	52,600	76,100*	44,000	66,300	55
60	71.4	169.4		72,400*		72,400*	45,900	66,800	38,100	57,900	60
65	69.6	167.6		66,000*		66,000*	40,400	59,100	33,300	51,000	65
70	67.8	165.6		60,200*		60,100	35,800	52,700	29,300	45,300	70
75	65.9	163.3		55,100*		54,100	31,900	47,300	25,900	40,500	75
80	64.1	160.9		50,600*		49,000	28,500	42,700	22,900	36,400	80
85	62.2	158.3		46,700*		44,600	25,600	38,700	20,400	32,800	85
90	60.2	155.5	43,200*	40,700	23,000	35,200	18,100	29,700	90		
95	58.3	152.4	40,100*	37,300	20,700	32,100	16,100	27,000	95		
100	56.2	149.1	37,300*	34,300	18,700	29,400	14,400	24,500	100		
105	54.2	145.5	34,800*	31,600	16,900	27,000	12,800	22,300	105		
110	52.0	141.6	32,500*	29,200	15,300	24,800	11,400	20,400	110		
115	49.8	137.4	30,400*	27,000	13,800	22,800	10,100	18,600	115		
120	47.6	132.9	28,500*	25,000	12,400	21,000	8,900	17,000	120		
125	45.2	128.0	26,700*	23,200	11,200	19,300	7,800	15,500	125		
130	42.7	122.7	25,000*	21,500	10,000	17,800	6,800	14,200	130		
135	40.1	116.8	23,500*	19,900	9,000	16,400	5,800	12,900	135		
140	37.4	110.4	22,100*	18,500	8,000	15,200	5,000	11,800	140		
145	34.5	103.3	20,800*	17,200	7,100	14,000	4,200	10,700	145		
150	31.3	95.4	19,500*	16,000	6,200	12,800	3,400	9,700	150		
155	27.8	86.2	18,400*	14,800	5,400	11,800	2,700	8,800	155		
160	23.8	75.5	17,300*	13,700	4,700	10,800	2,000	7,900	160		
165	19.0	62.2	16,200*	12,700	3,900	9,800		7,000	165		
170	12.5	43.5	13,700*	11,700	3,200	8,900		6,200	170		



Liftcrane Boom Capacities

Meets
 ANSI B30.5
 Requirements

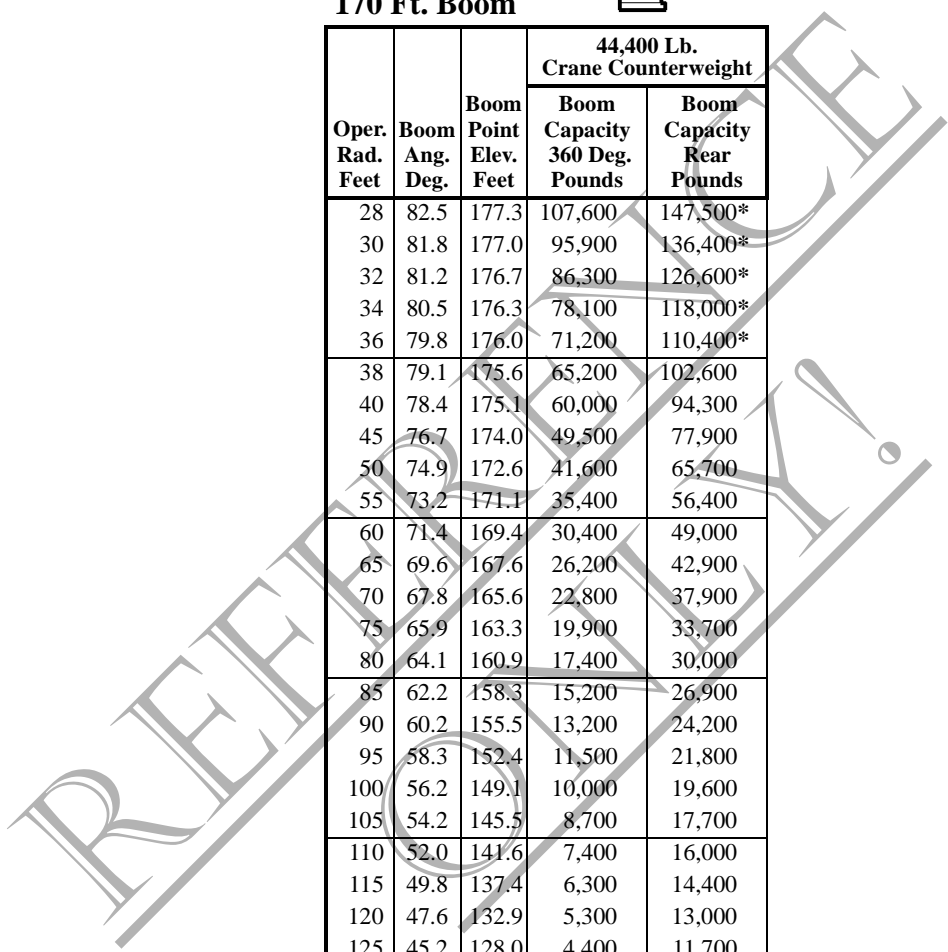
Boom No. 78T With Heavy Lift Top
 0 Lb. to 95,400 Lb. Crane Counterweight
 With or Without 25,000 Lb. Front Bumper Counterweight
 Rating Over Rear or 360 Degrees On Partially Extended Outriggers



170 Ft. Boom



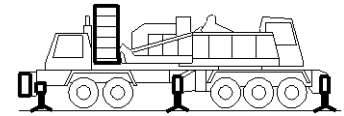
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Counterweight	
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds
28	82.5	177.3	107,600	147,500*
30	81.8	177.0	95,900	136,400*
32	81.2	176.7	86,300	126,600*
34	80.5	176.3	78,100	118,000*
36	79.8	176.0	71,200	110,400*
38	79.1	175.6	65,200	102,600
40	78.4	175.1	60,000	94,300
45	76.7	174.0	49,500	77,900
50	74.9	172.6	41,600	65,700
55	73.2	171.1	35,400	56,400
60	71.4	169.4	30,400	49,000
65	69.6	167.6	26,200	42,900
70	67.8	165.6	22,800	37,900
75	65.9	163.3	19,900	33,700
80	64.1	160.9	17,400	30,000
85	62.2	158.3	15,200	26,900
90	60.2	155.5	13,200	24,200
95	58.3	152.4	11,500	21,800
100	56.2	149.1	10,000	19,600
105	54.2	145.5	8,700	17,700
110	52.0	141.6	7,400	16,000
115	49.8	137.4	6,300	14,400
120	47.6	132.9	5,300	13,000
125	45.2	128.0	4,400	11,700
130	42.7	122.7	3,500	10,500
135	40.1	116.8	2,700	9,400
140	37.4	110.4	2,000	8,400
145	34.5	103.3		7,500
150	31.3	95.4		6,600
155	27.8	86.2		5,800
160	23.8	75.5		5,000
165	19.0	62.2		4,200
170	12.5	43.5		3,500



Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



180 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
28	82.9	187.4		133,400*		133,400*	133,400*	133,400*	128,400	133,400*	28
30	82.3	187.1		129,000*		129,000*	129,000*	129,000*	114,700	129,000*	30
32	81.7	186.8		124,900*		124,900*	120,500	124,900*	103,300	124,900*	32
34	81.0	186.5		120,900*		120,900*	109,600	120,900*	93,800	120,900*	34
36	80.4	186.1		115,700*		115,700*	100,300	115,700*	85,700	115,700*	36
38	79.7	185.8		109,700*		109,700*	92,300	109,700*	78,700	109,700*	38
40	79.1	185.4		104,300*		104,300*	85,300	104,300*	72,600	104,000*	40
45	77.4	184.3		92,900*		92,900*	71,200	92,900*	60,300	90,300*	45
50	75.8	183.0		83,800*		83,800*	60,600	83,800*	51,000	76,800	50
55	74.1	181.6		76,500*		76,500*	52,300	75,700*	43,700	66,100	55
60	72.5	180.0		70,300*		70,300*	45,500	66,500	37,800	57,600	60
65	70.8	178.3		65,000*		65,000*	40,000	58,800	33,000	50,700	65
70	69.1	176.4		59,700*		59,700*	35,400	52,400	28,900	45,000	70
75	67.4	174.3		54,600*		53,800	31,500	47,000	25,500	40,100	75
80	65.6	172.0		50,200*		48,700	28,100	42,300	22,600	36,000	80
85	63.8	169.6		46,300*		44,200	25,200	38,300	20,000	32,500	85
90	62.1	167.0		42,800*		40,400	22,600	34,900	17,800	29,300	90
95	60.2	164.1		39,700*		37,000	20,400	31,800	15,800	26,600	95
100	58.4	161.0		36,900*		33,900	18,300	29,000	14,000	24,200	100
105	56.4	157.8		34,400*		31,200	16,500	26,600	12,400	22,000	105
110	54.5	154.2		32,100*		28,800	14,900	24,400	11,000	20,000	110
115	52.5	150.4		30,000*		26,600	13,400	22,400	9,700	18,300	115
120	50.4	146.3		28,000*		24,600	12,000	20,600	8,500	16,600	120
125	48.3	141.9		26,300*		22,800	10,800	19,000	7,400	15,200	125
130	46.1	137.2		24,600*		21,100	9,700	17,500	6,400	13,800	130
135	43.8	132.0		23,100*		19,600	8,600	16,100	5,500	12,600	135
140	41.5	126.4		21,700*		18,100	7,600	14,800	4,600	11,400	140
145	39.0	120.4		20,400*		16,800	6,700	13,600	3,800	10,300	145
150	36.3	113.7		19,100*		15,600	5,900	12,500	3,100	9,300	150
155	33.5	106.3		18,000*		14,400	5,100	11,400	2,400	8,400	155
160	30.4	98.0		16,900*		13,400	4,300	10,500		7,500	160
165	27.0	88.6		15,900*		12,300	3,600	9,500		6,700	165
170	23.1	77.5		14,800*		11,400	2,900	8,700		5,900	170
175	18.5	63.8		13,600*		10,500	2,300	7,800		5,200	175
180	12.1	44.5		11,300*		9,600		7,000		4,400	180

NOT ALLOWED

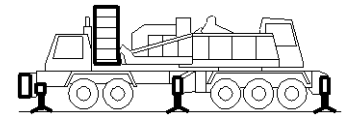
NOT ALLOWED



Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers

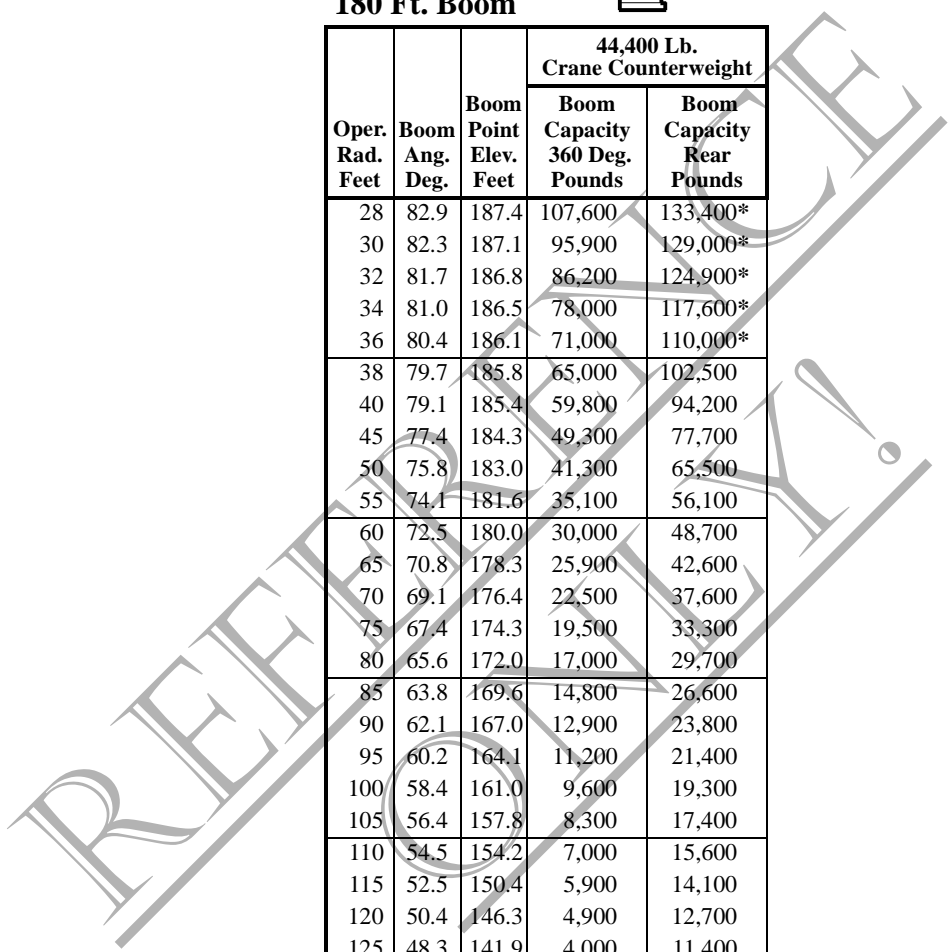


777T

180 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	44,400 Lb. Crane Counterweight	
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds
28	82.9	187.4	107,600	133,400*
30	82.3	187.1	95,900	129,000*
32	81.7	186.8	86,200	124,900*
34	81.0	186.5	78,000	117,600*
36	80.4	186.1	71,000	110,000*
38	79.7	185.8	65,000	102,500
40	79.1	185.4	59,800	94,200
45	77.4	184.3	49,300	77,700
50	75.8	183.0	41,300	65,500
55	74.1	181.6	35,100	56,100
60	72.5	180.0	30,000	48,700
65	70.8	178.3	25,900	42,600
70	69.1	176.4	22,500	37,600
75	67.4	174.3	19,500	33,300
80	65.6	172.0	17,000	29,700
85	63.8	169.6	14,800	26,600
90	62.1	167.0	12,900	23,800
95	60.2	164.1	11,200	21,400
100	58.4	161.0	9,600	19,300
105	56.4	157.8	8,300	17,400
110	54.5	154.2	7,000	15,600
115	52.5	150.4	5,900	14,100
120	50.4	146.3	4,900	12,700
125	48.3	141.9	4,000	11,400
130	46.1	137.2	3,100	10,200
135	43.8	132.0	2,300	9,100
140	41.5	126.4		8,100
145	39.0	120.4		7,100
150	36.3	113.7		6,200
155	33.5	106.3		5,400
160	30.4	98.0		4,600
165	27.0	88.6		3,900
170	23.1	77.5		3,200
175	18.5	63.8		2,500



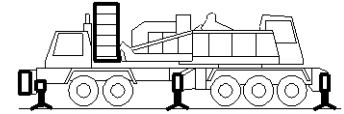


777T

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



190 Ft. Boom

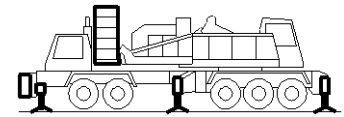


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		95,400 Lb. Crane Counterweight		78,400 Lb. Crane Counterweight		61,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
30	82.7	197.2	↑ NOT ALLOWED	121,100*	↑ NOT ALLOWED	121,100*	121,100*	121,100*	114,600	121,100*	30
32	82.1	196.9		116,900*		116,900*	116,900*	103,200	116,900*	32	
34	81.5	196.6		112,900*		112,900*	109,400	112,900*	93,600	112,900*	34
36	80.9	196.3		109,100*		109,100*	100,100	109,100*	85,500	109,100*	36
38	80.3	195.9		105,500*		105,500*	92,100	105,500*	78,500	105,500*	38
40	79.7	195.6		101,500*		101,500*	85,100	101,500*	72,300	101,500*	40
45	78.1	194.5		90,400*		90,400*	71,000	90,400*	60,000	90,000*	45
50	76.6	193.3		81,500*		81,500*	60,300	81,500*	50,700	76,500	50
55	75.0	192.0		74,200*		74,200*	52,000	74,200*	43,400	65,800	55
60	73.4	190.5		68,100*		68,100*	45,200	66,300	37,500	57,300	60
65	71.8	188.9		62,900*		62,900*	39,700	58,500	32,700	50,400	65
70	70.2	187.1	58,400*	58,400*	35,100	52,100	28,600	44,700	70		
75	68.6	185.1	54,200*	53,500	31,200	46,700	25,200	39,800	75		
80	67.0	183.0	49,800*	48,300	27,800	42,000	22,200	35,700	80		
85	65.3	180.7	45,900*	43,900	24,900	38,000	19,700	32,100	85		
90	63.6	178.3	42,400*	40,000	22,300	34,500	17,400	29,000	90		
95	61.9	175.6	39,300*	36,600	20,000	31,400	15,400	26,300	95		
100	60.2	172.8	36,500*	33,600	18,000	28,700	13,600	23,800	100		
105	58.4	169.7	34,000*	30,900	16,200	26,300	12,000	21,600	105		
110	56.6	166.4	31,700*	28,500	14,500	24,100	10,600	19,700	110		
115	54.8	162.9	29,600*	26,300	13,000	22,100	9,300	17,900	115		
120	52.9	159.2	27,600*	24,300	11,700	20,300	8,100	16,300	120		
125	51.0	155.2	25,900*	22,400	10,400	18,600	7,000	14,800	125		
130	49.0	150.9	24,200*	20,800	9,300	17,100	6,000	13,500	130		
135	46.9	146.2	22,700*	19,200	8,200	15,700	5,100	12,200	135		
140	44.8	141.3	21,300*	17,800	7,300	14,400	4,200	11,100	140		
145	42.6	135.9	20,000*	16,500	6,300	13,200	3,400	10,000	145		
150	40.3	130.1	18,800*	15,300	5,500	12,100	2,700	9,000	150		
155	37.9	123.8	17,600*	14,100	4,700	11,100	2,000	8,100	155		
160	35.3	116.8	16,500*	13,000	4,000	10,100		7,200	160		
165	32.5	109.2	15,500*	12,000	3,300	9,200		6,400	165		
170	29.5	100.6	14,400*	11,100	2,600	8,300		5,600	170		
175	26.2	90.9	13,200*	10,200	2,000	7,500		4,900	175		
180	22.5	79.5	12,000*	9,300		6,800		4,200	180		
185	17.9	65.3	10,900*	8,500		6,000		3,500	185		
190	11.8	45.5	9,100*	7,700		5,300		2,800	190		

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



200 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
32	82.5	207.1		105,900*		105,900*	105,900*	105,900*	103,100	105,900*	32
34	81.9	206.8		102,400*		102,400*	102,400*	102,400*	93,500	102,400*	34
36	81.3	206.4		99,000*		99,000*	99,000*	99,000*	85,300	99,000*	36
38	80.8	206.1		95,800*		95,800*	91,900	95,800*	78,300	95,800*	38
40	80.2	205.7		92,700*		92,700*	84,900	92,700*	72,100	92,700*	40
45	78.7	204.7		85,400*		85,400*	70,700	85,400*	59,700	85,400*	45
50	77.2	203.6		78,600*		78,600*	60,000	78,600*	50,400	76,300	50
55	75.8	202.4		72,200*		72,200*	51,600	72,200*	43,000	65,600	55
60	74.3	201.0		66,300*		66,300*	44,900	66,000	37,100	57,000	60
65	72.8	199.4		61,100*		61,100*	39,400	58,200	32,300	50,100	65
70	71.3	197.7		56,300*		56,300*	34,700	51,700	28,200	44,300	70
75	69.7	195.9		52,100*		52,100*	30,800	46,300	24,800	39,500	75
80	68.2	193.9		48,200*		48,000	27,400	41,700	21,800	35,300	80
85	66.6	191.7		44,600*		43,500	24,500	37,600	19,300	31,800	85
90	65.1	189.4		41,300*		39,700	21,900	34,100	17,000	28,600	90
95	63.5	186.9	NOT ALLOWED	38,200*	NOT ALLOWED	36,200	19,600	31,100	15,000	25,900	95
100	61.8	184.3	NOT ALLOWED	35,400*	NOT ALLOWED	33,200	17,600	28,300	13,200	23,400	100
105	60.2	181.4	NOT ALLOWED	32,800*	NOT ALLOWED	30,500	15,700	25,900	11,600	21,200	105
110	58.5	178.4	NOT ALLOWED	30,400*	NOT ALLOWED	28,100	14,100	23,700	10,200	19,300	110
115	56.8	175.1	NOT ALLOWED	28,100*	NOT ALLOWED	25,900	12,600	21,700	8,900	17,500	115
120	55.1	171.7	NOT ALLOWED	26,000*	NOT ALLOWED	23,900	11,200	19,900	7,700	15,900	120
125	53.3	168.0	NOT ALLOWED	24,000*	NOT ALLOWED	22,000	10,000	18,200	6,600	14,400	125
130	51.5	164.0	NOT ALLOWED	22,100*	NOT ALLOWED	20,400	8,900	16,700	5,600	13,100	130
135	49.6	159.8	NOT ALLOWED	20,300*	NOT ALLOWED	18,800	7,800	15,300	4,700	11,800	135
140	47.7	155.3	NOT ALLOWED	18,700*	NOT ALLOWED	17,400	6,800	14,000	3,800	10,700	140
145	45.7	150.4	NOT ALLOWED	17,100*	NOT ALLOWED	16,100	5,900	12,800	3,000	9,600	145
150	43.6	145.3	NOT ALLOWED	15,600*	NOT ALLOWED	14,800	5,100	11,700	2,300	8,600	150
155	41.5	139.7	NOT ALLOWED	14,200*	NOT ALLOWED	13,700	4,300	10,700		7,700	155
160	39.2	133.6	NOT ALLOWED	12,900*	NOT ALLOWED	12,600	3,500	9,700		6,800	160
165	36.8	127.1	NOT ALLOWED	11,600*	NOT ALLOWED	11,600	2,800	8,800		6,000	165
170	34.3	119.9	NOT ALLOWED	10,400*	NOT ALLOWED	10,400*	2,200	7,900		5,200	170
175	31.7	112.0	NOT ALLOWED	9,300*	NOT ALLOWED	9,300*		7,100		4,500	175
180	28.8	103.2	NOT ALLOWED	8,200*	NOT ALLOWED	8,200*		6,400		3,800	180
185	25.5	93.1	NOT ALLOWED	7,200*	NOT ALLOWED	7,200*		5,600		3,200	185
190	21.9	81.4	NOT ALLOWED	6,200*	NOT ALLOWED	6,200*		4,900		2,500	190
195	17.5	66.8	NOT ALLOWED	5,300*	NOT ALLOWED	5,300*		4,300			195
200	11.4	46.4	NOT ALLOWED	4,400*	NOT ALLOWED	4,400*		3,600			200

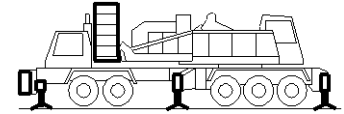


777T

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



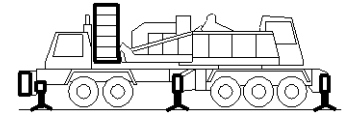
210 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
34	82.3	216.9	↑ N O T A L L O W E D ↓	106,100*	↑ N O T A L L O W E D ↓	106,100*	106,100*	106,100*	34
36	81.8	216.6		103,200*		103,200*	99,700	103,200*	36
38	81.2	216.2		100,400*		100,400*	91,600	100,400*	38
40	80.7	215.9		97,700*		97,700*	84,600	97,700*	40
45	79.3	215.0		87,500*		87,500*	70,400	87,500*	45
50	77.9	213.9		78,700*		78,700*	59,700	78,700*	50
55	76.5	212.7		71,500*		71,500*	51,400	71,500*	55
60	75.1	211.4		65,500*		65,500*	44,600	65,500*	60
65	73.6	209.9		60,400*		60,400*	39,100	57,900	65
70	72.2	208.3		56,000*		56,000*	34,400	51,500	70
75	70.8	206.6		52,000*		52,000*	30,500	46,100	75
80	69.3	204.7		48,500*		47,700	27,100	41,400	80
85	67.8	202.6		45,100*		43,300	24,200	37,400	85
90	66.3	200.5		41,600*		39,400	21,600	33,900	90
95	64.8	198.1		38,500*		36,000	19,300	30,800	95
100	63.3	195.6		35,700*		33,000	17,300	28,100	100
105	61.8	192.9		33,200*		30,200	15,500	25,600	105
110	60.2	190.1		30,900*		27,800	13,800	23,400	110
115	58.6	187.1		28,800*		25,600	12,300	21,400	115
120	57.0	183.8		26,900*		23,600	11,000	19,600	120
125	55.3	180.4	25,100*	21,800	9,700	18,000	125		
130	53.6	176.7	23,500*	20,100	8,600	16,500	130		
135	51.9	172.8	22,000*	18,600	7,500	15,100	135		
140	50.1	168.7	20,600*	17,100	6,600	13,800	140		
145	48.3	164.3	19,300*	15,800	5,700	12,600	145		
150	46.4	159.6	18,100*	14,600	4,800	11,500	150		
155	44.5	154.5	16,900*	13,500	4,000	10,400	155		
160	42.5	149.1	15,700*	12,400	3,300	9,500	160		
165	40.4	143.3	14,600*	11,400	2,600	8,600	165		
170	38.2	137.1	13,500*	10,500	2,000	7,700	170		
175	35.9	130.3	12,500*	9,600		6,900	175		
180	33.5	122.9	11,600*	8,700		6,200	180		
185	30.9	114.7	10,600*	7,900		5,400	185		
190	28.0	105.6	9,800*	7,200		4,800	190		
195	24.9	95.3	8,900*	6,500		4,100	195		
200	21.3	83.2	8,100*	5,800		3,500	200		
205	17.0	68.3	7,000*	5,100		2,900	205		
210	11.2	47.3	5,200*	4,500		2,300	210		

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



220 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
36	82.1	226.7		107,600*		107,600*	99,600	107,600*	36
38	81.6	226.4		101,700*		101,700*	91,500	101,700*	38
40	81.1	226.0		96,400*		96,400*	84,500	96,400*	40
45	79.8	225.1		85,300*		85,300*	70,300	85,300*	45
50	78.4	224.1		76,600*		76,600*	59,600	76,600*	50
55	77.1	223.0		69,400*		69,400*	51,200	69,400*	55
60	75.7	221.7		63,500*		63,500*	44,500	63,500*	60
65	74.4	220.3		58,500*		58,500*	38,900	57,800	65
70	73.0	218.8		54,200*		54,200*	34,300	51,300	70
75	71.7	217.2		50,400*		50,400*	30,400	45,900	75
80	70.3	215.4		47,000*		47,000*	27,000	41,300	80
85	68.9	213.4		44,100*		43,100	24,000	37,200	85
90	67.5	211.4		41,400*		39,200	21,400	33,700	90
95	66.1	209.2		38,400*		35,800	19,200	30,600	95
100	64.6	206.8		35,600*		32,800	17,100	27,900	100
105	63.2	204.3		33,000*		30,100	15,300	25,500	105
110	61.7	201.6	NOT	30,700*	NOT	27,600	13,700	23,300	110
115	60.2	198.8	ALLOWED	28,700*	ALLOWED	25,400	12,200	21,300	115
120	58.7	195.7		26,700*		23,400	10,800	19,500	120
125	57.1	192.5		25,000*		21,600	9,600	17,800	125
130	55.5	189.1		23,300*		19,900	8,400	16,300	130
135	53.9	185.5		21,800*		18,400	7,400	14,900	135
140	52.3	181.6		20,400*		17,000	6,400	13,600	140
145	50.6	177.6		19,100*		15,700	5,500	12,400	145
150	48.9	173.2		17,900*		14,400	4,700	11,300	150
155	47.1	168.6		16,700*		13,300	3,900	10,300	155
160	45.3	163.7		15,500*		12,200	3,100	9,300	160
165	43.4	158.5		14,400*		11,200	2,500	8,400	165
170	41.4	152.9		13,300*		10,300		7,600	170
175	39.4	146.9		12,300*		9,400		6,800	175
180	37.3	140.4		11,400*		8,600		6,000	180
185	35.0	133.4		10,500*		7,800		5,300	185
190	32.7	125.8		9,600*		7,100		4,600	190
195	30.1	117.4		8,800*		6,400		4,000	195
200	27.4	108.0		8,000*		5,700		3,400	200
205	24.3	97.4		7,300*		5,000		2,800	205
210	20.8	85.0		6,500*		4,400		2,200	210
215	16.6	69.7		5,400*		3,800			215
220	10.9	48.2		3,700*		3,200			220

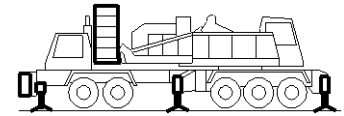


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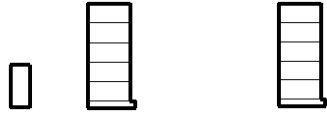
Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
 0 Lb. to 95,400 Lb. Crane Counterweight
 With or Without 25,000 Lb. Front Bumper Counterweight
 Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
 ANSI B30.5
 Requirements



230 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		95,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
38	82.0	236.5	↑	94,800*	↑	94,800*	38
40	81.5	236.2		92,600*		92,600*	40
45	80.2	235.3		83,300*		83,300*	45
50	78.9	234.3		74,700*		74,700*	50
55	77.7	233.3		67,600*		67,600*	55
60	76.4	232.0		61,800*		61,800*	60
65	75.1	230.7		56,800*		56,800*	65
70	73.8	229.3		52,500*		52,500*	70
75	72.5	227.7		48,800*		48,800*	75
80	71.2	226.0		45,500*		45,500*	80
85	69.8	224.2		42,600*		42,600*	85
90	68.5	222.2		40,000*		38,900	90
95	67.2	220.1		37,500*		35,400	95
100	65.8	217.9		35,100*		32,400	100
105	64.4	215.5		32,600*		29,700	105
110	63.0	213.0	↓	30,300*	↓	27,200	110
115	61.6	210.3		28,200*		25,000	115
120	60.2	207.4		26,300*		23,000	120
125	58.7	204.4		24,500*		21,200	125
130	57.2	201.2		22,900*		19,500	130
135	55.7	197.8		21,400*		18,000	135
140	54.2	194.2		20,000*		16,600	140
145	52.6	190.4		18,600*		15,200	145
150	51.0	186.4		17,300*		14,000	150
155	49.4	182.2		16,000*		12,900	155
160	47.7	177.6	14,800*	11,800	160		
165	46.0	172.9	13,700*	10,800	165		
170	44.2	167.8	12,600*	9,900	170		
175	42.4	162.4	11,400*	9,000	175		
180	40.5	156.6	10,300*	8,200	180		
185	38.5	150.4	9,200*	7,400	185		
190	36.4	143.7	8,300*	6,600	190		
195	34.2	136.5	7,300*	5,900	195		
200	31.9	128.6	6,400*	5,300	200		
205	29.4	120.0	5,500*	4,600	205		
210	26.7	110.4	4,700*	4,000	210		
215	23.7	99.5	3,800*	3,400	215		
220	20.3	86.8	3,100*	2,900	220		
225	16.2	71.1	2,300*	2,300	225		

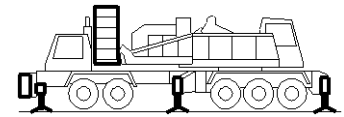


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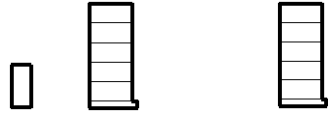
Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers

Meets
ANSI B30.5
Requirements



240 Ft. Boom

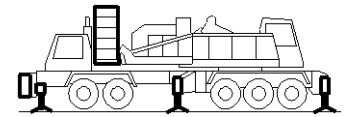


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		95,400 Lb. Crane Counterweight		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
40	81.8	246.3	↑	83,800*	↑	83,800*	40
45	80.6	245.5		78,600*		78,600*	45
50	79.4	244.5		73,000*		73,000*	50
55	78.2	243.5		66,000*		66,000*	55
60	77.0	242.4		60,200*		60,200*	60
65	75.7	241.1		55,200*		55,200*	65
70	74.5	239.7		51,000*		51,000*	70
75	73.2	238.2		47,300*		47,300*	75
80	72.0	236.6		44,000*		44,000*	80
85	70.7	234.8		41,200*		41,200*	85
90	69.5	233.0	↓	38,600*	↓	38,500	90
95	68.2	231.0		36,200*		35,100	95
100	66.9	228.8		34,000*		32,000	100
105	65.6	226.6		31,600*		29,300	105
110	64.2	224.2		29,100*		26,900	110
115	62.9	221.6		26,800*		24,600	115
120	61.5	218.9		24,700*		22,600	120
125	60.2	216.1		22,700*		20,800	125
130	58.8	213.1		20,900*		19,100	130
135	57.4	209.9		19,100*		17,600	135
140	55.9	206.5	17,500*	16,200	140		
145	54.5	202.9	16,000*	14,800	145		
150	53.0	199.2	14,500*	13,600	150		
155	51.4	195.2	13,200*	12,500	155		
160	49.9	191.1	11,900*	11,400	160		
165	48.3	186.6	10,600*	10,400	165		
170	46.7	182.0	9,500*	9,500*	170		
175	45.0	177.0	8,300*	8,300*	175		
180	43.2	171.7	7,300*	7,300*	180		
185	41.4	166.1	6,300*	6,300*	185		
190	39.6	160.2	5,300*	5,300*	190		
195	37.6	153.8	4,400*	4,400*	195		
200	35.6	146.9	3,500*	3,500*	200		
205	33.5	139.5	2,600*	2,600*	205		

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With or Without 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Partially Extended Outriggers



250 Ft. Boom					260 Ft. Boom					270 Ft. Boom				
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.	
			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
45	81.0	255.6		80,600*	45	81.3	265.8		75,600*	45	81.7	275.9		73,900*
50	79.8	254.7		71,900*	50	80.2	264.9		70,300*	50	80.6	275.1		68,700*
55	78.7	253.7		64,900*	55	79.1	263.9		63,400*	55	79.5	274.1		61,800*
60	77.5	252.6		59,000*	60	78.0	262.9		57,600*	60	78.4	273.1		56,000*
65	76.3	251.4		54,100*	65	76.9	261.7		52,700*	65	77.3	272.0		51,100*
70	75.1	250.1		49,800*	70	75.7	260.4		48,500*	70	76.3	270.8		47,000*
75	73.9	248.7		46,200*	75	74.6	259.1		44,900*	75	75.2	269.5		43,400*
80	72.7	247.1		42,900*	80	73.4	257.6		41,700*	80	74.1	268.0		40,200*
85	71.5	245.4		40,000*	85	72.3	256.0		38,900*	85	72.9	266.5		37,400*
90	70.3	243.7		37,500*	90	71.1	254.3		36,300*	90	71.8	264.9		34,900*
95	69.1	241.7		35,100*	95	69.9	252.5		33,900*	95	70.7	263.1		32,600*
100	67.8	239.7		32,900*	100	68.7	250.5		31,700*	100	69.6	261.3		30,500*
105	66.6	237.6		30,900*	105	67.6	248.5		29,700*	105	68.4	259.3		28,600*
110	65.3	235.3		29,000*	110	66.4	246.3		27,900*	110	67.3	257.2		26,900*
115	64.1	232.9		27,200*	115	65.1	244.0		26,200*	115	66.1	255.0		25,200*
120	62.8	230.3	NOT ALLOWED	25,300*	120	63.9	241.5	NOT ALLOWED	24,600*	120	65.0	252.7	NOT ALLOWED	23,700*
125	61.5	227.6		23,600*	125	62.7	239.0		23,100*	125	63.8	250.2		22,200*
130	60.2	224.7		21,900*	130	61.4	236.2		21,300*	130	62.6	247.6		20,800*
135	58.8	221.7		20,400*	135	60.2	233.4		19,600*	135	61.4	244.9		19,100*
140	57.5	218.5		18,900*	140	58.9	230.4		18,100*	140	60.1	242.1		17,600*
145	56.1	215.2		17,500*	145	57.6	227.2		16,600*	145	58.9	239.0		16,200*
150	54.7	211.7		16,100*	150	56.2	223.9		15,300*	150	57.7	235.9		14,800*
155	53.3	208.0		14,900*	155	54.9	220.4		14,100*	155	56.4	232.6		13,600*
160	51.8	204.1		13,700*	160	53.5	216.7		12,900*	160	55.1	229.1		12,400*
165	50.3	199.9		12,600*	165	52.1	212.9		11,800*	165	53.8	225.5		11,300*
170	48.8	195.6		11,600*	170	50.7	208.8		10,800*	170	52.4	221.6		10,300*
175	47.2	191.0		10,600*	175	49.3	204.5		9,800*	175	51.1	217.6		9,300*
180	45.6	186.2		9,700*	180	47.8	200.0		8,900*	180	49.7	213.4		8,400*
185	44.0	181.0		8,800*	185	46.3	195.3		8,000*	185	48.3	209.0		7,500*
190	42.3	175.6	7,900*	190	44.7	190.3	7,200*	190	46.8	204.3	6,700*			
195	40.6	169.8	7,100*	195	43.1	185.0	6,400*	195	45.3	199.4	5,900*			
200	38.7	163.7	6,300*	200	41.4	179.4	5,700*	200	43.8	194.3	4,900*			
205	36.9	157.1	5,600*	205	39.7	173.4	5,000*	205	42.2	188.8	4,000*			
210	34.9	150.0	4,900*	210	38.0	167.1	4,300*	210	40.6	183.0	3,100*			
215	32.8	142.4	4,200*	215	36.1	160.3	3,500*	215	38.9	176.9	2,300*			
220	30.6	134.1	3,600*	220	34.2	153.1	2,600*							
225	28.2	125.0	3,000*											
230	25.6	114.9	2,400*											