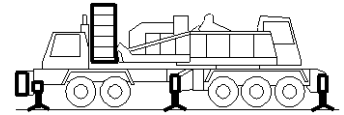


Liftcrane Boom Capacities

**Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers**

Meets
ANSI B30.5
Requirements



LIFTING CAPACITIES: Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 85% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

Upper boom point capacity for liftcrane service with single part whip line is 29,500 Lbs. or 59,000 Lbs. with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 20,000 Lbs. or 40,000 Lbs. with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

Weight of jib, all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves, is considered part of main boom load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate in a level position on a firm uniformly supporting surface with outriggers fully extended (22 Ft. 8 in.) and set. Refer to operators manual for outrigger positioning. Radii less than 32 Ft. not recommended when lifting over front of truck. Minimum boom angle over truck cab is 24 degrees.

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

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

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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

MACHINE EQUIPMENT: Machine equipped with Manitowoc 10 x 6 carrier, 277 in. wheel base, 117 in. front axle track, 100 in. rear axle track, 14.00 x 24 tires, 96 in. front outriggers, 70 in. rear outriggers, two 12 in. boom hoist cylinders, 26 Ft. mast, two boom support straps, crane counterweight as specified and with 25,000 Lb. front bumper counterweight.

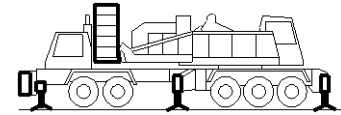
Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 134
30 Ft.	3,900 Lbs.
40 Ft.	4,700 Lbs.
50 Ft.	5,600 Lbs.
60 Ft.	6,600 Lbs.
70 Ft.	7,600 Lbs.
80 Ft.	8,700 Lbs.

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.

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

 Meets
ANSI B30.5
Requirements


Maximum Boom and Jib Lengths Lifted Unassisted On Outriggers			
Over Rear of Outriggers		Over Side of Fully Extended Outriggers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134
95,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.			
(a) 270 Ft.	---	220 Ft.	---
(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.		
78,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.			
250 Ft.	---	210 Ft.	---
240 Ft.	---	200 Ft.	---
230 Ft.	40 Ft.	190 Ft.	40 Ft.
220 Ft.	60 Ft.	180 Ft.	70 Ft.
210 Ft.	80 Ft.	170 Ft.	80 Ft.
61,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.			
230 Ft.	---	190 Ft.	---
220 Ft.	30 Ft.	180 Ft.	30 Ft.
210 Ft.	50 Ft.	170 Ft.	50 Ft.
200 Ft.	70 Ft.	160 Ft.	70 Ft.
190 Ft.	80 Ft.	150 Ft.	80 Ft.
44,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.			
220 Ft.	---	170 Ft.	---
210 Ft.	---	160 Ft.	30 Ft.
200 Ft.	30 Ft.	150 Ft.	50 Ft.
190 Ft.	60 Ft.	140 Ft.	80 Ft.
180 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.			

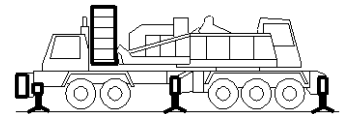
Maximum Boom and Jib Lengths Lifted Unassisted On Rubber		
Over Rear		Over Side
Boom Length	Jib No. 134	Boom Length
95,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.		
Not Allowed		
78,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.		
Not Allowed		
61,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.		
Not Allowed		
44,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.		
140 Ft.	---	Not Allowed
130 Ft.	---	
120 Ft.	50 Ft.	
110 Ft.	60 Ft.	
100 Ft.	80 Ft.	
Load block, hook and weight ball on ground at start.		

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



Maximum Boom and Jib Lengths Lifted Unassisted On Outriggers			
Over Rear of Outriggers		Over Side of Fully Extended Outriggers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134
27,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.			
200 Ft.	---	150 Ft.	---
190 Ft.	---	140 Ft.	30 Ft.
180 Ft.	50 Ft.	130 Ft.	60 Ft.
170 Ft.	70 Ft.	120 Ft.	80 Ft.
160 Ft.	80 Ft.		
10,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.			
180 Ft.	---	130 Ft.	---
170 Ft.	30 Ft.	120 Ft.	30 Ft.
160 Ft.	50 Ft.	110 Ft.	50 Ft.
150 Ft.	70 Ft.	100 Ft.	80 Ft.
140 Ft.	80 Ft.		
0 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.			
170 Ft.	---	120 Ft.	---
160 Ft.	---	110 Ft.	---
150 Ft.	50 Ft.	100 Ft.	40 Ft.
140 Ft.	70 Ft.		
130 Ft.	80 Ft.		
Load block, hook and weight ball on ground at start.			

Maximum Boom and Jib Lengths Lifted Unassisted On Rubber		
Over Rear		Over Side
Boom Length	Jib No. 134	Boom Length
27,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.		
120 Ft.	---	Not Allowed
110 Ft.	30 Ft.	
100 Ft.	50 Ft.	
10,400 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.		
100 Ft.	---	42.5 Ft.
0 Lb. Crane Counterweight + 25,000 Lb. Front Bumper Cwt.		
90 Ft.	---	42.5 Ft.
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.

25 Ft. Boom¹

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.
			Boom Capacity Rear - Pounds
11.0	82.1	33.3	440,000 *

¹ **Note:** Requires additional rigging components.

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

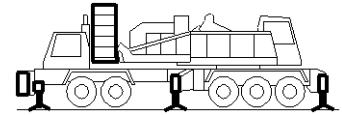
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



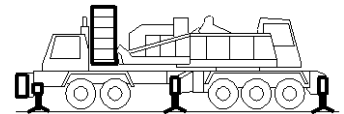
42.5 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
12	81.6	50.3	364,000*	364,000*	364,000*	364,000*	364,000*	364,000*	358,100*	358,100*	12
13	80.2	50.1	364,000*	364,000*	364,000*	364,000*	348,400*	348,400*	332,500*	332,500*	13
14	78.8	49.8	354,900*	354,900*	340,000*	340,000*	325,100*	325,100*	310,200*	310,200*	14
15	77.4	49.6	332,600*	332,600*	318,600*	318,600*	304,600*	304,600*	290,600*	290,600*	15
16	76.0	49.3	312,800*	312,800*	299,600*	299,600*	286,400*	286,400*	273,200*	273,200*	16
17	74.6	48.9	295,200*	295,200*	282,700*	282,700*	270,200*	270,200*	257,700*	257,700*	17
18	73.1	48.6	279,400*	279,400*	267,500*	267,500*	255,700*	255,700*	243,800*	243,800*	18
19	71.7	48.2	265,100*	265,100*	253,800*	253,800*	242,500*	242,500*	231,000*	231,000*	19
20	70.2	47.8	252,100*	252,100*	241,400*	241,400*	230,600*	230,600*	218,000*	218,000*	20
22	67.2	46.9	229,500*	229,500*	219,700*	219,700*	208,600*	208,600*	195,700*	195,700*	22
24	64.1	45.8	210,400*	210,400*	200,900*	200,900*	189,100*	189,100*	177,300*	177,300*	24
26	61.0	44.6	194,100*	194,100*	183,500*	183,500*	172,700*	172,700*	161,900*	161,900*	26
28	57.7	43.3	178,800*	178,800*	168,800*	168,800*	158,800*	158,800*	148,800*	148,800*	28
30	54.2	41.8	165,400*	165,400*	156,100*	156,100*	146,800*	146,800*	136,700*	137,500*	30
32	50.6	40.0	153,700*	153,700*	145,000*	145,000*	136,300*	136,300*	122,000*	127,600*	32
34	46.8	38.1	143,400*	143,400*	135,200*	135,200*	127,100*	127,100*	109,900*	118,900*	34
36	42.7	35.8	134,300*	134,300*	126,600*	126,600*	117,100*	118,900*	99,700*	111,200*	36
38	38.2	33.2	126,100*	126,100*	118,800*	118,800*	107,100*	111,600*	91,000*	104,300*	38
40	33.1	30.0	118,800*	118,800*	111,900*	111,900*	98,400*	105,000*	83,400*	98,100*	40
45	12.7	16.0	98,100*	98,100*	93,500*	96,900*	80,800*	90,800*	68,000*	84,700*	45

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements


42.5 Ft. Boom


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
12	81.6	50.3	341,000*	341,000*	323,800*	323,800*	313,400*	313,400*	12
13	80.2	50.1	316,500*	316,500*	300,600*	300,600*	290,900*	290,900*	13
14	78.8	49.8	295,300*	295,300*	280,300*	280,300*	271,300*	271,300*	14
15	77.4	49.6	276,600*	276,600*	262,600*	262,600*	251,200*	251,200*	15
16	76.0	49.3	260,000*	260,000*	244,400*	244,400*	233,300*	233,300*	16
17	74.6	48.9	245,000*	245,000*	228,000*	228,000*	217,700*	217,700*	17
18	73.1	48.6	229,600*	229,600*	213,600*	213,600*	203,900*	203,900*	18
19	71.7	48.2	216,000*	216,000*	200,900*	200,900*	191,700*	191,700*	19
20	70.2	47.8	203,700*	203,700*	189,500*	189,500*	180,800*	180,800*	20
22	67.2	46.9	182,800*	182,800*	169,600	169,900*	145,000	162,100*	22
24	64.1	45.8	165,600*	165,600*	140,500	153,800*	119,800	146,700*	24
26	61.0	44.6	148,700	151,100*	119,400	140,300*	101,500	133,700*	26
28	57.7	43.3	129,100	138,800*	103,300	128,800*	87,600	122,700*	28
30	54.2	41.8	113,700	128,100*	90,600	118,800*	76,600	113,200*	30
32	50.6	40.0	101,200	118,900*	80,400	110,200*	67,700	104,900*	32
34	46.8	38.1	90,900	110,700*	71,900	102,500*	60,400	97,600*	34
36	42.7	35.8	82,200	103,500*	64,800	95,800*	54,200	91,100*	36
38	38.2	33.2	74,800	97,000*	58,700	89,700*	48,900	85,300*	38
40	33.1	30.0	68,400	91,100*	53,400	84,200*	44,200	80,000*	40
45	12.7	16.0	55,200	78,500*	42,400	72,400*	34,600	67,000	45

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

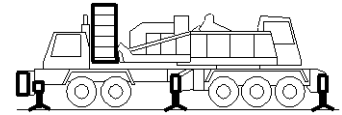
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

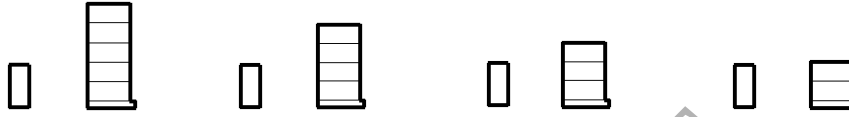
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



60 Ft. Boom

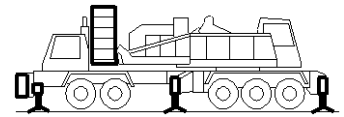


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear 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	364,000*	364,000*							13
14	82.2	68.2	353,700*	353,700*	338,900*	338,900*	324,000*	324,000*	309,100*	309,100*	14
15	81.3	68.0	331,600*	331,600*	317,600*	317,600*	303,500*	303,500*	289,500*	289,500*	15
16	80.3	67.8	311,800*	311,800*	298,600*	298,600*	285,400*	285,400*	272,200*	272,200*	16
17	79.3	67.6	294,300*	294,300*	281,800*	281,800*	269,300*	269,300*	256,800*	256,800*	17
18	78.3	67.4	278,500*	278,500*	266,600*	266,600*	254,800*	254,800*	242,900*	242,900*	18
19	77.3	67.1	264,200*	264,200*	253,000*	253,000*	241,700*	241,700*	230,400*	230,400*	19
20	76.4	66.8	251,300*	251,300*	240,600*	240,600*	229,800*	229,800*	217,600*	217,600*	20
22	74.4	66.2	228,800*	228,800*	218,900*	218,900*	208,300*	208,300*	195,400*	195,400*	22
24	72.3	65.5	209,800*	209,800*	200,600*	200,600*	188,800*	188,800*	177,000*	177,000*	24
26	70.3	64.8	193,500*	193,500*	183,300*	183,300*	172,500*	172,500*	161,600*	161,600*	26
28	68.2	63.9	178,600*	178,600*	168,600*	168,600*	158,600*	158,600*	148,600*	148,600*	28
30	66.1	63.0	165,200*	165,200*	155,900*	155,900*	146,600*	146,600*	137,300*	137,300*	30
32	64.0	61.9	153,600*	153,600*	144,900*	144,900*	136,200*	136,200*	123,800*	123,800*	32
34	61.8	60.8	143,400*	143,400*	135,200*	135,200*	127,000*	127,000*	111,500*	111,500*	34
36	59.5	59.6	134,300*	134,300*	126,600*	126,600*	118,700*	118,900*	101,300*	111,200*	36
38	57.2	58.2	126,200*	126,200*	119,000*	119,000*	108,700*	111,700*	92,600*	104,400*	38
40	54.9	56.8	119,000*	119,000*	112,100*	112,100*	100,100*	105,200*	85,100*	98,300*	40
45	48.6	52.5	103,700*	103,700*	95,700*	97,600*	83,000*	91,500*	70,200*	85,400*	45
50	41.6	47.1	91,600*	91,600*	81,300*	86,100*	70,200*	80,600*	59,100*	75,100*	50
55	33.3	40.0	79,900*	81,600*	70,100*	76,600*	60,300*	71,600*	50,400*	66,700*	55
60	22.1	29.4	69,900*	73,200*	61,000*	68,600*	52,200*	64,100*	43,400*	59,500*	60

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



60 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
14	82.2	68.2	294,200*	294,200*	279,300*	279,300*	270,200*	270,200*	14
15	81.3	68.0	275,500*	275,500*	261,500*	261,500*	250,700*	250,700*	15
16	80.3	67.8	259,000*	259,000*	243,900*	243,900*	232,800*	232,800*	16
17	79.3	67.6	244,300*	244,300*	227,600*	227,600*	217,200*	217,200*	17
18	78.3	67.4	229,200*	229,200*	213,200*	213,200*	203,500*	203,500*	18
19	77.3	67.1	215,500*	215,500*	200,500*	200,500*	191,300*	191,300*	19
20	76.4	66.8	203,300*	203,300*	189,100*	189,100*	180,400*	180,400*	20
22	74.4	66.2	182,500*	182,500*	169,600*	169,600*	148,000	161,700*	22
24	72.3	65.5	165,300*	165,300*	143,100	153,500*	122,400	146,300*	24
26	70.3	64.8	150,800*	150,800*	121,600	140,000*	103,800	133,400*	26
28	68.2	63.9	131,100	138,500*	105,300	128,500*	89,600	122,500*	28
30	66.1	63.0	115,500	128,000*	92,500	118,700*	78,500	113,000*	30
32	64.0	61.9	102,900	118,800*	82,100	110,100*	69,500	104,800*	32
34	61.8	60.8	92,600	110,700*	73,600	102,500*	62,000	97,500*	34
36	59.5	59.6	83,900	103,500*	66,400	95,800*	55,800	91,100*	36
38	57.2	58.2	76,500	97,100*	60,300	89,800*	50,500	85,400*	38
40	54.9	56.8	70,100	91,400*	55,100	84,500*	45,900	80,300*	40
45	48.6	52.5	57,400	79,300*	44,600	73,200*	36,900	69,200	45
50	41.6	47.1	47,900	69,600*	36,800	64,100*	30,000	58,200	50
55	33.3	40.0	40,600	61,700*	30,700	55,600	24,700	49,600	55
60	22.1	29.4	34,500	55,000*	25,700	48,000	20,300	42,600	60

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

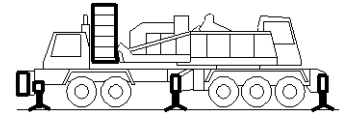
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



70 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
15	82.5	78.2	296,300*	296,300*	296,300*	296,300*	296,300*	296,300*	290,300*	290,300*	15
16	81.7	78.0	294,300*	294,300*	294,300*	294,300*	286,200*	286,200*	273,000*	273,000*	16
17	80.9	77.8	292,400*	292,400*	282,500*	282,500*	270,000*	270,000*	257,600*	257,600*	17
18	80.0	77.6	279,300*	279,300*	267,400*	267,400*	255,600*	255,600*	243,700*	243,700*	18
19	79.2	77.4	265,000*	265,000*	253,800*	253,800*	242,500*	242,500*	231,200*	231,200*	19
20	78.4	77.2	252,100*	252,100*	241,400*	241,400*	230,600*	230,600*	218,600*	218,600*	20
22	76.7	76.6	229,600*	229,600*	219,800*	219,800*	209,300*	209,300*	196,400*	196,400*	22
24	75.0	76.1	210,600*	210,600*	201,600*	201,600*	189,800*	189,800*	178,000*	178,000*	24
26	73.2	75.4	194,000*	194,000*	184,300*	184,300*	173,500*	173,500*	162,600*	162,600*	26
28	71.5	74.7	179,600*	179,600*	169,600*	169,600*	159,600*	159,600*	149,600*	149,600*	28
30	69.7	73.9	166,200*	166,200*	156,900*	156,900*	147,600*	147,600*	138,300*	138,300*	30
32	68.0	73.1	154,600*	154,600*	145,900*	145,900*	137,200*	137,200*	125,600	128,500*	32
34	66.2	72.1	144,400*	144,400*	136,200*	136,200*	128,100*	128,100*	113,300	119,900*	34
36	64.3	71.1	135,400*	135,400*	127,700*	127,700*	120,000*	120,000*	103,100	112,300*	36
38	62.5	70.0	127,300*	127,300*	120,000*	120,000*	110,500	112,700*	94,300	105,500*	38
40	60.6	68.9	120,100*	120,100*	113,200*	113,200*	101,800	106,300*	86,800	99,400*	40
45	55.6	65.5	104,900*	104,900*	97,400	98,800*	84,600	92,700*	71,900	86,500*	45
50	50.4	61.5	92,800*	92,800*	83,000	87,300*	71,900	81,800*	60,800	76,300*	50
55	44.6	56.6	81,700	82,900*	71,900	77,900*	62,000	72,900*	52,200	68,000*	55
60	38.2	50.5	71,800	74,600*	63,000	70,100*	54,100	65,500*	45,300	61,000*	60
65	30.6	42.6	63,700	67,600*	55,600	63,400*	47,600	59,200*	39,600	55,000*	65
70	20.3	31.1	56,800	61,600*	49,400	57,700*	42,100	53,800*	34,800	49,900*	70

Liftcrane Boom Capacities

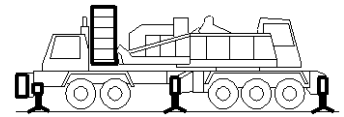
Boom No. 78T With Heavy Lift Top

0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



70 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
15	82.5	78.2	276,300*	276,300*	262,300*	262,300*	251,700*	251,700*	15
16	81.7	78.0	259,800*	259,800*	244,800*	244,800*	233,800*	233,800*	16
17	80.9	77.8	245,100*	245,100*	228,500*	228,500*	218,200*	218,200*	17
18	80.0	77.6	230,200*	230,200*	214,200*	214,200*	204,500*	204,500*	18
19	79.2	77.4	216,500*	216,500*	201,400*	201,400*	192,300*	192,300*	19
20	78.4	77.2	204,300*	204,300*	190,000*	190,000*	181,400*	181,400*	20
22	76.7	76.6	183,500*	183,500*	170,600*	170,600*	150,400	162,700*	22
24	75.0	76.1	166,300*	166,300*	145,300	154,500*	124,600	147,300*	24
26	73.2	75.4	151,800*	151,800*	123,700	141,000*	105,800	134,400*	26
28	71.5	74.7	133,100	139,600*	107,300	129,600*	91,600	123,500*	28
30	69.7	73.9	117,400	129,000*	94,400	119,700*	80,300	114,000*	30
32	68.0	73.1	104,800	119,800*	84,000	111,100*	71,300	105,800*	32
34	66.2	72.1	94,400	111,700*	75,400	103,500*	63,800	98,600*	34
36	64.3	71.1	85,600	104,600*	68,200	96,900*	57,600	92,200*	36
38	62.5	70.0	78,200	98,200*	62,100	90,900*	52,200	86,500*	38
40	60.6	68.9	71,800	92,500*	56,800	85,500*	47,700	81,300*	40
45	55.6	65.5	59,100	80,400*	46,300	74,300*	38,500	70,600*	45
50	50.4	61.5	49,600	70,800*	38,500	65,300*	31,700	59,900	50
55	44.6	56.6	42,300	63,000*	32,500	57,400	26,500	51,300	55
60	38.2	50.5	36,400	56,400*	27,600	50,000	22,200	44,500	60
65	30.6	42.6	31,600	50,900*	23,600	43,800	18,700	38,900	65
70	20.3	31.1	27,500	46,000*	20,100	38,600	15,700	34,100	70

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

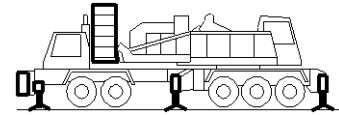
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

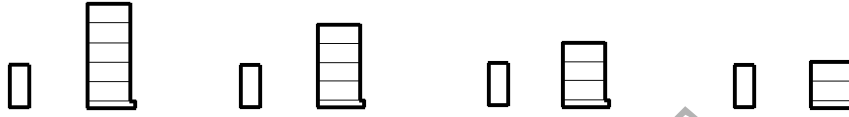
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



80 Ft. Boom

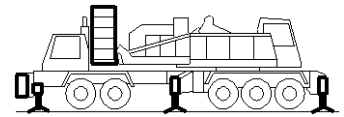


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
16	82.7	88.1	280,600*	280,600*	280,600*	280,600*	280,600*	280,600*	272,800*	272,800*	16
17	82.0	88.0	278,500*	278,500*	278,500*	278,500*	269,900*	269,900*	257,400*	257,400*	17
18	81.3	87.8	276,500*	276,500*	267,200*	267,200*	255,400*	255,400*	243,500*	243,500*	18
19	80.6	87.6	264,900*	264,900*	253,600*	253,600*	242,300*	242,300*	231,100*	231,100*	19
20	79.8	87.4	252,000*	252,000*	241,200*	241,200*	230,500*	230,500*	218,600*	218,600*	20
22	78.4	87.0	229,400*	229,400*	219,600*	219,600*	209,300*	209,300*	196,400*	196,400*	22
24	76.9	86.4	210,500*	210,500*	201,400*	201,400*	189,800*	189,800*	178,000*	178,000*	24
26	75.4	85.9	194,300*	194,300*	184,300*	184,300*	173,400*	173,400*	162,600*	162,600*	26
28	73.9	85.3	179,600*	179,600*	169,600*	169,600*	159,600*	159,600*	149,600*	149,600*	28
30	72.4	84.6	166,200*	166,200*	156,900*	156,900*	147,600*	147,600*	138,300*	138,300*	30
32	70.9	83.9	154,600*	154,600*	145,900*	145,900*	137,200*	137,200*	126,200	128,500*	32
34	69.3	83.1	144,400*	144,400*	136,200*	136,200*	128,000*	128,000*	113,900	119,900*	34
36	67.8	82.2	135,400*	135,400*	127,700*	127,700*	120,000*	120,000*	103,600	112,300*	36
38	66.2	81.3	127,300*	127,300*	120,000*	120,000*	110,900	112,700*	94,800	105,500*	38
40	64.6	80.3	120,100*	120,100*	113,200*	113,200*	102,300	106,300*	87,300	99,400*	40
45	60.5	77.5	104,900*	104,900*	97,800	98,800*	85,100	92,700*	72,300	86,500*	45
50	56.2	74.2	92,800*	92,800*	83,400	87,300*	72,300	81,800*	61,200	76,300*	50
55	51.7	70.3	82,100	83,000*	72,300	78,000*	62,400	73,000*	52,600	68,000*	55
60	46.8	65.8	72,200	74,800*	63,400	70,200*	54,500	65,600*	45,700	61,100*	60
65	41.5	60.3	64,100	67,800*	56,100	63,600*	48,100	59,400*	40,100	55,200*	65
70	35.5	53.6	57,400	61,900*	50,000	58,000*	42,700	54,100*	35,400	50,200*	70
75	28.4	45.0	51,600	56,700*	44,900	53,000*	38,100	49,400*	31,400	45,800*	75
80	18.8	32.6	46,600	52,000*	40,400	48,600*	34,100	45,200*	27,800	41,800*	80

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



80 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
16	82.7	88.1	259,600*	259,600*	244,900*	244,900*	233,800*	233,800*	16
17	82.0	88.0	244,900*	244,900*	228,600*	228,600*	218,200*	218,200*	17
18	81.3	87.8	230,200*	230,200*	214,200*	214,200*	204,500*	204,500*	18
19	80.6	87.6	216,500*	216,500*	201,400*	201,400*	192,300*	192,300*	19
20	79.8	87.4	204,300*	204,300*	190,000*	190,000*	181,400*	181,400*	20
22	78.4	87.0	183,500*	183,500*	170,600*	170,600*	151,600	162,700*	22
24	76.9	86.4	166,200*	166,200*	146,300	154,500*	125,600	147,300*	24
26	75.4	85.9	151,800*	151,800*	124,600	141,000*	106,700	134,400*	26
28	73.9	85.3	133,800	139,500*	108,000	129,500*	92,300	123,500*	28
30	72.4	84.6	118,100	129,000*	95,100	119,700*	81,000	114,000*	30
32	70.9	83.9	105,400	119,800*	84,600	111,100*	71,900	105,800*	32
34	69.3	83.1	94,900	111,700*	75,900	103,500*	64,400	98,600*	34
36	67.8	82.2	86,100	104,600*	68,700	96,800*	58,100	92,200*	36
38	66.2	81.3	78,700	98,200*	62,500	90,900*	52,700	86,500*	38
40	64.6	80.3	72,200	92,500*	57,200	85,500*	48,100	81,300*	40
45	60.5	77.5	59,500	80,400*	46,700	74,300*	38,900	70,600*	45
50	56.2	74.2	50,000	70,900*	38,900	65,400*	32,100	60,300	50
55	51.7	70.3	42,700	63,000*	32,900	57,800	26,900	51,700	55
60	46.8	65.8	36,900	56,500*	28,000	50,400	22,600	44,900	60
65	41.5	60.3	32,100	51,000*	24,100	44,300	19,200	39,400	65
70	35.5	53.6	28,100	46,300*	20,700	39,200	16,300	34,700	70
75	28.4	45.0	24,600	41,700	17,900	34,900	13,700	30,800	75
80	18.8	32.6	21,600	37,400	15,300	31,100	11,500	27,300	80

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

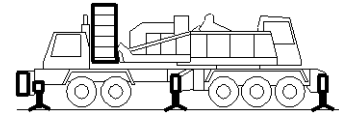
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

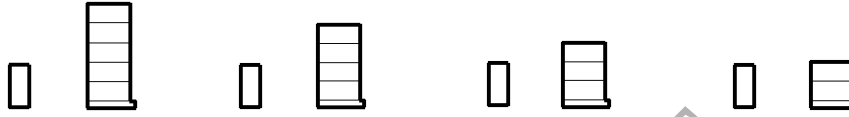
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



90 Ft. Boom

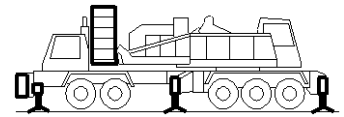


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
17	82.9	98.1	273,700*	273,700*	273,700*	273,700*	269,700*	269,700*	257,200*	257,200*	17
18	82.3	97.9	265,300*	265,300*	265,300*	265,300*	255,200*	255,200*	243,400*	243,400*	18
19	81.6	97.8	256,200*	256,200*	253,400*	253,400*	242,200*	242,200*	230,900*	230,900*	19
20	81.0	97.6	247,500*	247,500*	241,100*	241,100*	230,300*	230,300*	218,600*	218,600*	20
22	79.7	97.2	229,300*	229,300*	219,500*	219,500*	209,200*	209,200*	196,300*	196,300*	22
24	78.4	96.8	210,300*	210,300*	201,300*	201,300*	189,800*	189,800*	178,000*	178,000*	24
26	77.1	96.3	194,100*	194,100*	184,200*	184,200*	173,400*	173,400*	162,600*	162,600*	26
28	75.7	95.7	179,500*	179,500*	169,500*	169,500*	159,500*	159,500*	149,500*	149,500*	28
30	74.4	95.1	166,200*	166,200*	156,900*	156,900*	147,600*	147,600*	138,300*	138,300*	30
32	73.1	94.5	154,600*	154,600*	145,900*	145,900*	137,200*	137,200*	126,700*	128,500*	32
34	71.7	93.8	144,400*	144,400*	136,200*	136,200*	128,000*	128,000*	114,300	119,800*	34
36	70.4	93.0	135,300*	135,300*	127,600*	127,600*	119,900*	119,900*	104,000	112,200*	36
38	69.0	92.2	127,300*	127,300*	120,000*	120,000*	111,300	112,700*	95,200	105,400*	38
40	67.6	91.4	120,100*	120,100*	113,200*	113,200*	102,600	106,200*	87,600	99,300*	40
45	64.1	89.0	104,900*	104,900*	98,100	98,800*	85,400	92,700*	72,600	86,500*	45
50	60.4	86.2	92,800*	92,800*	83,700	87,300*	72,600	81,800*	61,400	76,300*	50
55	56.6	82.9	82,400	83,000*	72,500	78,000*	62,700	73,000*	52,800	68,000*	55
60	52.7	79.2	72,500	74,800*	63,600	70,200*	54,800	65,700*	46,000	61,100*	60
65	48.5	74.8	64,400	67,900*	56,400	63,700*	48,400	59,500*	40,400	55,300*	65
70	43.9	69.8	57,700	62,000*	50,400	58,100*	43,000	54,200*	35,700	50,300*	70
75	39.0	63.8	52,000	56,800*	45,200	53,200*	38,500	49,600*	31,700	45,900*	75
80	33.4	56.6	47,100	52,300*	40,900	48,900*	34,600	45,500*	28,300	42,100*	80
85	26.7	47.3	42,800	48,300*	37,000	45,100*	31,200	41,900*	25,300	38,700*	85
90	17.6	34.1	39,000	44,700*	33,600	41,600*	28,100	38,600*	22,600	35,600*	90

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



90 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
17	82.9	98.1	244,700*	244,700*	228,500*	228,500*	218,200*	218,200*	17
18	82.3	97.9	230,200*	230,200*	214,200*	214,200*	204,500*	204,500*	18
19	81.6	97.8	216,500*	216,500*	201,400*	201,400*	192,300*	192,300*	19
20	81.0	97.6	204,300*	204,300*	190,000*	190,000*	181,300*	181,300*	20
22	79.7	97.2	183,400*	183,400*	170,500*	170,500*	152,600	162,700*	22
24	78.4	96.8	166,200*	166,200*	147,100	154,500*	126,400	147,300*	24
26	77.1	96.3	151,800*	151,800*	125,300	141,000*	107,400	134,400*	26
28	75.7	95.7	134,500	139,500*	108,600	129,500*	92,900	123,400*	28
30	74.4	95.1	118,600	128,900*	95,600	119,600*	81,600	114,000*	30
32	73.1	94.5	105,900	119,800*	85,100	111,000*	72,400	105,800*	32
34	71.7	93.8	95,400	111,700*	76,400	103,500*	64,800	98,500*	34
36	70.4	93.0	86,500	104,500*	69,100	96,800*	58,500	92,100*	36
38	69.0	92.2	79,100	98,200*	62,900	90,900*	53,100	86,400*	38
40	67.6	91.4	72,600	92,400*	57,600	85,500*	48,500	81,300*	40
45	64.1	89.0	59,800	80,400*	47,000	74,300*	39,300	70,600*	45
50	60.4	86.2	50,300	70,900*	39,200	65,400*	32,400	60,600	50
55	56.6	82.9	43,000	63,100*	33,100	58,100	27,100	52,000	55
60	52.7	79.2	37,100	56,600*	28,300	50,600	22,900	45,200	60
65	48.5	74.8	32,400	51,100*	24,300	44,600	19,500	39,700	65
70	43.9	69.8	28,400	46,400*	21,000	39,500	16,600	35,000	70
75	39.0	63.8	25,000	42,100	18,200	35,300	14,100	31,100	75
80	33.4	56.6	22,100	37,900	15,800	31,600	12,000	27,800	80
85	26.7	47.3	19,500	34,300	13,700	28,400	10,100	24,800	85
90	17.6	34.1	17,200	31,000	11,700	25,500	8,400	22,100	90

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

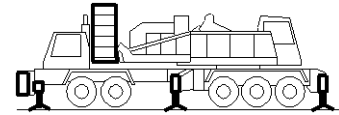
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



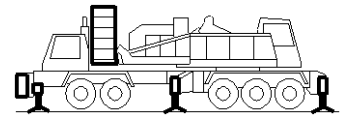
100 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
18	83.0	108.1	241,200*	241,200*	241,200*	241,200*	241,200*	241,200*	241,200*	241,200*	18
19	82.5	107.9	233,200*	233,200*	233,200*	233,200*	233,200*	233,200*	230,600*	230,600*	19
20	81.9	107.7	225,800*	225,800*	225,800*	225,800*	225,800*	225,800*	218,400*	218,400*	20
22	80.7	107.4	211,900*	211,900*	211,900*	211,900*	209,000*	209,000*	196,100*	196,100*	22
24	79.6	107.0	199,600*	199,600*	199,600*	199,600*	189,500*	189,500*	177,800*	177,800*	24
26	78.4	106.5	188,700*	188,700*	184,000*	184,000*	173,200*	173,200*	162,400*	162,400*	26
28	77.2	106.1	178,700*	178,700*	169,300*	169,300*	159,300*	159,300*	149,300*	149,300*	28
30	76.0	105.5	166,000*	166,000*	156,700*	156,700*	147,300*	147,300*	138,000*	138,000*	30
32	74.8	105.0	154,300*	154,300*	145,600*	145,600*	136,900*	136,900*	127,000*	128,200*	32
34	73.6	104.3	144,100*	144,100*	136,000*	136,000*	127,800*	127,800*	114,600*	119,600*	34
36	72.4	103.7	135,100*	135,100*	127,400*	127,400*	119,700*	119,700*	104,200*	112,000*	36
38	71.2	103.0	127,100*	127,100*	119,800*	119,800*	111,500*	112,500*	95,300*	105,200*	38
40	70.0	102.2	119,800*	119,800*	112,900*	112,900*	102,700*	106,000*	87,700*	99,100*	40
45	66.9	100.1	104,700*	104,700*	98,200*	98,500*	85,400*	92,400*	72,700*	86,300*	45
50	63.7	97.6	92,600*	92,600*	83,700*	87,100*	72,600*	81,600*	61,500*	76,100*	50
55	60.4	94.8	82,400*	82,800*	72,500*	77,800*	62,700*	72,800*	52,800*	67,800*	55
60	57.0	91.6	72,500*	74,600*	63,600*	70,000*	54,800*	65,500*	46,000*	60,900*	60
65	53.4	88.0	64,400*	67,700*	56,400*	63,500*	48,400*	59,300*	40,400*	55,100*	65
70	49.7	83.8	57,700*	61,800*	50,400*	57,900*	43,000*	54,000*	35,700*	50,100*	70
75	45.8	79.0	52,000*	56,700*	45,300*	53,000*	38,500*	49,400*	31,800*	45,800*	75
80	41.5	73.5	47,200*	52,200*	40,900*	48,800*	34,600*	45,400*	28,400*	42,000*	80
85	36.8	67.1	42,900*	48,200*	37,100*	45,000*	31,300*	41,800*	25,400*	38,600*	85
90	31.5	59.3	39,200*	44,700*	33,800*	41,700*	28,300*	38,700*	22,800*	35,600*	90
95	25.2	49.5	35,900*	41,500*	30,800*	38,600*	25,600*	35,800*	20,500*	32,900*	95
100	16.6	35.4	32,900*	38,600*	28,100*	35,800*	23,200*	33,100*	18,300*	30,400*	100

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



100 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
18	83.0	108.1	230,000*	230,000*	214,000*	214,000*	204,300*	204,300*	18
19	82.5	107.9	216,300*	216,300*	201,200*	201,200*	192,100*	192,100*	19
20	81.9	107.7	204,100*	204,100*	189,800*	189,800*	181,200*	181,200*	20
22	80.7	107.4	183,200*	183,200*	170,300*	170,300*	153,400	162,500*	22
24	79.6	107.0	166,000*	166,000*	147,700	154,200*	127,000	147,100*	24
26	78.4	106.5	151,600*	151,600*	125,800	140,800*	107,900	134,200*	26
28	77.2	106.1	134,900	139,300*	109,100	129,300*	93,300	123,200*	28
30	76.0	105.5	119,000	128,700*	95,900	119,400*	81,900	113,800*	30
32	74.8	105.0	106,100	119,500*	85,300	110,800*	72,700	105,500*	32
34	73.6	104.3	95,600	111,400*	76,600	103,300*	65,100	98,300*	34
36	72.4	103.7	86,700	104,300*	69,300	96,600*	58,700	91,900*	36
38	71.2	103.0	79,200	97,900*	63,100	90,600*	53,300	86,200*	38
40	70.0	102.2	72,700	92,200*	57,700	85,300*	48,600	81,100*	40
45	66.9	100.1	59,900	80,200*	47,100	74,100*	39,300	70,400*	45
50	63.7	97.6	50,400	70,600*	39,200	65,100*	32,500	60,600	50
55	60.4	94.8	43,000	62,800*	33,100	57,900*	27,100	52,000	55
60	57.0	91.6	37,100	56,400*	28,300	50,700	22,900	45,200	60
65	53.4	88.0	32,400	50,900*	24,300	44,600	19,500	39,700	65
70	49.7	83.8	28,400	46,200*	21,000	39,600	16,600	35,100	70
75	45.8	79.0	25,000	42,100	18,200	35,300	14,100	31,100	75
80	41.5	73.5	22,100	38,000	15,800	31,600	12,000	27,800	80
85	36.8	67.1	19,600	34,300	13,700	28,500	10,200	24,900	85
90	31.5	59.3	17,400	31,200	11,900	25,700	8,600	22,300	90
95	25.2	49.5	15,400	28,300	10,200	23,200	7,100	20,000	95
100	16.6	35.4	13,500	25,800	8,600	20,900	5,700	17,900	100

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

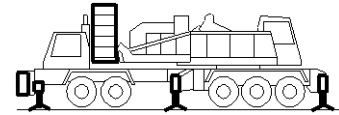
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



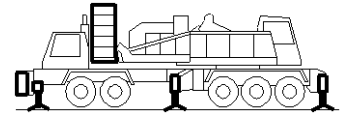
110 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
20	82.6	117.9	208,800*	208,800*	208,800*	208,800*	208,800*	208,800*	208,800*	208,800*	20
22	81.6	117.5	196,700*	196,700*	196,700*	196,700*	196,700*	196,700*	196,000*	196,000*	22
24	80.5	117.2	185,800*	185,800*	185,800*	185,800*	185,800*	185,800*	177,600*	177,600*	24
26	79.5	116.8	176,000*	176,000*	176,000*	176,000*	173,100*	173,100*	162,300*	162,300*	26
28	78.4	116.3	167,000*	167,000*	167,000*	167,000*	159,200*	159,200*	149,200*	149,200*	28
30	77.3	115.9	158,800*	158,800*	156,500*	156,500*	147,200*	147,200*	137,900*	137,900*	30
32	76.2	115.4	151,300*	151,300*	145,500*	145,500*	136,800*	136,800*	127,200	128,100*	32
34	75.2	114.8	144,000*	144,000*	135,800*	135,800*	127,700*	127,700*	114,800	119,500*	34
36	74.1	114.2	135,000*	135,000*	127,300*	127,300*	119,600*	119,600*	104,400	111,900*	36
38	73.0	113.6	126,900*	126,900*	119,600*	119,600*	111,600	112,400*	95,500	105,100*	38
40	71.9	112.9	119,700*	119,700*	112,800*	112,800*	102,900	105,900*	87,900	99,000*	40
45	69.1	111.0	104,500*	104,500*	98,300	98,400*	85,500	92,300*	72,800	86,200*	45
50	66.3	108.8	92,500*	92,500*	83,800	87,000*	72,700	81,500*	61,600	76,000*	50
55	63.3	106.3	82,500	82,600*	72,600	77,700*	62,800	72,700*	52,900	67,700*	55
60	60.4	103.5	72,500	74,500*	63,700	69,900*	54,900	65,400*	46,000	60,800*	60
65	57.3	100.3	64,400	67,600*	56,400	63,400*	48,400	59,200*	40,400	55,000*	65
70	54.1	96.7	57,700	61,700*	50,400	57,800*	43,100	53,900*	35,700	50,000*	70
75	50.7	92.7	52,100	56,600*	45,300	52,900*	38,600	49,300*	31,800	45,700*	75
80	47.2	88.2	47,200	52,100*	40,900	48,700*	34,700	45,300*	28,400	41,900*	80
85	43.5	83.0	43,000	48,200*	37,200	45,000*	31,300	41,800*	25,500	38,600*	85
90	39.4	77.1	39,300	44,700*	33,800	41,600*	28,400	38,600*	22,900	35,600*	90
95	35.0	70.2	36,000	41,500*	30,900	38,700*	25,800	35,800*	20,600	32,900*	95
100	30.0	61.9	33,100	38,700*	28,300	35,900*	23,400	33,200*	18,600	30,500*	100
105	24.0	51.6	30,500	36,100*	25,900	33,500*	21,300	30,900*	16,700	28,300*	105
110	15.8	36.7	28,100	33,600*	23,700	31,200*	19,300	28,700*	15,000	26,000	110

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



110 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
20	82.6	117.9	204,000*	204,000*	189,700*	189,700*	181,000*	181,000*	20
22	81.6	117.5	183,100*	183,100*	170,200*	170,200*	154,000	162,400*	22
24	80.5	117.2	165,900*	165,900*	148,300	154,100*	127,600	147,000*	24
26	79.5	116.8	151,400*	151,400*	126,200	140,600*	108,300	134,100*	26
28	78.4	116.3	135,200	139,200*	109,400	129,200*	93,700	123,100*	28
30	77.3	115.9	119,300	128,600*	96,200	119,300*	82,200	113,600*	30
32	76.2	115.4	106,400	119,400*	85,600	110,700*	72,900	105,400*	32
34	75.2	114.8	95,800	111,300*	76,800	103,100*	65,300	98,200*	34
36	74.1	114.2	86,900	104,200*	69,500	96,500*	58,900	91,800*	36
38	73.0	113.6	79,400	97,800*	63,200	90,500*	53,400	86,100*	38
40	71.9	112.9	72,900	92,100*	57,900	85,200*	48,700	81,000*	40
45	69.1	111.0	60,000	80,100*	47,200	73,900*	39,400	70,200*	45
50	66.3	108.8	50,400	70,500*	39,300	65,000*	32,500	60,700	50
55	63.3	106.3	43,100	62,700*	33,200	57,700*	27,200	52,100	55
60	60.4	103.5	37,200	56,200*	28,300	50,700	23,000	45,300	60
65	57.3	100.3	32,400	50,800*	24,400	44,600	19,500	39,700	65
70	54.1	96.7	28,400	46,100*	21,100	39,600	16,600	35,100	70
75	50.7	92.7	25,000	42,100*	18,300	35,300	14,200	31,200	75
80	47.2	88.2	22,200	38,000	15,900	31,700	12,100	27,800	80
85	43.5	83.0	19,600	34,400	13,800	28,500	10,200	24,900	85
90	39.4	77.1	17,400	31,300	12,000	25,800	8,600	22,400	90
95	35.0	70.2	15,500	28,500	10,300	23,300	7,200	20,100	95
100	30.0	61.9	13,700	26,000	8,900	21,100	5,900	18,100	100
105	24.0	51.6	12,100	23,700	7,500	19,100	4,700	16,300	105
110	15.8	36.7	10,600	21,600	6,300	17,200	3,600	14,600	110

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

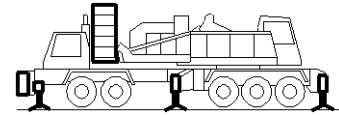
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



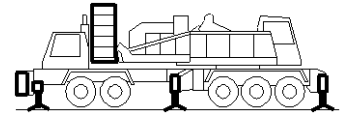
120 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
22	82.3	127.7	189,700*	189,700*	189,700*	189,700*	189,700*	189,700*	189,700*	189,700*	22
24	81.3	127.3	178,900*	178,900*	178,900*	178,900*	178,900*	178,900*	177,800*	177,800*	24
26	80.3	127.0	169,000*	169,000*	169,000*	169,000*	169,000*	169,000*	162,400*	162,400*	26
28	79.4	126.6	160,100*	160,100*	160,100*	160,100*	159,300*	159,300*	149,300*	149,300*	28
30	78.4	126.1	152,000*	152,000*	152,000*	152,000*	147,400*	147,400*	138,100*	138,100*	30
32	77.4	125.7	144,500*	144,500*	144,500*	144,500*	137,000*	137,000*	127,600	128,200*	32
34	76.4	125.2	137,700*	137,700*	136,000*	136,000*	127,800*	127,800*	115,200	119,600*	34
36	75.4	124.6	131,400*	131,400*	127,400*	127,400*	119,700*	119,700*	104,700	112,000*	36
38	74.4	124.0	125,500*	125,500*	119,800*	119,800*	112,000	112,500*	95,900	105,200*	38
40	73.4	123.4	119,900*	119,900*	112,900*	112,900*	103,200	106,000*	88,200	99,100*	40
45	70.9	121.7	104,700*	104,700*	98,600*	98,600*	85,900	92,500*	73,100	86,300*	45
50	68.4	119.7	92,600*	92,600*	84,100	87,100*	73,000	81,600*	61,900	76,200*	50
55	65.7	117.5	82,800	82,800*	72,900	77,800*	63,100	72,800*	53,200	67,900*	55
60	63.1	115.0	72,800	74,600*	64,000	70,100*	55,200	65,500*	46,300	61,000*	60
65	60.3	112.2	64,800	67,800*	56,700	63,600*	48,700	59,400*	40,700	55,200*	65
70	57.5	109.0	58,000	61,900*	50,700	58,000*	43,400	54,100*	36,000	50,200*	70
75	54.6	105.5	52,400	56,800*	45,600	53,100*	38,900	49,500*	32,100	45,900*	75
80	51.6	101.6	47,500	52,300*	41,300	48,900*	35,000	45,500*	28,700	42,100*	80
85	48.4	97.2	43,300	48,400*	37,500	45,200*	31,600	42,000*	25,800	38,800*	85
90	45.0	92.3	39,600	44,900*	34,200	41,900*	28,700	38,900*	23,200	35,800*	90
95	41.5	86.8	36,400	41,800*	31,300	38,900*	26,100	36,100*	21,000	33,200*	95
100	37.6	80.5	33,500	38,900*	28,700	36,200*	23,800	33,500*	19,000	30,800*	100
105	33.4	73.1	30,900	36,400*	26,300	33,800*	21,700	31,200*	17,100	28,600*	105
110	28.6	64.4	28,600	34,000*	24,200	31,600*	19,800	29,100*	15,500	26,500	110
115	22.9	53.5	26,400	31,900*	22,300	29,500*	18,100	27,200*	14,000	24,500	115
120	15.1	38.0	24,400	29,800*	20,400	27,600*	16,500	25,300*	12,500	22,500	120

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



120 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
22	82.3	127.7	183,300*	183,300*	170,400*	170,400*	154,700	162,500*	22
24	81.3	127.3	166,000*	166,000*	148,900	154,300*	128,200	147,100*	24
26	80.3	127.0	151,600*	151,600*	126,700	140,800*	108,900	134,200*	26
28	79.4	126.6	135,700	139,300*	109,900	129,300*	94,200	123,200*	28
30	78.4	126.1	119,700	128,700*	96,700	119,400*	82,600	113,800*	30
32	77.4	125.7	106,800	119,500*	86,000	110,800*	73,300	105,500*	32
34	76.4	125.2	96,200	111,500*	77,200	103,300*	65,700	98,300*	34
36	75.4	124.6	87,300	104,300*	69,900	96,600*	59,300	91,900*	36
38	74.4	124.0	79,700	97,900*	63,600	90,700*	53,800	86,200*	38
40	73.4	123.4	73,200	92,200*	58,200	85,300*	49,100	81,100*	40
45	70.9	121.7	60,300	80,200*	47,600	74,100*	39,800	70,400*	45
50	68.4	119.7	50,800	70,700*	39,600	65,200*	32,900	61,000	50
55	65.7	117.5	43,400	62,900*	33,500	57,900*	27,500	52,400	55
60	63.1	115.0	37,500	56,400*	28,600	51,000	23,300	45,600	60
65	60.3	112.2	32,700	51,000*	24,700	44,900	19,800	40,000	65
70	57.5	109.0	28,700	46,300*	21,400	39,900	16,900	35,400	70
75	54.6	105.5	25,300	42,300*	18,600	35,600	14,500	31,500	75
80	51.6	101.6	22,500	38,300	16,200	32,000	12,400	28,200	80
85	48.4	97.2	20,000	34,700	14,100	28,900	10,600	25,300	85
90	45.0	92.3	17,800	31,600	12,300	26,100	9,000	22,700	90
95	41.5	86.8	15,800	28,800	10,700	23,700	7,600	20,500	95
100	37.6	80.5	14,100	26,400	9,300	21,500	6,300	18,500	100
105	33.4	73.1	12,500	24,100	8,000	19,500	5,200	16,700	105
110	28.6	64.4	11,100	22,100	6,800	17,700	4,100	15,100	110
115	22.9	53.5	9,800	20,300	5,700	16,100	3,100	13,600	115
120	15.1	38.0	8,600	18,500	4,600	14,600	2,200	12,100	120

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

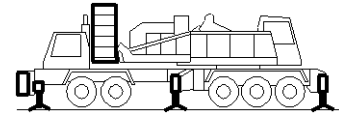
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

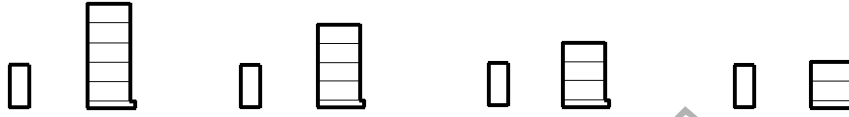
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



130 Ft. Boom

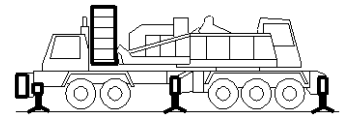


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
22	82.9	137.8	178,100*	178,100*	178,100*	178,100*	178,100*	178,100*	178,100*	178,100*	22
24	82.0	137.5	168,900*	168,900*	168,900*	168,900*	168,900*	168,900*	168,900*	168,900*	24
26	81.1	137.1	160,500*	160,500*	160,500*	160,500*	160,500*	160,500*	160,500*	160,500*	26
28	80.2	136.8	152,700*	152,700*	152,700*	152,700*	152,700*	152,700*	149,000*	149,000*	28
30	79.3	136.4	145,700*	145,700*	145,700*	145,700*	145,700*	145,700*	137,700*	137,700*	30
32	78.4	135.9	139,100*	139,100*	139,100*	139,100*	136,600*	136,600*	127,800	127,900*	32
34	77.5	135.5	133,000*	133,000*	133,000*	133,000*	127,500*	127,500*	115,200	119,300*	34
36	76.6	135.0	126,700*	126,700*	126,700*	126,700*	119,400*	119,400*	104,800	111,700*	36
38	75.7	134.4	120,900*	120,900*	119,400*	119,400*	112,000	112,000*	95,900	104,900*	38
40	74.8	133.9	115,500*	115,500*	112,600*	112,600*	103,200	105,700*	88,200	98,800*	40
45	72.5	132.3	103,700*	103,700*	98,200*	98,200*	85,800	92,100*	73,000	86,000*	45
50	70.1	130.5	92,300*	92,300*	84,000	86,800*	72,900	81,300*	61,800	75,800*	50
55	67.7	128.5	82,500*	82,500*	72,800	77,500*	62,900	72,500*	53,100	67,500*	55
60	65.3	126.2	72,700	74,300*	63,800	69,700*	55,000	65,200*	46,100	60,600*	60
65	62.8	123.6	64,600	67,400*	56,500	63,200*	48,500	59,000*	40,500	54,800*	65
70	60.3	120.8	57,800	61,500*	50,500	57,600*	43,200	53,700*	35,800	49,800*	70
75	57.7	117.7	52,200	56,400*	45,400	52,800*	38,600	49,200*	31,900	45,500*	75
80	55.0	114.2	47,300	52,000*	41,000	48,600*	34,800	45,200*	28,500	41,800*	80
85	52.2	110.4	43,100	48,100*	37,300	44,900*	31,400	41,700*	25,600	38,500*	85
90	49.4	106.2	39,400	44,600*	34,000	41,600*	28,500	38,500*	23,000	35,500*	90
95	46.3	101.5	36,200	41,400*	31,000	38,600*	25,900	35,700*	20,800	32,900*	95
100	43.1	96.2	33,300	38,600*	28,400	35,900*	23,600	33,200*	18,700	30,500*	100
105	39.7	90.3	30,700	36,100*	26,100	33,500*	21,500	30,900*	16,900	28,300*	105
110	36.1	83.7	28,400	33,800*	24,000	31,300*	19,700	28,800*	15,300	26,300	110
115	32.0	76.0	26,300	31,600*	22,100	29,300*	18,000	26,900*	13,800	24,300	115
120	27.4	66.8	24,300	29,700*	20,400	27,400*	16,400	25,200*	12,400	22,500	120
125	21.9	55.4	22,500	27,800*	18,700	25,700*	14,900	23,500*	11,200	20,700	125
130	14.4	39.1	20,800	26,100*	17,200	24,000*	13,600	21,900*	9,900	19,100	130

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



130 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
22	82.9	137.8	178,100*	178,100*	170,100*	170,100*	155,300	162,200*	22
24	82.0	137.5	165,700*	165,700*	149,300	154,000*	128,600	146,800*	24
26	81.1	137.1	151,300*	151,300*	127,000	140,500*	109,200	133,900*	26
28	80.2	136.8	135,900	139,000*	110,100	129,000*	94,400	122,900*	28
30	79.3	136.4	119,900	128,400*	96,800	119,100*	82,800	113,400*	30
32	78.4	135.9	106,900	119,200*	86,100	110,500*	73,400	105,200*	32
34	77.5	135.5	96,300	111,100*	77,300	103,000*	65,700	98,000*	34
36	76.6	135.0	87,300	104,000*	69,900	96,300*	59,300	91,600*	36
38	75.7	134.4	79,700	97,600*	63,600	90,300*	53,800	85,900*	38
40	74.8	133.9	73,200	91,900*	58,200	85,000*	49,100	80,800*	40
45	72.5	132.3	60,200	79,900*	47,500	73,800*	39,700	70,000*	45
50	70.1	130.5	50,600	70,300*	39,500	64,800*	32,700	60,900	50
55	67.7	128.5	43,200	62,500*	33,400	57,600*	27,400	52,300	55
60	65.3	126.2	37,300	56,100*	28,500	50,800	23,100	45,400	60
65	62.8	123.6	32,500	50,600*	24,500	44,800	19,600	39,800	65
70	60.3	120.8	28,500	46,000*	21,200	39,700	16,700	35,200	70
75	57.7	117.7	25,100	41,900*	18,400	35,400	14,300	31,300	75
80	55.0	114.2	22,200	38,100	16,000	31,800	12,200	27,900	80
85	52.2	110.4	19,700	34,500	13,900	28,600	10,300	25,000	85
90	49.4	106.2	17,600	31,400	12,100	25,900	8,800	22,500	90
95	46.3	101.5	15,600	28,600	10,500	23,400	7,300	20,300	95
100	43.1	96.2	13,900	26,200	9,000	21,300	6,100	18,300	100
105	39.7	90.3	12,300	23,900	7,800	19,300	5,000	16,500	105
110	36.1	83.7	10,900	21,900	6,600	17,600	3,900	14,900	110
115	32.0	76.0	9,700	20,100	5,500	16,000	3,000	13,400	115
120	27.4	66.8	8,500	18,500	4,500	14,500	2,100	12,100	120
125	21.9	55.4	7,400	16,900	3,600	13,100		10,800	125
130	14.4	39.1	6,300	15,500	2,700	11,800		9,600	130

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

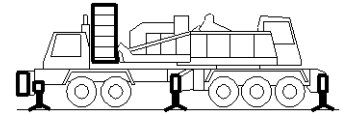
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

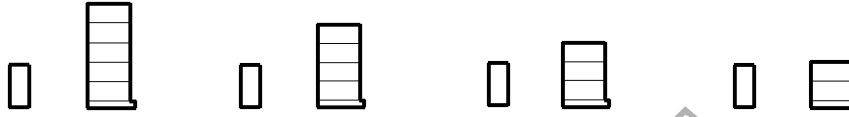
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



140 Ft. Boom

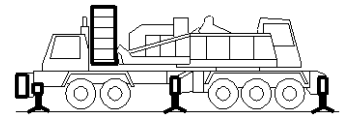


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
24	82.6	147.6	160,600*	160,600*	160,600*	160,600*	160,600*	160,600*	160,600*	160,600*	24
26	81.7	147.3	153,300*	153,300*	153,300*	153,300*	153,300*	153,300*	153,300*	153,300*	26
28	80.9	146.9	145,700*	145,700*	145,700*	145,700*	145,700*	145,700*	145,700*	145,700*	28
30	80.1	146.6	138,700*	138,700*	138,700*	138,700*	138,700*	138,700*	137,400*	137,400*	30
32	79.2	146.2	132,200*	132,200*	132,200*	132,200*	132,200*	132,200*	127,600*	127,600*	32
34	78.4	145.7	126,200*	126,200*	126,200*	126,200*	126,200*	126,200*	115,300	119,000*	34
36	77.6	145.3	120,600*	120,600*	120,600*	120,600*	119,100*	119,100*	104,800	111,400*	36
38	76.7	144.8	115,000*	115,000*	115,000*	115,000*	111,900*	111,900*	95,800	104,600*	38
40	75.9	144.3	109,800*	109,800*	109,800*	109,800*	103,100	105,400*	88,100	98,500*	40
45	73.7	142.8	98,300*	98,300*	97,900*	97,900*	85,700	91,800*	72,900	85,700*	45
50	71.6	141.2	88,700*	88,700*	83,900	86,500*	72,700	81,000*	61,600	75,500*	50
55	69.4	139.3	80,400*	80,400*	72,600	77,200*	62,800	72,200*	52,900	67,200*	55
60	67.2	137.2	72,500	73,200*	63,600	69,400*	54,800	64,900*	46,000	60,300*	60
65	64.9	134.9	64,400	66,900*	56,400	62,900*	48,300	58,700*	40,300	54,500*	65
70	62.6	132.3	57,600	61,200*	50,300	57,300*	43,000	53,400*	35,600	49,500*	70
75	60.3	129.5	52,000	56,100*	45,200	52,500*	38,400	48,900*	31,700	45,200*	75
80	57.9	126.4	47,100	51,700*	40,800	48,300*	34,600	44,900*	28,300	41,500*	80
85	55.4	122.9	42,900	47,800*	37,100	44,600*	31,200	41,400*	25,400	38,200*	85
90	52.8	119.2	39,200	44,300*	33,700	41,300*	28,300	38,200*	22,800	35,200*	90
95	50.2	115.1	36,000	41,200*	30,800	38,300*	25,700	35,500*	20,600	32,600*	95
100	47.4	110.5	33,100	38,400*	28,200	35,600*	23,400	32,900*	18,500	30,200*	100
105	44.5	105.5	30,500	35,700*	25,900	33,200*	21,300	30,700*	16,700	28,100*	105
110	41.5	100.0	28,200	33,300*	23,800	31,000*	19,500	28,600*	15,100	26,100*	110
115	38.2	93.8	26,100	31,000*	21,900	29,000*	17,800	26,700*	13,600	24,100	115
120	34.7	86.8	24,200	28,900*	20,200	27,200*	16,200	24,900*	12,300	22,300	120
125	30.8	78.7	22,400	26,900*	18,600	25,500*	14,800	23,300*	11,000	20,600	125
130	26.4	69.1	20,800	25,100*	17,100	23,900*	13,500	21,800*	9,900	19,100	130
135	21.1	57.2	19,200	23,400*	15,800	22,400*	12,300	20,400*	8,800	17,600	135
140	13.9	40.3	17,800	21,800*	14,400	21,000*	11,100	19,100*	7,700	16,200	140

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



140 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	160,600*	160,600*	149,600	153,700*	128,900	146,500*	24
26	81.7	147.3	151,000*	151,000*	127,300	140,200*	109,400	133,600*	26
28	80.9	146.9	136,100	138,700*	110,300	128,700*	94,600	122,600*	28
30	80.1	146.6	120,000	128,100*	96,900	118,800*	82,900	113,100*	30
32	79.2	146.2	107,000	118,900*	86,200	110,200*	73,500	104,900*	32
34	78.4	145.7	96,300	110,800*	77,300	102,700*	65,800	97,700*	34
36	77.6	145.3	87,300	103,700*	69,900	96,000*	59,300	91,300*	36
38	76.7	144.8	79,700	97,300*	63,600	90,000*	53,700	85,600*	38
40	75.9	144.3	73,100	91,600*	58,100	84,700*	49,000	80,500*	40
45	73.7	142.8	60,100	79,600*	47,400	73,400*	39,600	69,700*	45
50	71.6	141.2	50,500	70,000*	39,400	64,500*	32,600	60,800	50
55	69.4	139.3	43,100	62,200*	33,200	57,200*	27,200	52,100	55
60	67.2	137.2	37,100	55,800*	28,300	50,700	22,900	45,200	60
65	64.9	134.9	32,300	50,300*	24,300	44,600	19,400	39,600	65
70	62.6	132.3	28,300	45,700*	21,000	39,500	16,500	35,000	70
75	60.3	129.5	24,900	41,600*	18,200	35,200	14,100	31,100	75
80	57.9	126.4	22,000	37,900	15,800	31,600	12,000	27,700	80
85	55.4	122.9	19,500	34,300	13,700	28,400	10,100	24,800	85
90	52.8	119.2	17,300	31,200	11,900	25,700	8,500	22,300	90
95	50.2	115.1	15,400	28,400	10,300	23,200	7,100	20,100	95
100	47.4	110.5	13,700	25,900	8,800	21,100	5,900	18,100	100
105	44.5	105.5	12,100	23,700	7,600	19,100	4,800	16,300	105
110	41.5	100.0	10,700	21,800	6,400	17,400	3,700	14,700	110
115	38.2	93.8	9,500	20,000	5,300	15,800	2,800	13,200	115
120	34.7	86.8	8,300	18,300	4,400	14,300	2,000	11,900	120
125	30.8	78.7	7,300	16,800	3,500	13,000		10,700	125
130	26.4	69.1	6,300	15,400	2,600	11,800		9,500	130
135	21.1	57.2	5,300	14,100		10,600		8,500	135
140	13.9	40.3	4,400	12,800		9,500		7,400	140

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

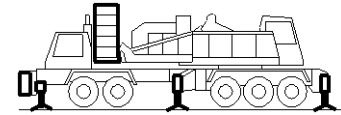
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T

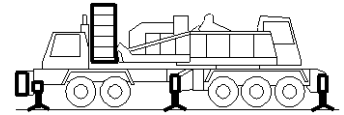


150 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
26	82.3	157.4	161,100*	161,100*	161,100*	161,100*	161,100*	161,100*	161,100*	161,100*	26
28	81.5	157.1	155,100*	155,100*	155,100*	155,100*	155,100*	155,100*	148,200*	148,200*	28
30	80.7	156.7	148,000*	148,000*	148,000*	148,000*	146,200*	146,200*	136,900*	136,900*	30
32	80.0	156.4	138,900*	138,900*	138,900*	138,900*	135,700*	135,700*	127,000*	127,000*	32
34	79.2	156.0	130,900*	130,900*	130,900*	130,900*	126,600*	126,600*	115,200	118,400*	34
36	78.4	155.5	123,900*	123,900*	123,900*	123,900*	118,500*	118,500*	104,700	110,800*	36
38	77.6	155.1	117,600*	117,600*	117,600*	117,600*	111,300*	111,300*	95,700	104,000*	38
40	76.8	154.6	112,000*	112,000*	111,700*	111,700*	102,900	104,800*	87,900	97,900*	40
45	74.9	153.2	100,200*	100,200*	97,300*	97,300*	85,400	91,200*	72,600	85,100*	45
50	72.9	151.7	90,700*	90,700*	83,500	85,800*	72,400	80,400*	61,300	74,900*	50
55	70.8	150.0	81,500*	81,500*	72,200	76,500*	62,400	71,500*	52,500	66,600*	55
60	68.8	148.1	72,000	73,300*	63,200	68,800*	54,400	64,200*	45,500	59,700*	60
65	66.7	145.9	63,900	66,500*	55,900	62,300*	47,900	58,100*	39,900	53,900*	65
70	64.6	143.6	57,100	60,600*	49,800	56,700*	42,500	52,800*	35,100	48,900*	70
75	62.5	141.0	51,400	55,500*	44,700	51,800*	37,900	48,200*	31,200	44,600*	75
80	60.3	138.1	46,600	51,000*	40,300	47,600*	34,000	44,200*	27,800	40,800*	80
85	58.0	135.0	42,300	47,100*	36,500	43,900*	30,700	40,700*	24,800	37,500*	85
90	55.7	131.7	38,700	43,600*	33,200	40,600*	27,700	37,600*	22,300	34,600*	90
95	53.3	128.0	35,400	40,500*	30,300	37,600*	25,100	34,800*	20,000	31,900*	95
100	50.9	123.9	32,500	37,700*	27,700	35,000*	22,800	32,300*	18,000	29,600*	100
105	48.3	119.6	29,900	35,200*	25,300	32,600*	20,800	30,000*	16,200	27,400*	105
110	45.7	114.7	27,600	32,800*	23,200	30,400*	18,900	27,900*	14,500	25,500*	110
115	42.9	109.5	25,500	30,700*	21,400	28,400*	17,200	26,000*	13,100	23,600	115
120	40.0	103.6	23,600	28,800*	19,600	26,500*	15,700	24,300*	11,700	21,700	120
125	36.8	97.1	21,800	27,000*	18,000	24,800*	14,300	22,700*	10,500	20,000	125
130	33.4	89.7	20,200	25,400*	16,600	23,300*	13,000	21,200*	9,300	18,500	130
135	29.7	81.3	18,700	23,800*	15,200	21,800*	11,700	19,800*	8,300	17,100	135
140	25.4	71.3	17,300	22,400*	14,000	20,400*	10,600	18,500*	7,300	15,700	140
145	20.3	58.9	16,000	21,000*	12,800	19,100*	9,600	17,100*	6,300	14,500	145
150	13.4	41.4	14,700	18,900*	11,600	17,900*	8,500	15,800*	5,400	13,300	150

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

 Meets
ANSI B30.5
Requirements

150 Ft. Boom


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	
26	82.3	157.4	150,500*	150,500*	127,600	139,600*	109,800	133,100*	26
28	81.5	157.1	136,300	138,100*	110,500	128,100*	94,800	122,100*	28
30	80.7	156.7	120,100	127,600*	97,100	118,200*	83,000	112,600*	30
32	80.0	156.4	107,000	118,300*	86,200	109,600*	73,500	104,300*	32
34	79.2	156.0	96,200	110,200*	77,300	102,100*	65,700	97,100*	34
36	78.4	155.5	87,200	103,100*	69,800	95,400*	59,200	90,700*	36
38	77.6	155.1	79,500	96,700*	63,400	89,400*	53,600	85,000*	38
40	76.8	154.6	72,900	91,000*	57,900	84,100*	48,800	79,900*	40
45	74.9	153.2	59,800	78,900*	47,100	72,800*	39,300	69,100*	45
50	72.9	151.7	50,100	69,400*	39,000	63,900*	32,200	60,400	50
55	70.8	150.0	42,700	61,600*	32,800	56,600*	26,800	51,700	55
60	68.8	148.1	36,700	55,100*	27,900	50,200	22,500	44,800	60
65	66.7	145.9	31,800	49,700*	23,800	44,100	18,900	39,200	65
70	64.6	143.6	27,800	45,000*	20,500	39,000	16,000	34,500	70
75	62.5	141.0	24,400	41,000*	17,700	34,700	13,500	30,600	75
80	60.3	138.1	21,500	37,400	15,200	31,100	11,400	27,200	80
85	58.0	135.0	19,000	33,800	13,200	27,900	9,600	24,300	85
90	55.7	131.7	16,800	30,600	11,300	25,100	8,000	21,800	90
95	53.3	128.0	14,800	27,800	9,700	22,700	6,600	19,500	95
100	50.9	123.9	13,100	25,400	8,300	20,500	5,300	17,500	100
105	48.3	119.6	11,600	23,200	7,000	18,500	4,200	15,700	105
110	45.7	114.7	10,200	21,200	5,800	16,800	3,200	14,100	110
115	42.9	109.5	8,900	19,400	4,800	15,200	2,200	12,700	115
120	40.0	103.6	7,700	17,700	3,800	13,800		11,300	120
125	36.8	97.1	6,700	16,200	2,900	12,400		10,100	125
130	33.4	89.7	5,700	14,900	2,100	11,200		9,000	130
135	29.7	81.3	4,800	13,600		10,100		7,900	135
140	25.4	71.3	3,900	12,400		9,000		7,000	140
145	20.3	58.9	3,100	11,200		8,000		6,000	145
150	13.4	41.4	2,300	10,100		7,000		5,100	150

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

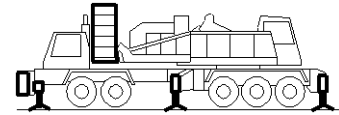
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



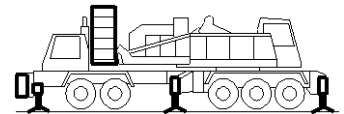
160 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
26	82.8	167.5	155,900*	155,900*	155,900*	155,900*	155,900*	155,900*	155,900*	155,900*	26
28	82.1	167.2	150,500*	150,500*	150,500*	150,500*	150,500*	150,500*	147,800*	147,800*	28
30	81.3	166.9	145,000*	145,000*	145,000*	145,000*	145,000*	145,000*	136,500*	136,500*	30
32	80.6	166.5	136,000*	136,000*	136,000*	136,000*	135,400*	135,400*	126,700*	126,700*	32
34	79.9	166.2	128,100*	128,100*	128,100*	128,100*	126,200*	126,200*	115,100	118,100*	34
36	79.1	165.8	121,100*	121,100*	121,100*	121,100*	118,100*	118,100*	104,500	110,400*	36
38	78.4	165.3	115,000*	115,000*	115,000*	115,000*	110,900*	110,900*	95,500	103,600*	38
40	77.7	164.9	109,400*	109,400*	109,400*	109,400*	102,800	104,400*	87,800	97,500*	40
45	75.8	163.6	97,800*	97,800*	96,900*	96,900*	85,200	90,800*	72,400	84,700*	45
50	74.0	162.2	88,500*	88,500*	83,300	85,500*	72,200	80,000*	61,000	74,500*	50
55	72.1	160.6	80,900*	80,900*	72,000	76,200*	62,100	71,200*	52,300	66,200*	55
60	70.2	158.8	71,800	73,000*	63,000	68,400*	54,100	63,900*	45,300	59,300*	60
65	68.3	156.8	63,600	66,100*	55,600	61,900*	47,600	57,700*	39,600	53,500*	65
70	66.3	154.6	56,900	60,200*	49,500	56,300*	42,200	52,400*	34,900	48,500*	70
75	64.3	152.2	51,200	55,100*	44,400	51,500*	37,700	47,900*	30,900	44,200*	75
80	62.3	149.6	46,300	50,700*	40,000	47,300*	33,800	43,900*	27,500	40,500*	80
85	60.2	146.8	42,100	46,800*	36,200	43,600*	30,400	40,400*	24,600	37,200*	85
90	58.1	143.7	38,400	43,300*	32,900	40,300*	27,400	37,200*	22,000	34,200*	90
95	56.0	140.4	35,100	40,200*	30,000	37,300*	24,800	34,500*	19,700	31,600*	95
100	53.8	136.7	32,200	37,400*	27,400	34,600*	22,500	31,900*	17,700	29,200*	100
105	51.5	132.8	29,700	34,800*	25,100	32,200*	20,500	29,700*	15,900	27,100*	105
110	49.1	128.5	27,300	32,500*	23,000	30,100*	18,600	27,600*	14,300	25,100*	110
115	46.7	123.9	25,200	30,400*	21,100	28,100*	16,900	25,700*	12,800	23,300	115
120	44.1	118.8	23,300	28,500*	19,300	26,200*	15,400	24,000*	11,400	21,500	120
125	41.5	113.2	21,600	26,700*	17,800	24,500*	14,000	22,400*	10,200	19,800	125
130	38.6	107.1	19,900	25,100*	16,300	23,000*	12,700	20,900*	9,100	18,200	130
135	35.6	100.3	18,500	23,500*	15,000	21,500*	11,500	19,500*	8,000	16,800	135
140	32.3	92.6	17,100	22,100*	13,700	20,200*	10,400	18,100*	7,100	15,500	140
145	28.7	83.8	15,800	20,800*	12,600	18,900*	9,400	16,800*	6,100	14,300	145
150	24.6	73.5	14,600	19,500*	11,500	17,700*	8,400	15,500*	5,300	13,100	150
155	19.6	60.6	13,500	18,300*	10,500	16,500*	7,500	14,300*	4,500	12,000	155
160	12.9	42.5	12,300	16,000*	9,500	15,300*	6,600	13,200*	3,700	11,000	160

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



160 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	
26	82.8	167.5	150,100*	150,100*	127,700	139,300*	109,800	132,700*	26
28	82.1	167.2	136,300	137,800*	110,500	127,800*	94,800	121,700*	28
30	81.3	166.9	120,100	127,200*	97,000	117,900*	83,000	112,200*	30
32	80.6	166.5	106,900	118,000*	86,100	109,300*	73,500	104,000*	32
34	79.9	166.2	96,100	109,900*	77,200	101,700*	65,600	96,700*	34
36	79.1	165.8	87,100	102,700*	69,700	95,000*	59,000	90,300*	36
38	78.4	165.3	79,400	96,300*	63,300	89,100*	53,400	84,600*	38
40	77.7	164.9	72,800	90,600*	57,800	83,700*	48,600	79,500*	40
45	75.8	163.6	59,700	78,600*	46,900	72,500*	39,100	68,700*	45
50	74.0	162.2	49,900	69,000*	38,800	63,500*	32,000	60,200*	50
55	72.1	160.6	42,400	61,200*	32,600	56,200*	26,600	51,500	55
60	70.2	158.8	36,400	54,800*	27,600	50,000	22,200	44,600	60
65	68.3	156.8	31,600	49,300*	23,600	43,900	18,700	38,900	65
70	66.3	154.6	27,600	44,600*	20,200	38,800	15,800	34,300	70
75	64.3	152.2	24,100	40,600*	17,400	34,500	13,300	30,300	75
80	62.3	149.6	21,200	37,100*	15,000	30,800	11,200	26,900	80
85	60.2	146.8	18,700	33,500	12,900	27,600	9,300	24,000	85
90	58.1	143.7	16,500	30,300	11,000	24,800	7,700	21,500	90
95	56.0	140.4	14,600	27,600	9,400	22,400	6,300	19,200	95
100	53.8	136.7	12,800	25,100	8,000	20,200	5,000	17,200	100
105	51.5	132.8	11,300	22,900	6,700	18,300	3,900	15,400	105
110	49.1	128.5	9,900	20,900	5,500	16,500	2,900	13,800	110
115	46.7	123.9	8,600	19,100	4,500	14,900	2,000	12,400	115
120	44.1	118.8	7,500	17,500	3,500	13,500		11,100	120
125	41.5	113.2	6,400	16,000	2,600	12,200		9,800	125
130	38.6	107.1	5,400	14,600		10,900		8,700	130
135	35.6	100.3	4,500	13,300		9,800		7,700	135
140	32.3	92.6	3,700	12,100		8,800		6,700	140
145	28.7	83.8	2,900	11,000		7,800		5,800	145
150	24.6	73.5	2,200	10,000		6,900		5,000	150
155	19.6	60.6		9,000		6,000		4,200	155
160	12.9	42.5		8,100		5,200		3,400	160

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

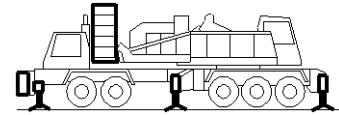
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



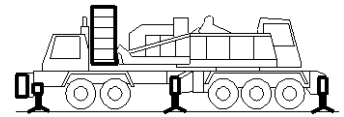
170 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
28	82.5	177.3	147,500*	147,500*	147,500*	147,500*	147,500*	147,500*	147,500*	147,500*	28
30	81.8	177.0	142,300*	142,300*	142,300*	142,300*	142,300*	142,300*	136,400*	136,400*	30
32	81.2	176.7	133,300*	133,300*	133,300*	133,300*	133,300*	133,300*	126,600*	126,600*	32
34	80.5	176.3	125,500*	125,500*	125,500*	125,500*	125,500*	125,500*	115,100	118,000*	34
36	79.8	176.0	118,600*	118,600*	118,600*	118,600*	118,100*	118,100*	104,500	110,400*	36
38	79.1	175.6	112,400*	112,400*	112,400*	112,400*	110,800*	110,800*	95,500	103,600*	38
40	78.4	175.1	106,900*	106,900*	106,900*	106,900*	102,800	104,400*	87,800	97,400*	40
45	76.7	174.0	95,400*	95,400*	95,400*	95,400*	85,200	90,800*	72,400	84,600*	45
50	74.9	172.6	86,200*	86,200*	83,300	85,400*	72,200	79,900*	61,000	74,400*	50
55	73.2	171.1	78,700*	78,700*	71,900	76,100*	62,100	71,100*	52,200	66,100*	55
60	71.4	169.4	71,800	72,400*	62,900	68,400*	54,100	63,800*	45,300	59,300*	60
65	69.6	167.6	63,600	66,000*	55,600	61,800*	47,600	57,600*	39,600	53,400*	65
70	67.8	165.6	56,900	60,200*	49,500	56,300*	42,200	52,400*	34,900	48,500*	70
75	65.9	163.3	51,100	55,100*	44,400	51,400*	37,600	47,800*	30,900	44,200*	75
80	64.1	160.9	46,300	50,600*	40,000	47,200*	33,700	43,800*	27,500	40,400*	80
85	62.2	158.3	42,000	46,700*	36,200	43,500*	30,400	40,300*	24,500	37,100*	85
90	60.2	155.5	38,400	43,200*	32,900	40,200*	27,400	37,200*	22,000	34,200*	90
95	58.3	152.4	35,100	40,100*	30,000	37,300*	24,800	34,400*	19,700	31,600*	95
100	56.2	149.1	32,200	37,300*	27,400	34,600*	22,500	31,900*	17,700	29,200*	100
105	54.2	145.5	29,600	34,800*	25,000	32,200*	20,500	29,600*	15,900	27,000*	105
110	52.0	141.6	27,300	32,500*	23,000	30,000*	18,600	27,600*	14,200	25,100*	110
115	49.8	137.4	25,200	30,400*	21,100	28,000*	16,900	25,700*	12,800	23,300	115
120	47.6	132.9	23,300	28,500*	19,300	26,200*	15,400	24,000*	11,400	21,500	120
125	45.2	128.0	21,600	26,700*	17,800	24,500*	14,000	22,400*	10,200	19,800	125
130	42.7	122.7	20,000	25,000*	16,300	23,000*	12,700	20,900*	9,100	18,300	130
135	40.1	116.8	18,500	23,500*	15,000	21,500*	11,500	19,500*	8,000	16,800	135
140	37.4	110.4	17,100	22,100*	13,800	20,200*	10,400	18,200*	7,100	15,500	140
145	34.5	103.3	15,800	20,800*	12,600	18,900*	9,400	16,800*	6,200	14,300	145
150	31.3	95.4	14,600	19,500*	11,500	17,800*	8,400	15,600*	5,300	13,200	150
155	27.8	86.2	13,500	18,400*	10,500	16,600*	7,500	14,400*	4,600	12,100	155
160	23.8	75.5	12,500	17,300*	9,600	15,400*	6,700	13,300*	3,800	11,100	160
165	19.0	62.2	11,500	16,200*	8,700	14,300*	5,900	12,200*	3,100	10,200	165
170	12.5	43.5	10,500	13,700*	7,800	13,200*	5,100	11,200*	2,400	9,200*	170

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



170 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		0 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	
28	82.5	177.3	136,400	137,700*	110,600	127,700*	94,800	121,600*	28
30	81.8	177.0	120,100	127,100*	97,100	117,800*	83,000	112,200*	30
32	81.2	176.7	107,000	117,900*	86,200	109,200*	73,500	103,900*	32
34	80.5	176.3	96,200	109,800*	77,200	101,600*	65,600	96,700*	34
36	79.8	176.0	87,100	102,700*	69,700	95,000*	59,000	90,300*	36
38	79.1	175.6	79,400	96,300*	63,300	89,000*	53,400	84,600*	38
40	78.4	175.1	72,800	90,500*	57,800	83,600*	48,600	79,400*	40
45	76.7	174.0	59,600	78,500*	46,900	72,400*	39,100	68,700*	45
50	74.9	172.6	49,900	69,000*	38,800	63,500*	32,000	60,100*	50
55	73.2	171.1	42,400	61,200*	32,500	56,200*	26,500	51,500	55
60	71.4	169.4	36,400	54,700*	27,600	50,000	22,200	44,500	60
65	69.6	167.6	31,600	49,200*	23,500	43,800	18,700	38,900	65
70	67.8	165.6	27,500	44,600*	20,200	38,700	15,700	34,200	70
75	65.9	163.3	24,100	40,500*	17,400	34,400	13,200	30,300	75
80	64.1	160.9	21,200	37,000*	14,900	30,800	11,100	26,900	80
85	62.2	158.3	18,700	33,500	12,800	27,600	9,300	24,000	85
90	60.2	155.5	16,500	30,300	11,000	24,800	7,700	21,500	90
95	58.3	152.4	14,500	27,500	9,400	22,400	6,300	19,200	95
100	56.2	149.1	12,800	25,100	8,000	20,200	5,000	17,200	100
105	54.2	145.5	11,300	22,900	6,700	18,300	3,900	15,400	105
110	52.0	141.6	9,900	20,900	5,500	16,500	2,900	13,800	110
115	49.8	137.4	8,600	19,100	4,500	14,900		12,400	115
120	47.6	132.9	7,500	17,500	3,500	13,500		11,100	120
125	45.2	128.0	6,400	16,000	2,600	12,200		9,800	125
130	42.7	122.7	5,500	14,600		11,000		8,700	130
135	40.1	116.8	4,600	13,300		9,800		7,700	135
140	37.4	110.4	3,700	12,200		8,800		6,800	140
145	34.5	103.3	3,000	11,100		7,800		5,900	145
150	31.3	95.4	2,200	10,100		6,900		5,000	150
155	27.8	86.2		9,100		6,100		4,300	155
160	23.8	75.5		8,200		5,300		3,500	160
165	19.0	62.2		7,400		4,500		2,800	165
170	12.5	43.5		6,500		3,800		2,100	170

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

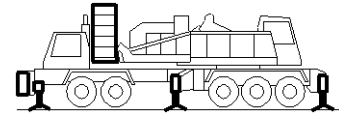
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



180 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds	
28	82.9	187.4	133,400*	133,400*	133,400*	133,400*	133,400*	133,400*	133,400*	133,400*	28
30	82.3	187.1	129,000*	129,000*	129,000*	129,000*	129,000*	129,000*	129,000*	129,000*	30
32	81.7	186.8	124,900*	124,900*	124,900*	124,900*	124,900*	124,900*	124,900*	124,900*	32
34	81.0	186.5	120,900*	120,900*	120,900*	120,900*	120,900*	120,900*	115,100	117,600*	34
36	80.4	186.1	115,700*	115,700*	115,700*	115,700*	115,700*	115,700*	104,500	110,000*	36
38	79.7	185.8	109,700*	109,700*	109,700*	109,700*	109,700*	109,700*	95,400	103,200*	38
40	79.1	185.4	104,300*	104,300*	104,300*	104,300*	102,700	104,000*	87,700	97,100*	40
45	77.4	184.3	92,900*	92,900*	92,900*	92,900*	85,000	90,300*	72,200	84,200*	45
50	75.8	183.0	83,800*	83,800*	83,100	83,800*	71,900	79,500*	60,800	74,000*	50
55	74.1	181.6	76,500*	76,500*	71,700	75,700*	61,900	70,700*	52,000	65,700*	55
60	72.5	180.0	70,300*	70,300*	62,700	67,900*	53,800	63,400*	45,000	58,800*	60
65	70.8	178.3	63,300	65,000*	55,300	61,400*	47,300	57,200*	39,300	53,000*	65
70	69.1	176.4	56,500	59,700*	49,200	55,800*	41,900	51,900*	34,500	48,000*	70
75	67.4	174.3	50,800	54,600*	44,100	51,000*	37,300	47,400*	30,600	43,700*	75
80	65.6	172.0	45,900	50,200*	39,700	46,800*	33,400	43,400*	27,100	40,000*	80
85	63.8	169.6	41,700	46,300*	35,900	43,100*	30,000	39,900*	24,200	36,700*	85
90	62.1	167.0	38,000	42,800*	32,500	39,800*	27,100	36,800*	21,600	33,700*	90
95	60.2	164.1	34,700	39,700*	29,600	36,800*	24,500	34,000*	19,300	31,100*	95
100	58.4	161.0	31,900	36,900*	27,000	34,200*	22,200	31,500*	17,300	28,800*	100
105	56.4	157.8	29,300	34,400*	24,700	31,800*	20,100	29,200*	15,500	26,600*	105
110	54.5	154.2	26,900	32,100*	22,600	29,600*	18,200	27,100*	13,900	24,700*	110
115	52.5	150.4	24,800	30,000*	20,700	27,600*	16,500	25,300*	12,400	22,900*	115
120	50.4	146.3	22,900	28,000*	19,000	25,800*	15,000	23,500*	11,100	21,100	120
125	48.3	141.9	21,200	26,300*	17,400	24,100*	13,600	21,900*	9,800	19,400	125
130	46.1	137.2	19,600	24,600*	16,000	22,500*	12,300	20,500*	8,700	17,900	130
135	43.8	132.0	18,100	23,100*	14,600	21,100*	11,100	19,000*	7,700	16,500	135
140	41.5	126.4	16,700	21,700*	13,400	19,800*	10,000	17,600*	6,700	15,200	140
145	39.0	120.4	15,500	20,400*	12,200	18,500*	9,000	16,300*	5,800	14,000	145
150	36.3	113.7	14,300	19,100*	11,200	17,300*	8,100	15,100*	5,000	12,800	150
155	33.5	106.3	13,200	18,000*	10,200	16,100*	7,200	13,900*	4,200	11,700*	155
160	30.4	98.0	12,100	16,900*	9,300	15,000*	6,400	12,800*	3,500	10,700*	160
165	27.0	88.6	11,200	15,900*	8,400	13,900*	5,600	11,800*	2,800	9,800*	165
170	23.1	77.5	10,200	14,800*	7,500	12,800*	4,800	10,800*	2,100	8,800*	170
175	18.5	63.8	9,400	13,600*	6,700	11,800*	4,100	9,900*		7,900*	175
180	12.1	44.5	8,500	11,300*	5,900	10,800*	3,400	8,900*		7,100*	180

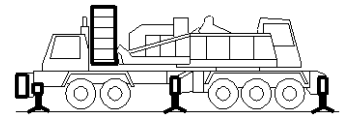
Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

 Meets
ANSI B30.5
Requirements


180 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		10,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			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*	110,700	127,400*	28
30	82.3	187.1	120,200	126,800*	97,200	117,500*	30
32	81.7	186.8	107,000	117,500*	86,200	108,800*	32
34	81.0	186.5	96,200	109,400*	77,200	101,300*	34
36	80.4	186.1	87,100	102,300*	69,600	94,600*	36
38	79.7	185.8	79,300	95,900*	63,200	88,600*	38
40	79.1	185.4	72,700	90,100*	57,700	83,200*	40
45	77.4	184.3	59,500	78,100*	46,700	72,000*	45
50	75.8	183.0	49,700	68,500*	38,600	63,000*	50
55	74.1	181.6	42,200	60,700*	32,300	55,800*	55
60	72.5	180.0	36,200	54,300*	27,300	49,700	60
65	70.8	178.3	31,300	48,800*	23,300	43,500	65
70	69.1	176.4	27,200	44,200*	19,900	38,400	70
75	67.4	174.3	23,800	40,100*	17,000	34,100	75
80	65.6	172.0	20,900	36,600*	14,600	30,400	80
85	63.8	169.6	18,300	33,100	12,500	27,200	85
90	62.1	167.0	16,100	30,000	10,700	24,500	90
95	60.2	164.1	14,200	27,200	9,000	22,000	95
100	58.4	161.0	12,500	24,700	7,600	19,800	100
105	56.4	157.8	10,900	22,500	6,300	17,900	105
110	54.5	154.2	9,500	20,500	5,200	16,100	110
115	52.5	150.4	8,200	18,700	4,100	14,600	115
120	50.4	146.3	7,100	17,100	3,100	13,100	120
125	48.3	141.9	6,000	15,600	2,300	11,800	125
130	46.1	137.2	5,100	14,200		10,600	130
135	43.8	132.0	4,200	13,000		9,500	135
140	41.5	126.4	3,400	11,800		8,400	140
145	39.0	120.4	2,600	10,700		7,500	145
150	36.3	113.7		9,700		6,600	150
155	33.5	106.3		8,800		5,700	155
160	30.4	98.0		7,900		5,000	160
165	27.0	88.6		7,000		4,200	165
170	23.1	77.5		6,200		3,500	170
175	18.5	63.8		5,500		2,800	175
180	12.1	44.5		4,700		2,200	180

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

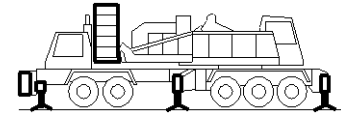
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



190 Ft. Boom

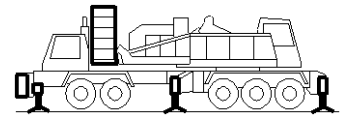


Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear 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	121,100*	121,100*	121,100*	121,100*	121,100*	121,100*	121,100*	121,100*	30
32	82.1	196.9	116,900*	116,900*	116,900*	116,900*	116,900*	116,900*	116,900*	116,900*	32
34	81.5	196.6	112,900*	112,900*	112,900*	112,900*	112,900*	112,900*	112,900*	112,900*	34
36	80.9	196.3	109,100*	109,100*	109,100*	109,100*	109,100*	109,100*	104,400	109,100*	36
38	80.3	195.9	105,500*	105,500*	105,500*	105,500*	105,500*	105,500*	95,300	102,800*	38
40	79.7	195.6	101,500*	101,500*	101,500*	101,500*	101,500*	101,500*	87,500	96,700*	40
45	78.1	194.5	90,400*	90,400*	90,400*	90,400*	84,800	90,000*	72,100	83,900*	45
50	76.6	193.3	81,500*	81,500*	81,500*	81,500*	71,700	79,100*	60,600	73,600*	50
55	75.0	192.0	74,200*	74,200*	71,400	74,200*	61,600	70,300*	51,700	65,300*	55
60	73.4	190.5	68,100*	68,100*	62,400	67,600*	53,600	63,000*	44,700	58,400*	60
65	71.8	188.9	62,900*	62,900*	55,000	61,000*	47,000	56,800*	39,000	52,600*	65
70	70.2	187.1	56,200	58,400*	48,900	55,400*	41,600	51,600*	34,300	47,700*	70
75	68.6	185.1	50,500	54,200*	43,800	50,600*	37,000	47,000*	30,200	43,400*	75
80	67.0	183.0	45,600	49,800*	39,300	46,400*	33,100	43,000*	26,800	39,600*	80
85	65.3	180.7	41,400	45,900*	35,500	42,700*	29,700	39,500*	23,900	36,300*	85
90	63.6	178.3	37,700	42,400*	32,200	39,400*	26,700	36,400*	21,300	33,400*	90
95	61.9	175.6	34,400	39,300*	29,300	36,400*	24,100	33,600*	19,000	30,700*	95
100	60.2	172.8	31,500	36,500*	26,700	33,800*	21,800	31,100*	17,000	28,400*	100
105	58.4	169.7	28,900	34,000*	24,300	31,400*	19,700	28,800*	15,200	26,200*	105
110	56.6	166.4	26,600	31,700*	22,200	29,200*	17,900	26,700*	13,500	24,300*	110
115	54.8	162.9	24,500	29,600*	20,300	27,200*	16,200	24,900*	12,000	22,400*	115
120	52.9	159.2	22,600	27,600*	18,600	25,400*	14,700	23,100*	10,700	20,600*	120
125	51.0	155.2	20,800	25,900*	17,000	23,700*	13,300	21,500*	9,500	19,000*	125
130	49.0	150.9	19,200	24,200*	15,600	22,200*	12,000	20,100*	8,400	17,500*	130
135	46.9	146.2	17,800	22,700*	14,300	20,700*	10,800	18,600*	7,300	16,100*	135
140	44.8	141.3	16,400	21,300*	13,000	19,400*	9,700	17,200*	6,400	14,700*	140
145	42.6	135.9	15,100	20,000*	11,900	18,100*	8,700	15,900*	5,500	13,500*	145
150	40.3	130.1	13,900	18,800*	10,800	16,900*	7,700	14,600*	4,600	12,400*	150
155	37.9	123.8	12,800	17,600*	9,900	15,700*	6,900	13,500*	3,900	11,300*	155
160	35.3	116.8	11,800	16,500*	8,900	14,500*	6,000	12,400*	3,100	10,300*	160
165	32.5	109.2	10,800	15,500*	8,100	13,400*	5,300	11,400*	2,500	9,300*	165
170	29.5	100.6	9,900	14,400*	7,200	12,400*	4,500	10,400*		8,400*	170
175	26.2	90.9	9,100	13,200*	6,400	11,400*	3,800	9,500*		7,600*	175
180	22.5	79.5	8,300	12,000*	5,700	10,500*	3,200	8,600*		6,700*	180
185	17.9	65.3	7,500	10,900*	5,000	9,600*	2,500	7,800*		5,900*	185
190	11.8	45.5	6,700	9,100*	4,300	8,700*		6,900*		5,100*	190

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



190 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.	
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds
30	82.7	197.2	120,200	121,100*
32	82.1	196.9	107,000	116,900*
34	81.5	196.6	96,100	109,100*
36	80.9	196.3	87,000	101,900*
38	80.3	195.9	79,200	95,500*
40	79.7	195.6	72,500	89,800*
45	78.1	194.5	59,300	77,700*
50	76.6	193.3	49,500	68,200*
55	75.0	192.0	41,900	60,400*
60	73.4	190.5	35,900	53,900*
65	71.8	188.9	31,000	48,400*
70	70.2	187.1	26,900	43,800*
75	68.6	185.1	23,500	39,700*
80	67.0	183.0	20,600	36,200*
85	65.3	180.7	18,000	32,800
90	63.6	178.3	15,800	29,600
95	61.9	175.6	13,800	26,900
100	60.2	172.8	12,100	24,400
105	58.4	169.7	10,600	22,200
110	56.6	166.4	9,200	20,200
115	54.8	162.9	7,900	18,400
120	52.9	159.2	6,700	16,700
125	51.0	155.2	5,700	15,300
130	49.0	150.9	4,700	13,900
135	46.9	146.2	3,800	12,600
140	44.8	141.3	3,000	11,500
145	42.6	135.9	2,300	10,400
150	40.3	130.1		9,400
155	37.9	123.8		8,400
160	35.3	116.8		7,500
165	32.5	109.2		6,700
170	29.5	100.6		5,900
175	26.2	90.9		5,200
180	22.5	79.5		4,500
185	17.9	65.3		3,800
190	11.8	45.5		3,100

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

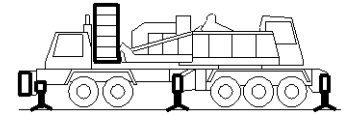
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



200 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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*	105,900*	105,900*	105,900*	105,900*	32
34	81.9	206.8	102,400*	102,400*	102,400*	102,400*	102,400*	102,400*	102,400*	102,400*	34
36	81.3	206.4	99,000*	99,000*	99,000*	99,000*	99,000*	99,000*	99,000*	99,000*	36
38	80.8	206.1	95,800*	95,800*	95,800*	95,800*	95,800*	95,800*	95,200	95,800*	38
40	80.2	205.7	92,700*	92,700*	92,700*	92,700*	92,700*	92,700*	87,400	92,700*	40
45	78.7	204.7	85,400*	85,400*	85,400*	85,400*	84,600	85,400*	71,900	83,400*	45
50	77.2	203.6	78,600*	78,600*	78,600*	78,600*	71,500	78,600*	60,300	73,200*	50
55	75.8	202.4	72,200*	72,200*	71,200	72,200*	61,300	69,900*	51,500	64,900*	55
60	74.3	201.0	66,300*	66,300*	62,100	66,300*	53,300	62,600*	44,400	58,000*	60
65	72.8	199.4	61,100*	61,100*	54,700	60,600*	46,700	56,400*	38,700	52,200*	65
70	71.3	197.7	55,900	56,300*	48,600	55,000*	41,200	51,100*	33,900	47,200*	70
75	69.7	195.9	50,200	52,100*	43,400	50,200*	36,600	46,500*	29,900	42,900*	75
80	68.2	193.9	45,200	48,200*	39,000	45,900*	32,700	42,500*	26,500	39,100*	80
85	66.6	191.7	41,000	44,600*	35,200	42,200*	29,300	39,000*	23,500	35,800*	85
90	65.1	189.4	37,300	41,300*	31,800	38,900*	26,400	35,900*	20,900	32,900*	90
95	63.5	186.9	34,000	38,200*	28,900	36,000*	23,700	33,100*	18,600	30,300*	95
100	61.8	184.3	31,100	35,400*	26,300	33,300*	21,400	30,600*	16,600	27,900*	100
105	60.2	181.4	28,500	32,800*	23,900	30,900*	19,300	28,300*	14,800	25,800*	105
110	58.5	178.4	26,200	30,400*	21,800	28,700*	17,500	26,300*	13,100	23,800*	110
115	56.8	175.1	24,100	28,100*	19,900	26,800*	15,800	24,400*	11,600	21,900*	115
120	55.1	171.7	22,200	26,000*	18,200	24,900*	14,300	22,700*	10,300	20,100*	120
125	53.3	168.0	20,400	24,000*	16,600	23,300*	12,800	21,100*	9,100	18,400*	125
130	51.5	164.0	18,800	22,100*	15,200	21,700*	11,600	19,500*	7,900	16,900*	130
135	49.6	159.8	17,300	20,300*	13,900	20,300*	10,400	18,000*	6,900	15,500*	135
140	47.7	155.3	16,000	18,700*	12,600	18,700*	9,300	16,600*	5,900	14,200*	140
145	45.7	150.4	14,700	17,100*	11,500	17,100*	8,300	15,300*	5,100	13,000*	145
150	43.6	145.3	13,500	15,600*	10,400	15,600*	7,300	14,100*	4,200	11,800*	150
155	41.5	139.7	12,400	14,200*	9,400	14,200*	6,400	12,900*	3,400	10,700*	155
160	39.2	133.6	11,400	12,900*	8,500	12,900*	5,600	11,800*	2,700	9,700*	160
165	36.8	127.1	10,400	11,600*	7,600	11,600*	4,800	10,800*	2,000	8,800*	165
170	34.3	119.9	9,500	10,400*	6,800	10,400*	4,100	9,900*		7,900*	170
175	31.7	112.0	8,700	9,300*	6,100	9,300*	3,400	9,000*		7,000*	175
180	28.8	103.2	7,900	8,200*	5,300	8,200*	2,800	8,100*		6,200*	180
185	25.5	93.1	7,100	7,200*	4,600	7,200*	2,100	7,200*		5,400*	185
190	21.9	81.4	6,200*	6,200*	4,000	6,200*		6,200*		4,700*	190
195	17.5	66.8	5,300*	5,300*	3,300	5,300*		5,300*		4,000*	195
200	11.4	46.4	4,400*	4,400*	2,700	4,400*		4,400*		3,300*	200

Liftcrane Boom Capacities

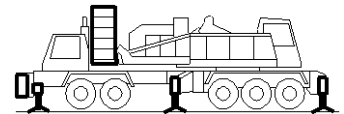
Boom No. 78T With Heavy Lift Top

0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



200 Ft. Boom



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	27,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.	
			Boom Capacity 360 Deg. Pounds	Boom Capacity Rear Pounds
32	82.5	207.1	105,900*	105,900*
34	81.9	206.8	96,000	102,400*
36	81.3	206.4	86,900	99,000*
38	80.8	206.1	79,100	95,100*
40	80.2	205.7	72,400	89,400*
45	78.7	204.7	59,100	77,300*
50	77.2	203.6	49,200	67,700*
55	75.8	202.4	41,600	59,900*
60	74.3	201.0	35,600	53,400*
65	72.8	199.4	30,700	48,000*
70	71.3	197.7	26,600	43,300*
75	69.7	195.9	23,100	39,300*
80	68.2	193.9	20,200	35,700*
85	66.6	191.7	17,600	32,400
90	65.1	189.4	15,400	29,300
95	63.5	186.9	13,500	26,500
100	61.8	184.3	11,700	24,000
105	60.2	181.4	10,200	21,800
110	58.5	178.4	8,800	19,800
115	56.8	175.1	7,500	18,000
120	55.1	171.7	6,300	16,300
125	53.3	168.0	5,300	14,800
130	51.5	164.0	4,300	13,500
135	49.6	159.8	3,400	12,200
140	47.7	155.3	2,600	11,000
145	45.7	150.4		10,000
150	43.6	145.3		8,900
155	41.5	139.7		8,000
160	39.2	133.6		7,100
165	36.8	127.1		6,300
170	34.3	119.9		5,500
175	31.7	112.0		4,800
180	28.8	103.2		4,100
185	25.5	93.1		3,400
190	21.9	81.4		2,800
195	17.5	66.8		2,200
200	11.4	46.4		

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

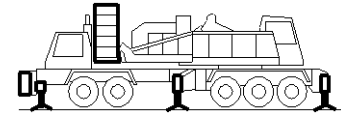
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



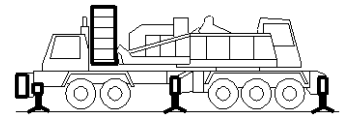
210 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	
34	82.3	216.9	106,100*	106,100*	106,100*	106,100*	106,100*	106,100*	106,100*	106,100*	34
36	81.8	216.6	103,200*	103,200*	103,200*	103,200*	103,200*	103,200*	103,200*	103,200*	36
38	81.2	216.2	100,400*	100,400*	100,400*	100,400*	100,400*	100,400*	95,000	100,400*	38
40	80.7	215.9	97,700*	97,700*	97,700*	97,700*	97,700*	97,700*	87,200	95,900*	40
45	79.3	215.0	87,500*	87,500*	87,500*	87,500*	84,400	87,500*	71,600	83,100*	45
50	77.9	213.9	78,700*	78,700*	78,700*	78,700*	71,200	78,300*	60,100	72,900*	50
55	76.5	212.7	71,500*	71,500*	70,900	71,500*	61,100	69,500*	51,200	64,500*	55
60	75.1	211.4	65,500*	65,500*	61,900	65,500*	53,000	62,200*	44,200	57,700*	60
65	73.6	209.9	60,400*	60,400*	54,500	60,200*	46,400	56,000*	38,400	51,800*	65
70	72.2	208.3	55,700	56,000*	48,300	54,700*	41,000	50,800*	33,700	46,900*	70
75	70.8	206.6	49,900	52,000*	43,200	49,800*	36,400	46,200*	29,600	42,600*	75
80	69.3	204.7	45,000	48,500*	38,700	45,600*	32,500	42,200*	26,200	38,800*	80
85	67.8	202.6	40,700	45,100*	34,900	41,900*	29,100	38,700*	23,200	35,500*	85
90	66.3	200.5	37,000	41,600*	31,600	38,600*	26,100	35,600*	20,600	32,600*	90
95	64.8	198.1	33,800	38,500*	28,600	35,700*	23,500	32,800*	18,300	30,000*	95
100	63.3	195.6	30,900	35,700*	26,000	33,000*	21,200	30,300*	16,300	27,600*	100
105	61.8	192.9	28,300	33,200*	23,700	30,600*	19,100	28,000*	14,500	25,500*	105
110	60.2	190.1	25,900	30,900*	21,600	28,400*	17,200	26,000*	12,900	23,400*	110
115	58.6	187.1	23,800	28,800*	19,700	26,500*	15,500	24,100*	11,400	21,500*	115
120	57.0	183.8	21,900	26,900*	18,000	24,600*	14,000	22,400*	10,000	19,700*	120
125	55.3	180.4	20,200	25,100*	16,400	23,000*	12,600	20,800*	8,800	18,100*	125
130	53.6	176.7	18,600	23,500*	14,900	21,400*	11,300	19,200*	7,700	16,500*	130
135	51.9	172.8	17,100	22,000*	13,600	20,000*	10,100	17,600*	6,700	15,100*	135
140	50.1	168.7	15,700	20,600*	12,400	18,700*	9,000	16,200*	5,700	13,800*	140
145	48.3	164.3	14,500	19,300*	11,200	17,300*	8,000	14,900*	4,800	12,600*	145
150	46.4	159.6	13,300	18,100*	10,200	16,000*	7,100	13,700*	4,000	11,500*	150
155	44.5	154.5	12,200	16,900*	9,200	14,800*	6,200	12,600*	3,200	10,400*	155
160	42.5	149.1	11,200	15,700*	8,300	13,600*	5,400	11,500*	2,500	9,400*	160
165	40.4	143.3	10,200	14,600*	7,400	12,600*	4,600	10,500*		8,500*	165
170	38.2	137.1	9,300	13,500*	6,600	11,500*	3,900	9,600*		7,600*	170
175	35.9	130.3	8,500	12,500*	5,800	10,600*	3,200	8,700*		6,700*	175
180	33.5	122.9	7,700	11,600*	5,100	9,700*	2,600	7,800*		5,900*	180
185	30.9	114.7	6,900	10,600*	4,400	8,800*		7,000*		5,200*	185
190	28.0	105.6	6,200	9,800*	3,800	8,000*		6,200*		4,400*	190
195	24.9	95.3	5,500	8,900*	3,100	7,200*		5,500*		3,700*	195
200	21.3	83.2	4,800	8,100*	2,600	6,400*		4,800*		3,100*	200
205	17.0	68.3	4,200	7,000*	2,000	5,700*		4,100*		2,400*	205
210	11.2	47.3	3,600	5,200*		5,000*		3,400*			210

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements



220 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		44,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	
36	82.1	226.7	107,600*	107,600*	107,600*	107,600*	107,600*	107,600*	104,000	107,600*	36
38	81.6	226.4	101,700*	101,700*	101,700*	101,700*	101,700*	101,700*	94,900	101,700*	38
40	81.1	226.0	96,400*	96,400*	96,400*	96,400*	96,400*	96,400*	87,100	95,700*	40
45	79.8	225.1	85,300*	85,300*	85,300*	85,300*	84,300	85,300*	71,500	82,900*	45
50	78.4	224.1	76,600*	76,600*	76,600*	76,600*	71,100	76,600*	60,000	72,700*	50
55	77.1	223.0	69,400*	69,400*	69,400*	69,400*	61,000	69,400*	51,100	64,400*	55
60	75.7	221.7	63,500*	63,500*	61,700	63,500*	52,900	62,100*	44,000	57,500*	60
65	74.4	220.3	58,500*	58,500*	54,300	58,500*	46,300	55,900*	38,300	51,700*	65
70	73.0	218.8	54,200*	54,200*	48,200	54,200*	40,800	50,600*	33,500	46,700*	70
75	71.7	217.2	49,800	50,400*	43,000	49,700*	36,200	46,000*	29,500	42,400*	75
80	70.3	215.4	44,800	47,000*	38,600	45,500*	32,300	42,100*	26,100	38,700*	80
85	68.9	213.4	40,600	44,100*	34,800	41,700*	28,900	38,600*	23,100	35,400*	85
90	67.5	211.4	36,900	41,400*	31,400	38,500*	25,900	35,400*	20,500	32,400*	90
95	66.1	209.2	33,600	38,400*	28,500	35,500*	23,300	32,700*	18,200	29,800*	95
100	64.6	206.8	30,700	35,600*	25,900	32,900*	21,000	30,100*	16,200	27,400*	100
105	63.2	204.3	28,100	33,000*	23,500	30,500*	18,900	27,900*	14,300	25,300*	105
110	61.7	201.6	25,800	30,700*	21,400	28,300*	17,100	25,800*	12,700	23,200*	110
115	60.2	198.8	23,700	28,700*	19,500	26,300*	15,400	23,900*	11,200	21,300*	115
120	58.7	195.7	21,800	26,700*	17,800	24,500*	13,800	22,200*	9,900	19,500*	120
125	57.1	192.5	20,000	25,000*	16,200	22,800*	12,400	20,600*	8,700	17,900*	125
130	55.5	189.1	18,400	23,300*	14,800	21,300*	11,200	19,000*	7,500	16,300*	130
135	53.9	185.5	16,900	21,800*	13,500	19,800*	10,000	17,500*	6,500	14,900*	135
140	52.3	181.6	15,600	20,400*	12,200	18,500*	8,900	16,100*	5,500	13,600*	140
145	50.6	177.6	14,300	19,100*	11,100	17,100*	7,900	14,800*	4,700	12,400*	145
150	48.9	173.2	13,100	17,900*	10,000	15,800*	6,900	13,500*	3,800	11,300*	150
155	47.1	168.6	12,000	16,700*	9,000	14,600*	6,100	12,400*	3,100	10,200*	155
160	45.3	163.7	11,000	15,500*	8,100	13,400*	5,200	11,300*	2,300	9,200*	160
165	43.4	158.5	10,100	14,400*	7,300	12,400*	4,500	10,300*		8,300*	165
170	41.4	152.9	9,200	13,300*	6,500	11,400*	3,700	9,400*		7,400*	170
175	39.4	146.9	8,300	12,300*	5,700	10,400*	3,100	8,500*		6,500*	175
180	37.3	140.4	7,500	11,400*	5,000	9,500*	2,400	7,600*		5,700*	180
185	35.0	133.4	6,800	10,500*	4,300	8,700*		6,800*		5,000*	185
190	32.7	125.8	6,100	9,600*	3,600	7,800*		6,100*		4,300*	190
195	30.1	117.4	5,400	8,800*	3,000	7,100*		5,300*		3,600*	195
200	27.4	108.0	4,700	8,000*	2,400	6,300*		4,600*		2,900*	200
205	24.3	97.4	4,100	7,300*		5,600*		4,000*		2,300*	205
210	20.8	85.0	3,500	6,500*		4,900*		3,300*			210
215	16.6	69.7	2,900	5,400*		4,200*		2,700*			215
220	10.9	48.2	2,300	3,700*		3,600*		2,000*			220

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

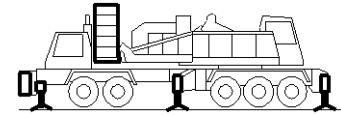
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T



230 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		61,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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	
38	82.0	236.5	94,800*	94,800*	94,800*	94,800*	94,800*	94,800*	38
40	81.5	236.2	92,600*	92,600*	92,600*	92,600*	92,600*	92,600*	40
45	80.2	235.3	83,300*	83,300*	83,300*	83,300*	83,300*	83,300*	45
50	78.9	234.3	74,700*	74,700*	74,700*	74,700*	70,900	74,700*	50
55	77.7	233.3	67,600*	67,600*	67,600*	67,600*	60,700	67,600*	55
60	76.4	232.0	61,800*	61,800*	61,400	61,800*	52,600	61,600*	60
65	75.1	230.7	56,800*	56,800*	54,000	56,800*	46,000	55,400*	65
70	73.8	229.3	52,500*	52,500*	47,800	52,500*	40,500	50,200*	70
75	72.5	227.7	48,800*	48,800*	42,700	48,800*	35,900	45,600*	75
80	71.2	226.0	44,500	45,500*	38,200	45,000*	32,000	41,600*	80
85	69.8	224.2	40,200	42,600*	34,400	41,300*	28,500	38,100*	85
90	68.5	222.2	36,500	40,000*	31,000	38,000*	25,600	35,000*	90
95	67.2	220.1	33,200	37,500*	28,100	35,000*	22,900	32,200*	95
100	65.8	217.9	30,300	35,100*	25,500	32,400*	20,600	29,700*	100
105	64.4	215.5	27,700	32,600*	23,100	30,000*	18,500	27,400*	105
110	63.0	213.0	25,400	30,300*	21,000	27,800*	16,700	25,400*	110
115	61.6	210.3	23,300	28,200*	19,100	25,800*	15,000	23,500*	115
120	60.2	207.4	21,300	26,300*	17,400	24,000*	13,400	21,800*	120
125	58.7	204.4	19,600	24,500*	15,800	22,300*	12,000	20,000*	125
130	57.2	201.2	18,000	22,900*	14,400	20,800*	10,700	18,400*	130
135	55.7	197.8	16,500	21,400*	13,000	19,400*	9,500	16,900*	135
140	54.2	194.2	15,100	20,000*	11,800	17,900*	8,500	15,500*	140
145	52.6	190.4	13,900	18,600*	10,700	16,500*	7,400	14,200*	145
150	51.0	186.4	12,700	17,300*	9,600	15,200*	6,500	13,000*	150
155	49.4	182.2	11,600	16,000*	8,600	14,000*	5,600	11,800*	155
160	47.7	177.6	10,600	14,800*	7,700	12,900*	4,800	10,800*	160
165	46.0	172.9	9,600	13,700*	6,800	11,800*	4,000	9,700*	165
170	44.2	167.8	8,700	12,600*	6,000	10,800*	3,300	8,800*	170
175	42.4	162.4	7,900	11,400*	5,300	9,800*	2,600	7,900*	175
180	40.5	156.6	7,100	10,300*	4,500	8,900*	2,000	7,100*	180
185	38.5	150.4	6,300	9,200*	3,900	8,100*		6,300*	185
190	36.4	143.7	5,600	8,300*	3,200	7,300*		5,500*	190
195	34.2	136.5	4,900	7,300*	2,600	6,500*		4,800*	195
200	31.9	128.6	4,300	6,400*	2,000	5,800*		4,100*	200
205	29.4	120.0	3,700	5,500*		5,100*		3,400*	205
210	26.7	110.4	3,100	4,700*		4,400*		2,800*	210
215	23.7	99.5	2,500	3,800*		3,700*		2,200*	215
220	20.3	86.8	2,000	3,100*		3,100*			220
225	16.2	71.1		2,300*		2,300*			225

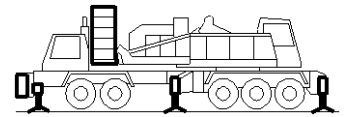
Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully 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.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		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*	83,800*	83,800*	40
45	80.6	245.5	78,600*	78,600*	78,600*	78,600*	45
50	79.4	244.5	73,000*	73,000*	73,000*	73,000*	50
55	78.2	243.5	66,000*	66,000*	66,000*	66,000*	55
60	77.0	242.4	60,200*	60,200*	60,200*	60,200*	60
65	75.7	241.1	55,200*	55,200*	53,700	55,200*	65
70	74.5	239.7	51,000*	51,000*	47,500	51,000*	70
75	73.2	238.2	47,300*	47,300*	42,300	47,300*	75
80	72.0	236.6	44,000*	44,000*	37,900	44,000*	80
85	70.7	234.8	39,900	41,200*	34,000	40,900*	85
90	69.5	233.0	36,100	38,600*	30,700	37,600*	90
95	68.2	231.0	32,800	36,200*	27,700	34,600*	95
100	66.9	228.8	29,900	34,000*	25,100	32,000*	100
105	65.6	226.6	27,300	31,600*	22,700	29,600*	105
110	64.2	224.2	25,000	29,100*	20,600	27,400*	110
115	62.9	221.6	22,900	26,800*	18,700	25,400*	115
120	61.5	218.9	20,900	24,700*	17,000	23,600*	120
125	60.2	216.1	19,200	22,700*	15,400	21,900*	125
130	58.8	213.1	17,600	20,900*	14,000	20,400*	130
135	57.4	209.9	16,100	19,100*	12,600	18,800*	135
140	55.9	206.5	14,700	17,500*	11,400	17,400*	140
145	54.5	202.9	13,500	16,000*	10,300	16,000*	145
150	53.0	199.2	12,300	14,500*	9,200	14,500*	150
155	51.4	195.2	11,200	13,200*	8,200	13,200*	155
160	49.9	191.1	10,200	11,900*	7,300	11,900*	160
165	48.3	186.6	9,200	10,600*	6,400	10,600*	165
170	46.7	182.0	8,300	9,500*	5,600	9,500*	170
175	45.0	177.0	7,500	8,300*	4,900	8,300*	175
180	43.2	171.7	6,700	7,300*	4,100	7,300*	180
185	41.4	166.1	5,900	6,300*	3,500	6,300*	185
190	39.6	160.2	5,200	5,300*	2,800	5,300*	190
195	37.6	153.8	4,400*	4,400*	2,200	4,400*	195
200	35.6	146.9	3,500*	3,500*		3,500*	200
205	33.5	139.5	2,600*				205

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top

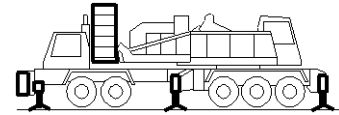
0 Lb. to 95,400 Lb. Crane Counterweight

With 25,000 Lb. Front Bumper Counterweight

Rating Over Rear or 360 Degrees On Fully Extended Outriggers

Meets
ANSI B30.5
Requirements

777T

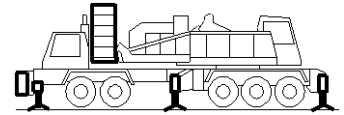


250 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	95,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		78,400 Lb. Crane Cwt. 25,000 Lb. Bumper Cwt.		Oper. Rad. Feet
			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*	80,600*	80,600*	80,600*	45
50	79.8	254.7	71,900*	71,900*	71,900*	71,900*	50
55	78.7	253.7	64,900*	64,900*	64,900*	64,900*	55
60	77.5	252.6	59,000*	59,000*	59,000*	59,000*	60
65	76.3	251.4	54,100*	54,100*	53,200	54,100*	65
70	75.1	250.1	49,800*	49,800*	47,100	49,800*	70
75	73.9	248.7	46,200*	46,200*	41,900	46,200*	75
80	72.7	247.1	42,900*	42,900*	37,400	42,900*	80
85	71.5	245.4	39,400	40,000*	33,600	40,000*	85
90	70.3	243.7	35,700	37,500*	30,200	37,000*	90
95	69.1	241.7	32,400	35,100*	27,200	34,100*	95
100	67.8	239.7	29,500	32,900*	24,600	31,400*	100
105	66.6	237.6	26,800	30,900*	22,300	29,000*	105
110	65.3	235.3	24,500	29,000*	20,100	26,900*	110
115	64.1	232.9	22,400	27,200*	18,200	24,900*	115
120	62.8	230.3	20,500	25,300*	16,500	23,100*	120
125	61.5	227.6	18,700	23,600*	14,900	21,400*	125
130	60.2	224.7	17,100	21,900*	13,500	19,800*	130
135	58.8	221.7	15,600	20,400*	12,100	18,200*	135
140	57.5	218.5	14,200	18,900*	10,900	16,700*	140
145	56.1	215.2	13,000	17,500*	9,800	15,300*	145
150	54.7	211.7	11,800	16,100*	8,700	14,000*	150
155	53.3	208.0	10,700	14,900*	7,700	12,800*	155
160	51.8	204.1	9,700	13,700*	6,800	11,700*	160
165	50.3	199.9	8,700	12,600*	5,900	10,600*	165
170	48.8	195.6	7,800	11,600*	5,100	9,600*	170
175	47.2	191.0	7,000	10,600*	4,400	8,700*	175
180	45.6	186.2	6,200	9,700*	3,600	7,800*	180
185	44.0	181.0	5,400	8,800*	3,000	6,900*	185
190	42.3	175.6	4,700	7,900*	2,300	6,100*	190
195	40.6	169.8	4,100	7,100*		5,400*	195
200	38.7	163.7	3,400	6,300*		4,600*	200
205	36.9	157.1	2,800	5,600*		4,000*	205
210	34.9	150.0	2,200	4,900*		3,300*	210
215	32.8	142.4		4,200*		2,700*	215
220	30.6	134.1		3,600*		2,000*	220
225	28.2	125.0		3,000*			225
230	25.6	114.9		2,400*			230

Liftcrane Boom Capacities

Boom No. 78T With Heavy Lift Top
0 Lb. to 95,400 Lb. Crane Counterweight
With 25,000 Lb. Front Bumper Counterweight
Rating Over Rear or 360 Degrees On Fully Extended Outriggers

 Meets
ANSI B30.5
Requirements

260 Ft. Boom

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
45	81.3	265.8	75,600*	75,600*
50	80.2	264.9	70,300*	70,300*
55	79.1	263.9	63,400*	63,400*
60	78.0	262.9	57,600*	57,600*
65	76.9	261.7	52,700*	52,700*
70	75.7	260.4	48,500*	48,500*
75	74.6	259.1	44,900*	44,900*
80	73.4	257.6	41,700*	41,700*
85	72.3	256.0	38,900*	38,900*
90	71.1	254.3	35,300	36,300*
95	69.9	252.5	32,000	33,900*
100	68.7	250.5	29,100	31,700*
105	67.6	248.5	26,500	29,700*
110	66.4	246.3	24,100	27,900*
115	65.1	244.0	22,000	26,200*
120	63.9	241.5	20,100	24,600*
125	62.7	239.0	18,300	23,100*
130	61.4	236.2	16,700	21,300*
135	60.2	233.4	15,200	19,600*
140	58.9	230.4	13,800	18,100*
145	57.6	227.2	12,600	16,600*
150	56.2	223.9	11,400	15,300*
155	54.9	220.4	10,300	14,100*
160	53.5	216.7	9,300	12,900*
165	52.1	212.9	8,300	11,800*
170	50.7	208.8	7,400	10,800*
175	49.3	204.5	6,600	9,800*
180	47.8	200.0	5,800	8,900*
185	46.3	195.3	5,000	8,000*
190	44.7	190.3	4,300	7,200*
195	43.1	185.0	3,700	6,400*
200	41.4	179.4	3,000	5,700*
205	39.7	173.4	2,400	5,000*
210	38.0	167.1		4,300*
215	36.1	160.3		3,500*
220	34.2	153.1		2,600*

270 Ft. Boom

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
45	81.7	275.9	73,900*	73,900*
50	80.6	275.1	68,700*	68,700*
55	79.5	274.1	61,800*	61,800*
60	78.4	273.1	56,000*	56,000*
65	77.3	272.0	51,100*	51,100*
70	76.3	270.8	47,000*	47,000*
75	75.2	269.5	43,400*	43,400*
80	74.1	268.0	40,200*	40,200*
85	72.9	266.5	37,400*	37,400*
90	71.8	264.9	34,900*	34,900*
95	70.7	263.1	31,600	32,600*
100	69.6	261.3	28,700	30,500*
105	68.4	259.3	26,100	28,600*
110	67.3	257.2	23,700	26,900*
115	66.1	255.0	21,600	25,200*
120	65.0	252.7	19,700	23,700*
125	63.8	250.2	17,900	22,200*
130	62.6	247.6	16,300	20,800*
135	61.4	244.9	14,800	19,100*
140	60.1	242.1	13,500	17,600*
145	58.9	239.0	12,200	16,200*
150	57.7	235.9	11,000	14,800*
155	56.4	232.6	9,900	13,600*
160	55.1	229.1	8,900	12,400*
165	53.8	225.5	8,000	11,300*
170	52.4	221.6	7,100	10,300*
175	51.1	217.6	6,200	9,300*
180	49.7	213.4	5,400	8,400*
185	48.3	209.0	4,700	7,500*
190	46.8	204.3	4,000	6,700*
195	45.3	199.4	3,300	5,900*
200	43.8	194.3	2,700	4,900*
205	42.2	188.8	2,100	4,000*
210	40.6	183.0		3,100*
215	38.9	176.9		2,300*